

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
 Data File : BM039110.D
 Acq On : 23 Mar 2023 02:23
 Operator : CG/JU
 Sample : 02033-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-1-032123

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039110.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.057	295	301	309	rVB	965702	1287961	5.08%	0.530%
2	5.528	374	381	389	rBV	2272161	3306739	13.03%	1.361%
3	7.134	644	654	660	rBV	2138373	3359391	13.24%	1.383%
4	7.969	785	796	802	rBV	1501038	2503753	9.87%	1.031%
5	8.516	882	889	893	rBV2	259936	537840	2.12%	0.221%
6	8.610	900	905	912	rBV3	334881	712514	2.81%	0.293%
7	9.081	980	985	989	rBV	304358	451684	1.78%	0.186%
8	9.134	989	994	1000	rVV	1171574	2021029	7.96%	0.832%
9	9.198	1000	1005	1010	rVB	1186168	1750204	6.90%	0.720%
10	9.328	1023	1027	1033	rVB4	246637	484279	1.91%	0.199%
11	9.957	1130	1134	1142	rBV3	227387	579709	2.28%	0.239%
12	10.028	1142	1146	1148	rBV	328345	473112	1.86%	0.195%
13	10.122	1157	1162	1167	rBV3	377020	643476	2.54%	0.265%
14	10.181	1167	1172	1173	rBV2	439417	635814	2.51%	0.262%
15	10.410	1207	1211	1217	rVB	385488	653548	2.58%	0.269%
16	10.751	1263	1269	1272	rBV2	2087065	3741194	14.74%	1.540%
17	10.780	1272	1274	1279	rVV	1806596	2600919	10.25%	1.071%
18	10.833	1279	1283	1289	rVV3	409909	820464	3.23%	0.338%
19	10.898	1289	1294	1297	rVV	274098	513306	2.02%	0.211%
20	10.939	1297	1301	1306	rVB	595918	927483	3.65%	0.382%
21	10.998	1306	1311	1319	rBV3	257099	518362	2.04%	0.213%
22	11.251	1349	1354	1362	rVB4	331972	740573	2.92%	0.305%
23	11.480	1389	1393	1400	rVV6	431527	1100413	4.34%	0.453%
24	11.539	1400	1403	1411	rVB3	221160	445884	1.76%	0.184%
25	11.622	1411	1417	1423	rBV4	492641	884488	3.49%	0.364%
26	11.698	1424	1430	1436	rBV2	640407	1172738	4.62%	0.483%
27	11.798	1443	1447	1451	rVV	736944	1199804	4.73%	0.494%
28	11.886	1458	1462	1468	rVB	256539	446814	1.76%	0.184%
29	11.975	1471	1477	1484	rVB2	752989	1320649	5.20%	0.544%
30	12.198	1506	1515	1520	rBV	2417664	3844275	15.15%	1.583%
31	12.327	1534	1537	1542	rVB3	438823	604888	2.38%	0.249%
32	12.416	1546	1552	1554	rBV3	262561	541627	2.13%	0.223%
33	12.657	1586	1593	1595	rBV3	418677	801631	3.16%	0.330%
34	12.686	1596	1598	1603	rVB3	518917	754816	2.97%	0.311%
35	12.827	1616	1622	1625	rBV3	377027	593521	2.34%	0.244%
36	12.869	1625	1629	1636	rVV3	292373	678876	2.68%	0.279%

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.933	1636	1640	1644	rVV2	294901	493513	1.94%	0.203%
38	13.004	1648	1652	1657	rVB2	490577	672054	2.65%	0.277%
39	13.092	1663	1667	1672	rBV4	401558	720903	2.84%	0.297%
40	13.145	1672	1676	1682	rVV2	804865	1389551	5.48%	0.572%

41	13.233	1686	1691	1700	rVV	2807729	4182951	16.48%	1.722%
42	13.433	1719	1725	1732	rVB	2728033	3970150	15.64%	1.634%
43	13.557	1743	1746	1750	rVV2	447117	673173	2.65%	0.277%
44	13.774	1779	1783	1794	rVB3	320021	804807	3.17%	0.331%
45	13.939	1806	1811	1815	rBV3	350287	743279	2.93%	0.306%

46	14.063	1828	1832	1833	rBV2	551358	587314	2.31%	0.242%
47	14.086	1834	1836	1840	rVV	902002	935200	3.69%	0.385%
48	14.127	1840	1843	1847	rVB4	554101	676855	2.67%	0.279%
49	14.204	1852	1856	1860	rVB3	474189	746438	2.94%	0.307%
50	14.333	1873	1878	1884	rBV	1239749	1850612	7.29%	0.762%

51	14.504	1902	1907	1912	rBV	2967762	3966764	15.63%	1.633%
52	14.580	1915	1920	1921	rVV3	448956	667516	2.63%	0.275%
53	14.610	1921	1925	1931	rVV	2385588	3545690	13.97%	1.460%
54	14.674	1932	1936	1943	rVB3	358974	657491	2.59%	0.271%
55	15.004	1988	1992	1998	rVB2	640530	968913	3.82%	0.399%

56	15.115	2008	2011	2020	rVB5	548023	966249	3.81%	0.398%
57	15.451	2063	2068	2073	rBV	2961551	3569255	14.06%	1.469%
58	15.657	2098	2103	2107	rBV	840056	1348535	5.31%	0.555%
59	15.857	2127	2137	2142	rBV	1064168	2237861	8.82%	0.921%
60	15.951	2149	2153	2159	rVB2	448932	859905	3.39%	0.354%

61	16.004	2159	2162	2169	rVB4	300113	503835	1.99%	0.207%
62	16.098	2170	2178	2185	rVB3	1931985	3310870	13.05%	1.363%
63	16.315	2210	2215	2217	rBV	2854408	3926780	15.47%	1.617%
64	16.657	2269	2273	2277	rBV2	376786	578722	2.28%	0.238%
65	16.715	2280	2283	2287	rVB2	434852	548701	2.16%	0.226%

66	17.104	2345	2349	2353	rBV	2282581	2803460	11.05%	1.154%
67	17.157	2354	2358	2369	rVB2	1069921	2228698	8.78%	0.917%
68	17.357	2387	2392	2395	rBV	2587334	3654398	14.40%	1.504%
69	17.398	2395	2399	2406	rVV	4193255	6115006	24.10%	2.517%
70	17.486	2410	2414	2419	rVV	1806337	2517304	9.92%	1.036%

71	17.762	2457	2461	2465	rBV	564030	787249	3.10%	0.324%
72	17.845	2471	2475	2485	rVB	2030462	2609790	10.28%	1.074%
73	18.021	2502	2505	2511	rVB	379779	498806	1.97%	0.205%
74	18.251	2537	2544	2547	rBV2	2803009	4705658	18.54%	1.937%
75	18.362	2559	2563	2568	rBV	573136	875490	3.45%	0.360%

76	18.433	2569	2575	2578	rBV3	1408461	2378301	9.37%	0.979%
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77	18.539	2589	2593	2597	rBV	1907554	2174824	8.57%	0.895%
78	18.733	2622	2626	2630	rVB	592460	734954	2.90%	0.303%
79	19.168	2693	2700	2703	rBV3	2006312	3538771	13.94%	1.457%
80	19.292	2717	2721	2726	rBV3	511623	1187450	4.68%	0.489%
81	19.392	2733	2738	2739	rBV	5816376	8043918	31.70%	3.311%
82	19.415	2739	2742	2755	rVB2	16277732	25378520	100.00%	10.447%
83	19.527	2758	2761	2764	rBV	929576	981916	3.87%	0.404%
84	19.745	2794	2798	2800	rBV3	2237446	3018147	11.89%	1.242%
85	19.780	2800	2804	2811	rVB	8565046	12026665	47.39%	4.951%
86	19.974	2833	2837	2841	rVB	3596540	4435229	17.48%	1.826%
87	20.103	2853	2859	2870	rBV5	733421	2415199	9.52%	0.994%
88	20.274	2884	2888	2893	rVB3	1972075	3120536	12.30%	1.285%
89	20.368	2901	2904	2907	rVB2	1071626	1174073	4.63%	0.483%
90	20.568	2935	2938	2941	rBV2	741224	953634	3.76%	0.393%
91	20.609	2941	2945	2949	rVV	1100703	1633760	6.44%	0.673%
92	20.709	2960	2962	2969	rVB5	851353	1254022	4.94%	0.516%
93	20.774	2971	2973	2977	rVB2	599404	697496	2.75%	0.287%
94	21.221	3046	3049	3053	rBV2	960654	1612182	6.35%	0.664%
95	21.527	3096	3101	3106	rBV2	6257405	11936912	47.04%	4.914%
96	21.574	3106	3109	3119	rVB	5344020	7522492	29.64%	3.097%
97	22.891	3328	3333	3339	rVB	2364104	4350980	17.14%	1.791%
98	23.244	3387	3393	3398	rBV	4245445	10761469	42.40%	4.430%
99	23.768	3479	3482	3492	rVB	3123236	5835798	23.00%	2.402%
100	23.880	3496	3501	3508	rVB	4727464	9195746	36.23%	3.786%

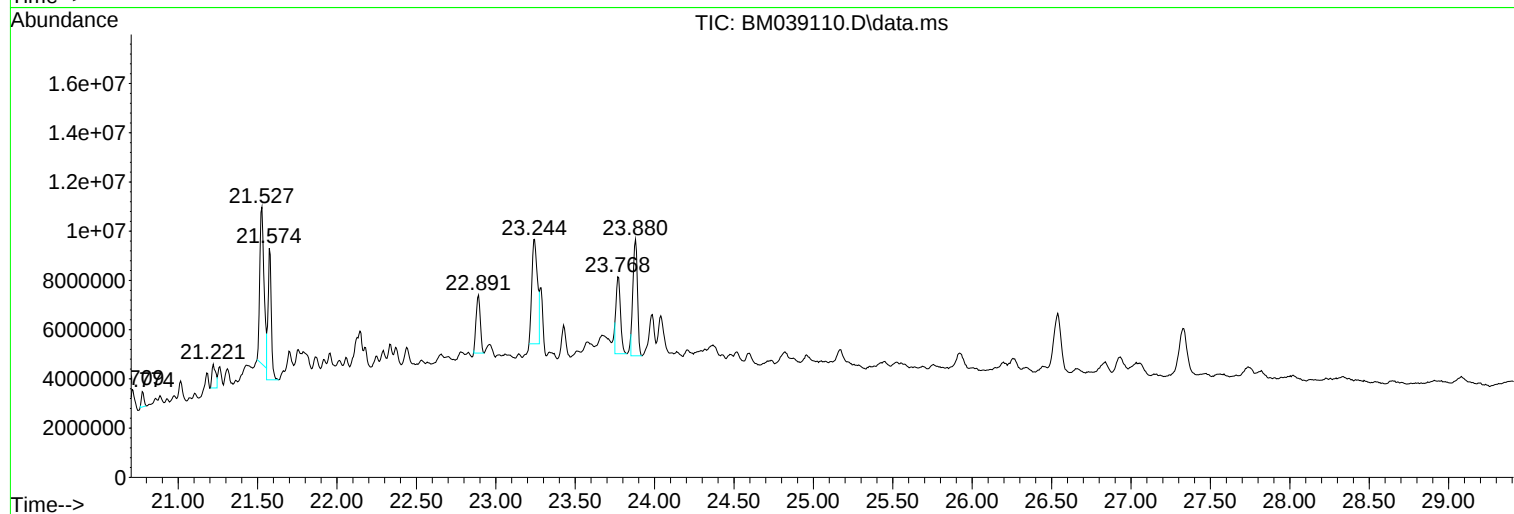
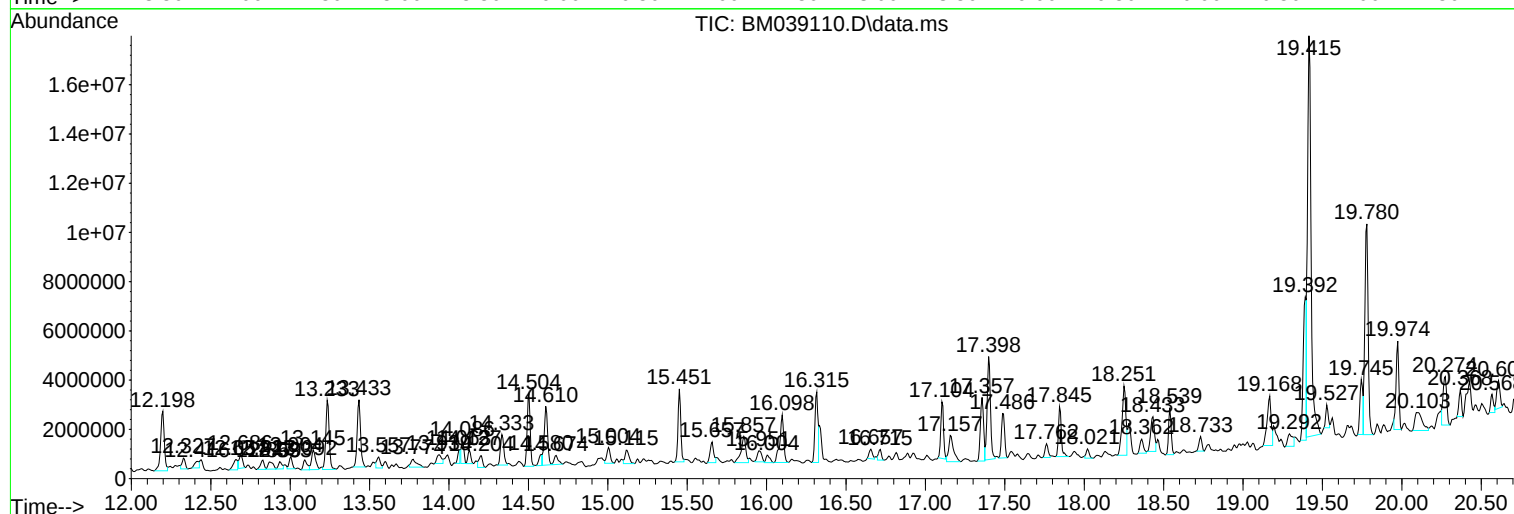
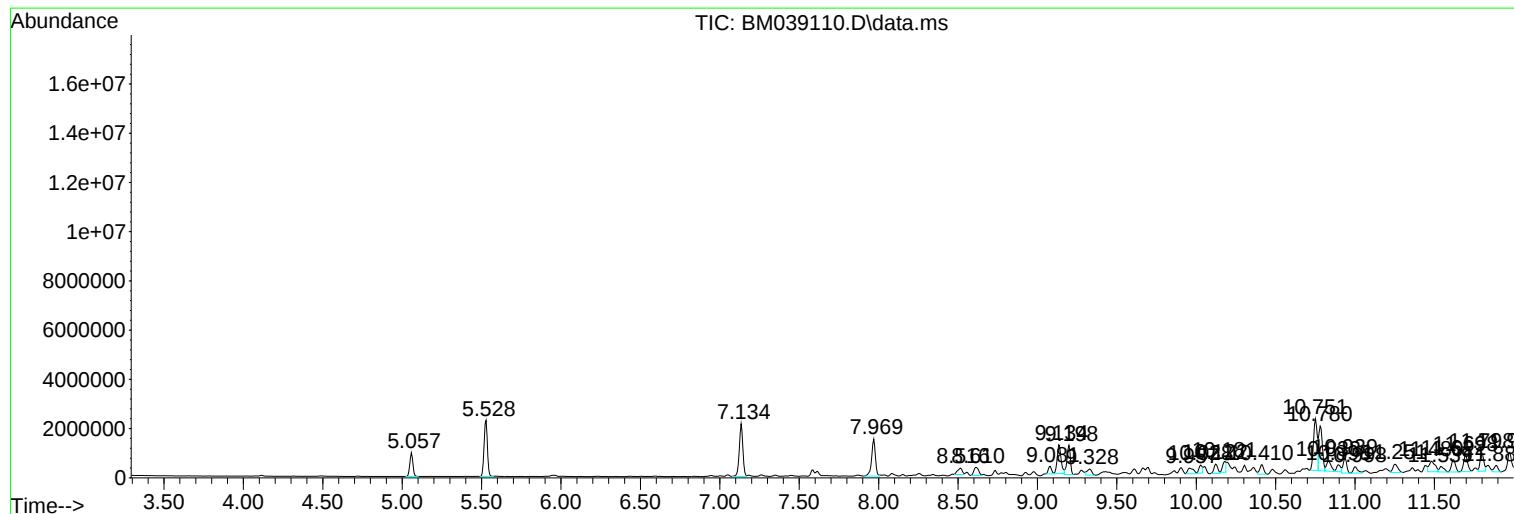
Sum of corrected areas: 242916518

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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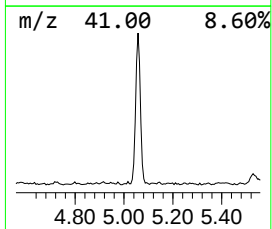
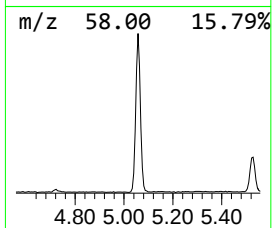
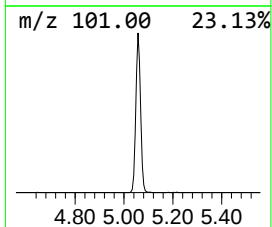
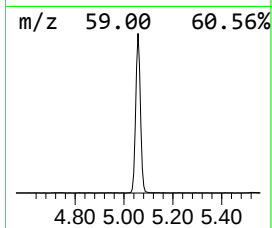
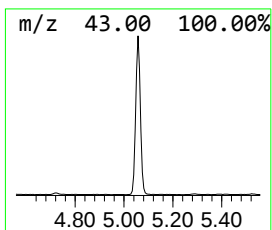
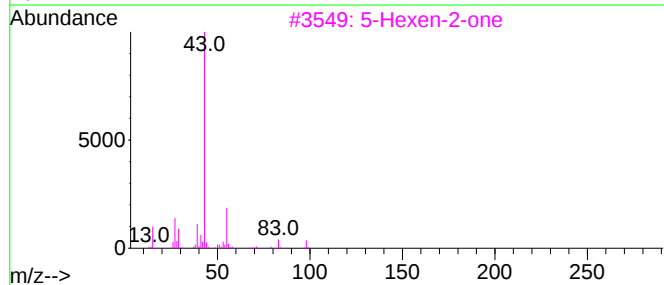
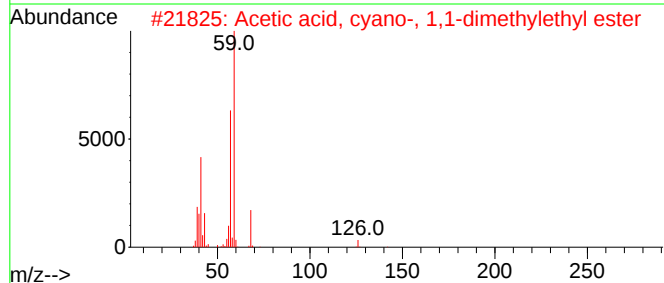
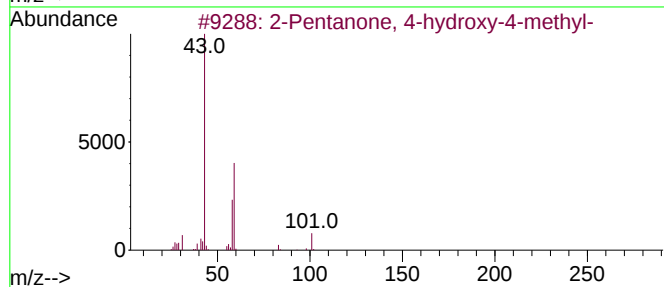
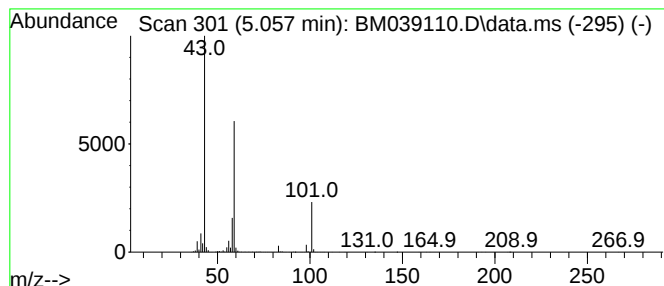
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	10.29 ng	1287960	1,4-Dichlorobenzene-d4	7.969

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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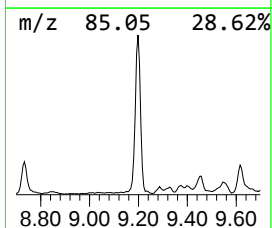
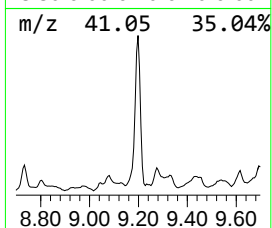
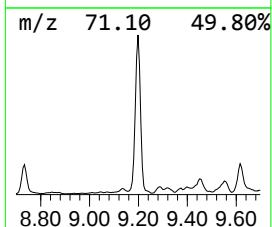
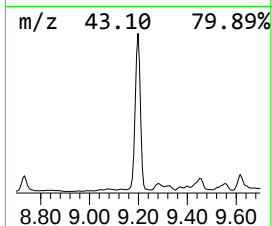
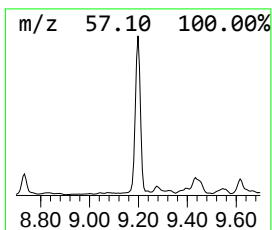
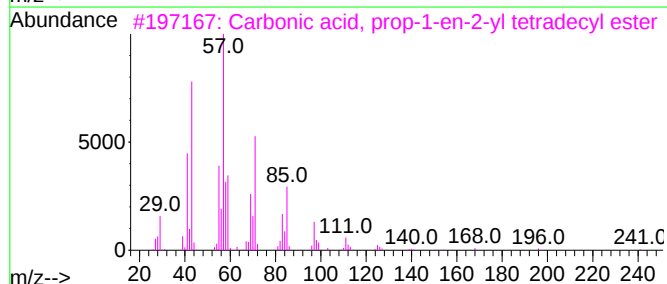
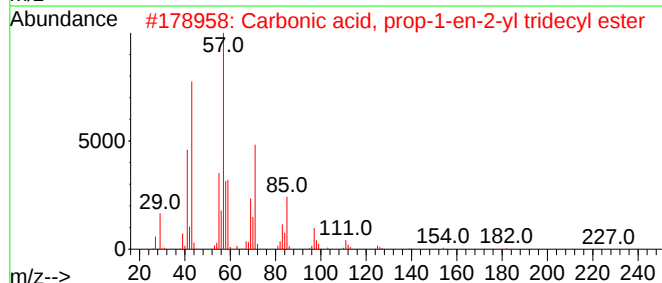
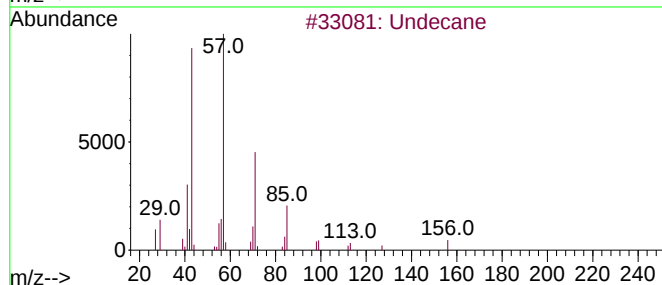
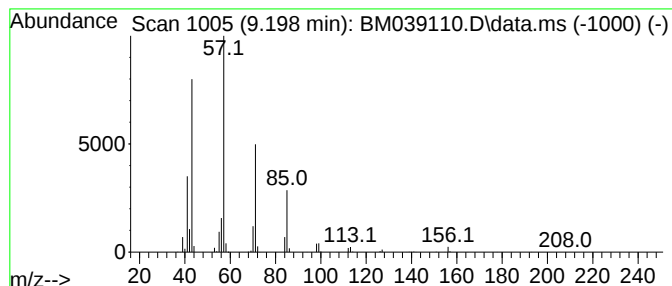
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Undecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.198	13.98 ng	1750200	1,4-Dichlorobenzene-d4	7.969

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	91
2	Carbonic acid, prop-1-en-2-yl tr...			284	C17H32O3	1000382-90-8	90
3	Carbonic acid, prop-1-en-2-yl te...			298	C18H34O3	1000382-90-9	90
4	Tetradecane			198	C14H30	000629-59-4	90
5	Tridecane			184	C13H28	000629-50-5	86



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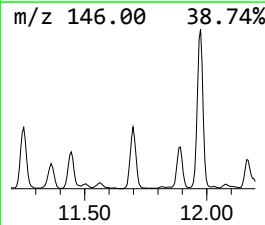
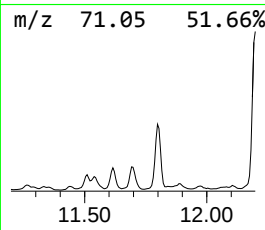
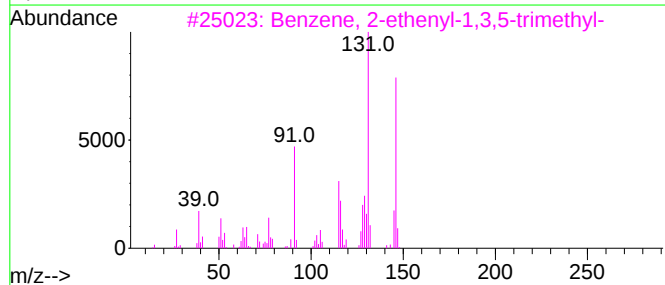
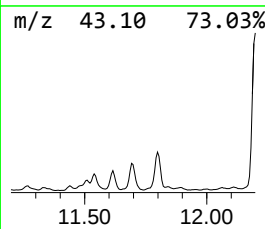
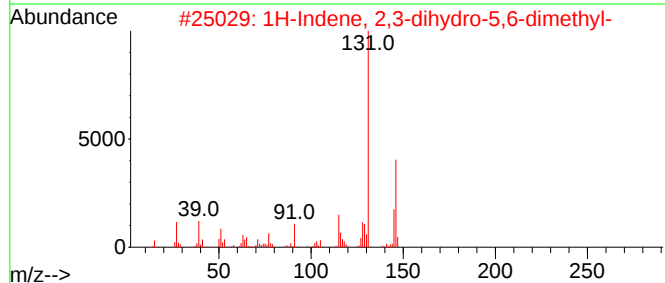
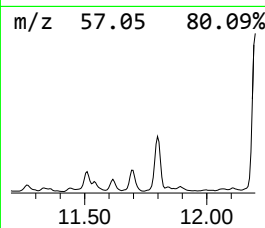
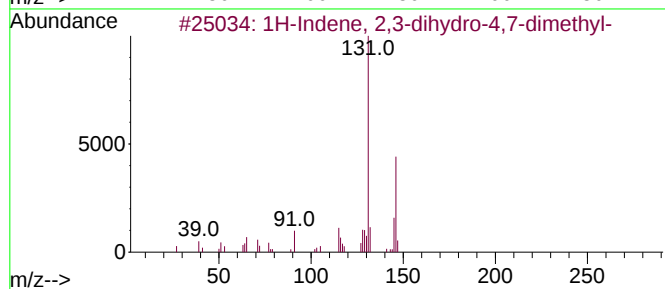
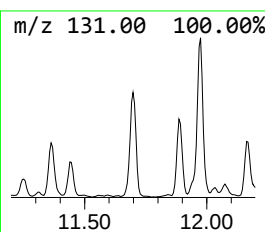
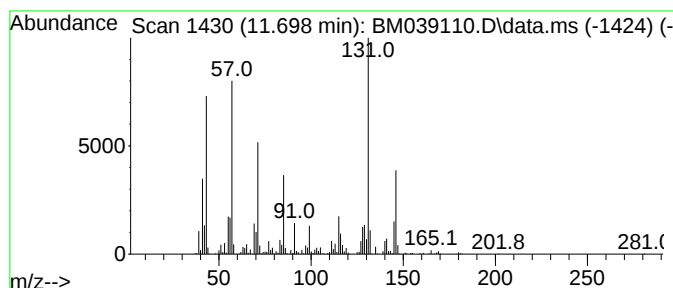
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ClientSampleId :
EO-1-032123

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.698	9.02 ng	1172740	Naphthalene-d8	10.781	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	86
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	86
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039110.D
Acq On : 23 Mar 2023 02:23
Operator : CG/JU
Sample : 02033-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-1-032123

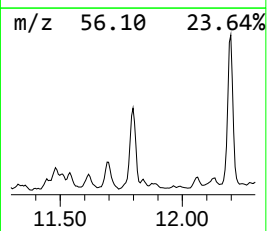
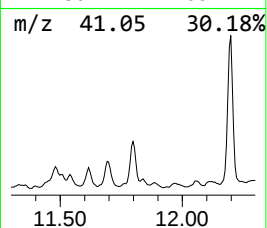
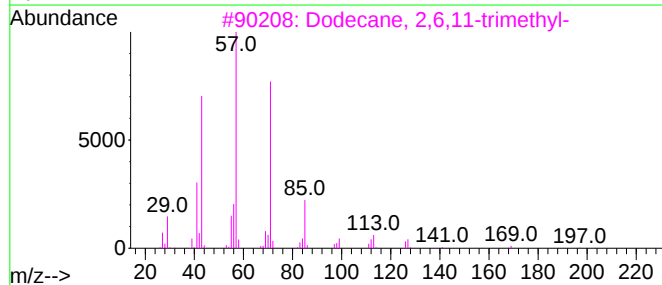
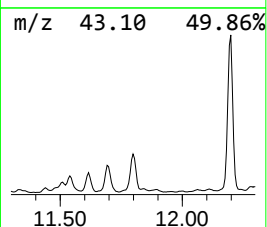
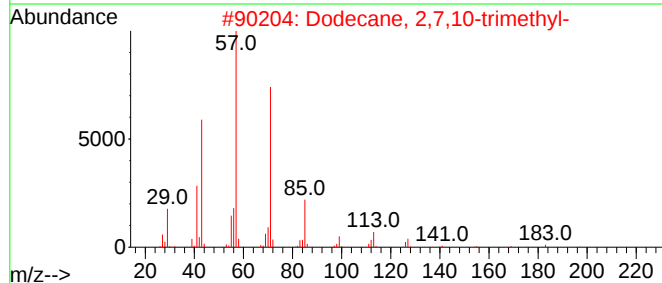
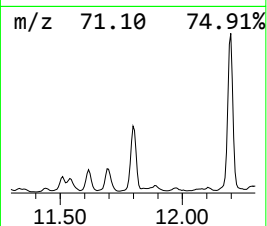
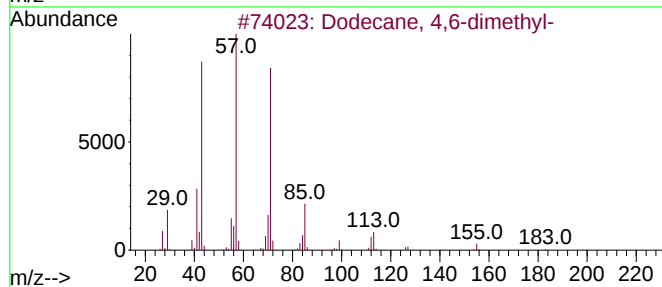
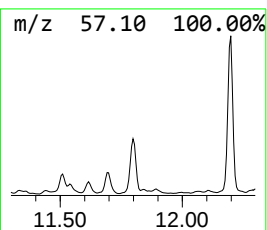
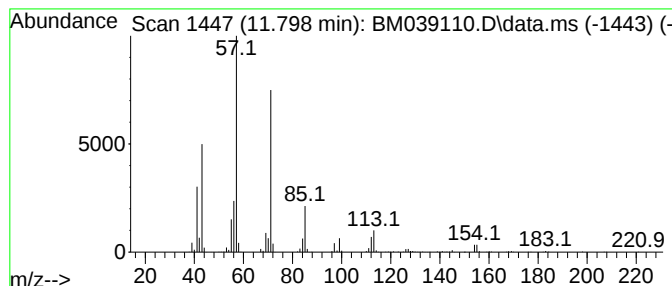
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane, 4,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.798	9.23 ng	1199800	Naphthalene-d8	10.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	93
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
5			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039110.D
Acq On : 23 Mar 2023 02:23
Operator : CG/JU
Sample : 02033-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

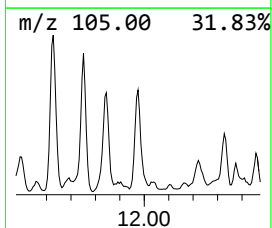
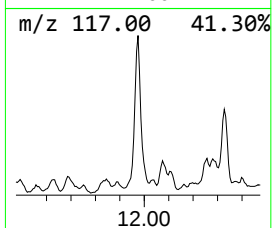
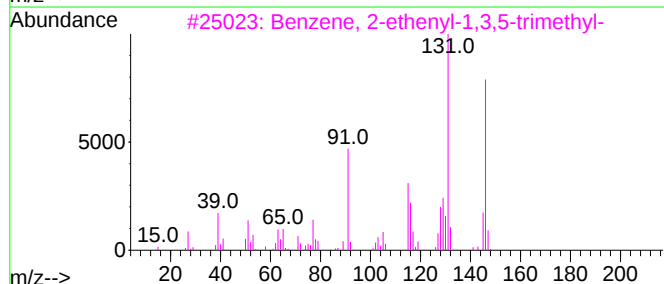
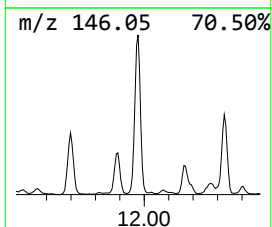
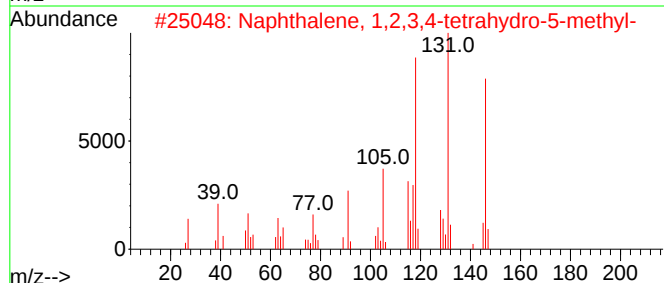
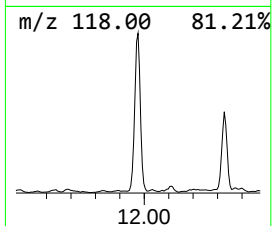
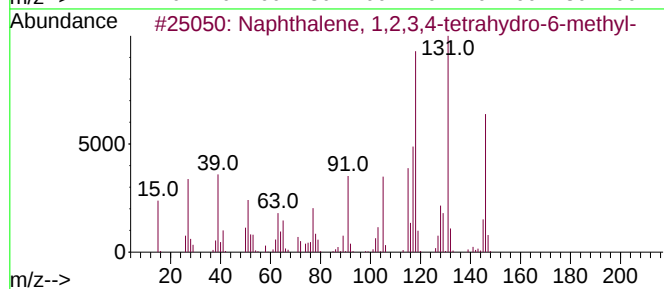
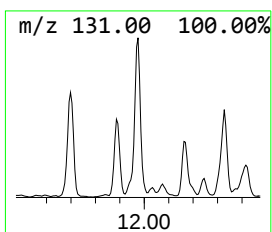
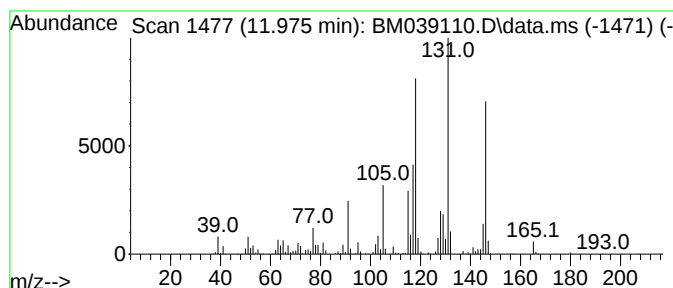
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.975	10.16 ng	1320650	Naphthalene-d8	10.781	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
4	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	46
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039110.D
Acq On : 23 Mar 2023 02:23
Operator : CG/JU
Sample : 02033-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-1-032123

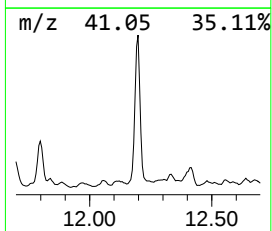
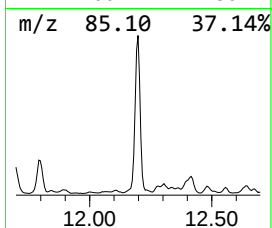
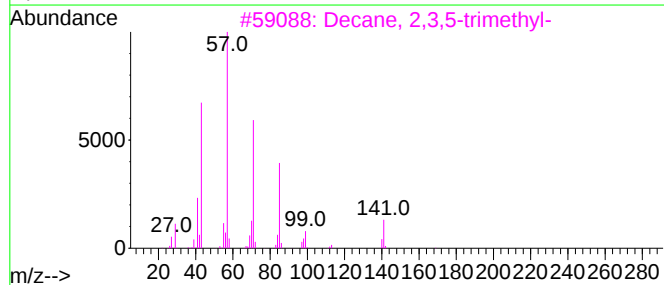
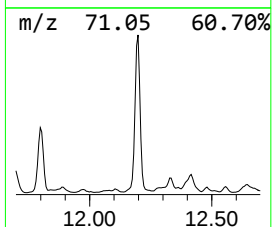
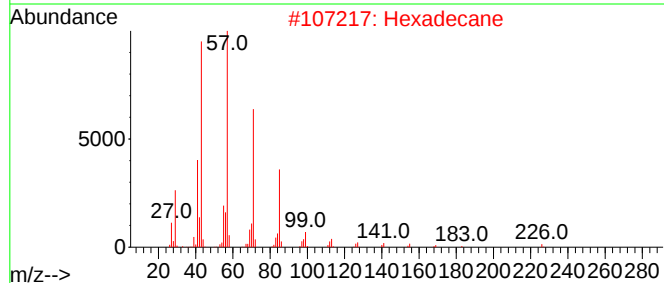
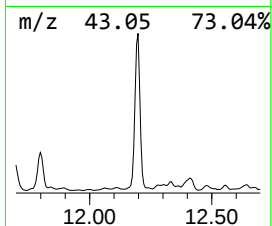
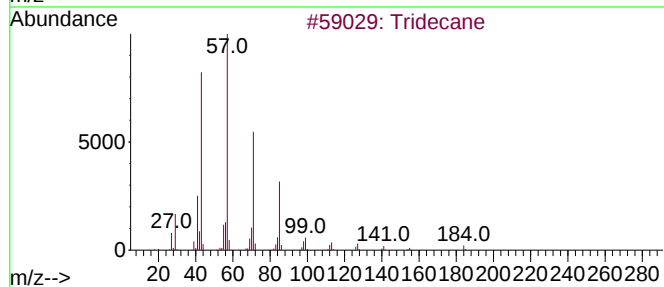
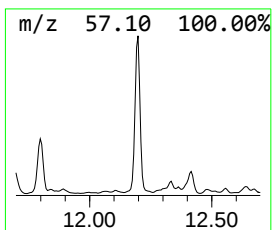
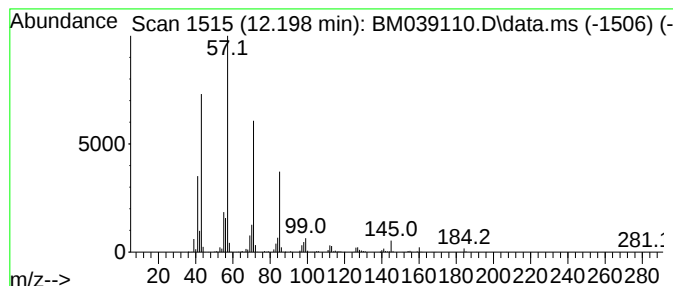
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	29.56 ng	3844280	Naphthalene-d8	10.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Hexadecane	226	C16H34	000544-76-3	87
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039110.D
Acq On : 23 Mar 2023 02:23
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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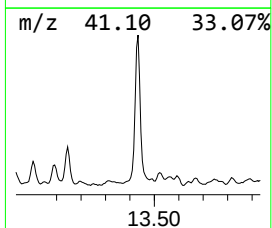
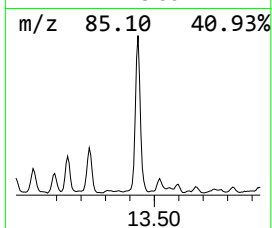
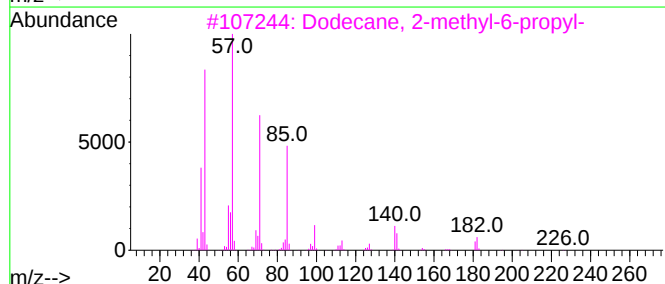
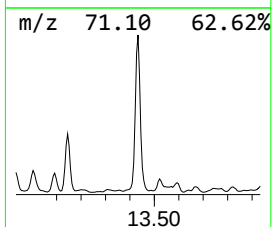
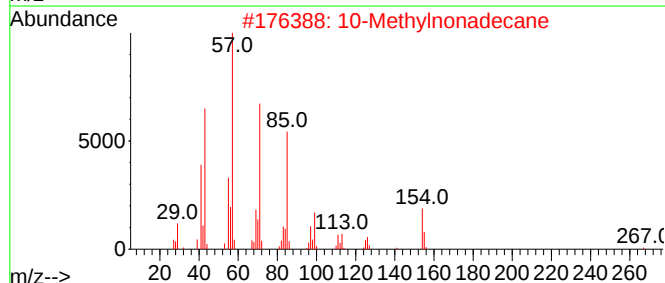
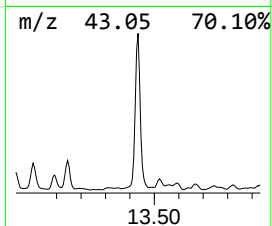
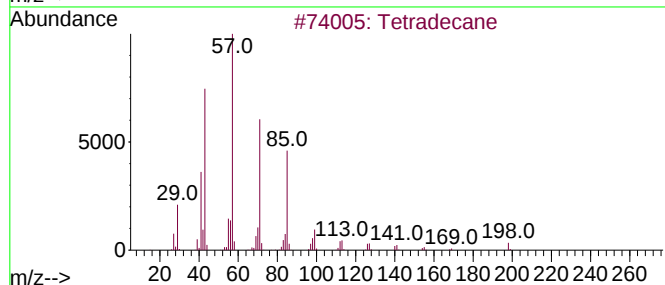
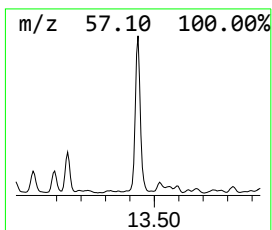
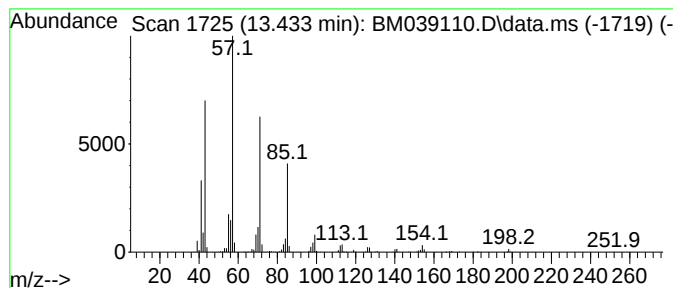
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.433	22.39 ng	3970150	Acenaphthene-d10	14.610

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			10-Methylnonadecane	282	C20H42	056862-62-5	90
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
5			Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039110.D
Acq On : 23 Mar 2023 02:23
Operator : CG/JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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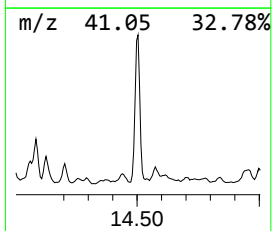
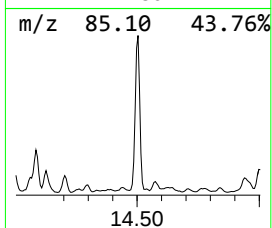
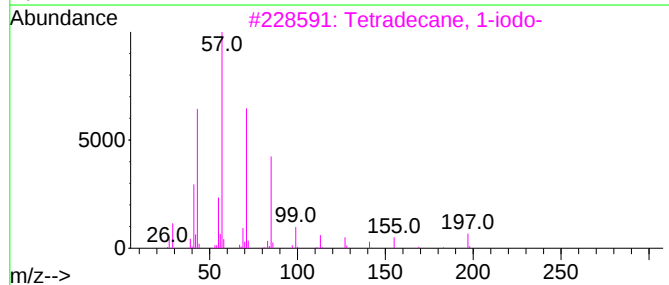
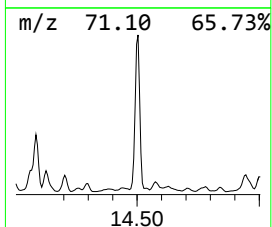
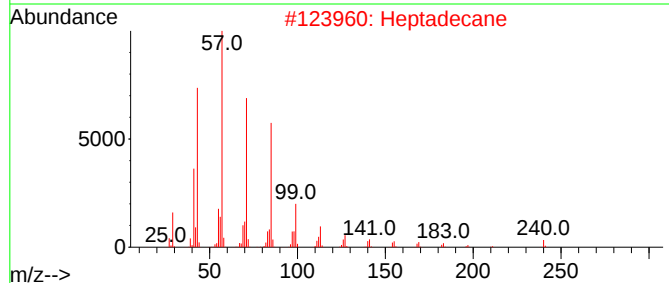
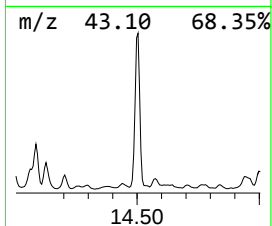
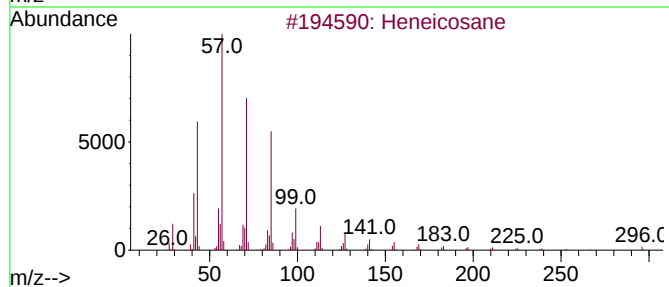
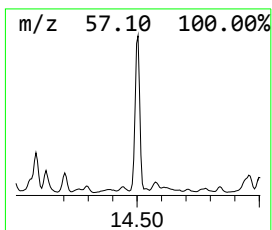
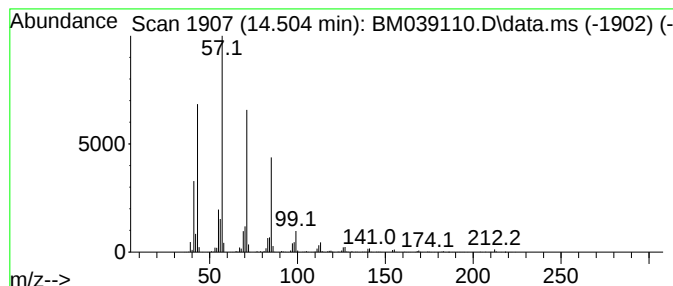
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.504	22.38 ng	3966760	Acenaphthene-d10	14.610

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Heptadecane	240	C17H36	000629-78-7	90
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
4			Tetradecane	198	C14H30	000629-59-4	86
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039110.D
Acq On : 23 Mar 2023 02:23
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ALS Vial : 19 Sample Multiplier: 1

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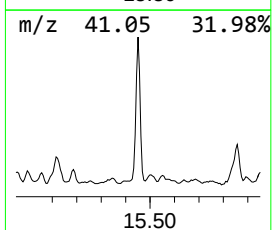
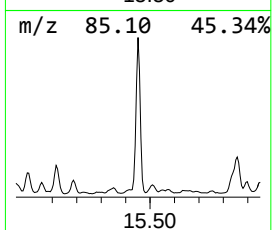
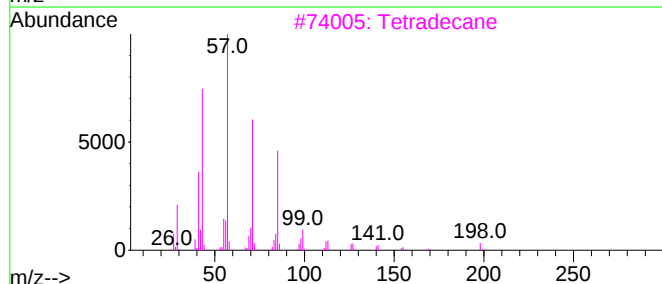
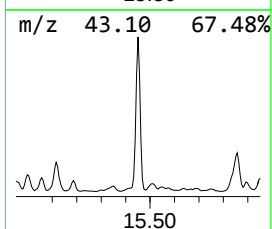
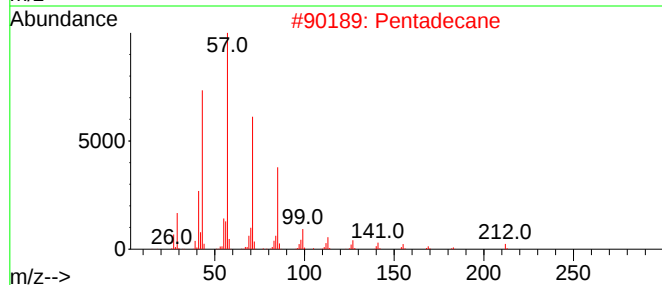
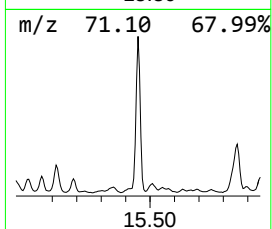
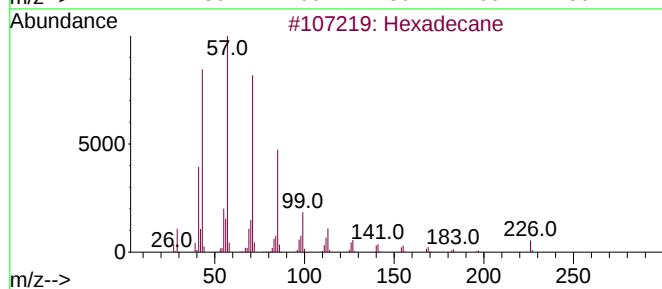
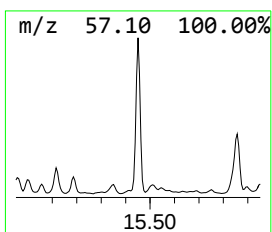
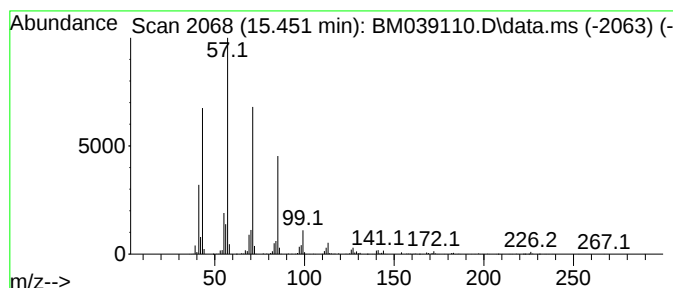
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.451	20.13 ng	3569260	Acenaphthene-d10	14.610

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Pentadecane	212	C15H32	000629-62-9	90
3			Tetradecane	198	C14H30	000629-59-4	90
4			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039110.D
Acq On : 23 Mar 2023 02:23
Operator : CG/JU
Sample : 02033-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-1-032123

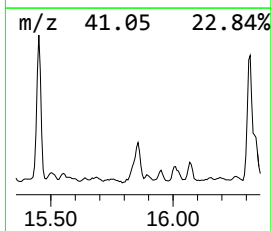
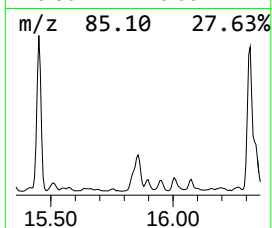
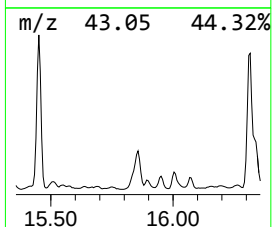
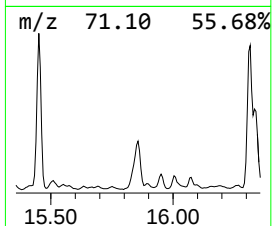
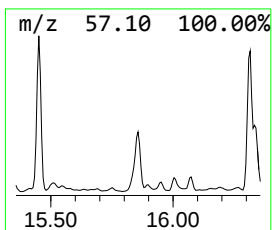
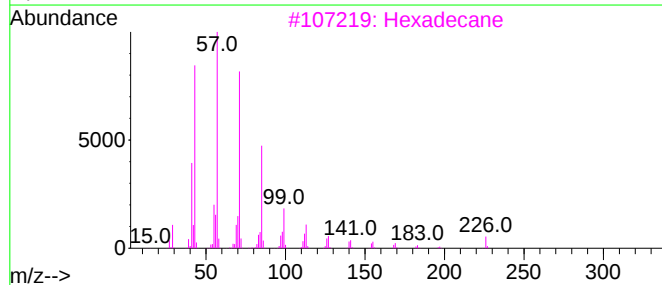
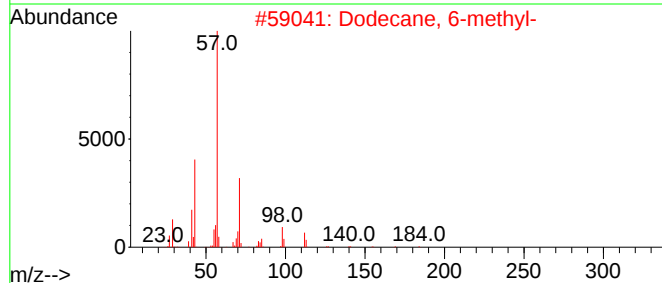
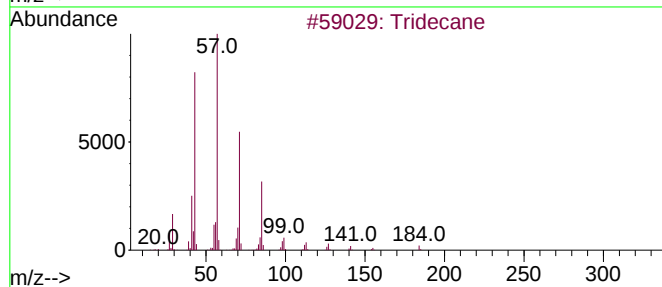
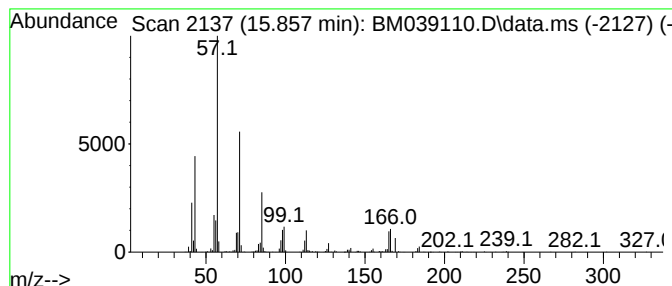
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dodecane, 6-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.857	12.62 ng	2237860	Acenaphthene-d10	14.610

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	62
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	60
3			Hexadecane	226	C16H34	000544-76-3	58
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
5			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039110.D
Acq On : 23 Mar 2023 02:23
Operator : CG/JU
Sample : 02033-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

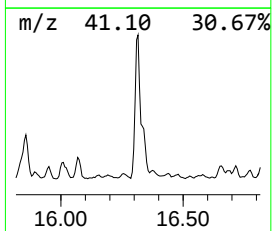
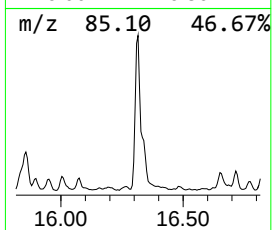
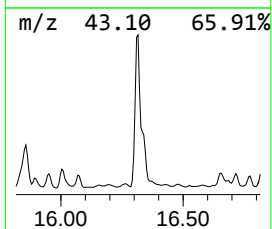
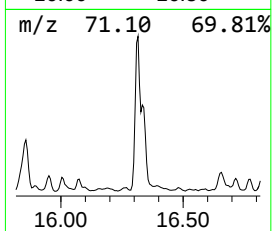
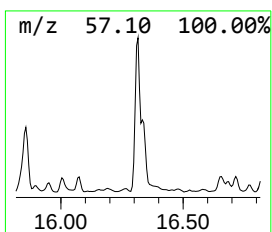
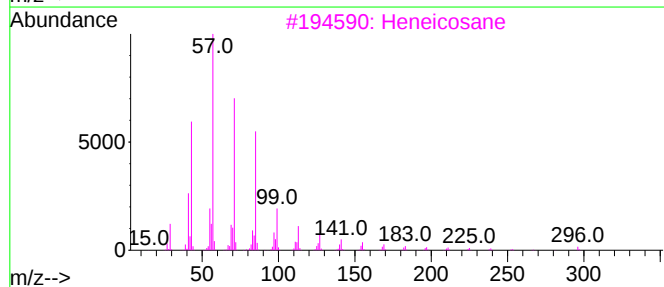
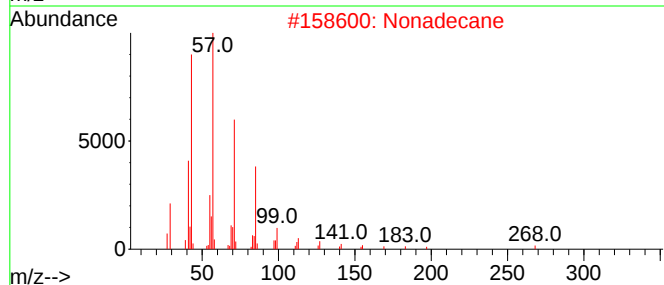
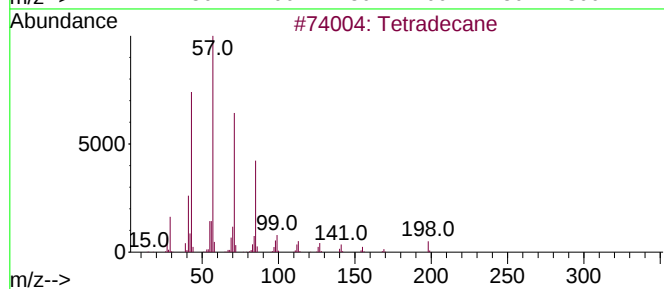
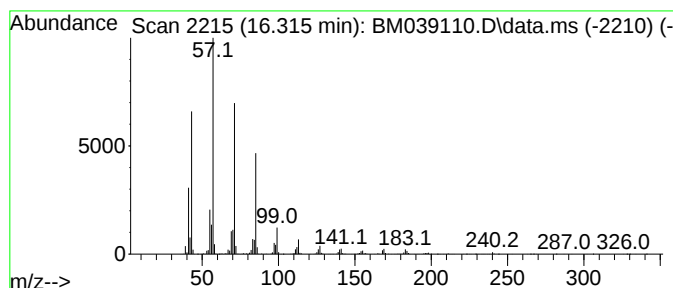
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
16.315	21.49 ng	3926780	Phenanthrene-d10			17.357
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane		198	C14H30	000629-59-4	95
2	Nonadecane		268	C19H40	000629-92-5	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Pentadecane		212	C15H32	000629-62-9	91
5	Hexadecane		226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039110.D
Acq On : 23 Mar 2023 02:23
Operator : CG/JU
Sample : 02033-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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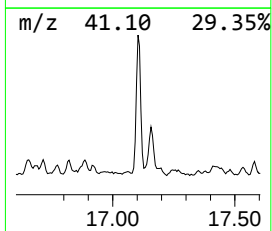
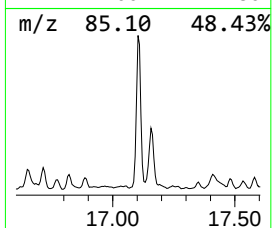
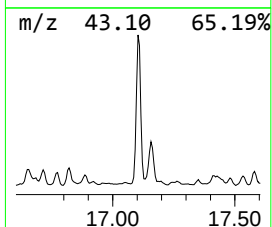
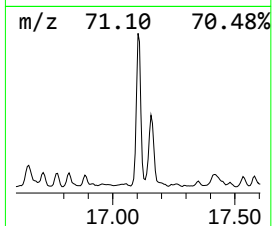
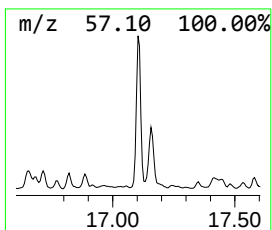
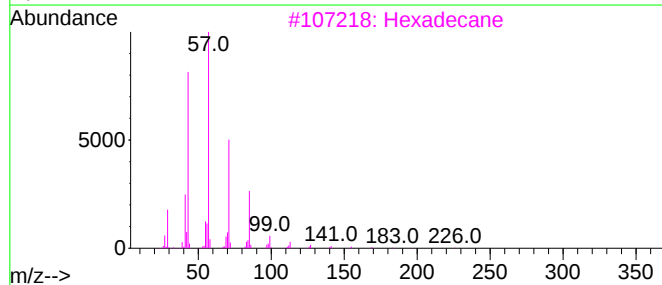
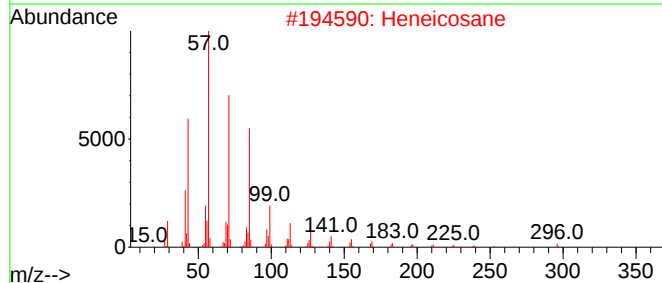
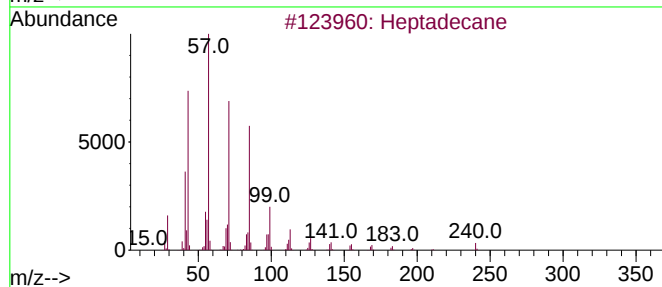
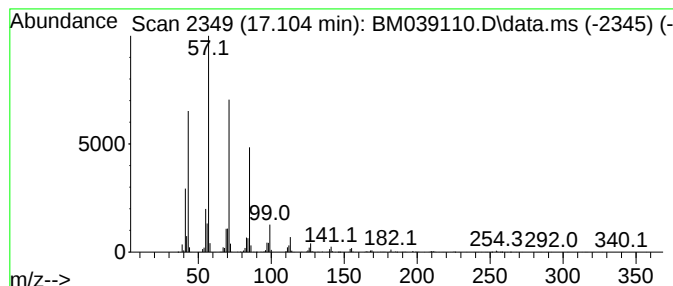
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	15.34 ng	2803460	Phenanthrene-d10	17.357

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Eicosane	282	C20H42	000112-95-8	86
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039110.D
Acq On : 23 Mar 2023 02:23
Operator : CG/JU
Sample : 02033-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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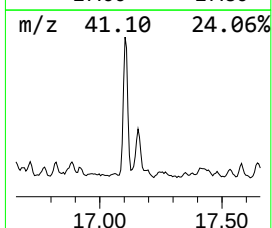
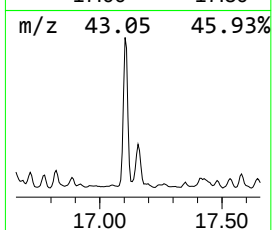
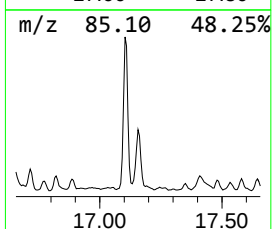
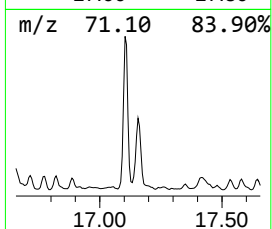
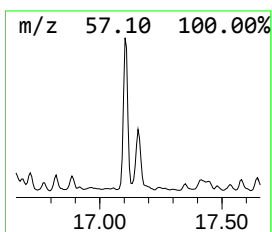
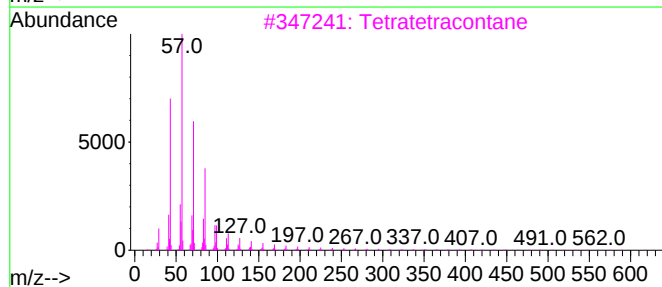
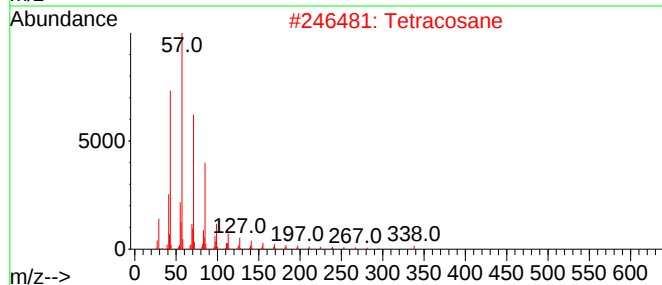
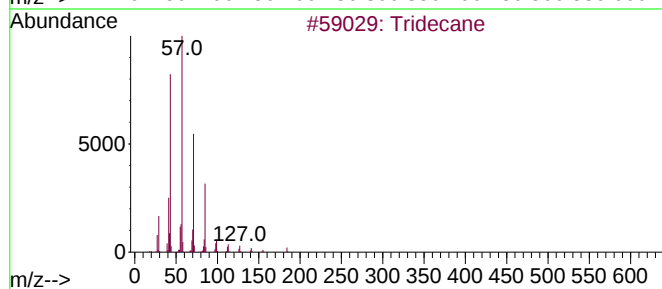
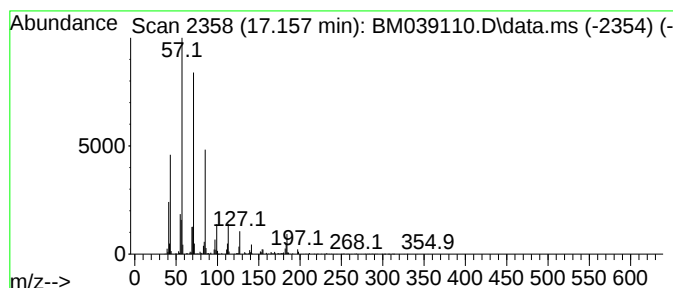
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tetracosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.157	12.20 ng	2228700	Phenanthrene-d10	17.357

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	91
2		Tetracosane	338	C24H50	000646-31-1	87
3		Tetratetracontane	619	C44H90	007098-22-8	86
4		Octadecane	254	C18H38	000593-45-3	86
5		Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039110.D
Acq On : 23 Mar 2023 02:23
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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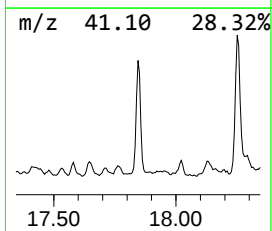
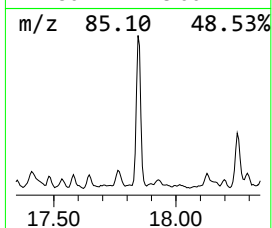
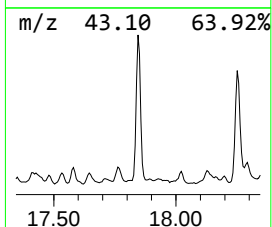
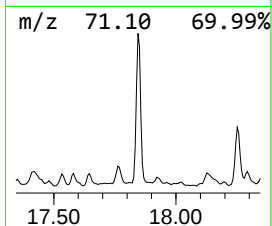
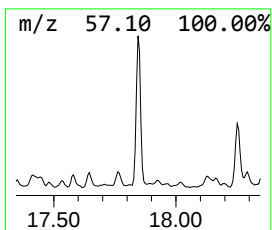
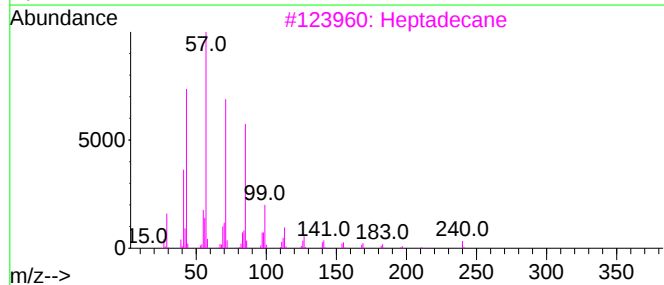
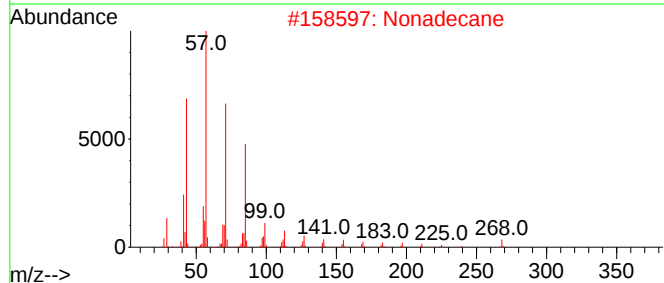
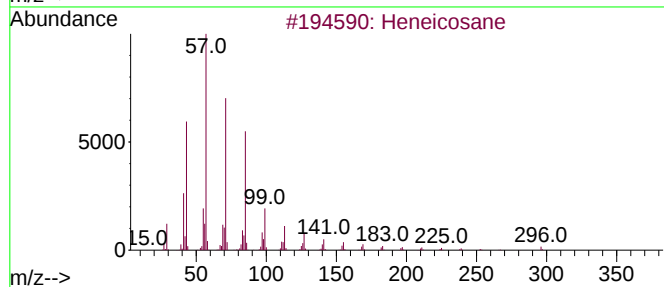
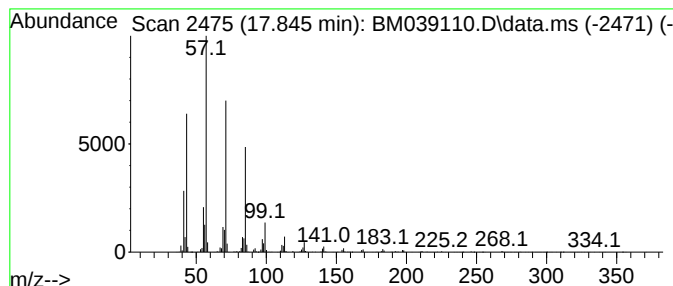
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown17.845 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.845	14.28 ng	2609790	Phenanthrene-d10	17.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	96
2			Nonadecane	268	C19H40	000629-92-5	90
3			Heptadecane	240	C17H36	000629-78-7	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039110.D
Acq On : 23 Mar 2023 02:23
Operator : CG/JU
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Misc :
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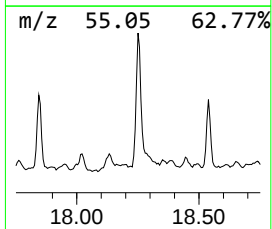
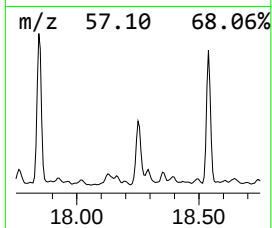
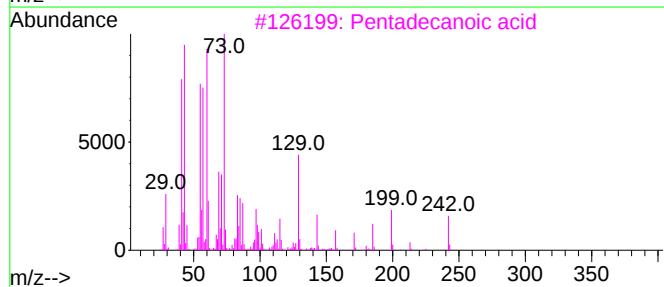
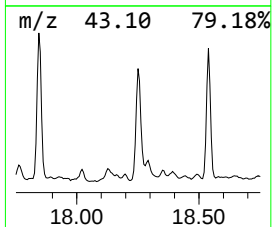
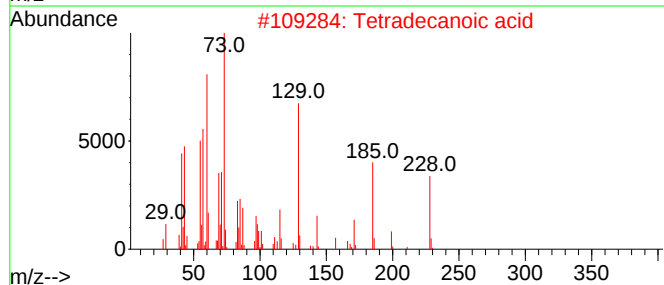
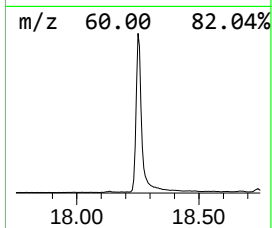
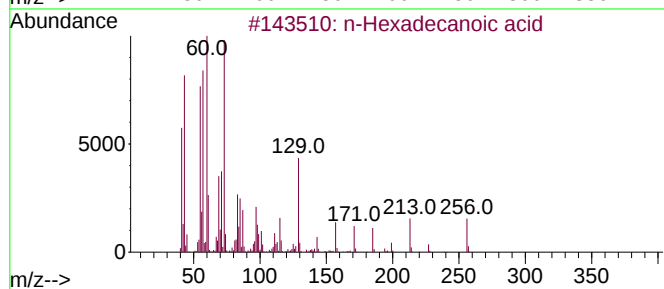
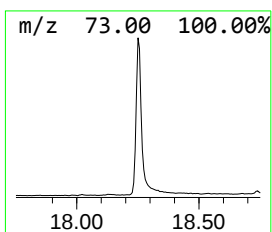
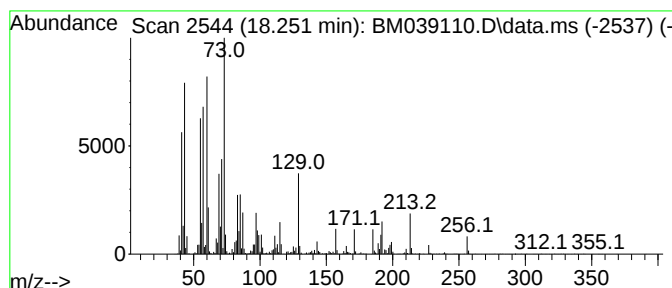
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.251	25.75 ng	4705660	Phenanthrene-d10	17.357	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039110.D
Acq On : 23 Mar 2023 02:23
Operator : CG/JU
Sample : 02033-01 2X
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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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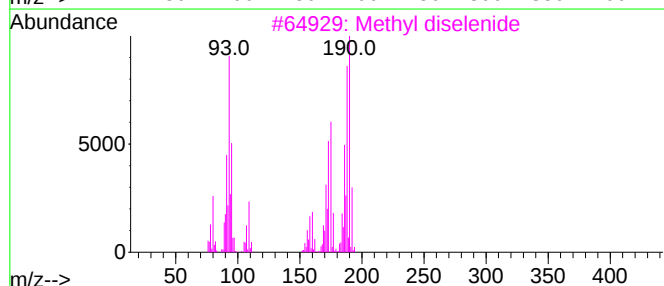
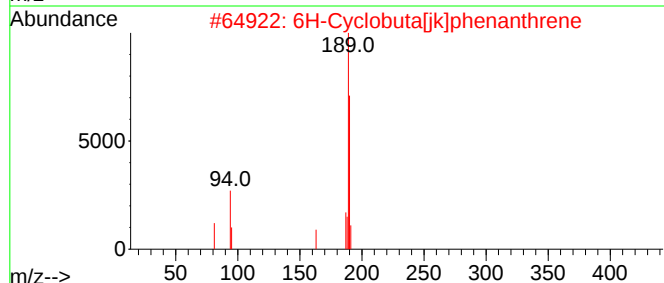
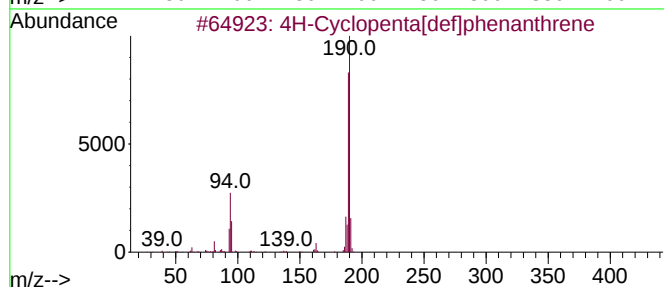
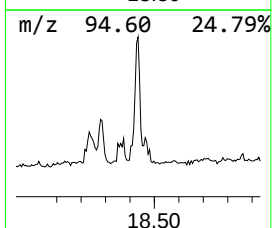
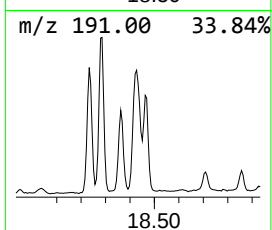
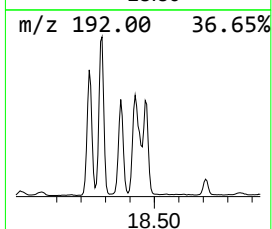
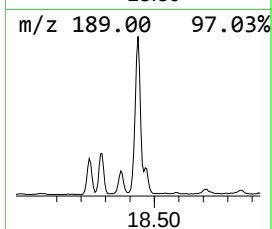
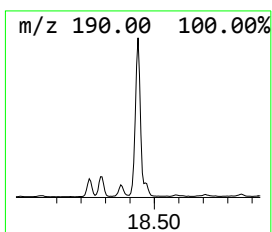
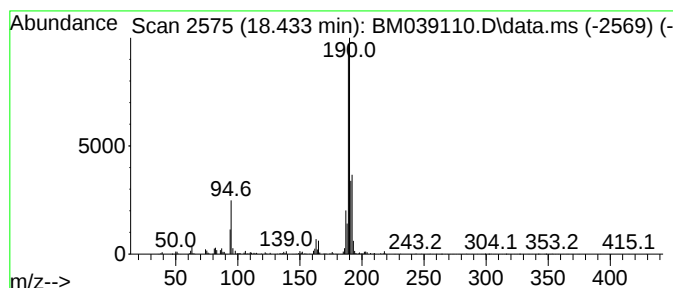
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	13.02 ng	2378300	Phenanthrene-d10	17.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
3			Methyl diselenide	190	C2H6Se2	007101-31-7	46
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5			1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039110.D
Acq On : 23 Mar 2023 02:23
Operator : CG/JU
Sample : 02033-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

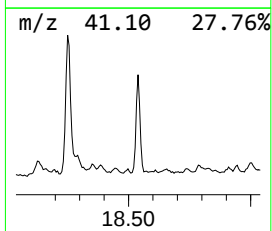
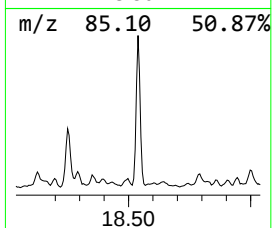
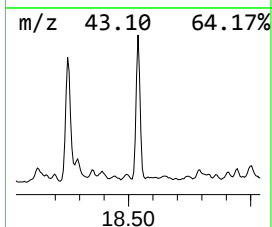
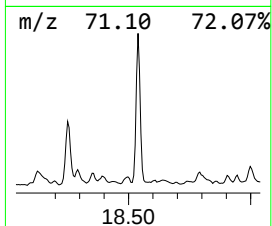
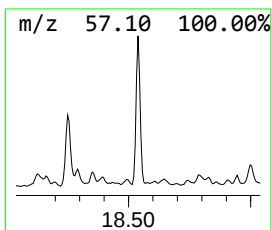
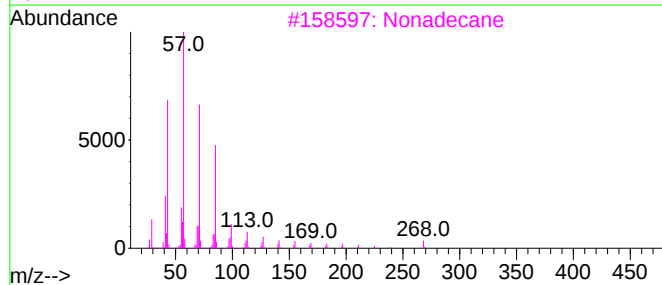
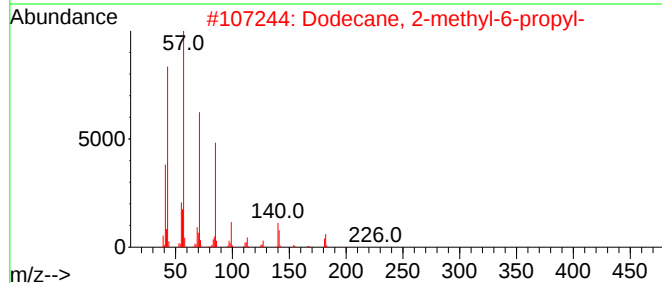
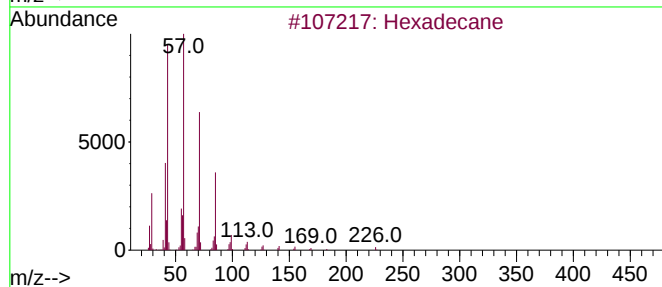
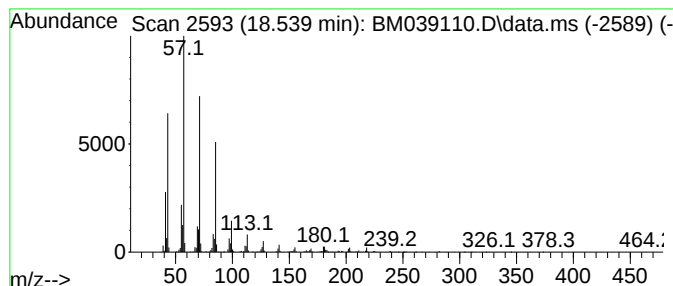
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Dodecane, 2-methyl-6-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.539	11.90 ng	2174820	Phenanthrene-d10	17.357	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039110.D
Acq On : 23 Mar 2023 02:23
Operator : CG/JU
Sample : 02033-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

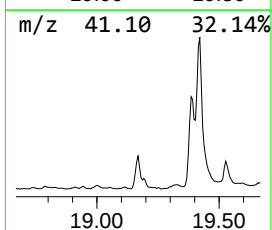
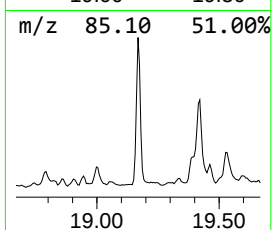
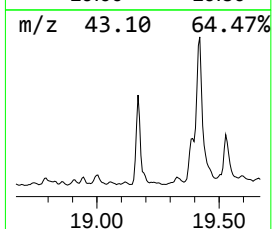
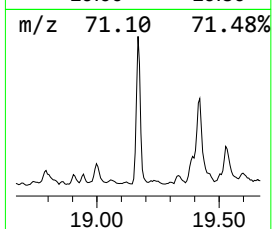
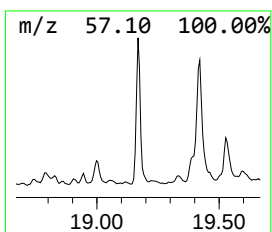
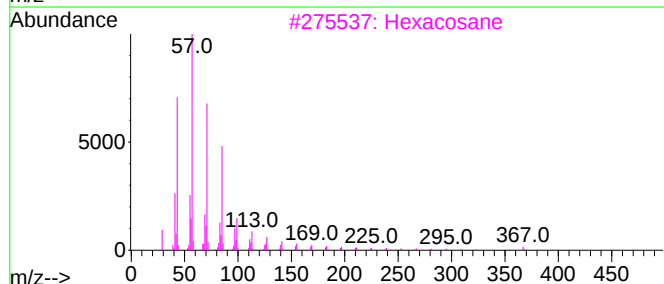
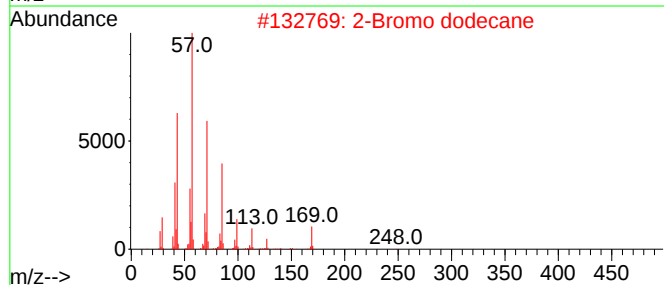
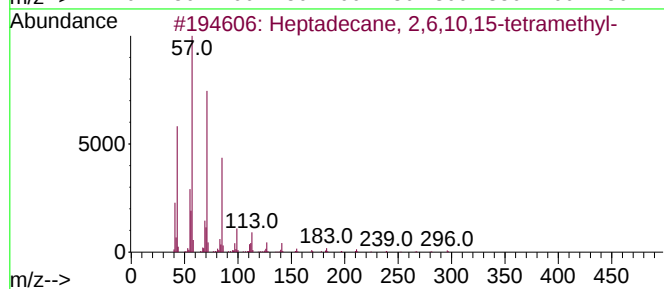
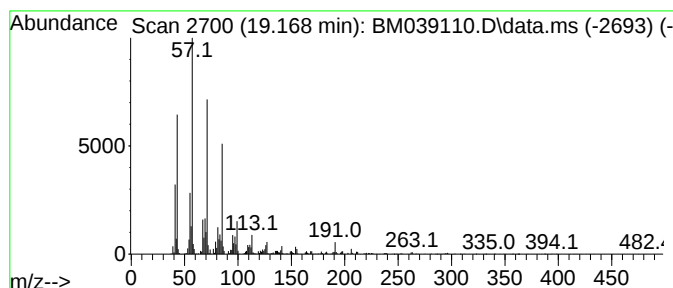
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.168	19.37 ng	3538770	Phenanthrene-d10		17.357	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	95
2	2-Bromo dodecane		248	C12H25Br	013187-99-0	91
3	Hexacosane		366	C26H54	000630-01-3	90
4	Tetracosane		338	C24H50	000646-31-1	87
5	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039110.D
Acq On : 23 Mar 2023 02:23
Operator : CG/JU
Sample : 02033-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-1-032123

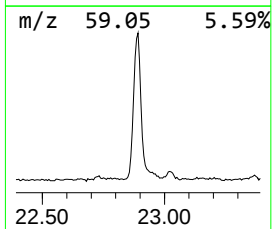
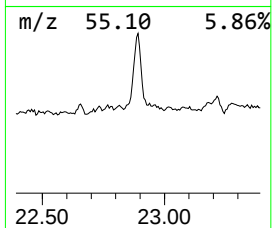
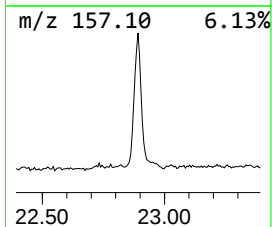
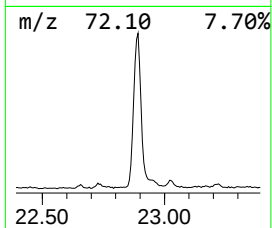
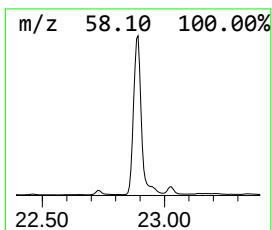
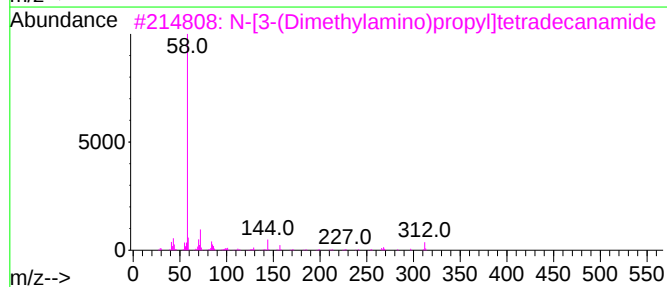
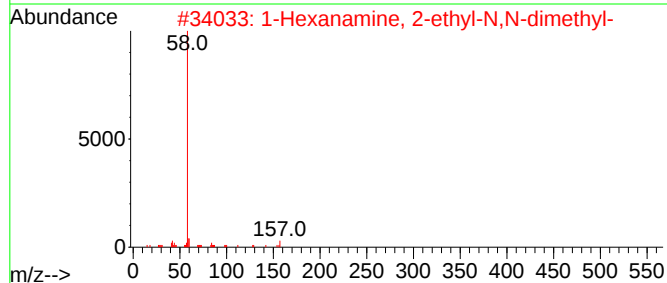
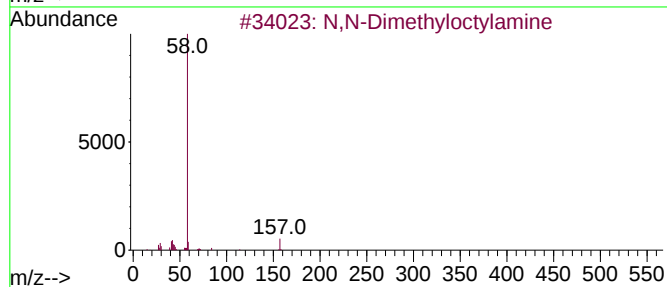
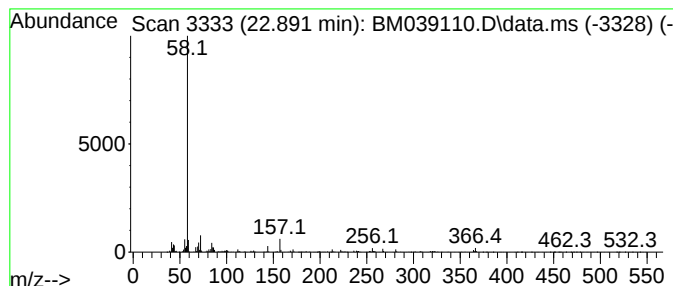
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 N,N-Dimethyloctylamine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.892	9.46 ng	4350980	Perylene-d12	23.985

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2			1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
3			N-[3-(Dimethylamino)propyl]tetra...	312	C19H40N2O	045267-19-4	72
4			Tetradonium Bromide	335	C17H38BrN	001119-97-7	64
5			Benzedrex	155	C10H21N	000101-40-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039110.D
Acq On : 23 Mar 2023 02:23
Operator : CG/JU
Sample : 02033-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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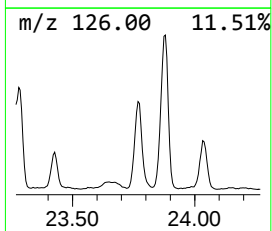
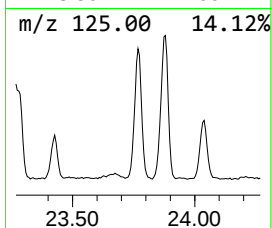
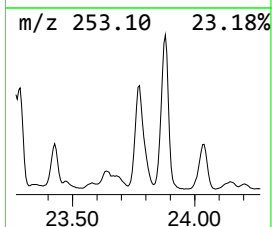
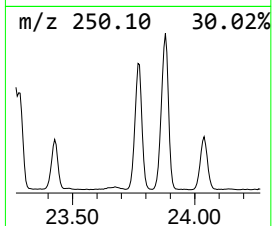
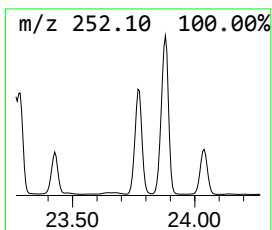
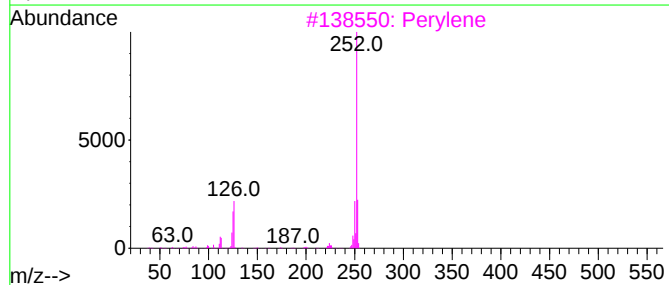
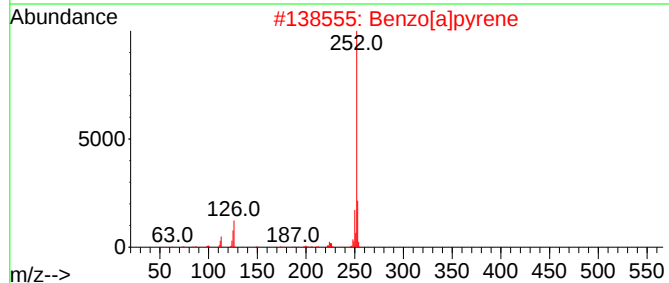
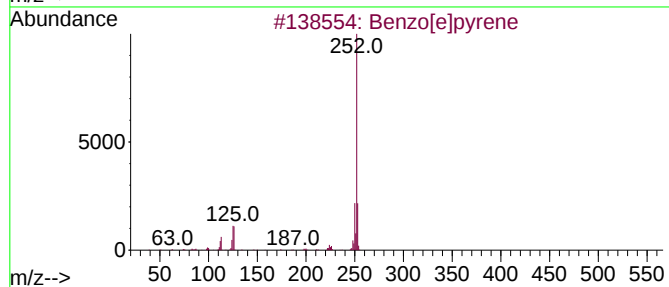
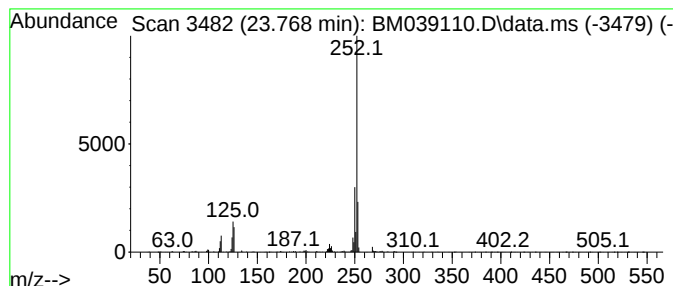
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.768	12.69 ng	5835800	Perylene-d12	23.985

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[a]pyrene	252	C20H12	000050-32-8	98
3			Perylene	252	C20H12	000198-55-0	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
 Data File : BM039110.D
 Acq On : 23 Mar 2023 02:23
 Operator : CG/JU
 Sample : 02033-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.057	10.3	ng	1287960	1	7.969	2503750	20.0
Undecane	9.198	14.0	ng	1750200	1	7.969	2503750	20.0
1H-Indene, 2,3-...	11.698	9.0	ng	1172740	2	10.781	2600920	20.0
Dodecane, 4,6-d...	11.798	9.2	ng	1199800	2	10.781	2600920	20.0
Naphthalene, 1,...	11.975	10.2	ng	1320650	2	10.781	2600920	20.0
Tridecane	12.198	29.6	ng	3844280	2	10.781	2600920	20.0
Tetradecane	13.433	22.4	ng	3970150	3	14.610	3545690	20.0
Heneicosane	14.504	22.4	ng	3966760	3	14.610	3545690	20.0
Hexadecane	15.451	20.1	ng	3569260	3	14.610	3545690	20.0
Dodecane, 6-met...	15.857	12.6	ng	2237860	3	14.610	3545690	20.0
Nonadecane	16.315	21.5	ng	3926780	4	17.357	3654400	20.0
Heptadecane	17.104	15.3	ng	2803460	4	17.357	3654400	20.0
Tetracosane	17.157	12.2	ng	2228700	4	17.357	3654400	20.0
unknown17.845	17.845	14.3	ng	2609790	4	17.357	3654400	20.0
n-Hexadecanoic ...	18.251	25.8	ng	4705660	4	17.357	3654400	20.0
4H-Cyclopenta[d...]	18.433	13.0	ng	2378300	4	17.357	3654400	20.0
Dodecane, 2-met...	18.539	11.9	ng	2174820	4	17.357	3654400	20.0
Heptadecane, 2,...	19.168	19.4	ng	3538770	4	17.357	3654400	20.0
N,N-Dimethyloct...	22.892	9.5	ng	4350980	6	23.985	9195750	20.0
Benzo[e]pyrene	23.768	12.7	ng	5835800	6	23.985	9195750	20.0