

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
 Data File : BM039398.D
 Acq On : 11 Apr 2023 17:59
 Operator : CG/JU
 Sample : 02268-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 50002-TOTE

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-BM032923.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039398.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.069	652	660	668	rVB3	343034	818375	1.31%	0.196%
2	7.475	723	729	732	rBV	715567	1112501	1.78%	0.266%
3	7.863	791	795	800	rVB	683701	1039907	1.66%	0.249%
4	8.504	898	904	910	rBV3	472028	922953	1.48%	0.221%
5	8.969	978	983	989	rVB	423507	642699	1.03%	0.154%
6	9.052	989	997	999	rBV3	292129	697407	1.11%	0.167%
7	9.087	999	1003	1013	rVB	2031476	3165803	5.06%	0.757%
8	9.204	1013	1023	1031	rBV6	657411	1911837	3.06%	0.457%
9	9.916	1140	1144	1147	rBV	424414	720447	1.15%	0.172%
10	10.016	1155	1161	1165	rBV2	571255	1092764	1.75%	0.261%
11	10.081	1165	1172	1179	rVV4	535693	1546352	2.47%	0.370%
12	10.304	1205	1210	1216	rVB	486162	828886	1.33%	0.198%
13	10.640	1261	1267	1271	rBV	3151110	5378666	8.60%	1.287%
14	10.722	1277	1281	1288	rVV2	461222	883431	1.41%	0.211%
15	10.828	1295	1299	1305	rVB	892463	1335771	2.14%	0.320%
16	11.145	1348	1353	1359	rVB2	385309	780134	1.25%	0.187%
17	11.504	1409	1414	1421	rVB5	588718	1171443	1.87%	0.280%
18	11.587	1423	1428	1435	rVB3	913054	1579901	2.53%	0.378%
19	11.693	1441	1446	1450	rBV	1027296	1582409	2.53%	0.379%
20	11.863	1470	1475	1485	rBV3	836479	1741874	2.78%	0.417%
21	12.092	1508	1514	1521	rBV	3780423	5692919	9.10%	1.362%
22	12.340	1553	1556	1561	rVB	634354	882971	1.41%	0.211%
23	12.557	1587	1593	1595	rBV2	585484	1091019	1.74%	0.261%
24	12.587	1596	1598	1603	rVB	726742	1002965	1.60%	0.240%
25	12.775	1626	1630	1634	rBV4	383786	879901	1.41%	0.210%
26	12.904	1649	1652	1657	rBV4	640265	1006114	1.61%	0.241%
27	12.992	1664	1667	1671	rBV3	656172	974620	1.56%	0.233%
28	13.045	1673	1676	1683	rVB2	1126984	1709939	2.73%	0.409%
29	13.339	1721	1726	1734	rVB	4433348	6501823	10.39%	1.555%
30	13.463	1744	1747	1751	rVB3	559898	729946	1.17%	0.175%
31	13.675	1777	1783	1795	rVB6	504090	1754461	2.80%	0.420%
32	13.845	1807	1812	1815	rBV2	593583	1165119	1.86%	0.279%
33	13.992	1830	1837	1841	rBV2	1492145	2807367	4.49%	0.672%
34	14.034	1841	1844	1849	rBV4	962321	1328634	2.12%	0.318%
35	14.110	1854	1857	1862	rVB3	559377	778482	1.24%	0.186%
36	14.239	1876	1879	1883	rBV	588583	850248	1.36%	0.203%

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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-BM032923.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.410	1903	1908	1914	rBV	5372645	7522007	12.02%	1.799%
38	14.486	1918	1921	1922	rVV2	637728	791749	1.27%	0.189%
39	14.516	1923	1926	1933	rVB	1713900	2778882	4.44%	0.665%
40	14.581	1934	1937	1940	rBV	637881	785030	1.25%	0.188%
41	14.916	1990	1994	1998	rBV2	1062678	1588137	2.54%	0.380%
42	15.033	2010	2014	2019	rVB3	867215	1341279	2.14%	0.321%
43	15.363	2066	2070	2075	rVB	5251434	6393023	10.22%	1.529%
44	15.569	2101	2105	2110	rVB	1178949	1741659	2.78%	0.417%
45	15.928	2162	2166	2170	rBV3	906801	1490462	2.38%	0.357%
46	16.227	2213	2217	2228	rBV	5279859	9964814	15.93%	2.384%
47	16.422	2247	2250	2257	rVB	1847542	2318716	3.71%	0.555%
48	16.504	2261	2264	2267	rVB2	826057	1018528	1.63%	0.244%
49	17.022	2348	2352	2357	rBV	4586487	5759837	9.21%	1.378%
50	17.075	2357	2361	2371	rVB3	1972369	3920312	6.27%	0.938%
51	17.169	2372	2377	2382	rBV	3878844	5446732	8.71%	1.303%
52	17.275	2389	2395	2398	rBV2	5717882	9283368	14.84%	2.221%
53	17.322	2398	2403	2413	rVB2	7483401	14658569	23.43%	3.507%
54	17.404	2413	2417	2419	rBV	2251864	3044159	4.87%	0.728%
55	17.433	2419	2422	2429	rVB	2898557	4267626	6.82%	1.021%
56	17.633	2452	2456	2461	rBV	5252504	7661830	12.25%	1.833%
57	17.769	2475	2479	2482	rBV	3769244	5423268	8.67%	1.297%
58	17.951	2502	2510	2514	rBV2	29792541	62553140	100.00%	14.964%
59	18.063	2527	2529	2533	rVB	1744522	1906249	3.05%	0.456%
60	18.180	2545	2549	2560	rVB4	4570275	10025962	16.03%	2.398%
61	18.363	2576	2580	2592	rVB2	3946453	8396104	13.42%	2.008%
62	18.463	2593	2597	2600	rBV	3483331	4301152	6.88%	1.029%
63	18.645	2623	2628	2632	rBV	8031673	10834726	17.32%	2.592%
64	19.092	2699	2704	2709	rBV2	25386307	61219809	97.87%	14.645%
65	19.210	2721	2724	2727	rBV3	2108431	2256015	3.61%	0.540%
66	19.257	2728	2732	2737	rVV	18097804	23677853	37.85%	5.664%
67	19.339	2739	2746	2755	rVB2	9602011	20891357	33.40%	4.998%
68	19.674	2800	2803	2805	rBV3	3010499	3434301	5.49%	0.822%
69	19.704	2805	2808	2818	rVB	6778585	10627784	16.99%	2.542%
70	20.210	2891	2894	2897	rVB3	2936586	3528930	5.64%	0.844%
71	20.351	2915	2918	2925	rVB5	3248974	5081428	8.12%	1.216%
72	21.457	3102	3106	3112	rBV3	6060283	8740303	13.97%	2.091%
73	21.633	3133	3136	3143	rVB3	4052392	6572283	10.51%	1.572%
74	21.710	3146	3149	3153	rVB3	3133926	4189529	6.70%	1.002%
75	21.892	3176	3180	3186	rVB3	3184162	4994757	7.98%	1.195%
76	22.168	3223	3227	3231	rBV4	3344809	5059644	8.09%	1.210%

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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-BM032923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	22.457	3273	3276	3282	rVB2	2809504	4427300	7.08%	1.059%
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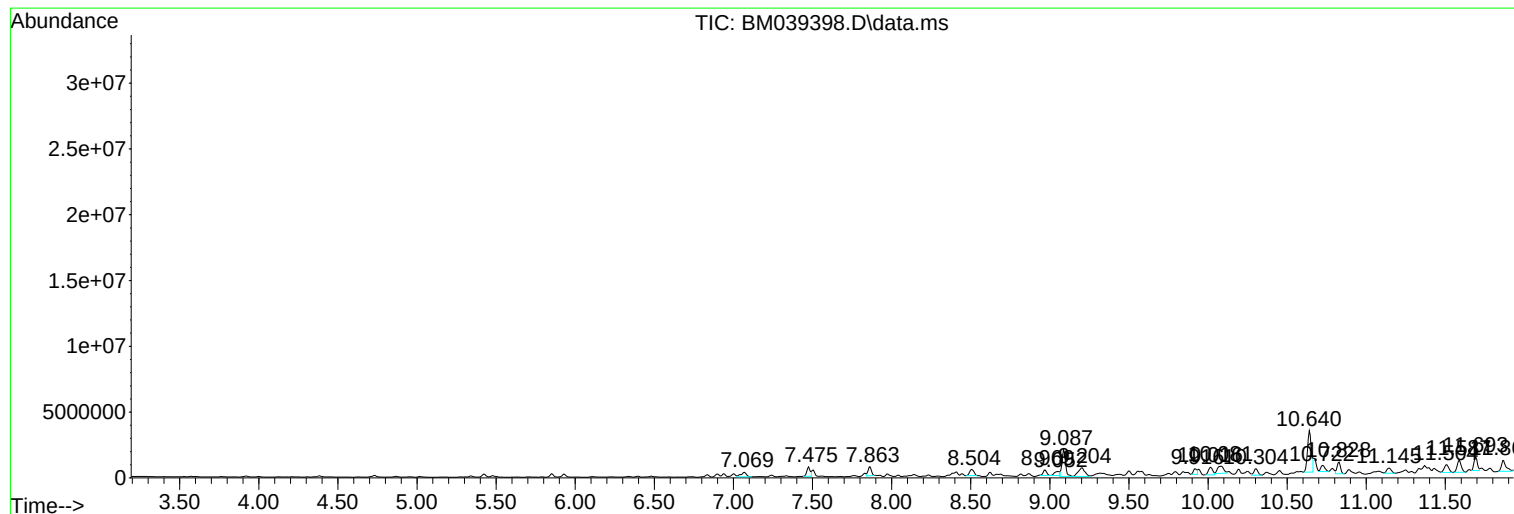
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Instrument :
BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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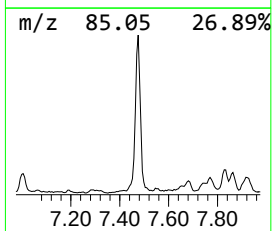
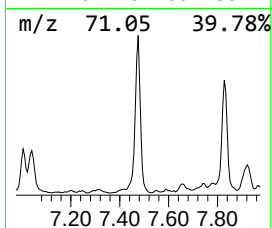
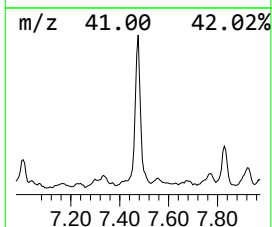
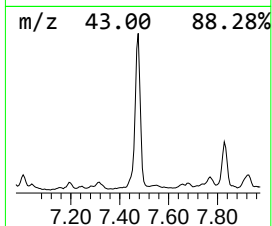
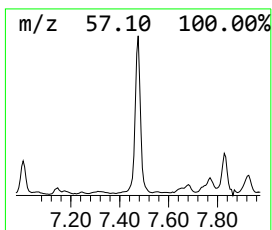
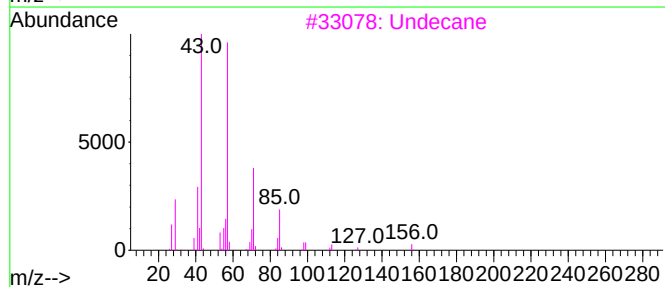
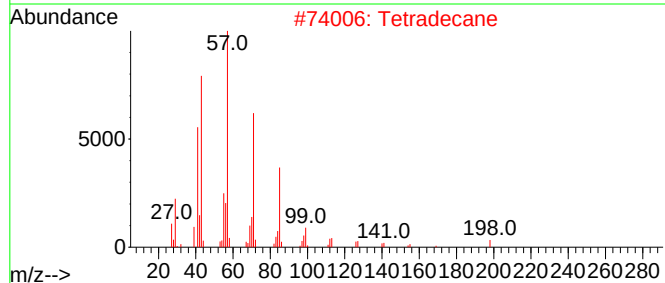
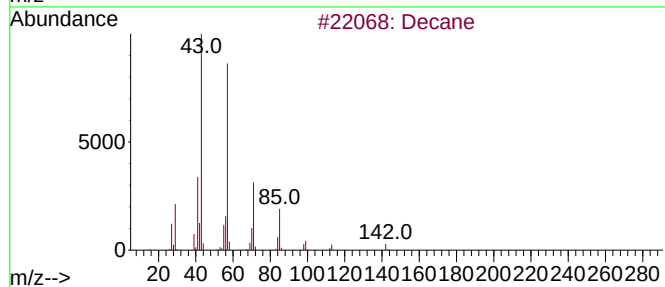
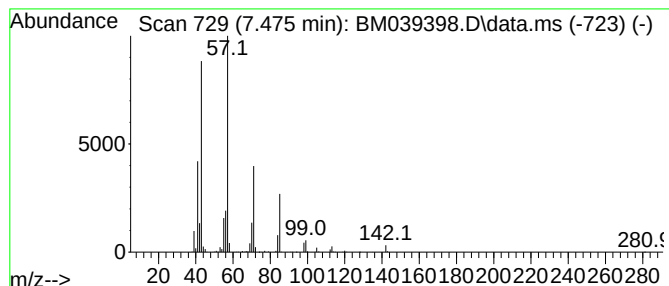
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.475	21.40 ng	1112500	1,4-Dichlorobenzene-d4	7.863

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane	142	C10H22	000124-18-5	87
2		Tetradecane	198	C14H30	000629-59-4	83
3		Undecane	156	C11H24	001120-21-4	78
4		Hexadecane	226	C16H34	000544-76-3	78
5		Heptadecane	240	C17H36	000629-78-7	78



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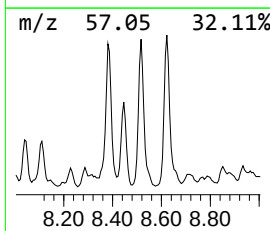
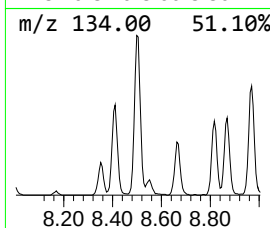
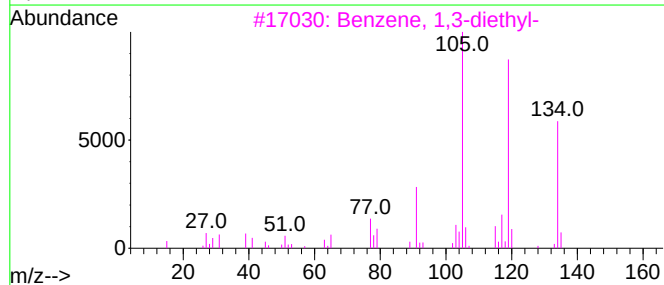
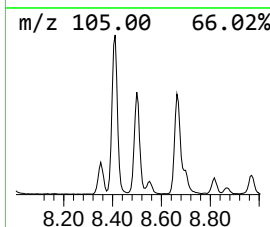
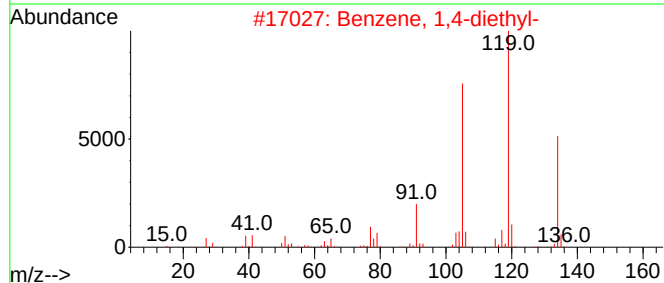
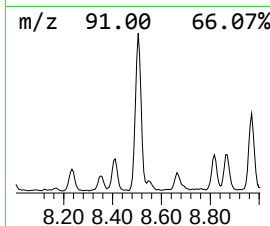
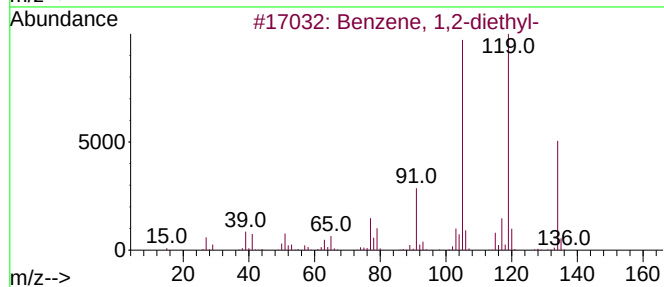
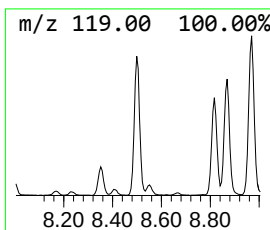
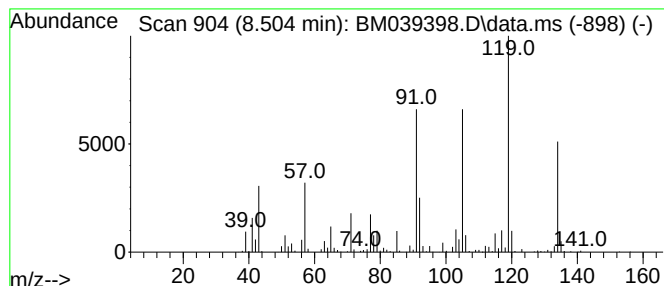
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1,2-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.504	17.75 ng	922953	1,4-Dichlorobenzene-d4	7.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



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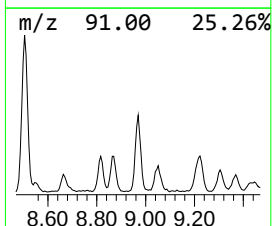
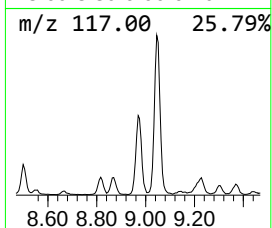
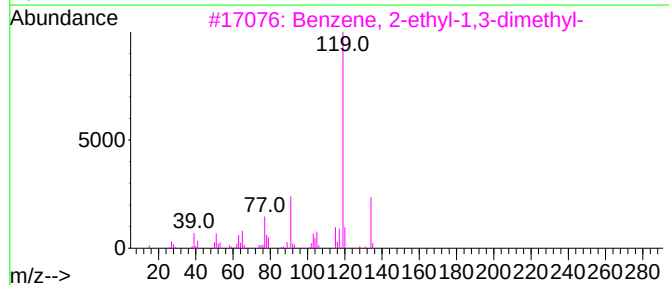
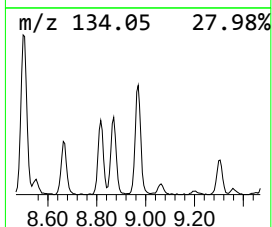
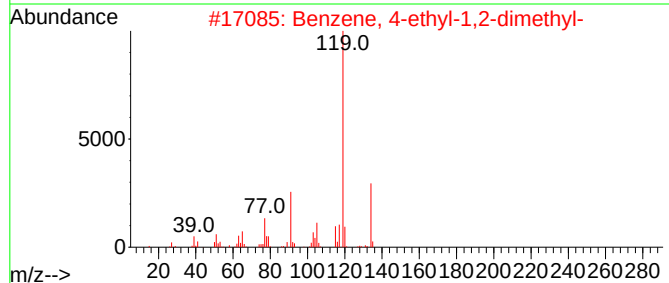
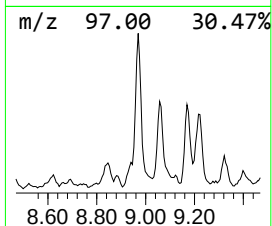
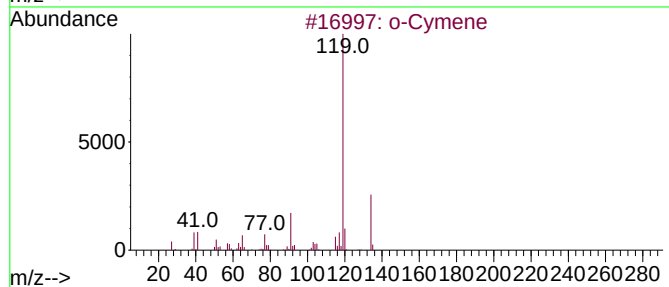
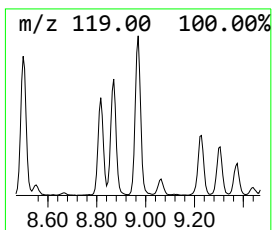
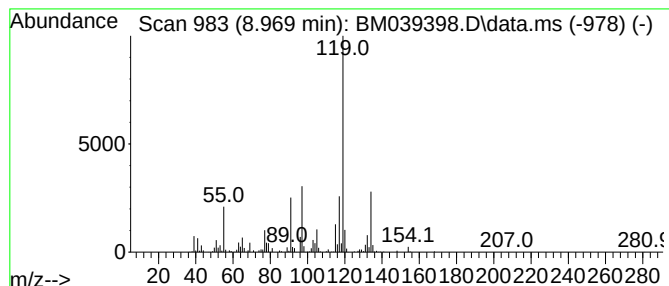
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 o-Cymene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.969	12.36 ng	642699	1,4-Dichlorobenzene-d4	7.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	94
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	86
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76



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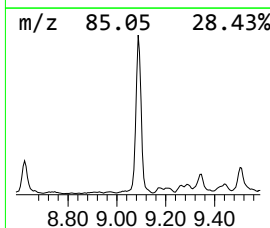
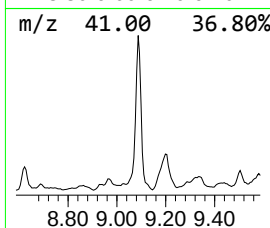
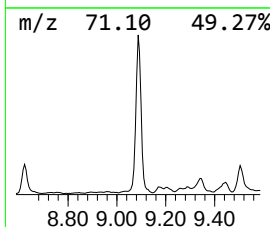
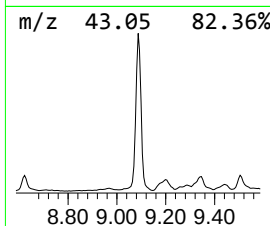
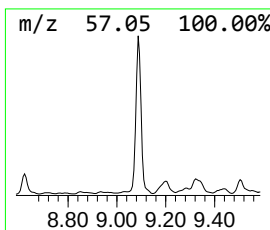
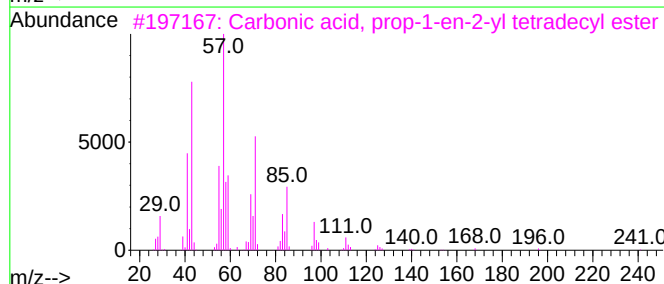
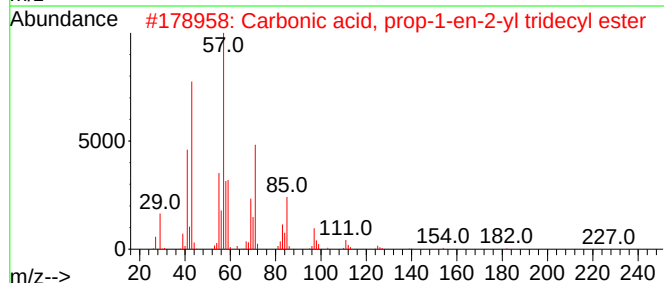
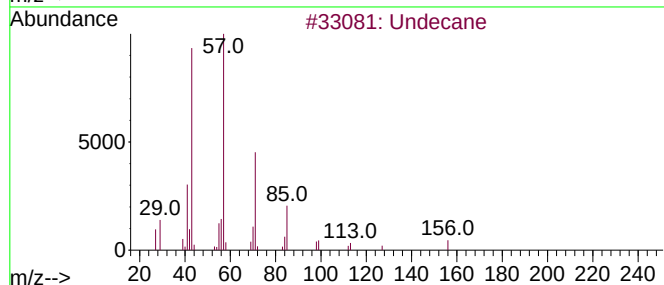
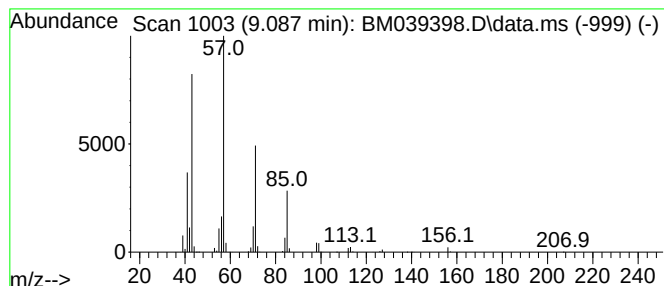
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.087	60.89 ng	3165800	1,4-Dichlorobenzene-d4	7.863

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	Tridecane			184	C13H28	000629-50-5	86
5	Tetradecane			198	C14H30	000629-59-4	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039398.D
Acq On : 11 Apr 2023 17:59
Operator : CG/JU
Sample : 02268-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
50002-TOTE

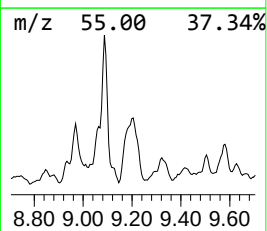
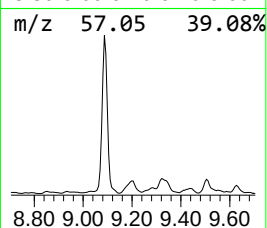
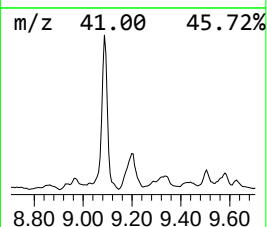
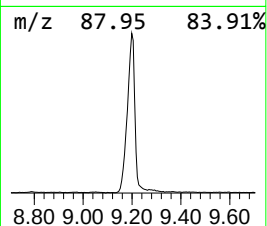
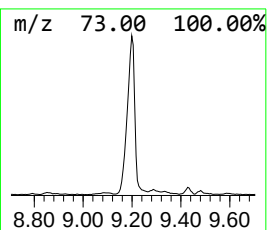
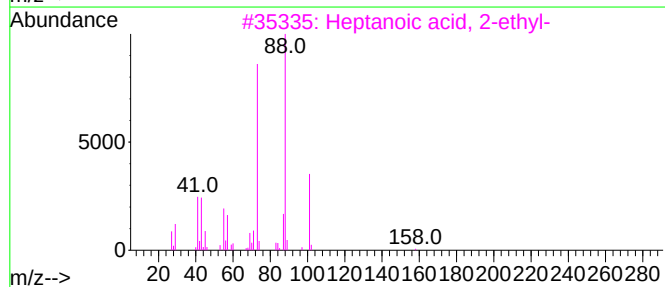
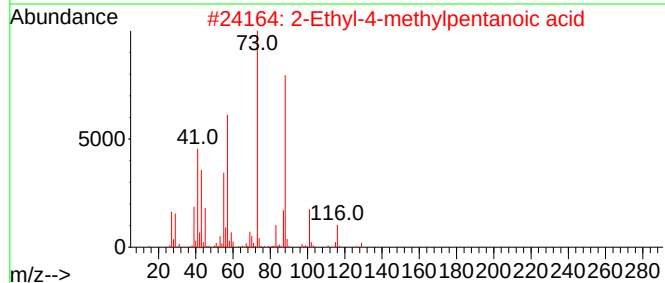
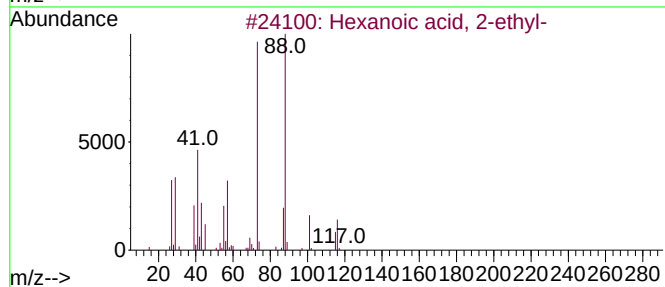
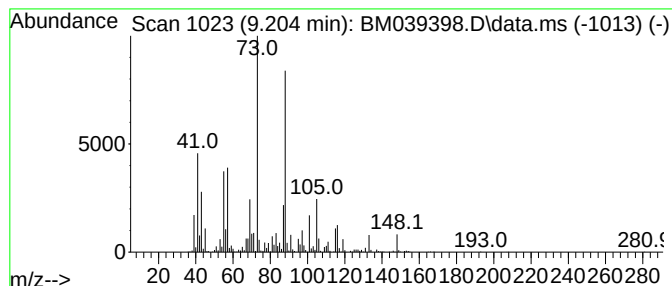
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.204	36.77 ng	1911840	1,4-Dichlorobenzene-d4	7.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
2			2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	59
3			Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	50
4			Urea, ethyl-	88	C3H8N2O	000625-52-5	43
5			Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039398.D
Acq On : 11 Apr 2023 17:59
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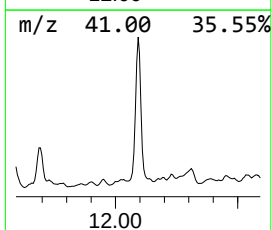
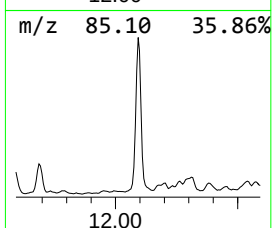
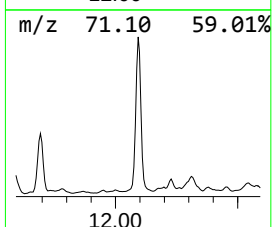
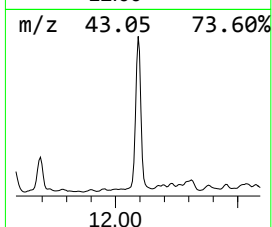
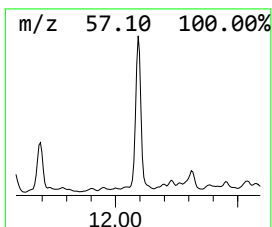
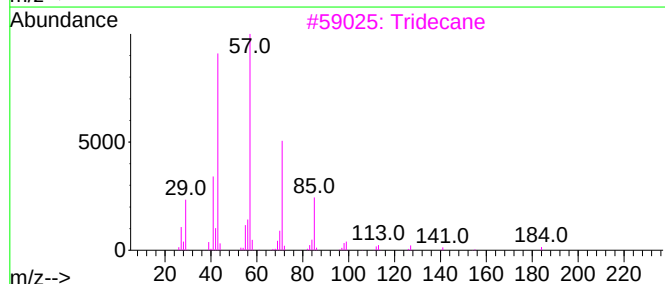
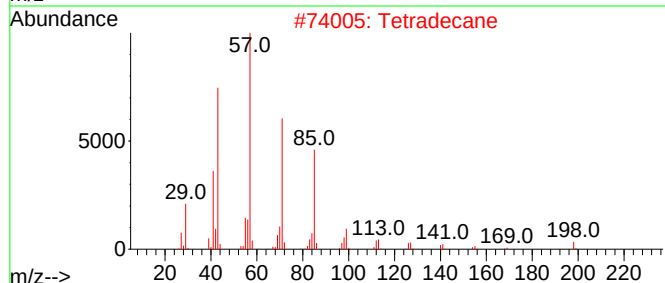
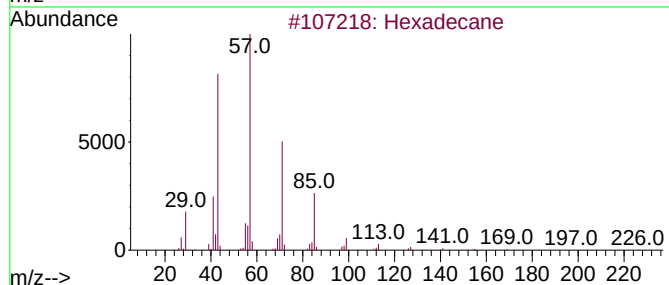
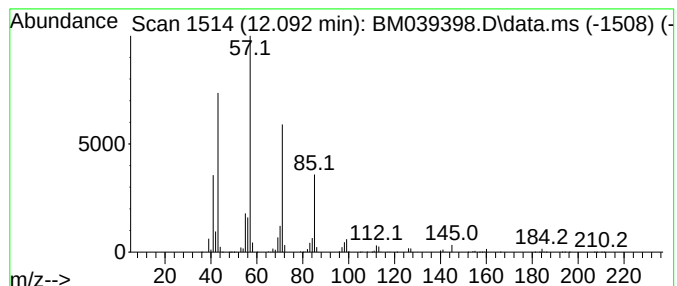
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	21.17 ng	5692920	Naphthalene-d8	10.675

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Tetradecane	198	C14H30	000629-59-4	90
3			Tridecane	184	C13H28	000629-50-5	76
4			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039398.D
Acq On : 11 Apr 2023 17:59
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ClientSampleId :
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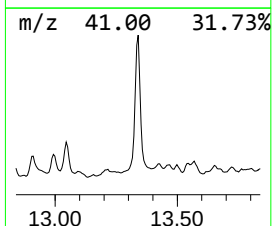
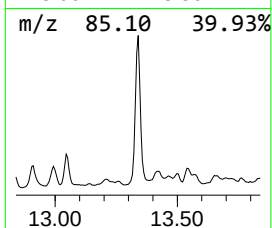
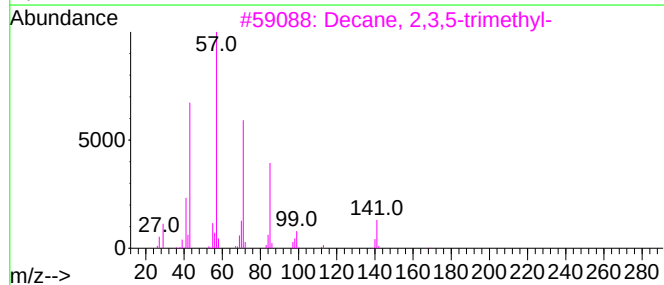
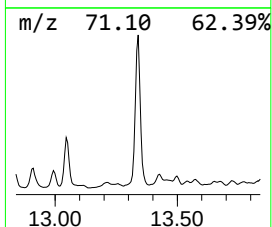
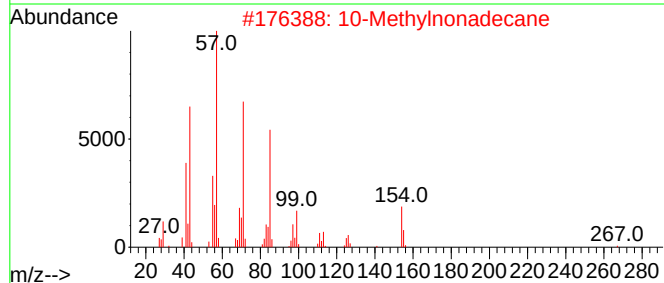
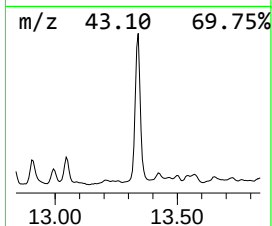
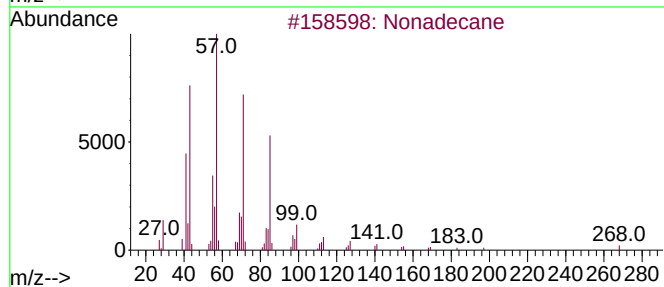
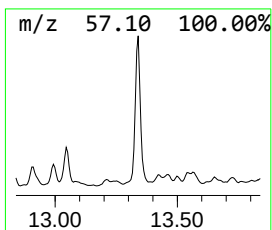
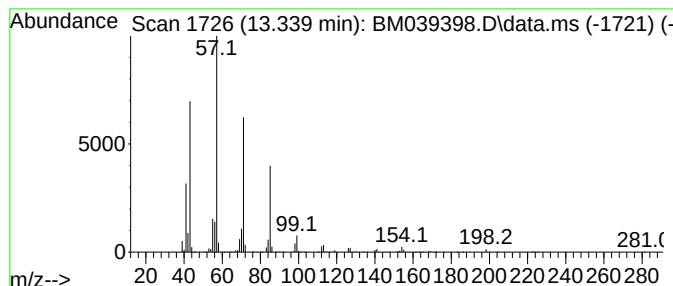
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.339	46.79 ng	6501820	Acenaphthene-d10	14.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	90
2			10-Methylnonadecane	282	C20H42	056862-62-5	83
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4			Hexadecane	226	C16H34	000544-76-3	72
5			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039398.D
Acq On : 11 Apr 2023 17:59
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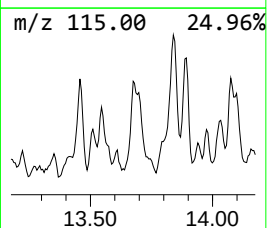
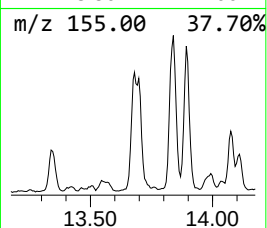
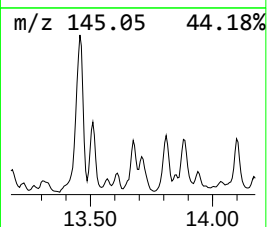
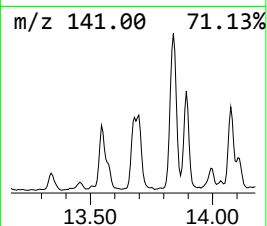
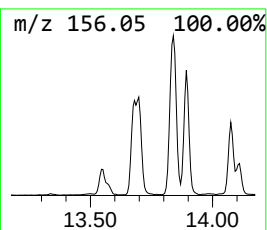
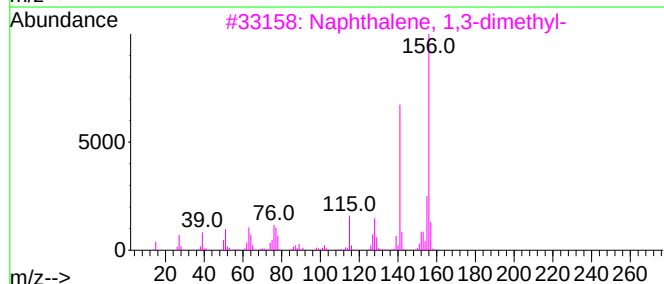
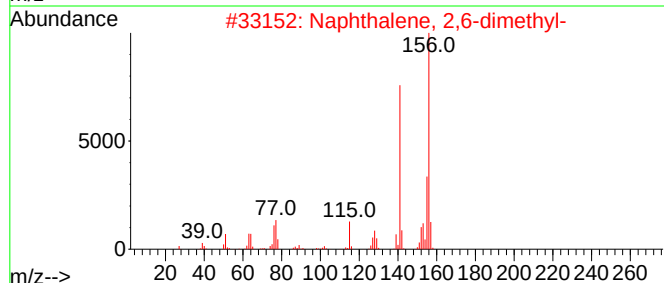
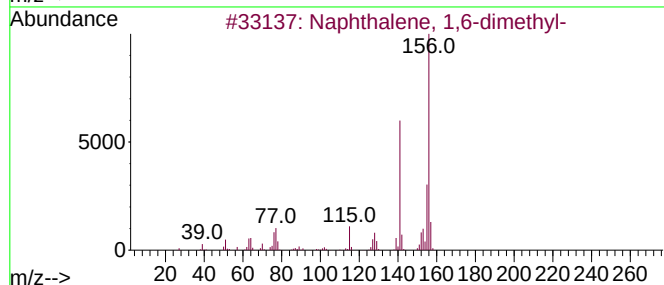
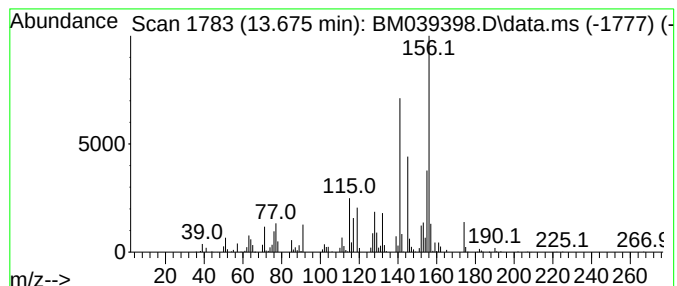
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.675	12.63 ng	1754460	Acenaphthene-d10	14.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039398.D
Acq On : 11 Apr 2023 17:59
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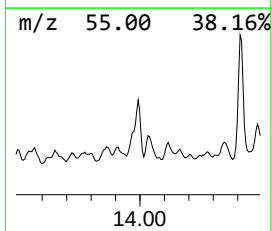
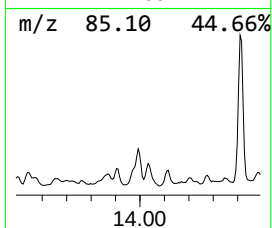
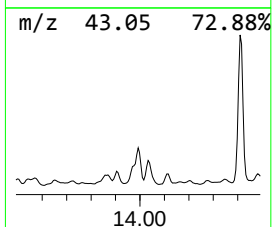
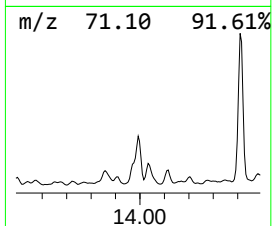
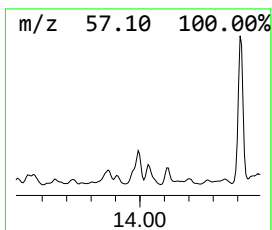
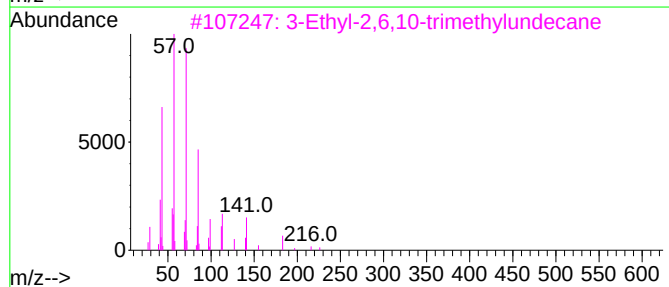
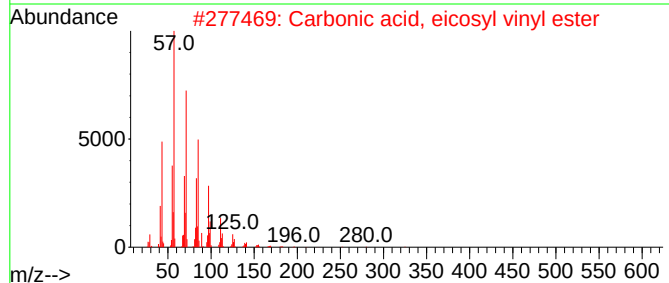
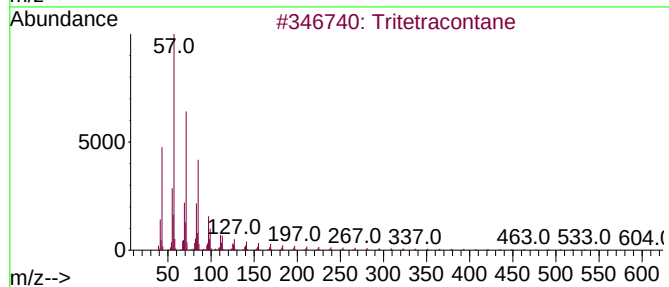
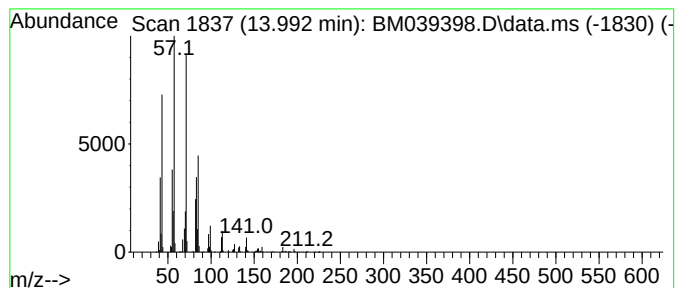
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tritetracontane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.992	20.20 ng	2807370	Acenaphthene-d10	14.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tritetracontane	605	C43H88	007098-21-7	86
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	83
3			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
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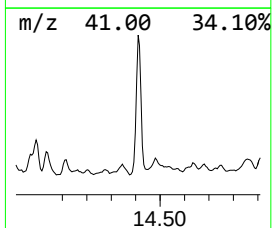
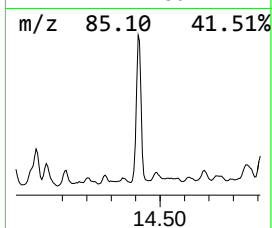
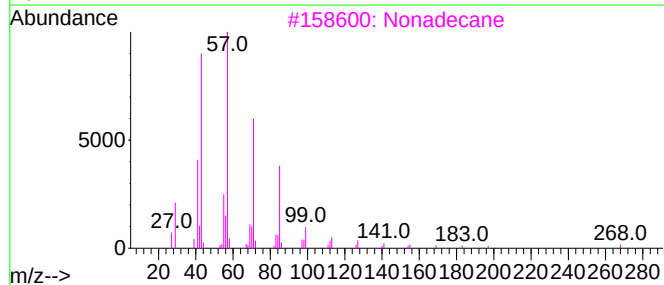
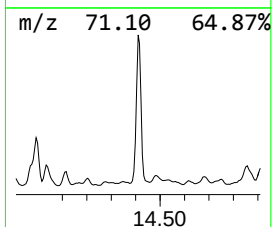
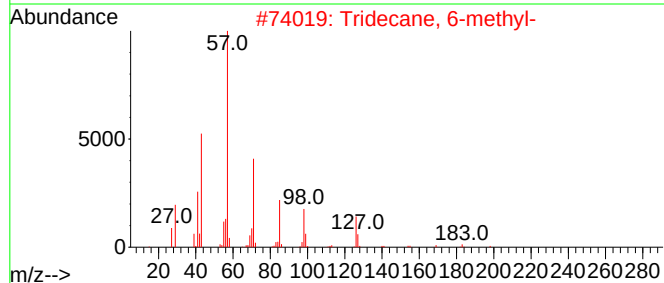
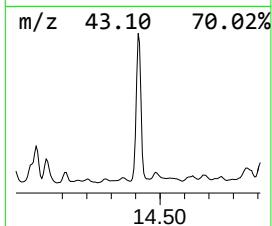
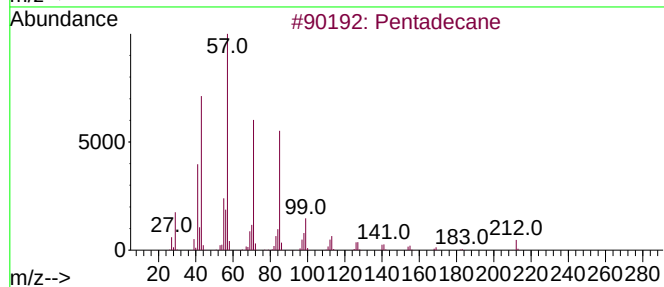
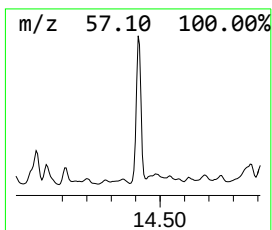
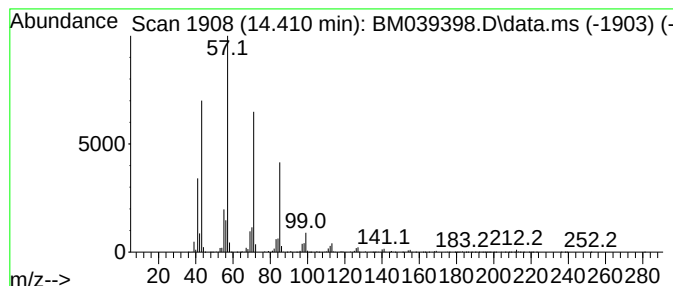
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.410	54.14 ng	7522010	Acenaphthene-d10	14.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	92
2			Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
3			Nonadecane	268	C19H40	000629-92-5	90
4			Heptadecane	240	C17H36	000629-78-7	83
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
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Sample : 02268-01
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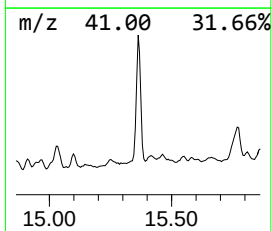
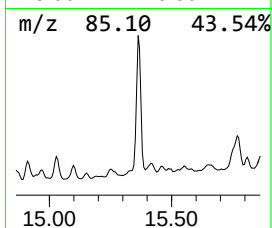
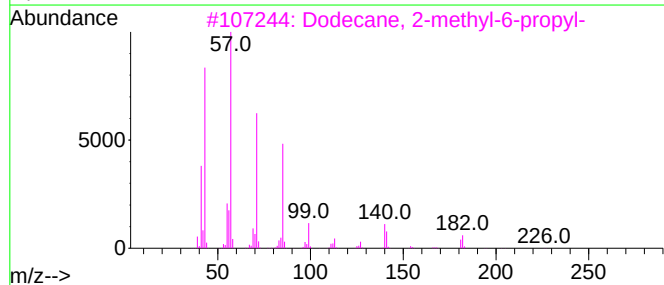
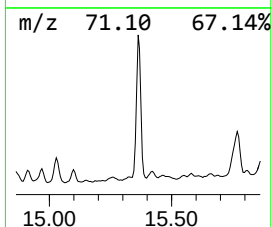
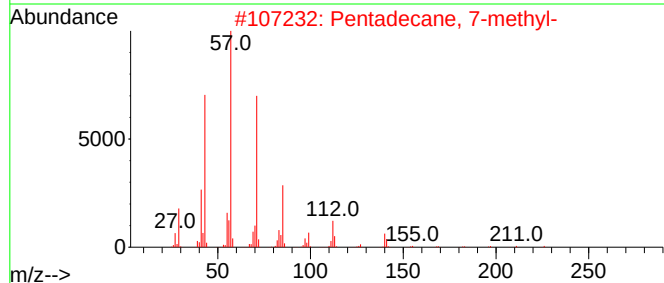
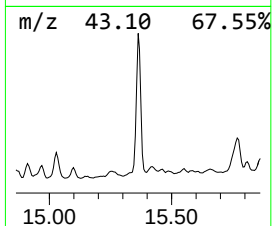
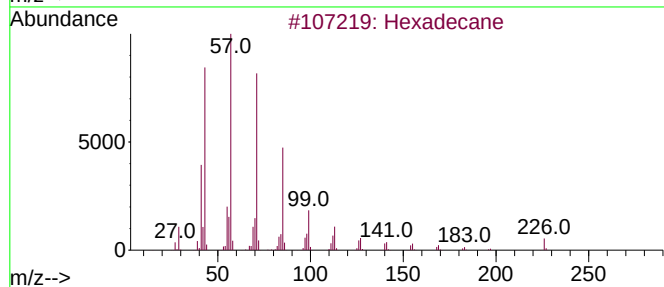
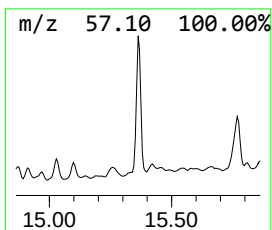
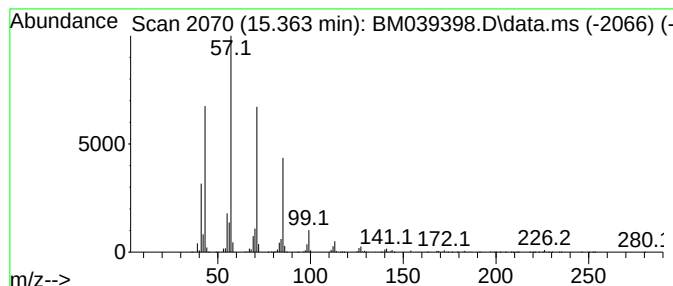
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.363	46.01 ng	6393020	Acenaphthene-d10	14.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4			Tetradecane	198	C14H30	000629-59-4	78
5			Tridecane	184	C13H28	000629-50-5	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039398.D
Acq On : 11 Apr 2023 17:59
Operator : CG/JU
Sample : 02268-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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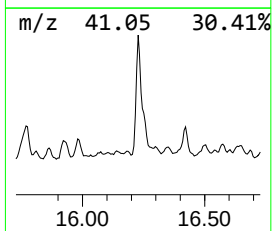
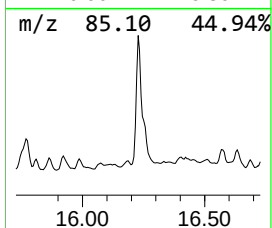
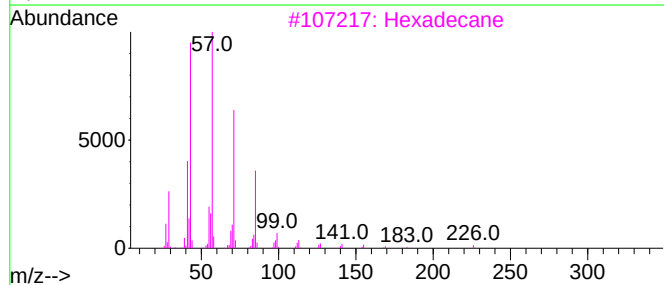
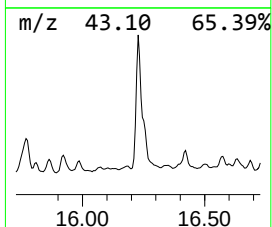
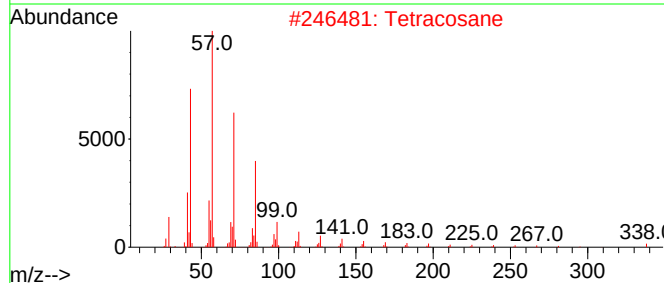
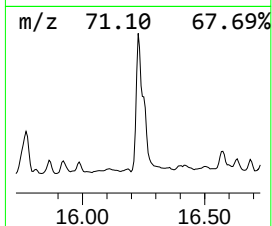
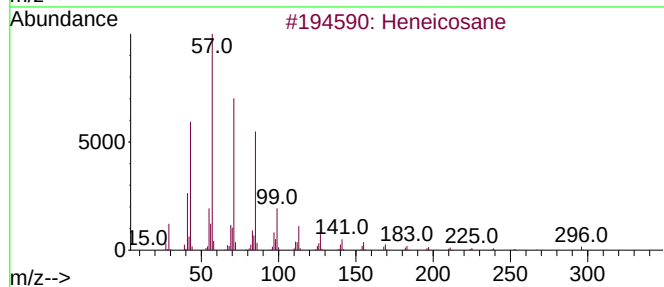
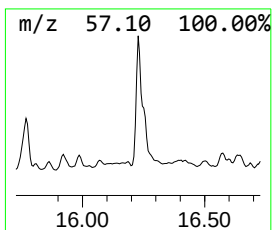
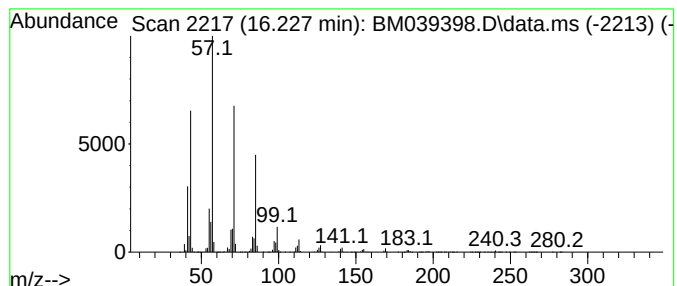
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.227	21.47 ng	9964810	Phenanthrene-d10	17.275

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Tetracosane	338	C24H50	000646-31-1	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Nonadecane	268	C19H40	000629-92-5	87
5			Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039398.D
Acq On : 11 Apr 2023 17:59
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
50002-TOTE

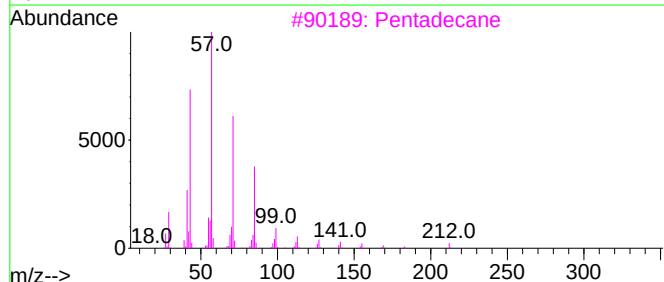
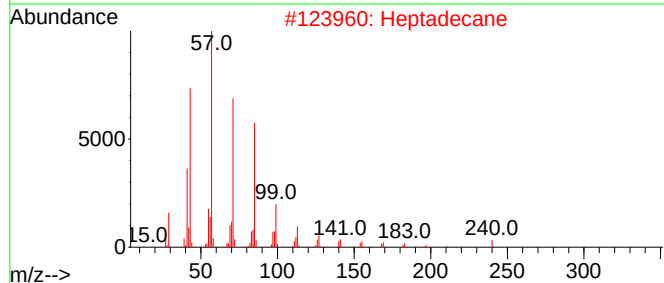
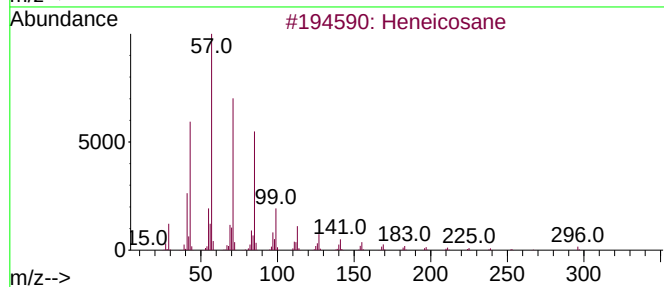
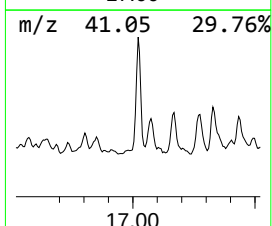
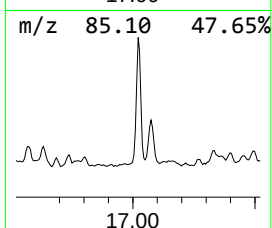
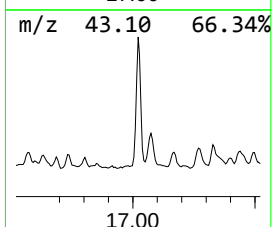
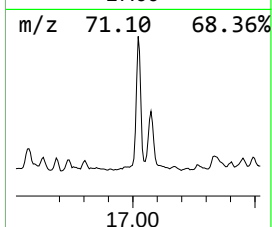
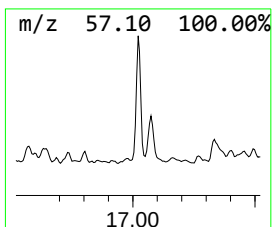
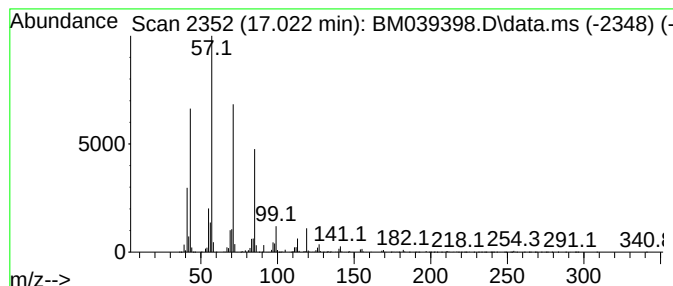
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.022	12.41 ng	5759840	Phenanthrene-d10	17.275

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	87
2			Heptadecane	240	C17H36	000629-78-7	86
3			Pentadecane	212	C15H32	000629-62-9	86
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	81
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039398.D
Acq On : 11 Apr 2023 17:59
Operator : CG/JU
Sample : 02268-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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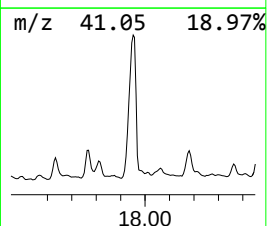
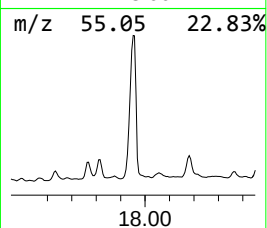
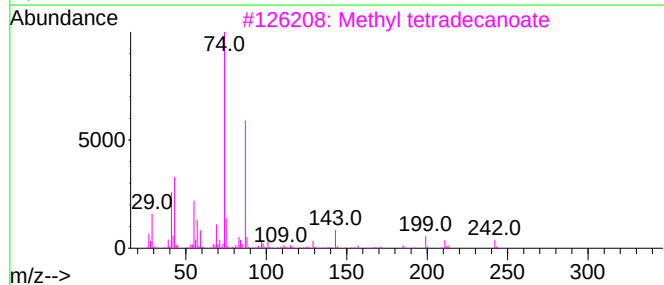
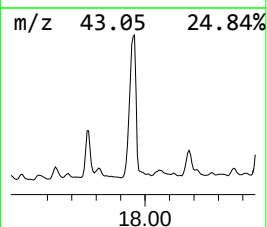
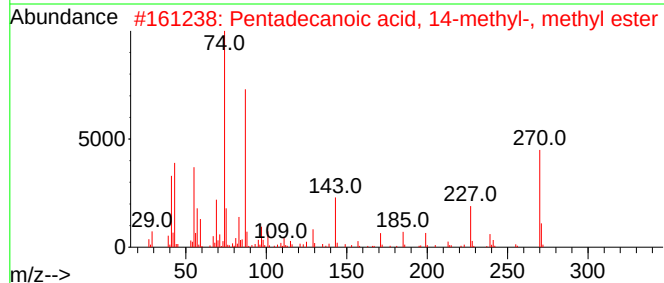
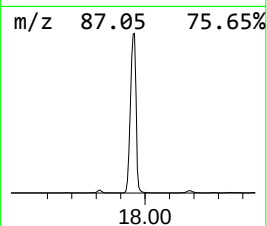
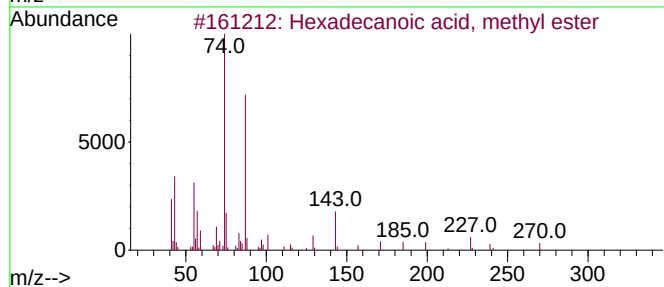
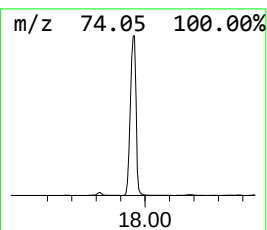
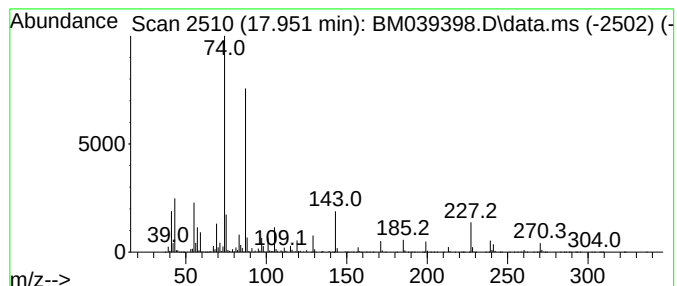
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecanoic acid, methyl e... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.951	134.76 ng	62553100	Phenanthrene-d10	17.275

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3			Methyl tetradecanoate	242	C15H30O2	000124-10-7	83
4			Methyl 8-methyl-nonanoate	186	C11H22O2	1000452-00-9	74
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039398.D
Acq On : 11 Apr 2023 17:59
Operator : CG/JU
Sample : 02268-01
Misc :
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ClientSampleId :
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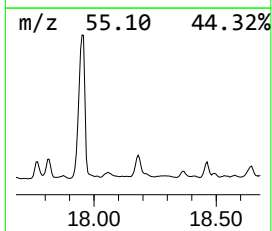
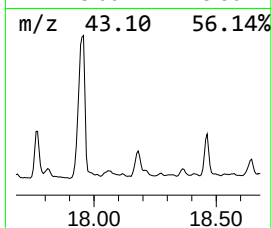
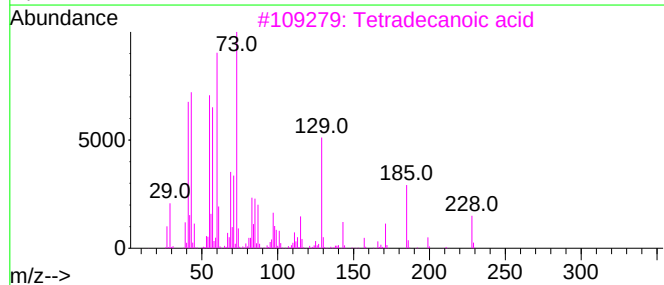
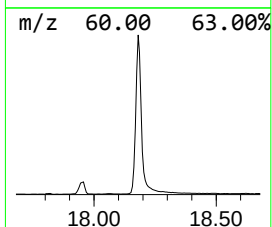
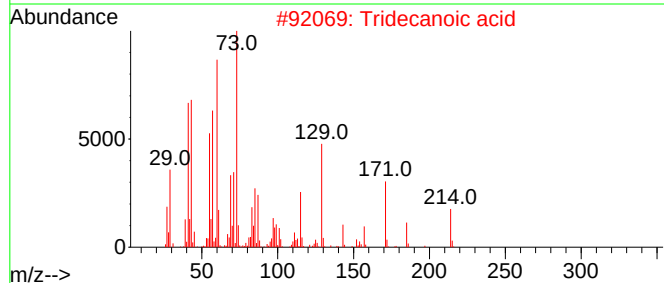
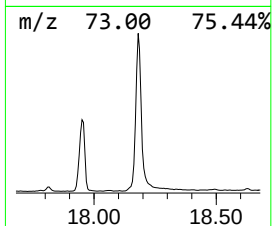
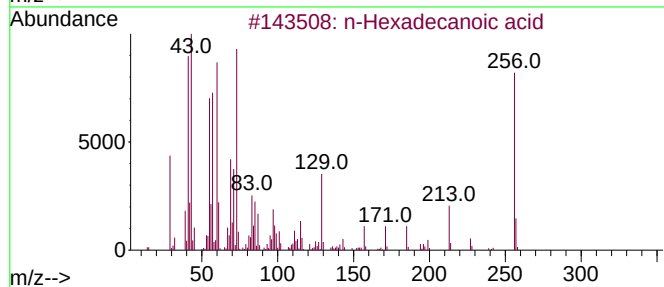
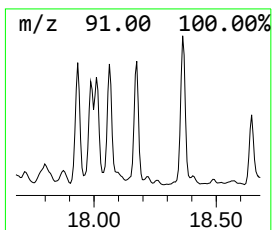
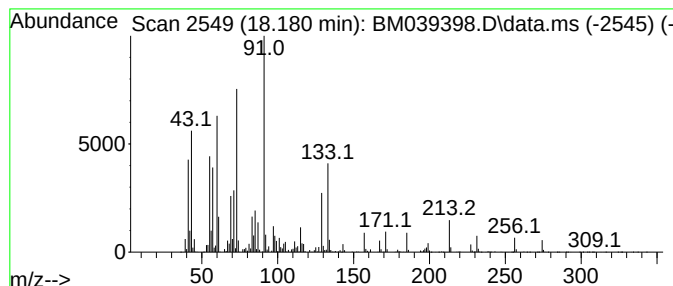
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	21.60 ng	10026000	Phenanthrene-d10	17.275

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	50
5			Dodecanoic acid	200	C12H24O2	000143-07-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039398.D
Acq On : 11 Apr 2023 17:59
Operator : CG/JU
Sample : 02268-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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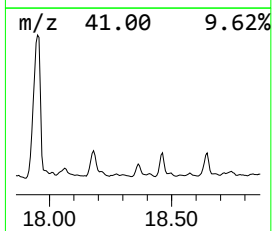
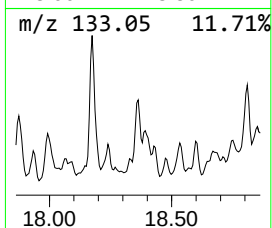
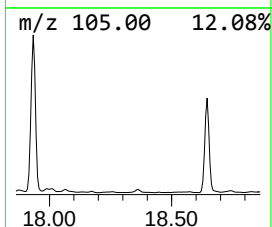
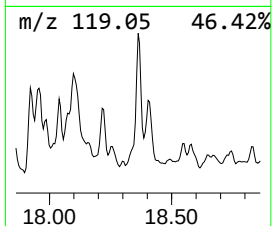
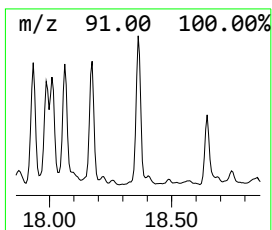
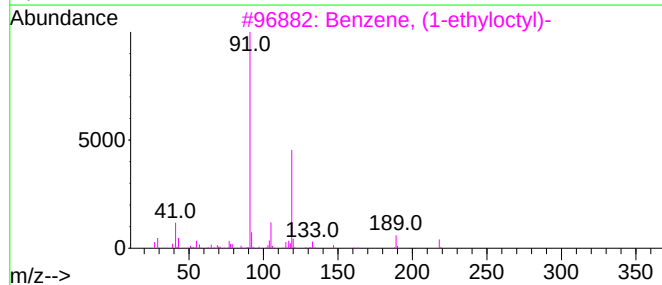
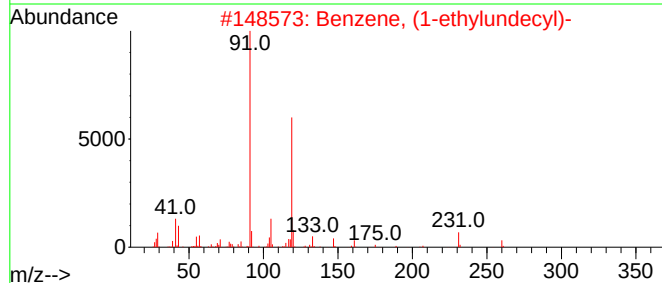
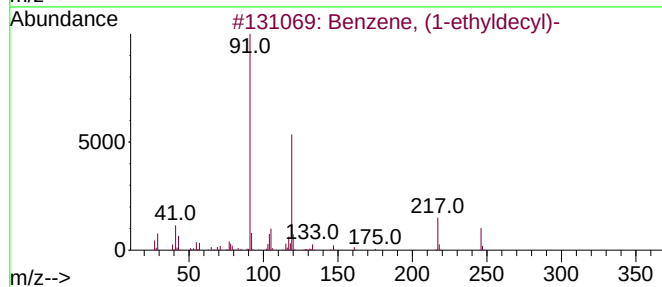
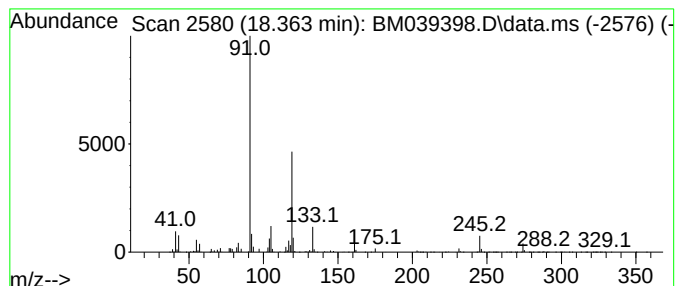
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, (1-ethyldecyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.363	18.09 ng	8396100	Phenanthrene-d10	17.275

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	59
2			Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	59
3			Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	58
4			Diglycolic acid, di(2-acetylphen...	370	C20H18O7	1000382-73-0	50
5			Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039398.D
Acq On : 11 Apr 2023 17:59
Operator : CG/JU
Sample : 02268-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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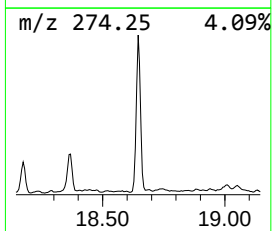
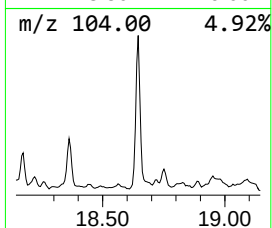
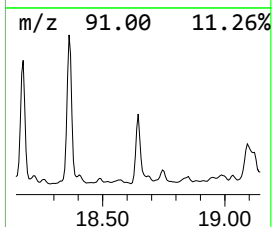
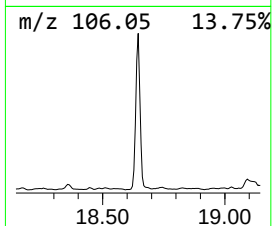
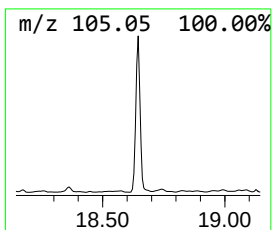
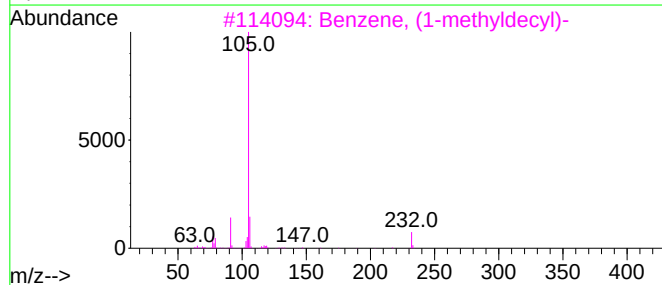
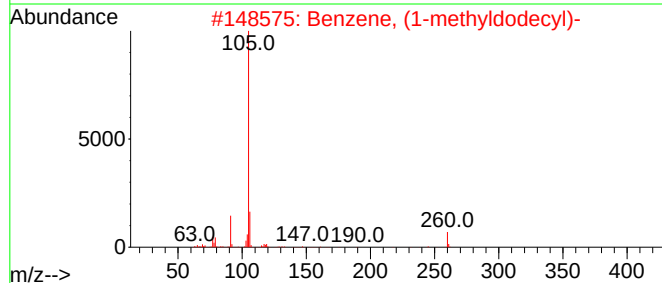
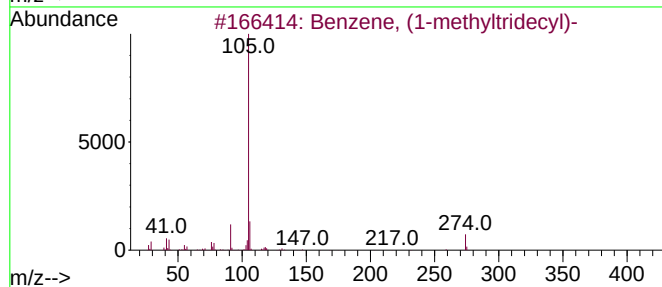
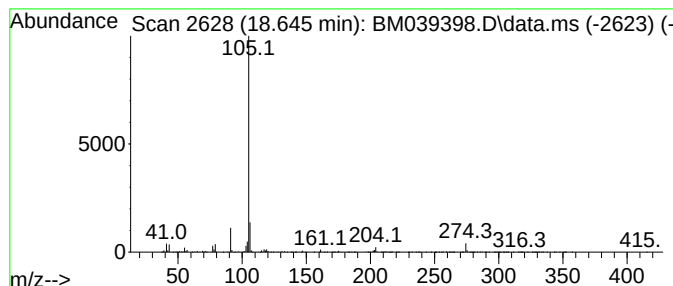
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, (1-methyltridecyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.645	23.34 ng	10834700	Phenanthrene-d10	17.275

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	64
2		Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	60
3		Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	59
4		Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	59
5		Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039398.D
Acq On : 11 Apr 2023 17:59
Operator : CG/JU
Sample : 02268-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
50002-TOTE

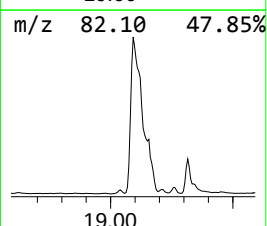
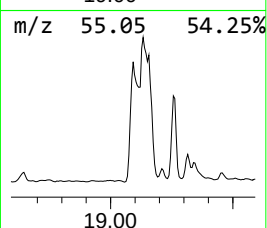
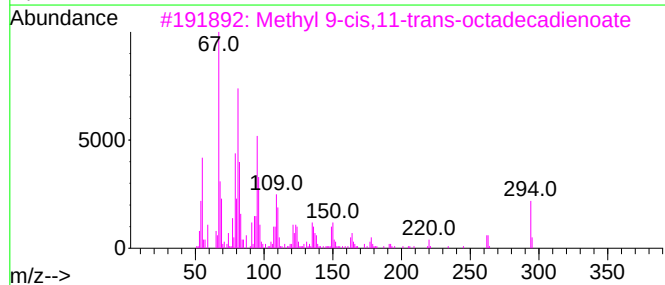
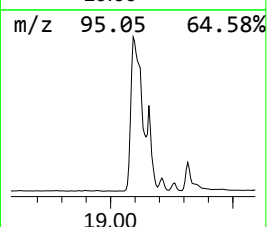
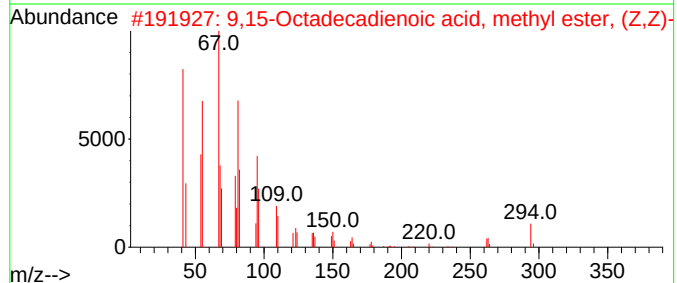
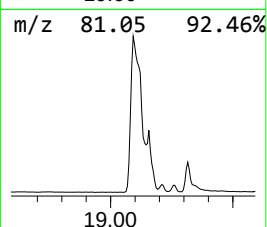
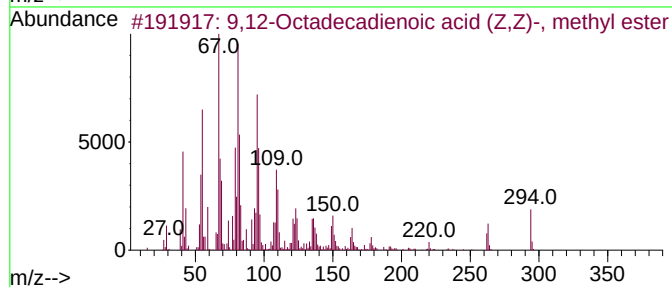
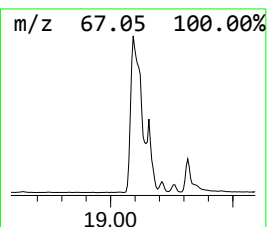
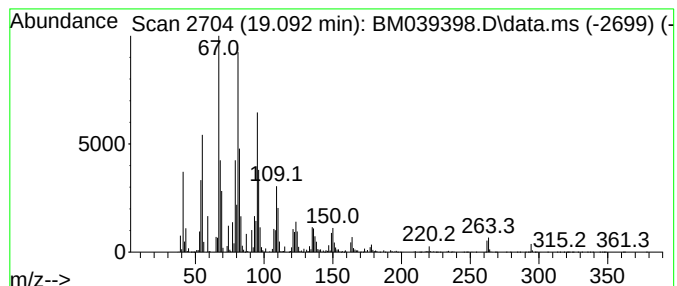
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9,12-Octadecadienoic acid (... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.092	131.89 ng	61219800	Phenanthrene-d10	17.275

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2			9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3			Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
4			Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
5			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039398.D
Acq On : 11 Apr 2023 17:59
Operator : CG/JU
Sample : 02268-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
50002-TOTE

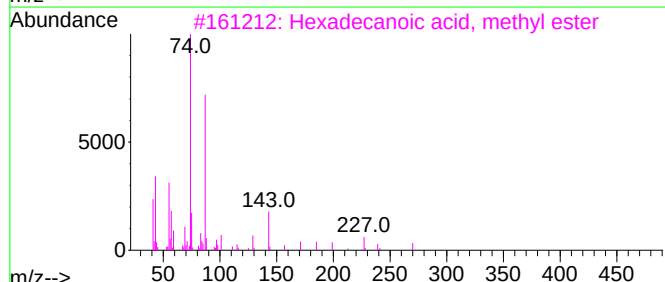
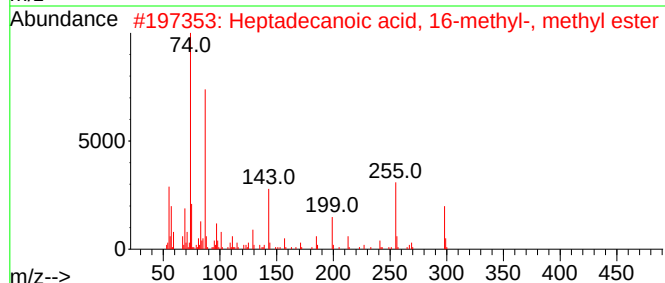
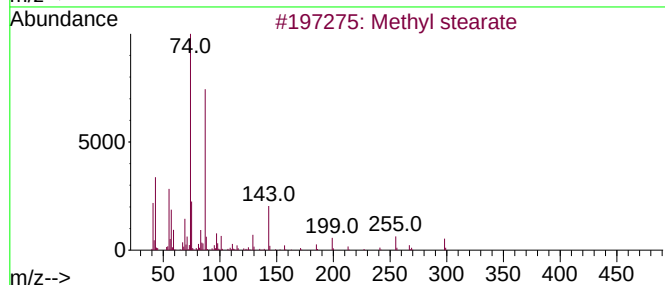
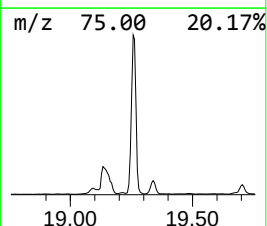
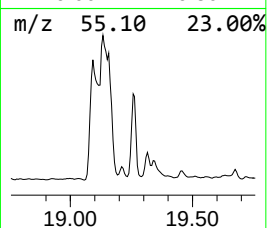
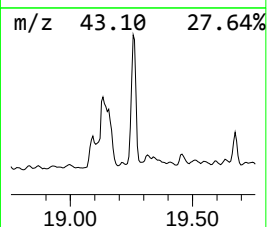
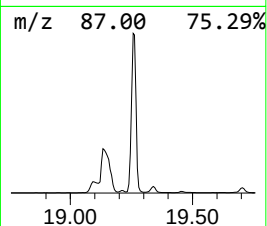
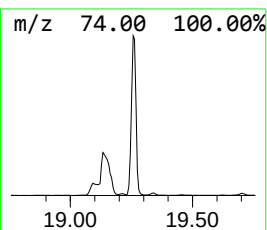
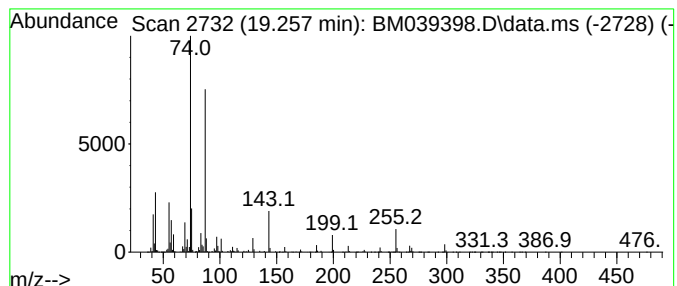
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.257	51.01 ng	23677900	Phenanthrene-d10	17.275

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	98
2			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	94
3			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039398.D
Acq On : 11 Apr 2023 17:59
Operator : CG/JU
Sample : 02268-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
50002-TOTE

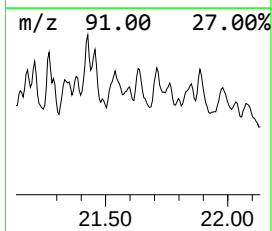
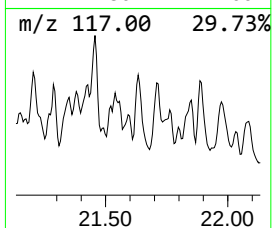
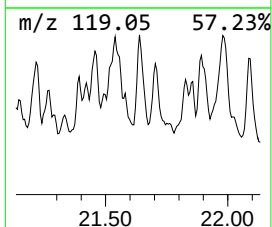
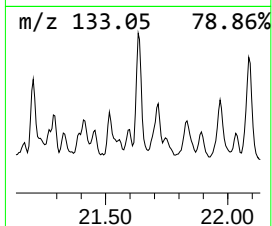
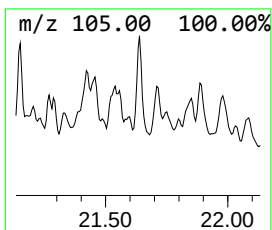
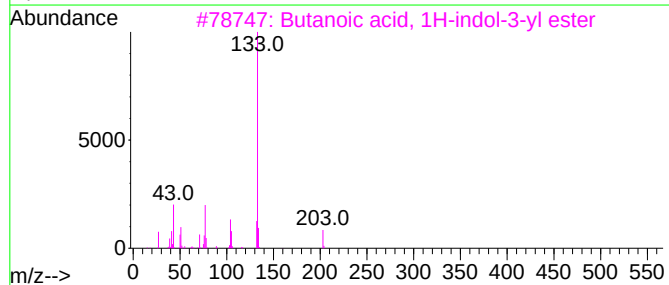
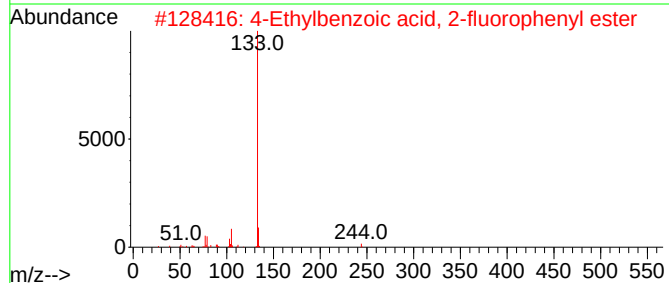
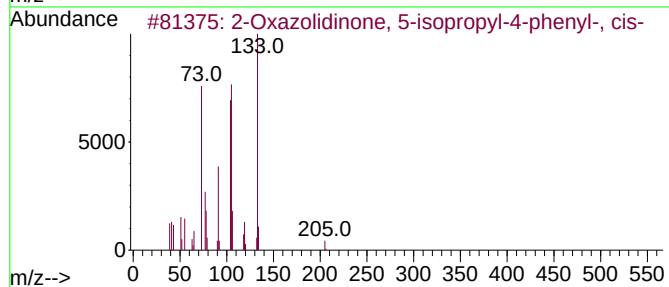
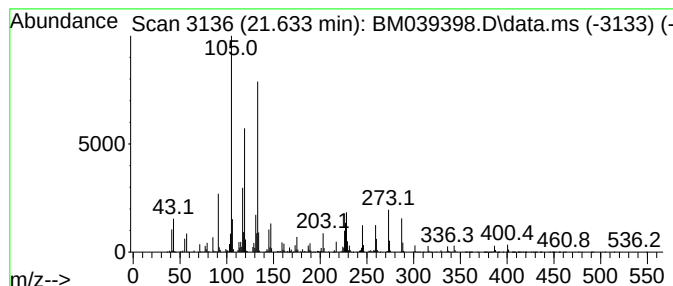
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown21.633 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.633	15.04 ng	6572280	Chrysene-d12	21.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxazolidinone, 5-isopropyl-4-p...	205	C12H15NO2	032461-27-1	35		
2	4-Ethylbenzoic acid, 2-fluorophe...	244	C15H13FO2	1000325-73-3	30		
3	Butanoic acid, 1H-indol-3-yl ester	203	C12H13NO2	004346-15-0	30		
4	1,2-Benzenediol, 0-(4-ethylbenzo...	336	C20H16O5	1000329-75-3	30		
5	Benzamide, 4-ethyl-N-(4-chloroph...	259	C15H14ClNO	1010340-35-1	30		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039398.D
Acq On : 11 Apr 2023 17:59
Operator : CG/JU
Sample : 02268-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
50002-TOTE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.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
Decane	7.475	21.4	ng	1112500	1	7.863	1039910	20.0
Benzene, 1,2-di...	8.504	17.8	ng	922953	1	7.863	1039910	20.0
o-Cymene	8.969	12.4	ng	642699	1	7.863	1039910	20.0
Undecane	9.087	60.9	ng	3165800	1	7.863	1039910	20.0
Hexanoic acid, ...	9.204	36.8	ng	1911840	1	7.863	1039910	20.0
Hexadecane	12.092	21.2	ng	5692920	2	10.675	5378670	20.0
Nonadecane	13.339	46.8	ng	6501820	3	14.522	2778880	20.0
Naphthalene, 1,...	13.675	12.6	ng	1754460	3	14.522	2778880	20.0
Tritetracontane	13.992	20.2	ng	2807370	3	14.522	2778880	20.0
Pentadecane	14.410	54.1	ng	7522010	3	14.522	2778880	20.0
Pentadecane, 7-...	15.363	46.0	ng	6393020	3	14.522	2778880	20.0
Heneicosane	16.227	21.5	ng	9964810	4	17.275	9283370	20.0
Heptadecane	17.022	12.4	ng	5759840	4	17.275	9283370	20.0
Hexadecanoic ac...	17.951	134.8	ng	62553100	4	17.275	9283370	20.0
n-Hexadecanoic ...	18.180	21.6	ng	10026000	4	17.275	9283370	20.0
Benzene, (1-eth...	18.363	18.1	ng	8396100	4	17.275	9283370	20.0
Benzene, (1-met...	18.645	23.3	ng	10834700	4	17.275	9283370	20.0
9,12-Octadecadi...	19.092	131.9	ng	61219800	4	17.275	9283370	20.0
Methyl stearate	19.257	51.0	ng	23677900	4	17.275	9283370	20.0
unknown21.633	21.633	15.0	ng	6572280	5	21.468	8740300	20.0