

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
 Data File : BM039426.D
 Acq On : 14 Apr 2023 00:36
 Operator : CG/JU
 Sample : 02308-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-041223

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: BM039426.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.946	293	299	307	rBV	960274	1326944	8.17%	1.091%
2	5.434	374	382	406	rBV	3281438	4995030	30.76%	4.105%
3	7.057	651	658	672	rBV	3024928	5049984	31.10%	4.150%
4	7.857	782	794	802	rBV	712479	1236006	7.61%	1.016%
5	9.028	986	993	1000	rBV	1873123	3232251	19.91%	2.656%
6	9.198	1012	1022	1029	rVB8	70129	233637	1.44%	0.192%
7	9.569	1076	1085	1090	rBV3	89380	195531	1.20%	0.161%
8	10.628	1259	1265	1267	rBV3	234568	408775	2.52%	0.336%
9	10.663	1267	1271	1277	rVB	891167	1527209	9.40%	1.255%
10	11.134	1346	1351	1358	rVB3	126827	265874	1.64%	0.219%
11	11.498	1408	1413	1420	rBV5	117003	261679	1.61%	0.215%
12	11.581	1421	1427	1434	rVV3	173208	351516	2.16%	0.289%
13	11.681	1440	1444	1448	rBV	185347	289100	1.78%	0.238%
14	11.775	1456	1460	1465	rVB2	105973	175301	1.08%	0.144%
15	11.857	1469	1474	1481	rVB2	254151	461600	2.84%	0.379%
16	12.081	1504	1512	1517	rBV3	529184	954214	5.88%	0.784%
17	12.216	1532	1535	1540	rVB3	188575	254911	1.57%	0.209%
18	12.581	1592	1597	1602	rVB	333507	528198	3.25%	0.434%
19	12.716	1614	1620	1624	rBV6	160066	307054	1.89%	0.252%
20	12.769	1624	1629	1635	rBV4	114320	262065	1.61%	0.215%
21	12.892	1647	1650	1655	rVB4	207748	279795	1.72%	0.230%
22	12.986	1662	1666	1670	rBV2	168947	310366	1.91%	0.255%
23	13.039	1671	1675	1681	rVV2	404860	752639	4.63%	0.619%
24	13.133	1685	1691	1699	rVV	4766966	6926888	42.66%	5.693%
25	13.328	1719	1724	1731	rVB	929294	1463812	9.01%	1.203%
26	13.416	1736	1739	1741	rVV2	132231	190197	1.17%	0.156%
27	13.451	1741	1745	1749	rVV	335694	576674	3.55%	0.474%
28	13.498	1750	1753	1757	rVB3	162081	233222	1.44%	0.192%
29	13.780	1798	1801	1806	rBV5	121081	241089	1.48%	0.198%
30	13.980	1829	1835	1839	rVB2	594268	997945	6.15%	0.820%
31	14.027	1839	1843	1848	rVB2	405374	573113	3.53%	0.471%
32	14.157	1860	1865	1869	rBV3	136801	278564	1.72%	0.229%
33	14.239	1875	1879	1883	rBV2	150137	251709	1.55%	0.207%
34	14.404	1902	1907	1914	rBV	1621548	2230323	13.73%	1.833%
35	14.474	1915	1919	1921	rBV3	240071	383040	2.36%	0.315%
36	14.516	1921	1926	1932	rVB	1440836	2265747	13.95%	1.862%

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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	14.904	1989	1992	1998	rVB3	217658	325436	2.00%	0.267%
38	15.022	2009	2012	2017	rVB3	411031	597676	3.68%	0.491%
39	15.357	2064	2069	2074	rVB	2055372	2522179	15.53%	2.073%
40	15.457	2082	2086	2096	rVB7	200068	477001	2.94%	0.392%
41	15.763	2132	2138	2142	rVB	686459	1144881	7.05%	0.941%
42	15.857	2151	2154	2160	rVB2	247159	449764	2.77%	0.370%
43	15.910	2160	2163	2170	rBV2	244392	434030	2.67%	0.357%
44	15.974	2170	2174	2176	rBV2	366323	477000	2.94%	0.392%
45	16.010	2176	2180	2186	rVB	3093211	4488586	27.64%	3.689%
46	16.221	2211	2216	2232	rVB	2305556	4770641	29.38%	3.921%
47	16.563	2270	2274	2277	rBV2	240819	384390	2.37%	0.316%
48	16.621	2281	2284	2289	rVB2	372652	479993	2.96%	0.394%
49	16.727	2299	2302	2306	rVB2	237017	270825	1.67%	0.223%
50	17.015	2346	2351	2355	rBV	2190270	2794938	17.21%	2.297%
51	17.063	2355	2359	2363	rVV	814923	1097205	6.76%	0.902%
52	17.268	2389	2394	2398	rBV	1642704	2573762	15.85%	2.115%
53	17.310	2398	2401	2408	rVB	753122	1137115	7.00%	0.935%
54	17.398	2413	2416	2420	rVB	256297	354203	2.18%	0.291%
55	17.557	2440	2443	2449	rVB2	218425	300017	1.85%	0.247%
56	17.674	2460	2463	2468	rVB3	249828	334376	2.06%	0.275%
57	17.757	2472	2477	2482	rBV	2069420	2522540	15.53%	2.073%
58	17.933	2504	2507	2512	rVB2	318410	401395	2.47%	0.330%
59	18.039	2522	2525	2534	rBV4	208976	504600	3.11%	0.415%
60	18.168	2543	2547	2559	rVB2	2446096	4030577	24.82%	3.312%
61	18.451	2591	2595	2600	rBV	1883360	2267766	13.97%	1.864%
62	19.080	2698	2702	2705	rBV2	1948023	2611846	16.08%	2.146%
63	19.309	2736	2741	2743	rBV	4948480	7700297	47.42%	6.328%
64	19.339	2743	2746	2758	rVV2	9001638	16238271	100.00%	13.345%
65	19.451	2762	2765	2780	rVB2	1232188	2437311	15.01%	2.003%
66	19.662	2797	2801	2803	rBV2	1394179	1595116	9.82%	1.311%
67	19.692	2803	2806	2814	rVB	1311552	1945204	11.98%	1.599%
68	19.892	2836	2840	2846	rVB	6672569	8605078	52.99%	7.072%
69	20.198	2889	2892	2896	rVB2	1140215	1292351	7.96%	1.062%
70	20.633	2963	2966	2971	rBV3	920039	1212449	7.47%	0.996%
71	20.698	2974	2977	2986	rVB2	788951	1332000	8.20%	1.095%
72	21.156	3053	3055	3059	rVB	1281337	1296859	7.99%	1.066%

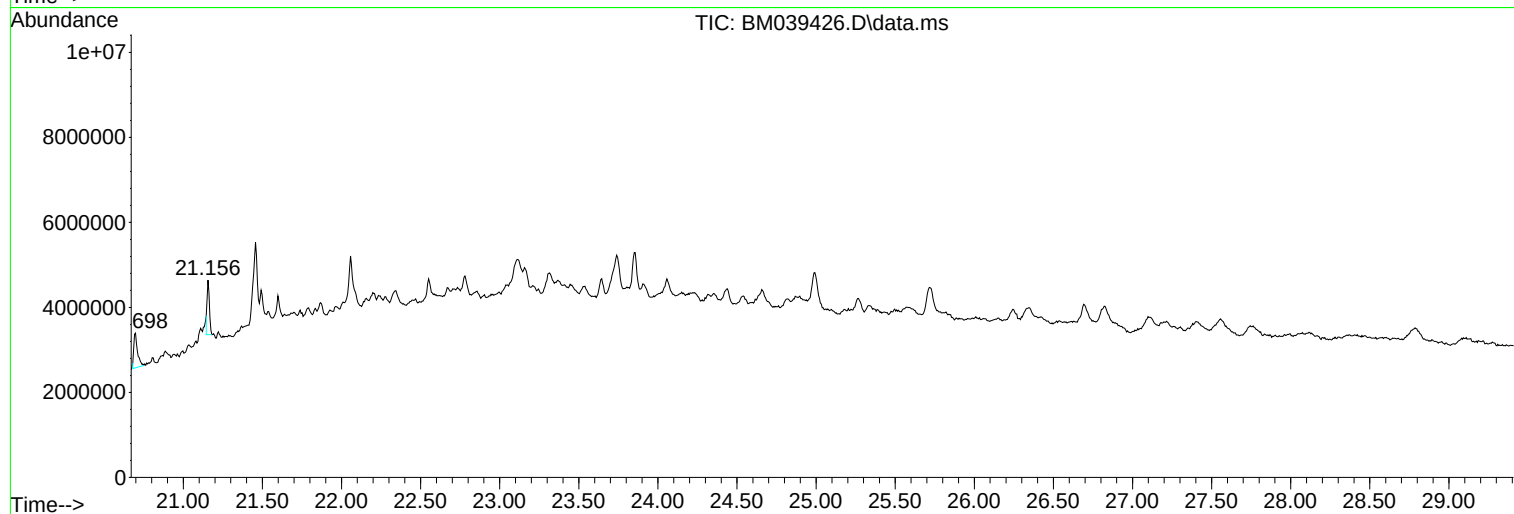
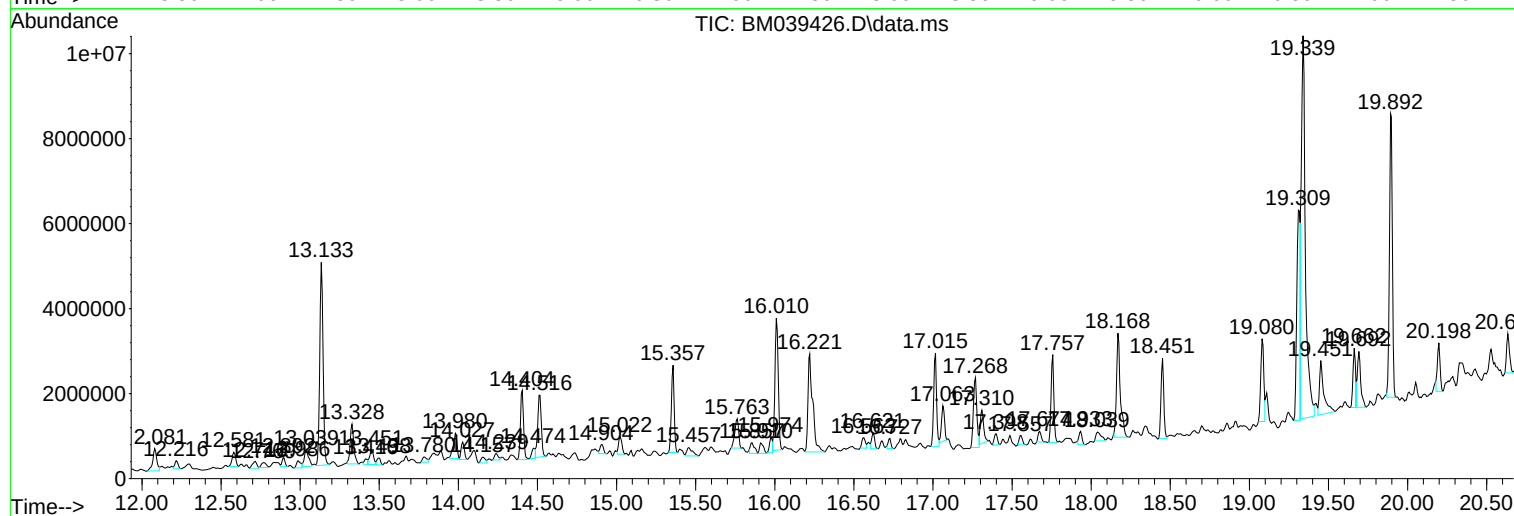
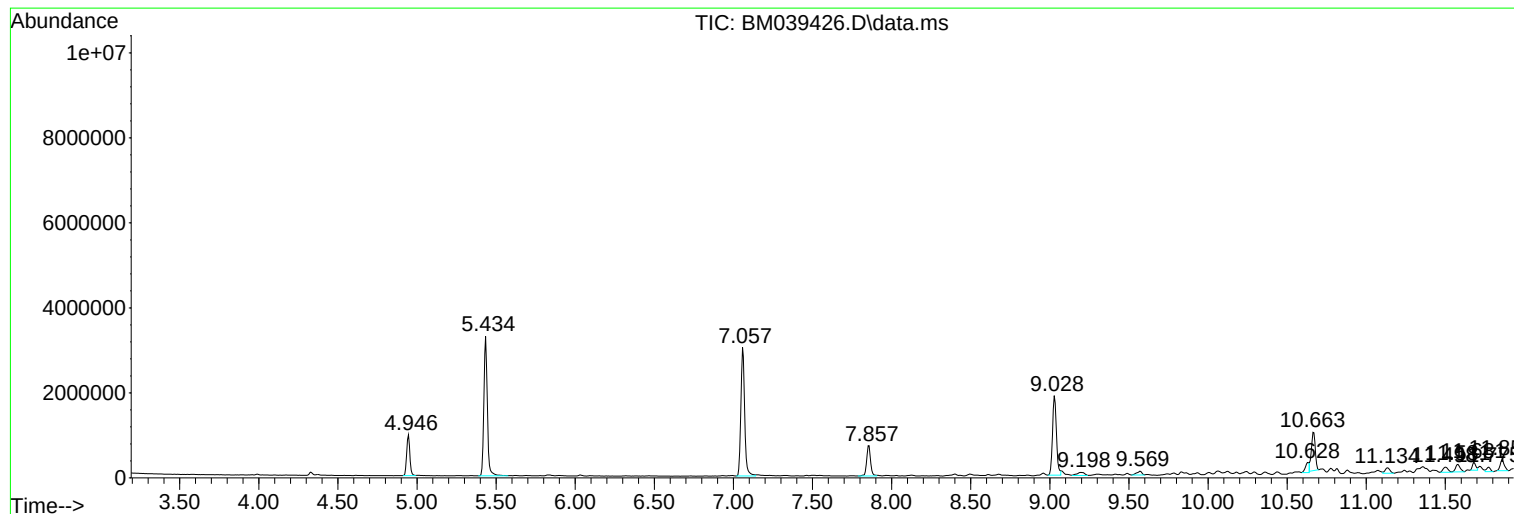
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-041223

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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Operator : CG/JU
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Instrument :
BNA_M
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EO-01-041223

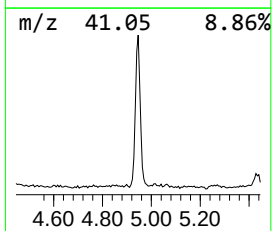
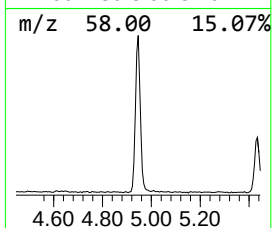
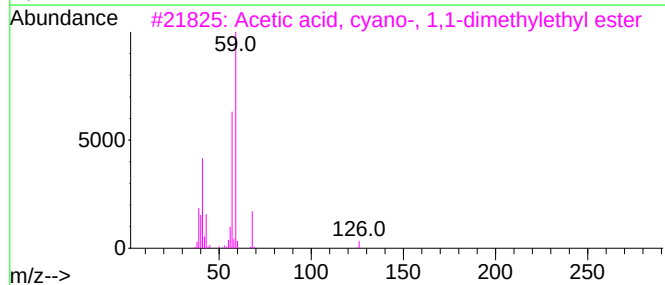
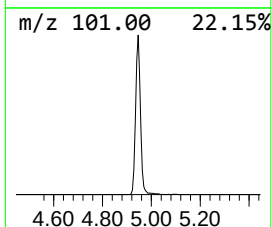
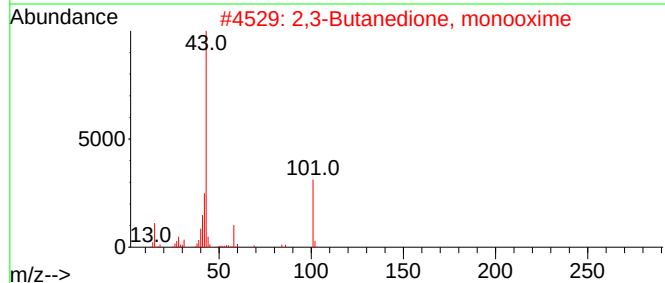
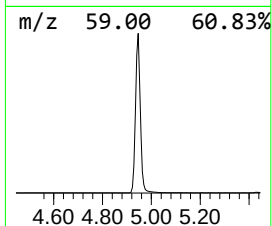
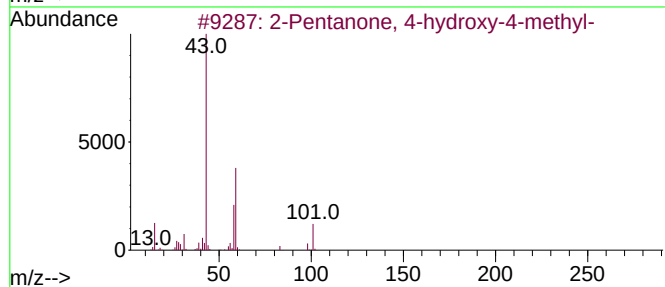
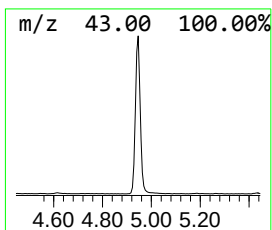
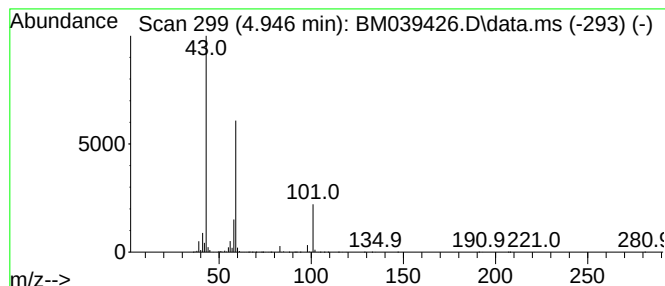
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.946	21.47 ng	1326940	1,4-Dichlorobenzene-d4	7.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9		



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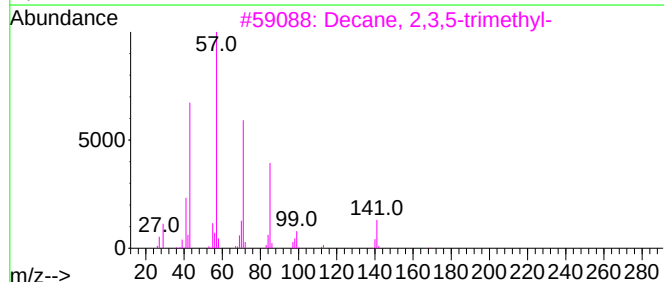
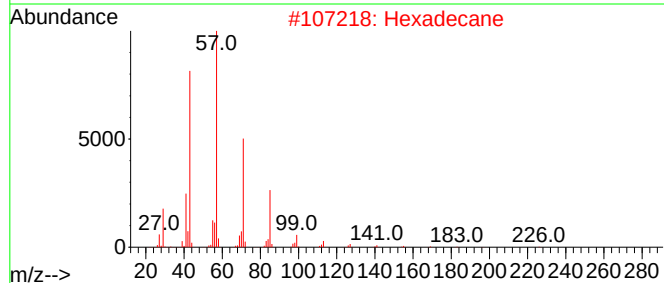
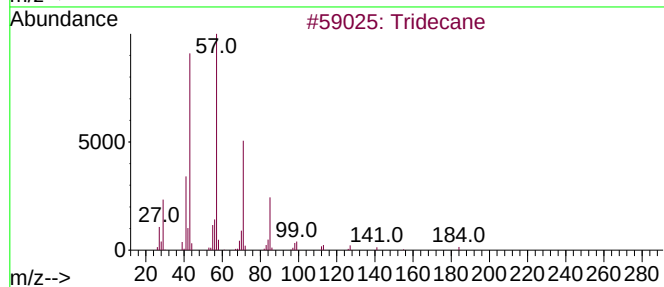
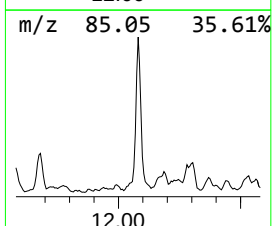
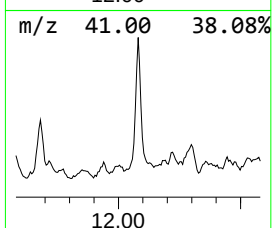
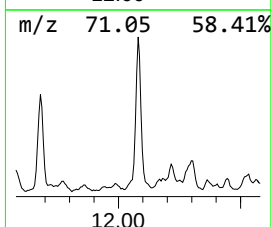
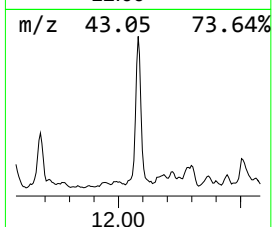
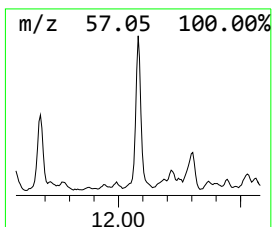
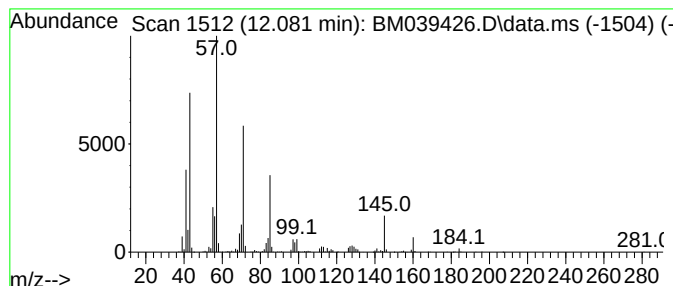
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.081	12.50 ng	954214	Naphthalene-d8	10.663

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	91
2		Hexadecane	226	C16H34	000544-76-3	72
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
4		Tetradecane	198	C14H30	000629-59-4	72
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64



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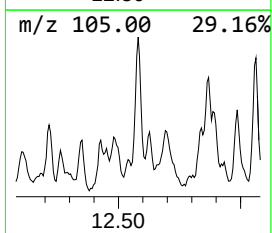
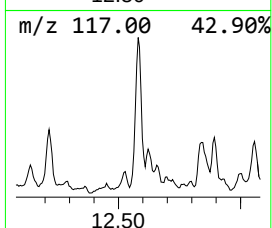
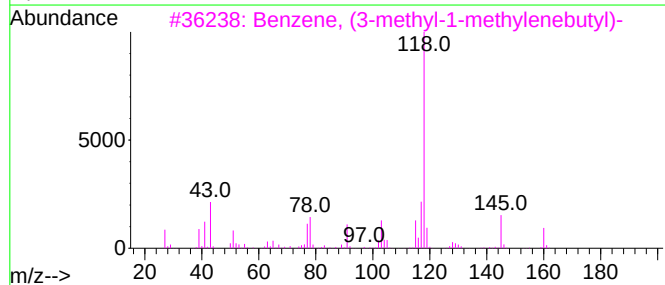
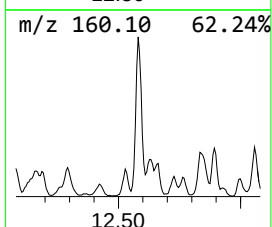
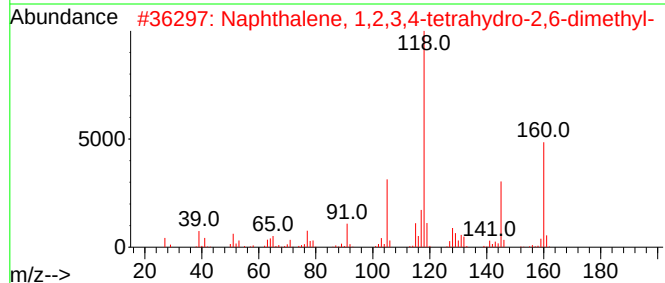
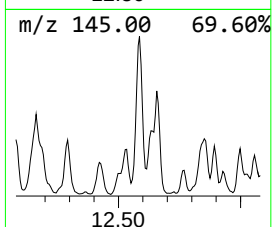
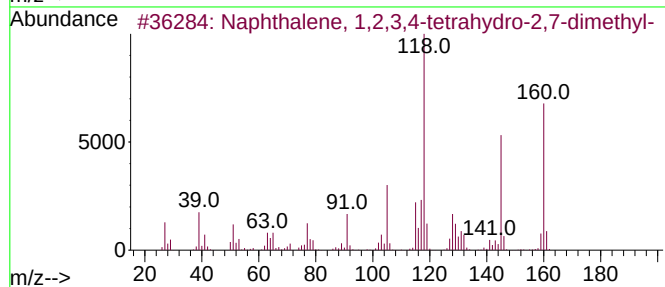
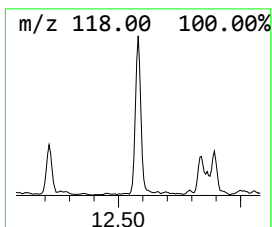
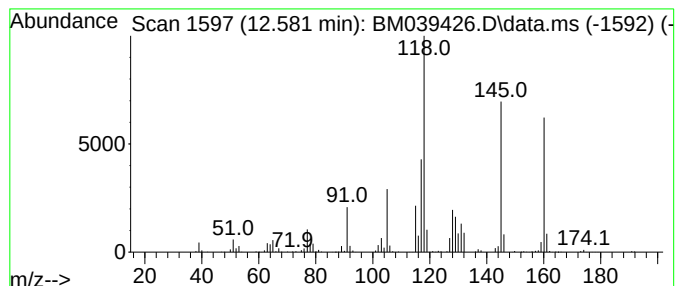
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.581	6.92 ng	528198	Naphthalene-d8	10.663	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	87
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70
3	Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	58
4	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	58
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	55



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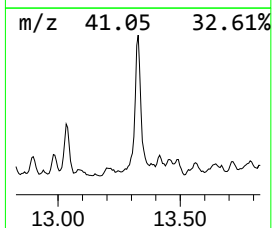
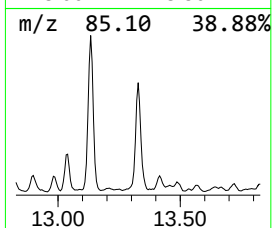
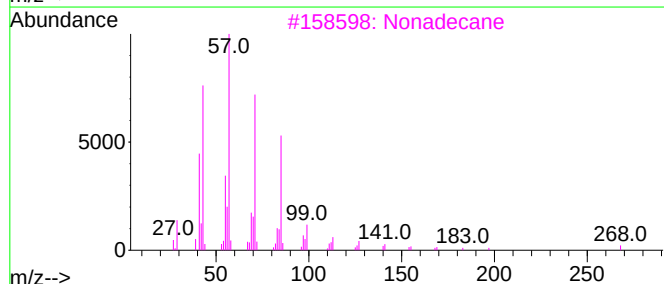
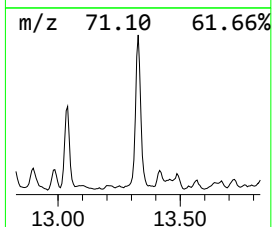
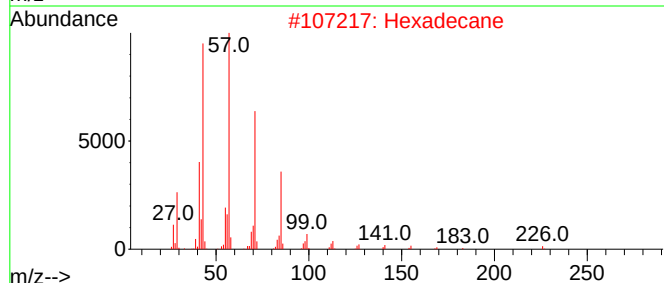
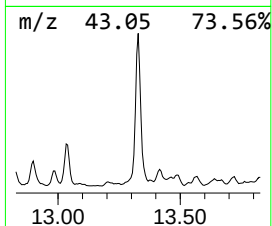
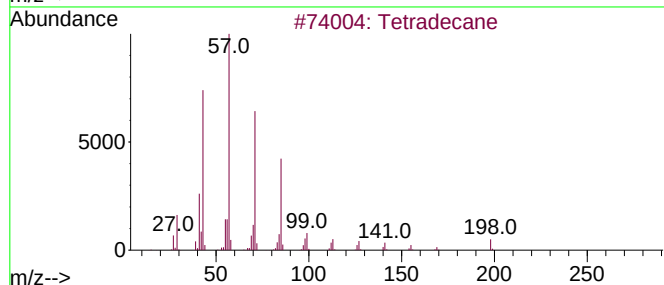
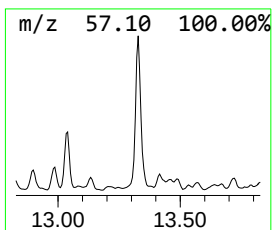
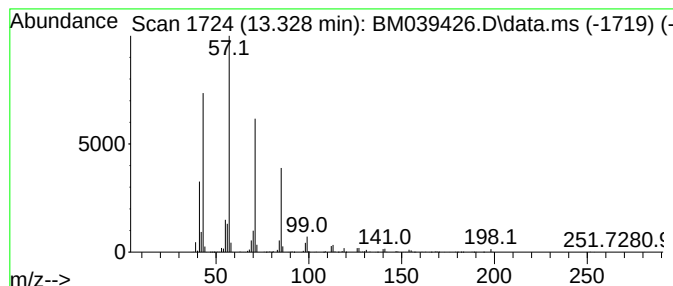
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.328	12.92 ng	1463810	Acenaphthene-d10	14.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Hexadecane	226	C16H34	000544-76-3	83
3			Nonadecane	268	C19H40	000629-92-5	78
4			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039426.D
Acq On : 14 Apr 2023 00:36
Operator : CG/JU
Sample : 02308-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-041223

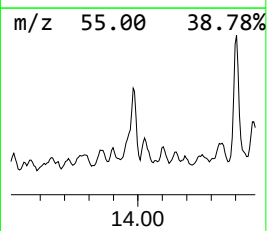
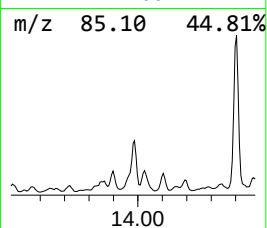
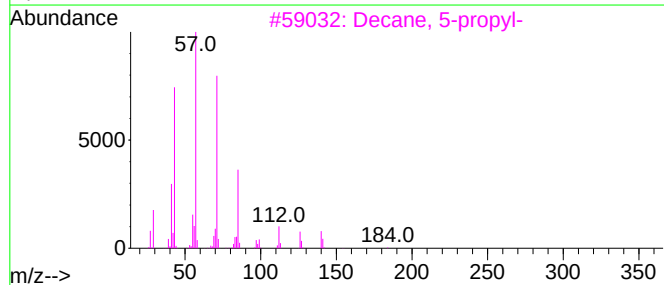
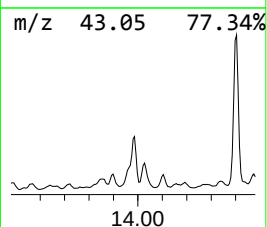
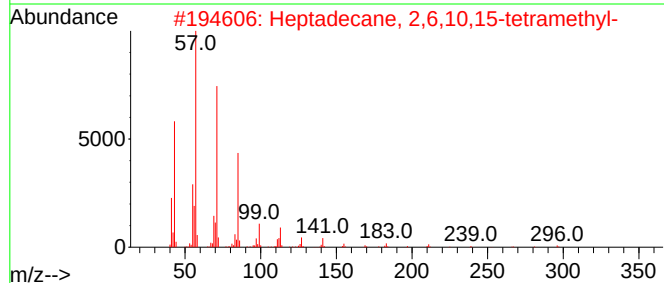
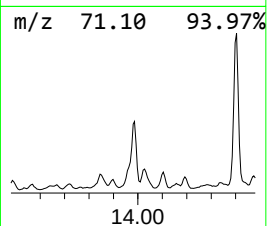
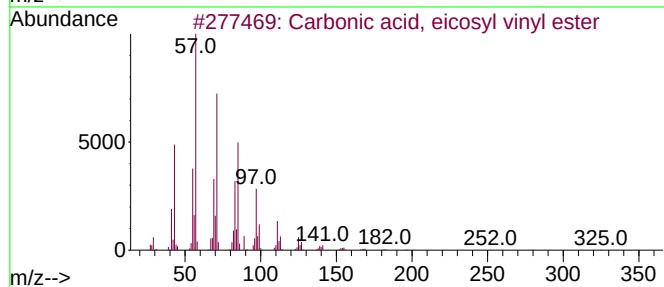
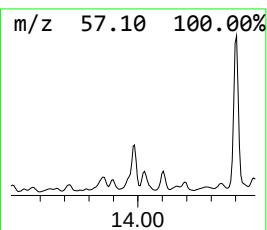
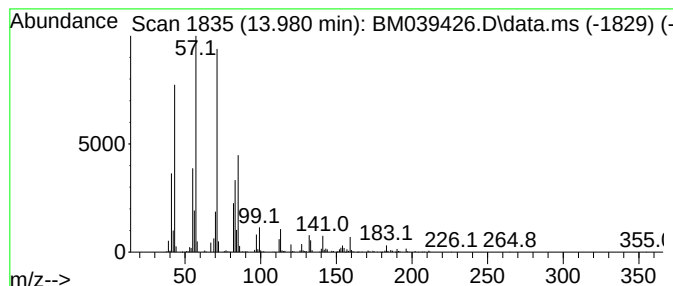
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Carbonic acid, eicosyl vinyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.980	8.81 ng	997945	Acenaphthene-d10	14.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3			Decane, 5-propyl-	184	C13H28	017312-62-8	70
4			Tetradecane	198	C14H30	000629-59-4	64
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039426.D
Acq On : 14 Apr 2023 00:36
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ClientSampleId :
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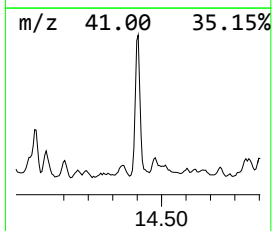
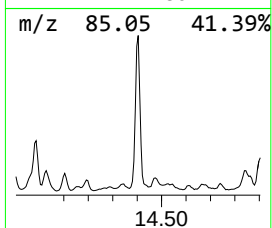
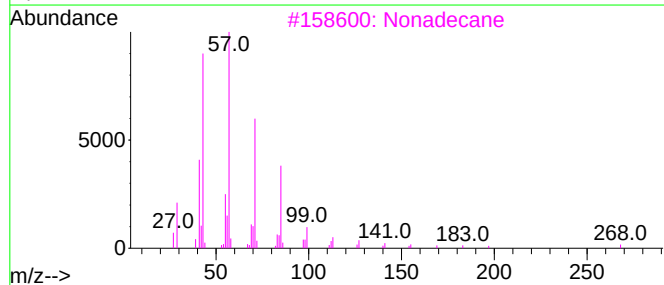
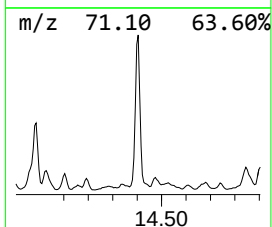
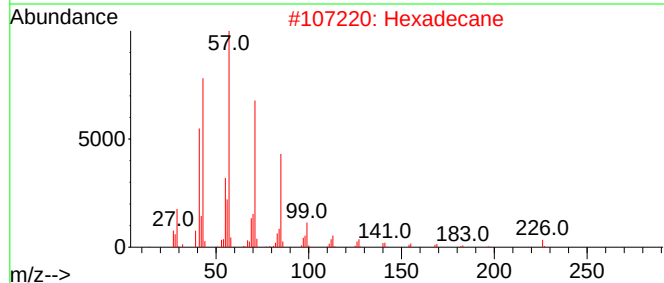
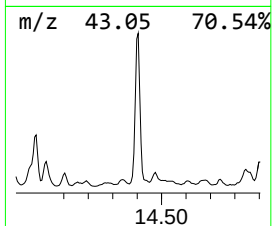
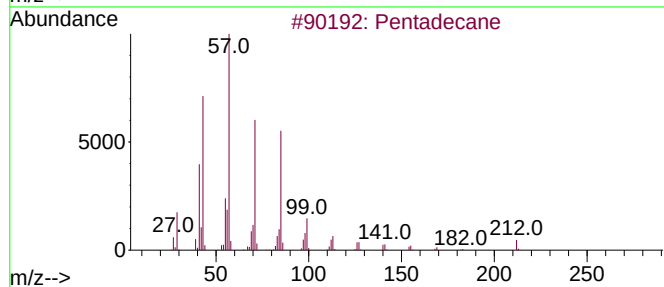
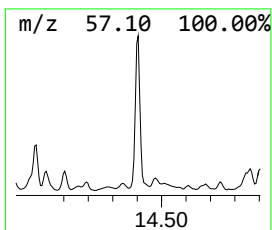
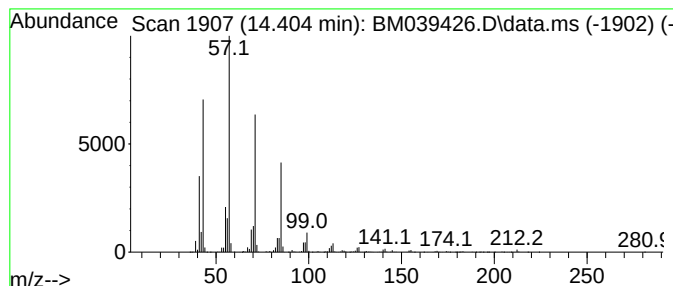
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.404	19.69 ng	2230320	Acenaphthene-d10	14.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	95
2			Hexadecane	226	C16H34	000544-76-3	90
3			Nonadecane	268	C19H40	000629-92-5	90
4			Heptacosane	380	C27H56	000593-49-7	86
5			Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039426.D
Acq On : 14 Apr 2023 00:36
Operator : CG/JU
Sample : 02308-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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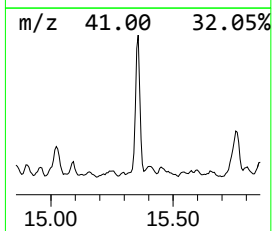
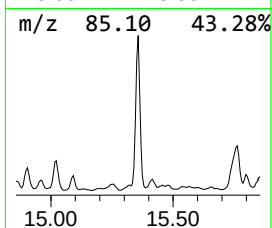
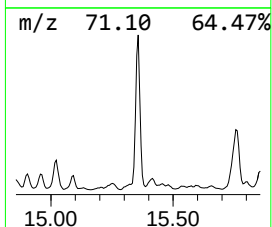
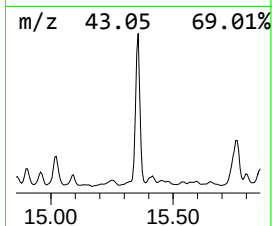
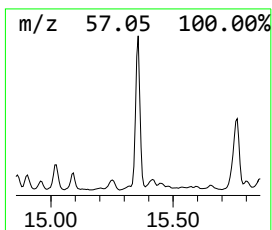
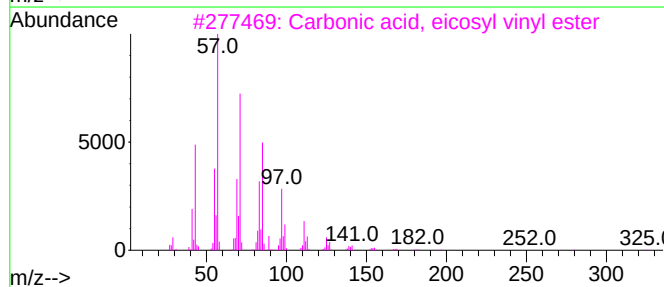
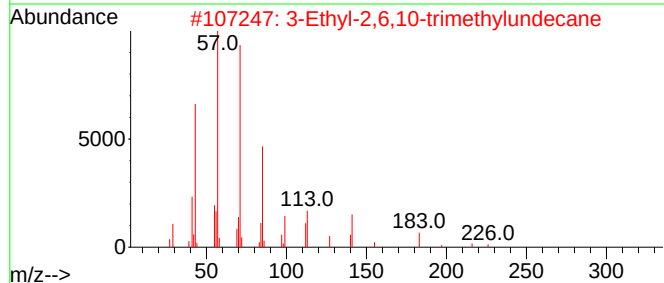
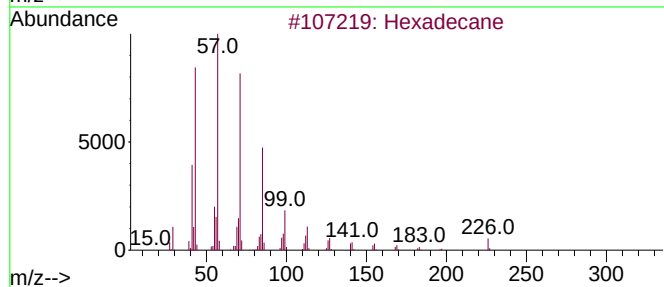
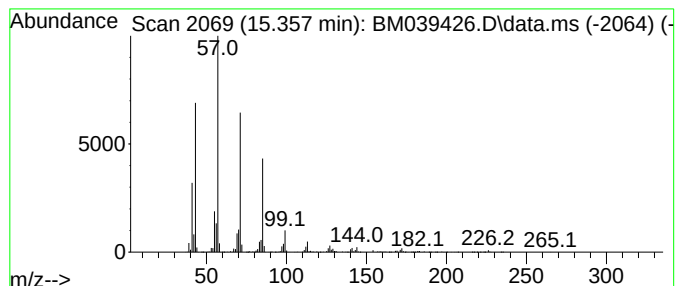
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.357	22.26 ng	2522180	Acenaphthene-d10	14.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	94
2			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039426.D
Acq On : 14 Apr 2023 00:36
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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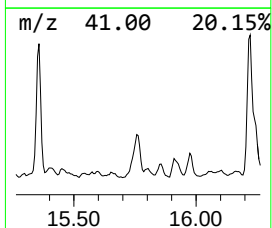
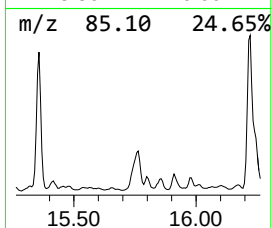
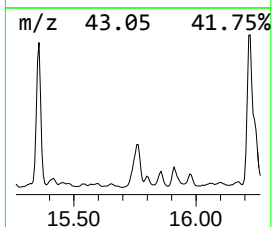
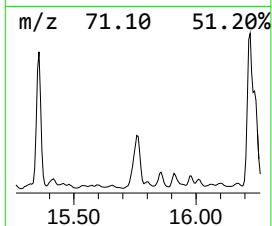
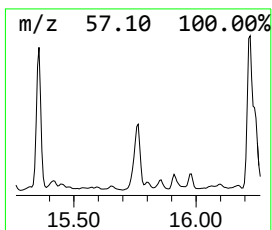
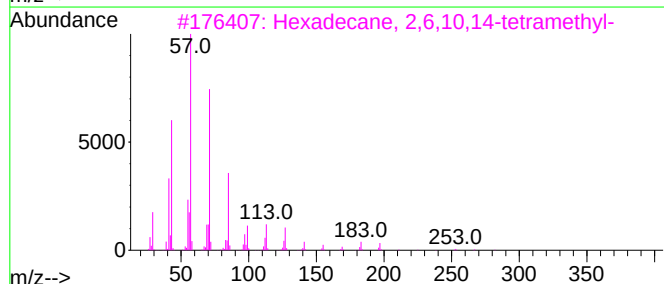
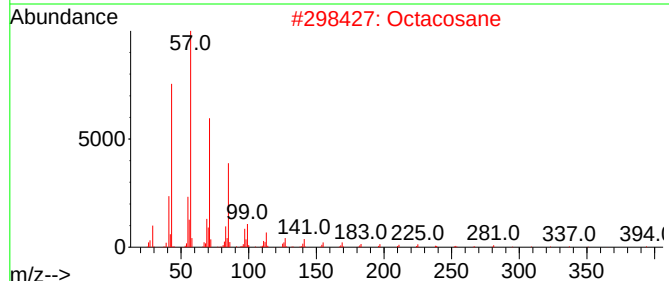
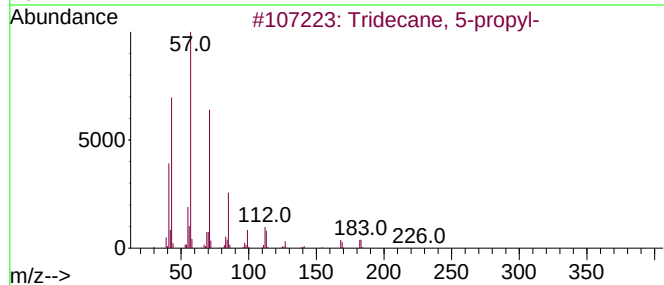
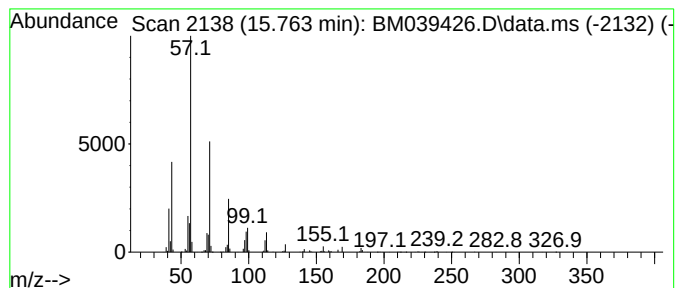
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane, 5-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.763	10.11 ng	1144880	Acenaphthene-d10	14.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
2			Octacosane	394	C28H58	000630-02-4	72
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
5			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039426.D
Acq On : 14 Apr 2023 00:36
Operator : CG/JU
Sample : 02308-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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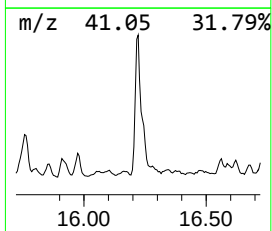
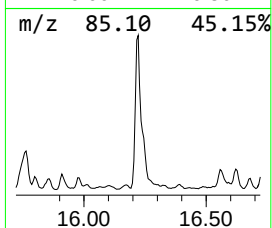
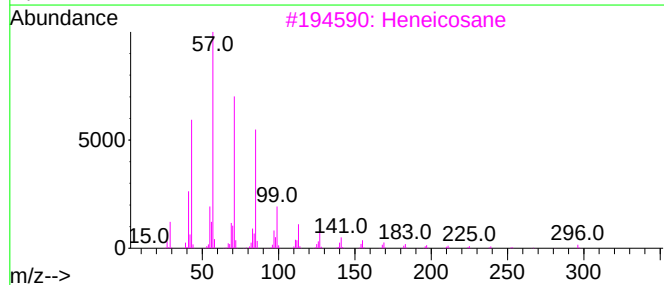
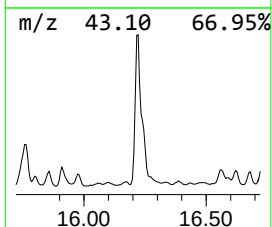
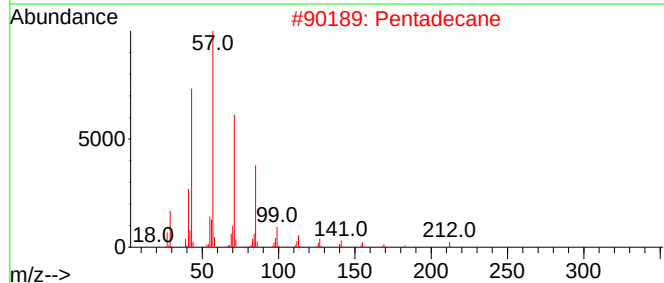
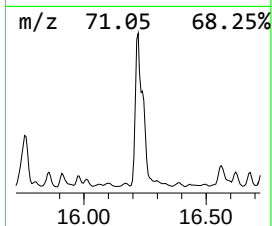
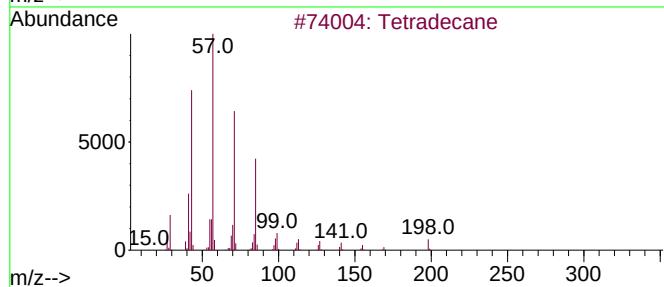
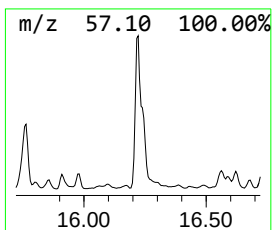
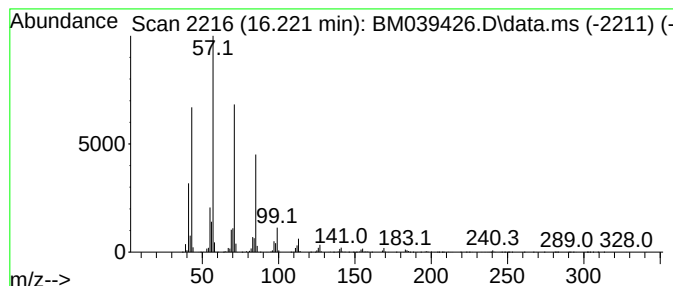
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.221	37.07 ng	4770640	Phenanthrene-d10	17.268

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	93
2			Pentadecane	212	C15H32	000629-62-9	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Nonadecane	268	C19H40	000629-92-5	91
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039426.D
Acq On : 14 Apr 2023 00:36
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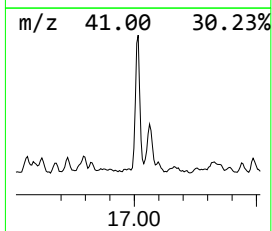
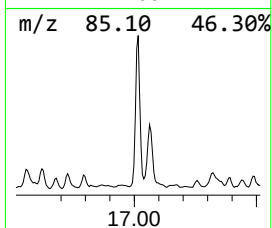
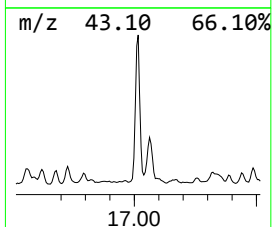
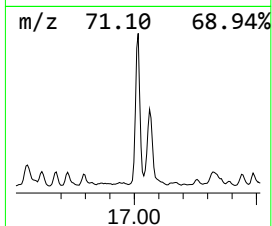
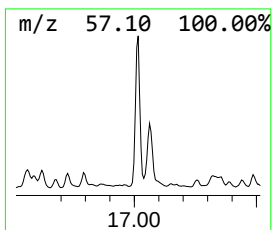
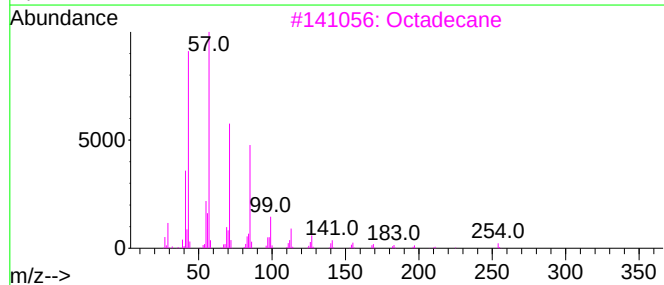
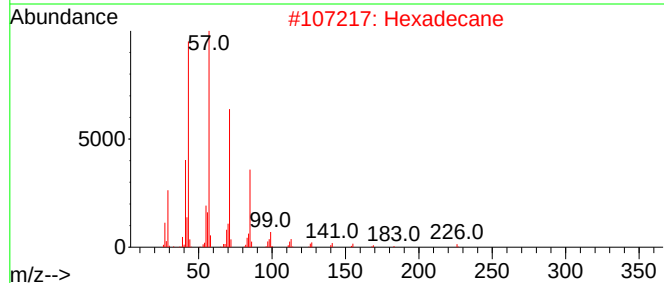
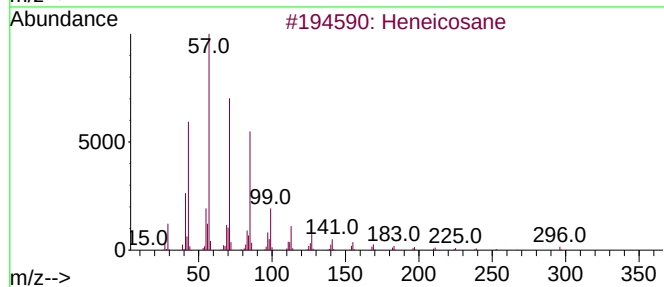
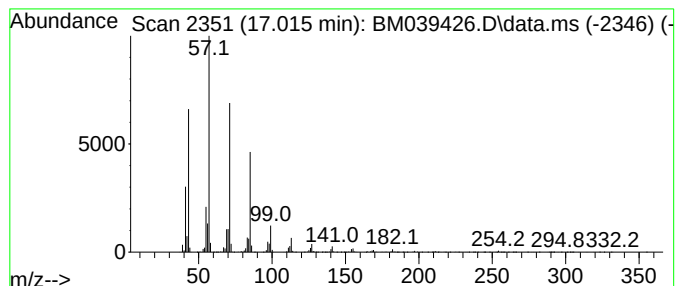
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.015	21.72 ng	2794940	Phenanthrene-d10	17.268

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Octadecane	254	C18H38	000593-45-3	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039426.D
Acq On : 14 Apr 2023 00:36
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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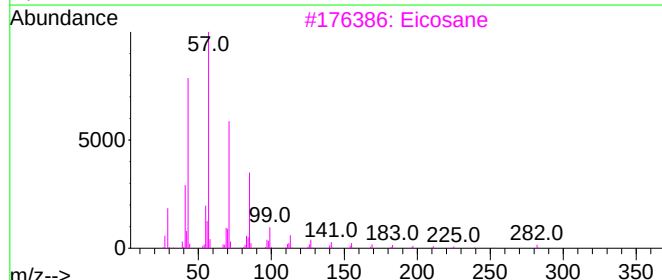
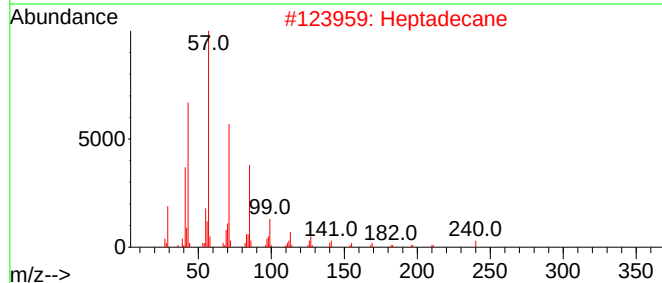
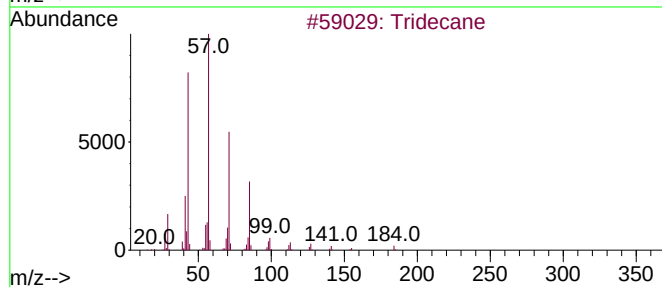
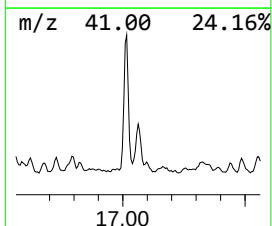
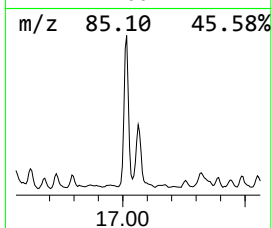
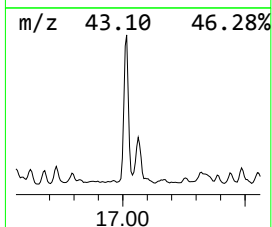
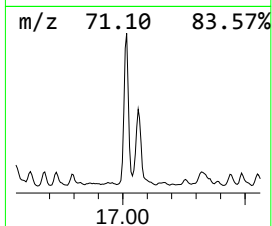
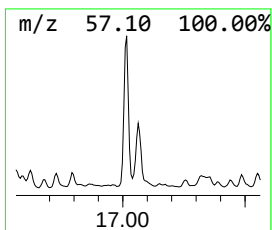
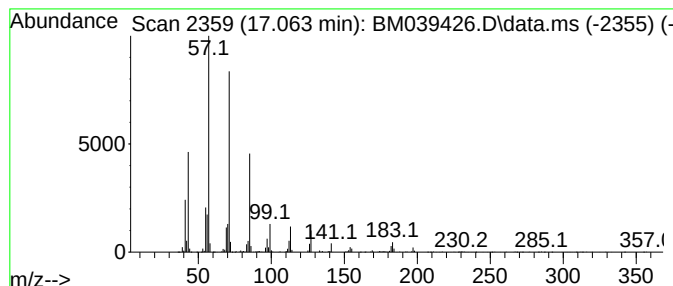
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.063	8.53 ng	1097210	Phenanthrene-d10	17.268

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Eicosane	282	C20H42	000112-95-8	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039426.D
Acq On : 14 Apr 2023 00:36
Operator : CG/JU
Sample : 02308-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-01-041223

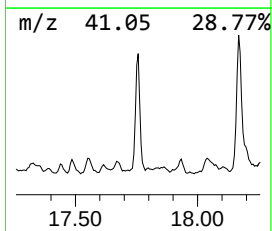
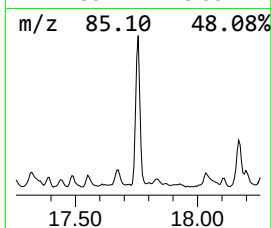
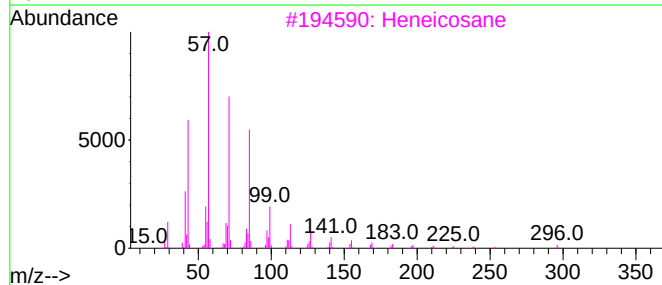
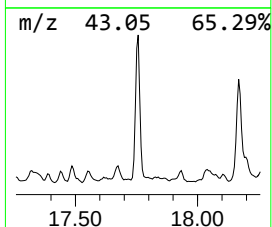
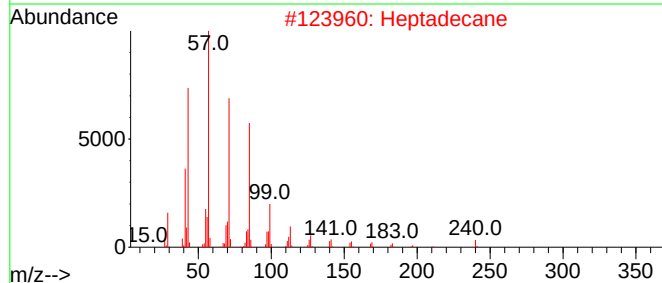
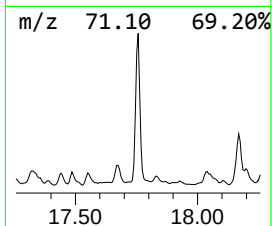
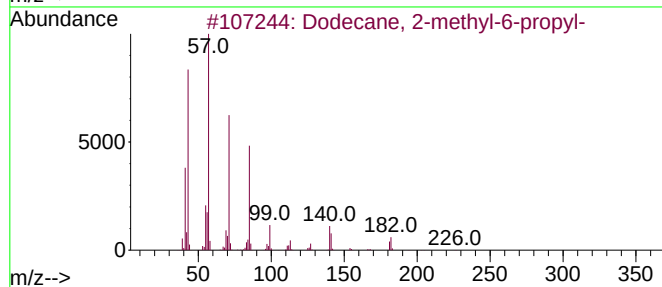
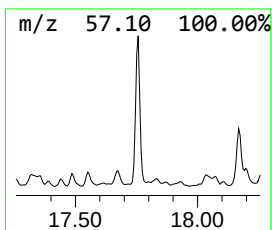
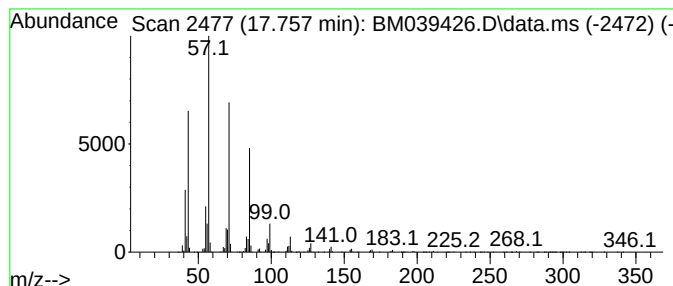
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2-methyl-6-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.757	19.60 ng	2522540	Phenanthrene-d10	17.268

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2			Heptadecane	240	C17H36	000629-78-7	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Nonadecane	268	C19H40	000629-92-5	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039426.D
Acq On : 14 Apr 2023 00:36
Operator : CG/JU
Sample : 02308-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-041223

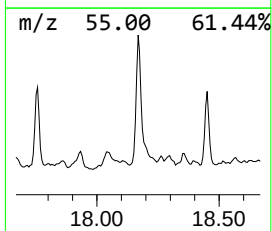
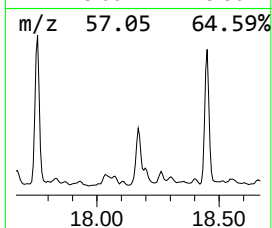
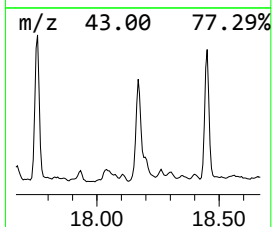
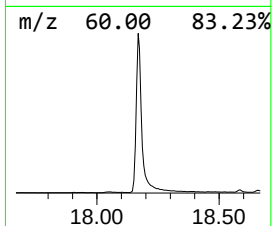
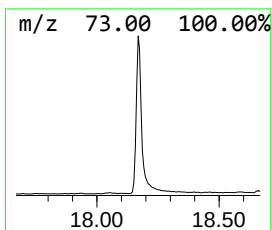
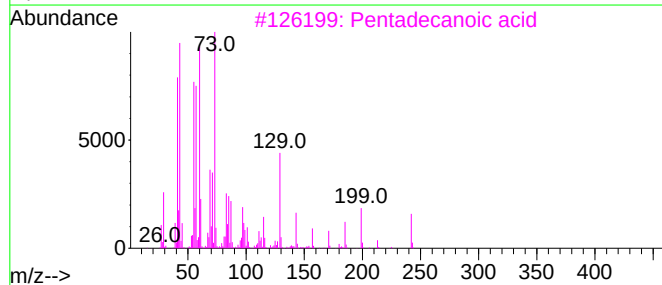
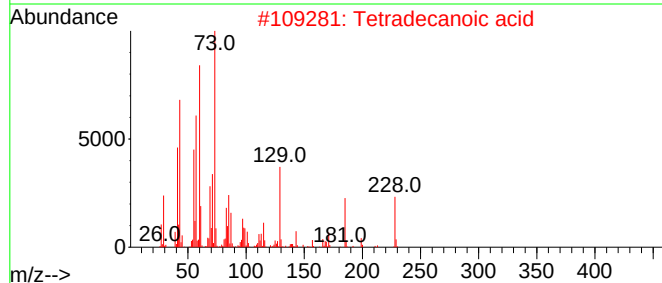
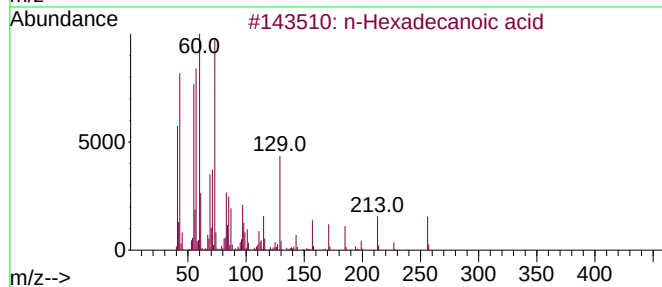
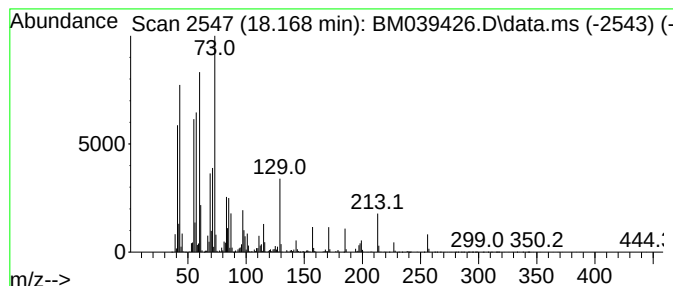
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	31.32 ng	4030580	Phenanthrene-d10	17.268

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	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	83
5		8-Methylnonanoic acid	172	C10H20O2	005963-14-4	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039426.D
Acq On : 14 Apr 2023 00:36
Operator : CG/JU
Sample : 02308-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-041223

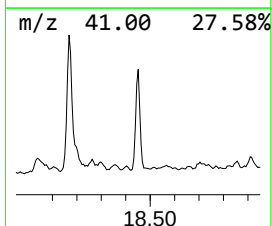
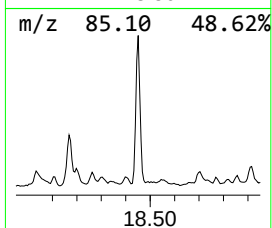
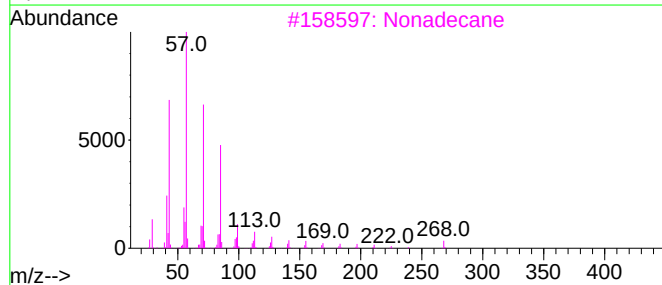
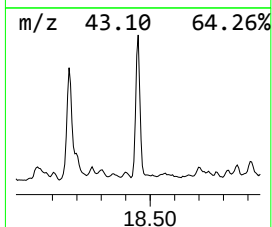
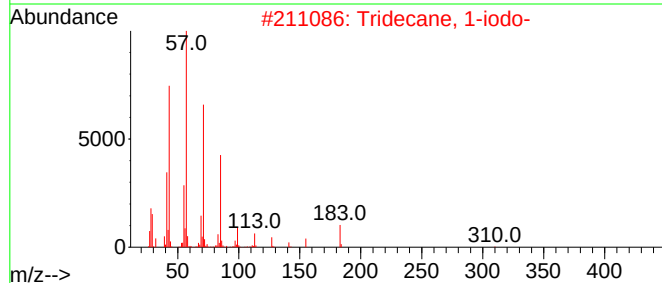
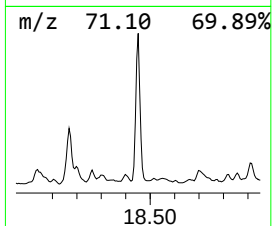
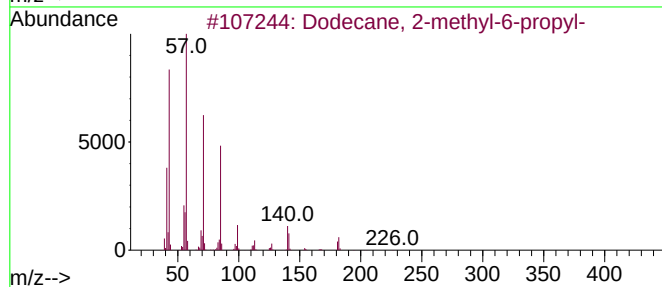
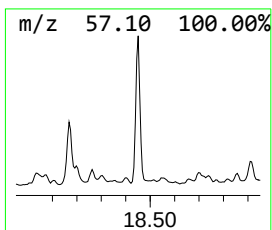
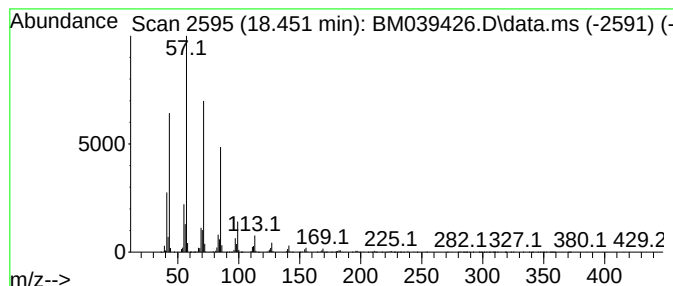
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	17.62 ng	2267770	Phenanthrene-d10	17.268

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039426.D
Acq On : 14 Apr 2023 00:36
Operator : CG/JU
Sample : 02308-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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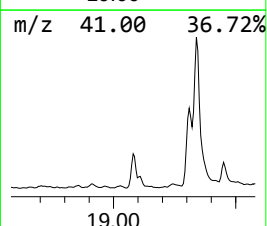
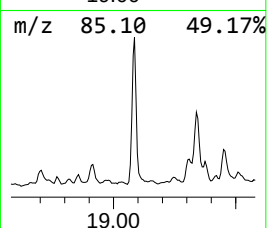
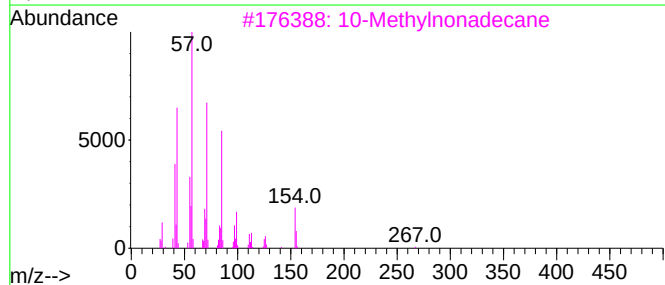
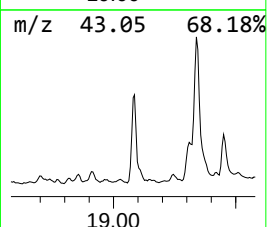
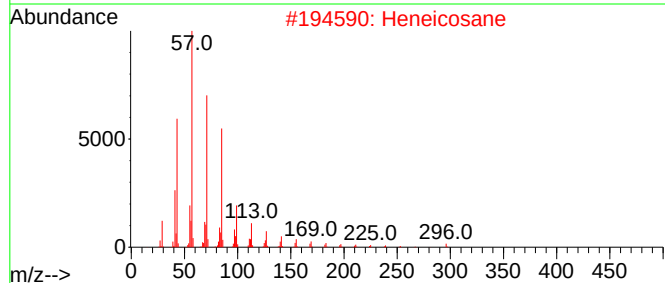
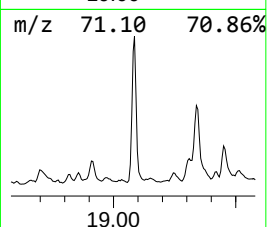
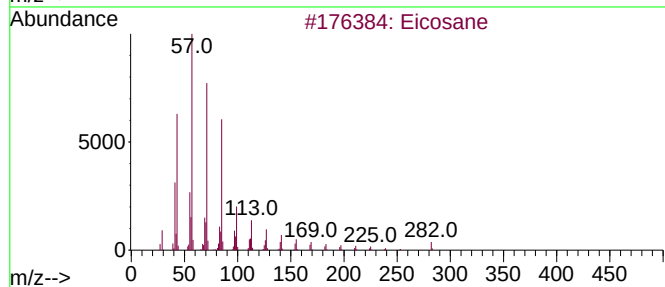
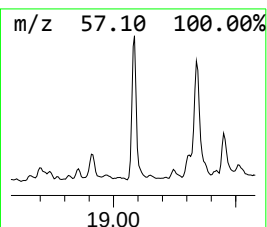
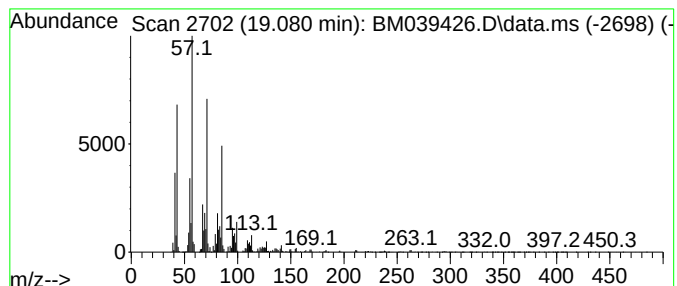
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 10-Methylnonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.080	20.30 ng	2611850	Phenanthrene-d10	17.268

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	95
2			Heneicosane	296	C21H44	000629-94-7	68
3			10-Methylnonadecane	282	C20H42	056862-62-5	68
4			Pentadecane	212	C15H32	000629-62-9	68
5			Hexacosane	366	C26H54	000630-01-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
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Acq On : 14 Apr 2023 00:36
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Sample : 02308-01
Misc :
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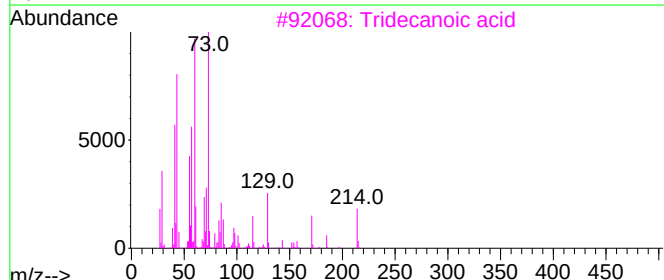
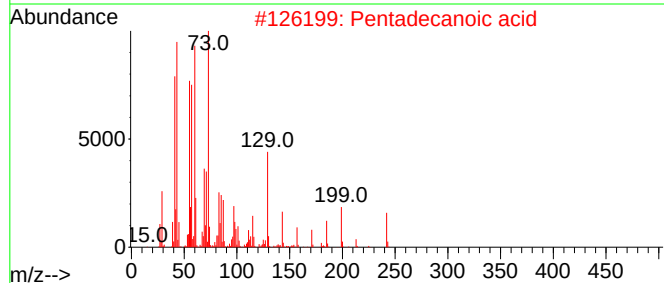
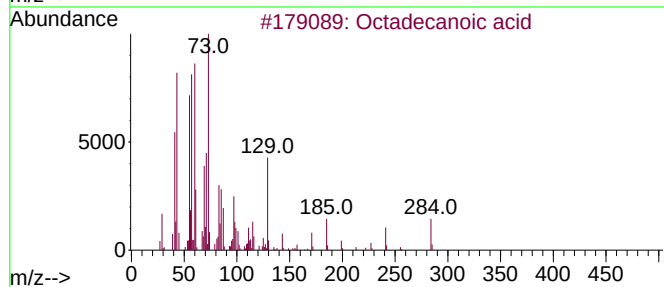
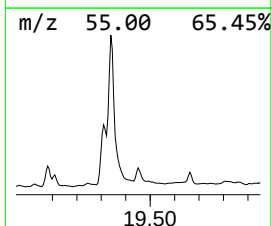
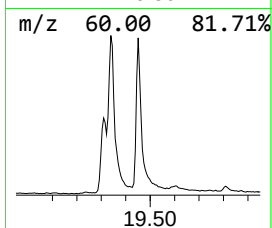
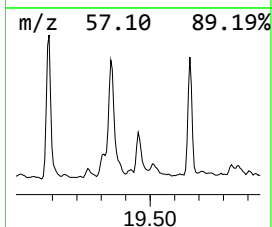
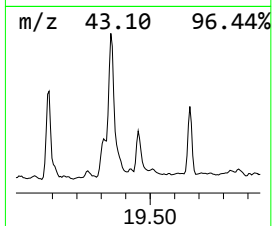
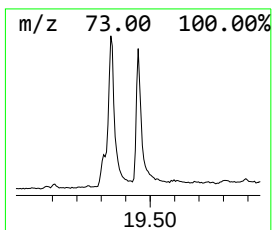
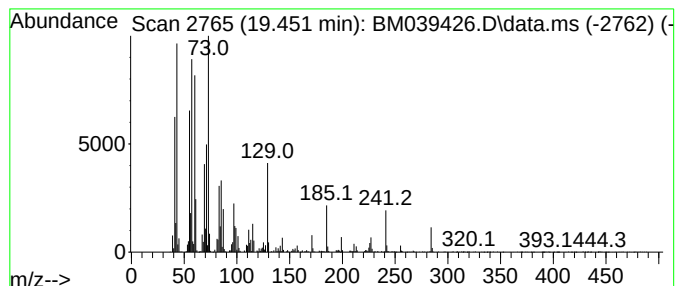
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.451	37.59 ng	2437310	Chrysene-d12	21.456	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
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Misc :
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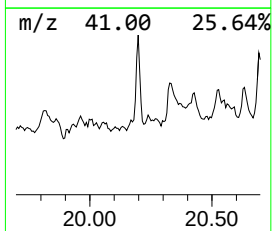
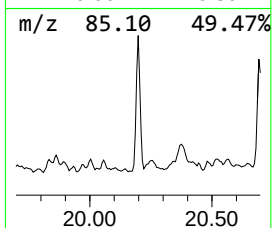
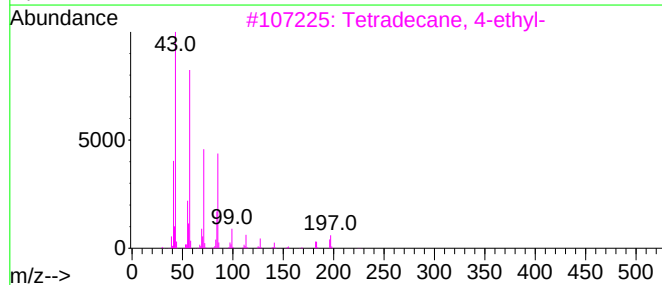
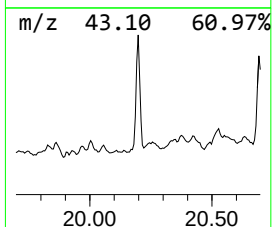
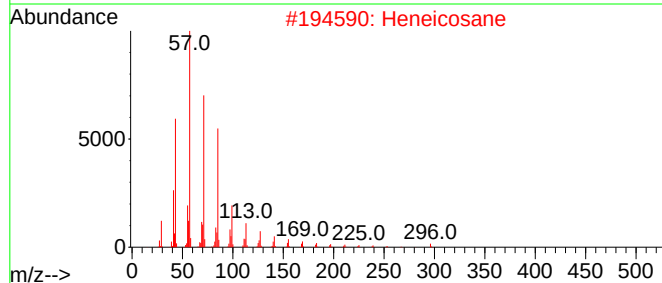
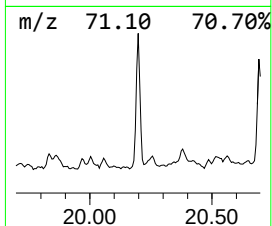
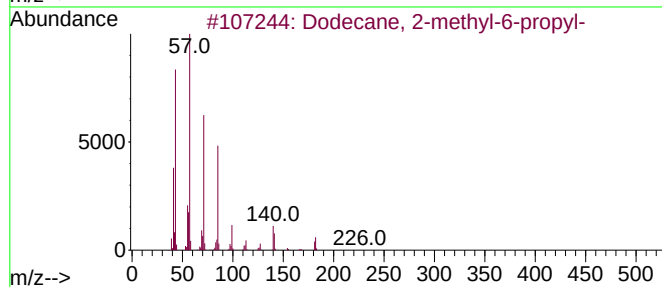
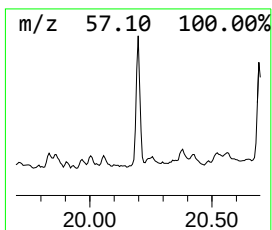
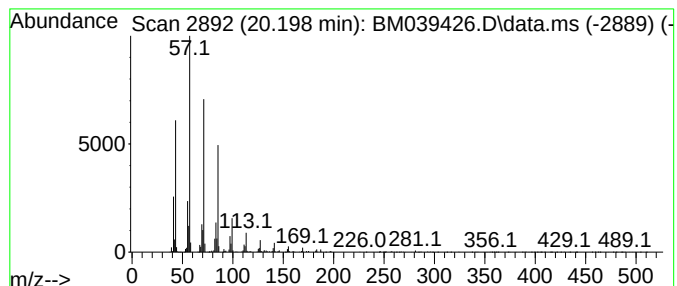
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetradecane, 4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.198	19.93 ng	1292350	Chrysene-d12		21.456	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	93
2	Heneicosane		296	C21H44	000629-94-7	91
3	Tetradecane, 4-ethyl-		226	C16H34	055045-14-2	91
4	Tetracosane		338	C24H50	000646-31-1	91
5	Nonadecane		268	C19H40	000629-92-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039426.D
Acq On : 14 Apr 2023 00:36
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Misc :
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ClientSampleId :
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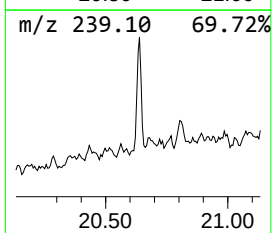
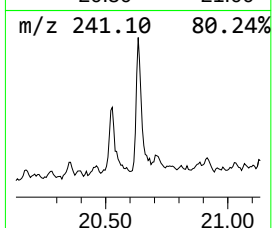
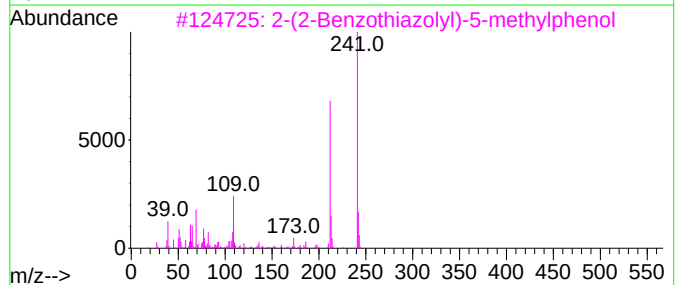
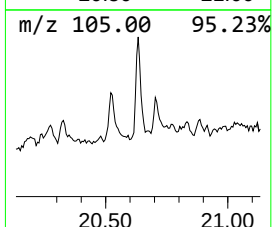
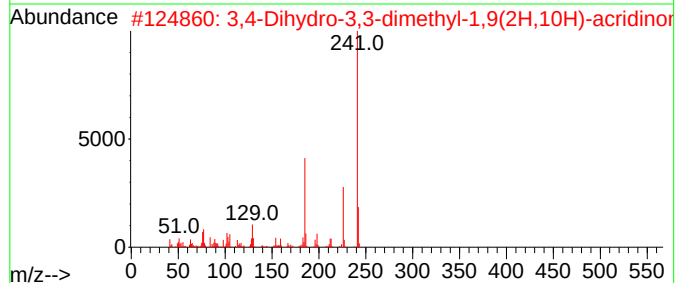
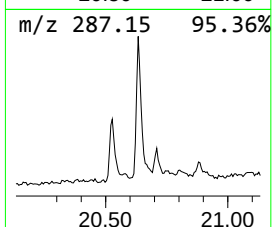
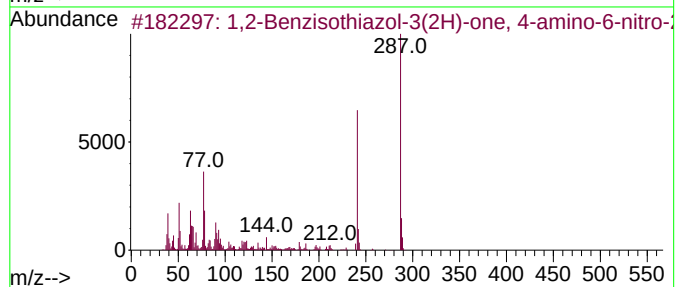
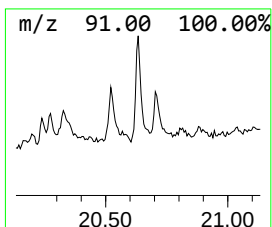
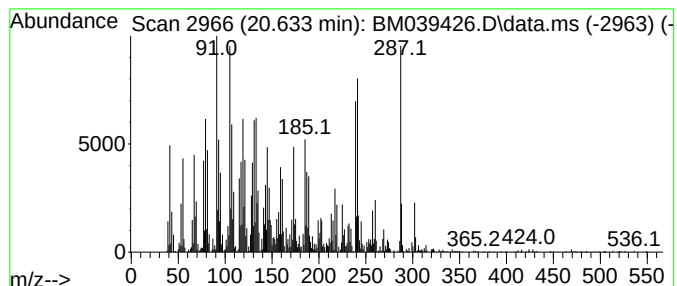
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown20.633 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.633	18.70 ng	1212450	Chrysene-d12	21.456

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzisothiazol-3(2H)-one, 4-...	287	C13H9N3O3S	1000277-42-1	42		
2	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1010212-95-2	35		
3	2-(2-Benzothiazolyl)-5-methylphenol	241	C14H11NOS	056048-54-5	25		
4	1-Isopropyl-3-(pyrazol-1-yl)-3H-...	241	C14H15N3O	1360058-23-6	25		
5	2,6-Di-tert-butylphenol, trifluo...	302	C16H21F3O2	1000467-25-5	18		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039426.D
Acq On : 14 Apr 2023 00:36
Operator : CG/JU
Sample : 02308-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

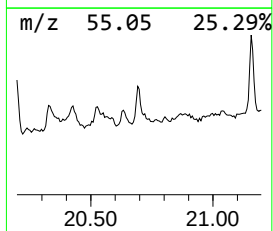
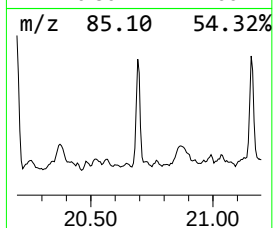
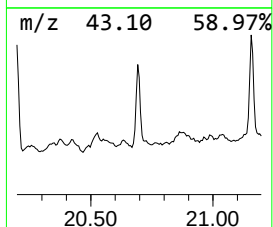
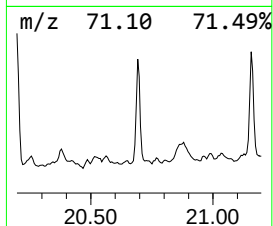
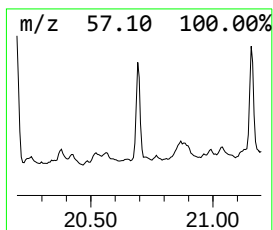
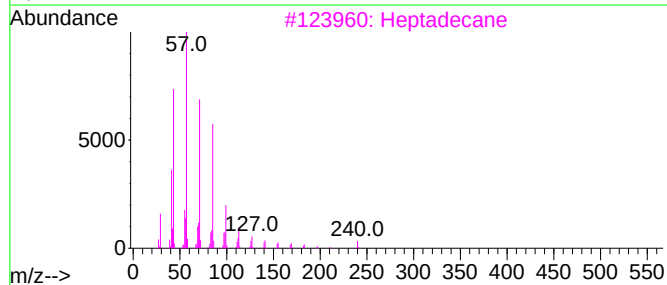
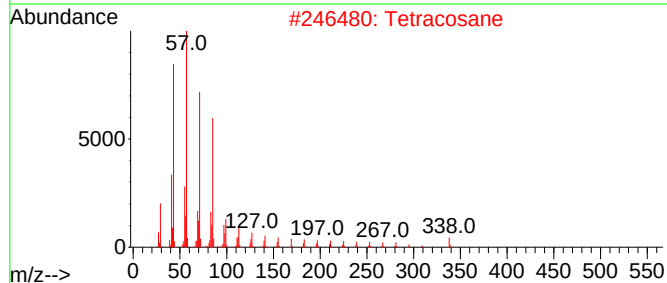
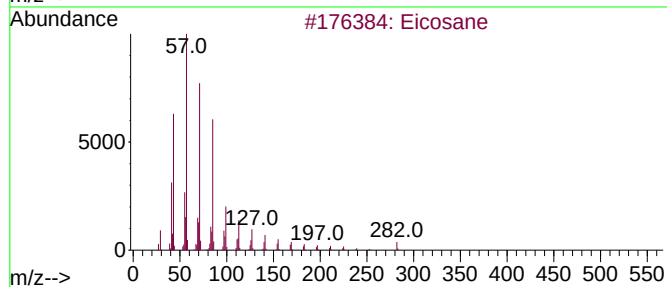
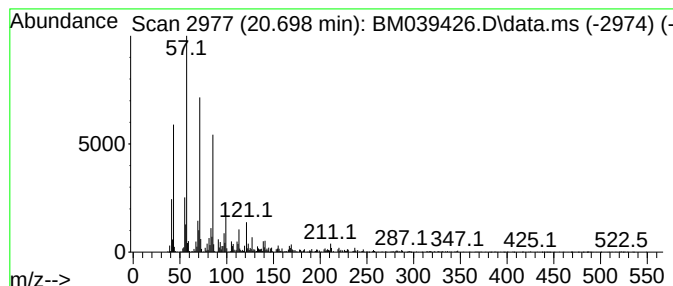
Instrument :
BNA_M
ClientSampleId :
EO-01-041223

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 19 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.698	20.54 ng	1332000	Chrysene-d12		21.456	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	95
2	Tetracosane		338	C24H50	000646-31-1	93
3	Heptadecane		240	C17H36	000629-78-7	93
4	Hexadecane		226	C16H34	000544-76-3	91
5	Tetradecane, 2,6,10-trimethyl-		240	C17H36	014905-56-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039426.D
Acq On : 14 Apr 2023 00:36
Operator : CG/JU
Sample : 02308-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-01-041223

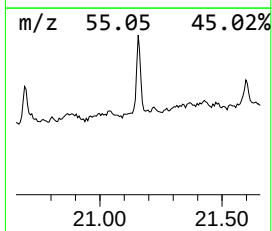
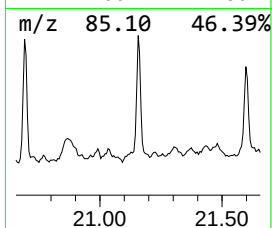
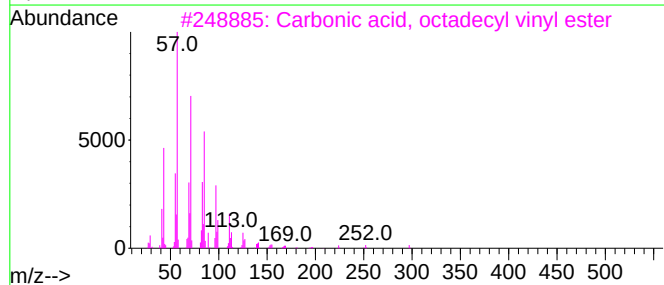
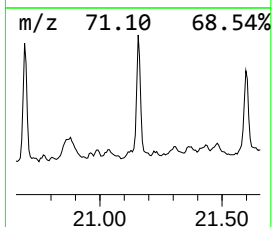
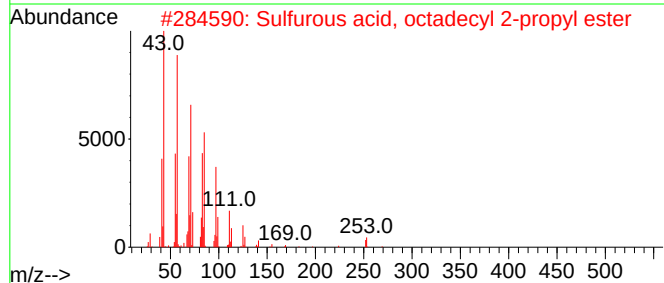
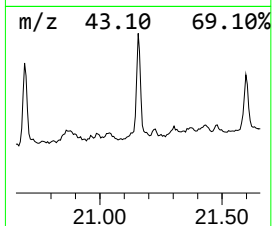
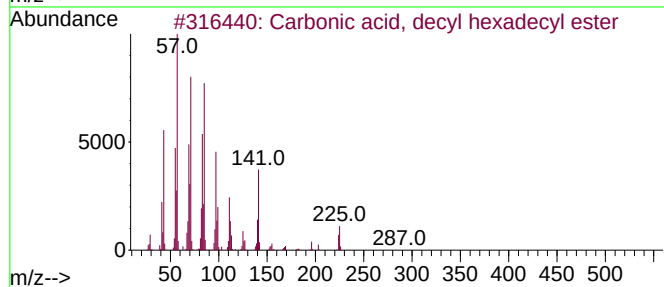
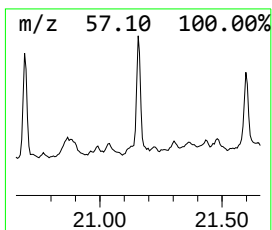
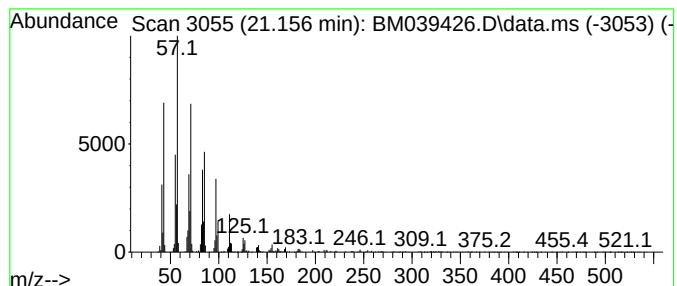
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Carbonic acid, decyl hexade... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.156	20.00 ng	1296860	Chrysene-d12	21.456

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, decyl hexadecyl e...	426	C27H54O3	1000383-16-5	91
2			Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
3			Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	90
4			1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
5			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039426.D
Acq On : 14 Apr 2023 00:36
Operator : CG/JU
Sample : 02308-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-01-041223

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
2-Pentanone, 4-...	4.946	21.5	ng	1326940	1	7.857	1236010	20.0
Tridecane	12.081	12.5	ng	954214	2	10.663	1527210	20.0
Naphthalene, 1,...	12.581	6.9	ng	528198	2	10.663	1527210	20.0
Tetradecane	13.328	12.9	ng	1463810	3	14.516	2265750	20.0
Carbonic acid, ...	13.980	8.8	ng	997945	3	14.516	2265750	20.0
Pentadecane	14.404	19.7	ng	2230320	3	14.516	2265750	20.0
Hexadecane	15.357	22.3	ng	2522180	3	14.516	2265750	20.0
Tridecane, 5-pr...	15.763	10.1	ng	1144880	3	14.516	2265750	20.0
Heneicosane	16.221	37.1	ng	4770640	4	17.268	2573760	20.0
Octadecane	17.015	21.7	ng	2794940	4	17.268	2573760	20.0
Eicosane	17.063	8.5	ng	1097210	4	17.268	2573760	20.0
Dodecane, 2-met...	17.757	19.6	ng	2522540	4	17.268	2573760	20.0
n-Hexadecanoic ...	18.168	31.3	ng	4030580	4	17.268	2573760	20.0
Tridecane, 1-iodo-	18.451	17.6	ng	2267770	4	17.268	2573760	20.0
10-Methylnonade...	19.080	20.3	ng	2611850	4	17.268	2573760	20.0
Octadecanoic acid	19.451	37.6	ng	2437310	5	21.456	1296860	20.0
Tetradecane, 4-...	20.198	19.9	ng	1292350	5	21.456	1296860	20.0
unknown20.633	20.633	18.7	ng	1212450	5	21.456	1296860	20.0
Tetracosane	20.698	20.5	ng	1332000	5	21.456	1296860	20.0
Carbonic acid, ...	21.156	20.0	ng	1296860	5	21.456	1296860	20.0