

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
 Data File : BM042576.D
 Acq On : 03 Nov 2023 18:35
 Operator : MA/JU
 Sample : 05170-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-103123

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-BM103023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042576.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.452	379	385	396	rBV	148980	233552	30.51%	2.688%
2	7.081	655	662	672	rBV	143293	239922	31.34%	2.762%
3	7.916	795	804	812	rBV	224760	352216	46.02%	4.054%
4	8.187	845	850	856	rBV5	5735	10926	1.43%	0.126%
5	9.063	992	999	1003	rBV2	11873	20519	2.68%	0.236%
6	9.116	1003	1008	1016	rVB	87354	144292	18.85%	1.661%
7	9.887	1136	1139	1148	rVB8	6397	15337	2.00%	0.177%
8	10.063	1162	1169	1172	rBV4	6381	11443	1.49%	0.132%
9	10.163	1178	1186	1191	rBV5	5895	11777	1.54%	0.136%
10	10.616	1255	1263	1274	rBV	40115	64598	8.44%	0.744%
11	10.734	1277	1283	1290	rVV	268700	454654	59.40%	5.233%
12	10.798	1290	1294	1301	rVB3	16856	30099	3.93%	0.346%
13	11.363	1386	1390	1394	rBV4	13094	22964	3.00%	0.264%
14	11.398	1394	1396	1403	rVB3	8200	11374	1.49%	0.131%
15	11.481	1403	1410	1416	rBV2	9070	17022	2.22%	0.196%
16	11.563	1416	1424	1430	rVB4	12663	25649	3.35%	0.295%
17	11.663	1436	1441	1445	rVB	27877	39314	5.14%	0.453%
18	11.904	1478	1482	1485	rBV4	9481	13632	1.78%	0.157%
19	12.069	1505	1510	1518	rBV	101125	143555	18.75%	1.652%
20	12.263	1539	1543	1544	rBV4	9657	11061	1.45%	0.127%
21	12.622	1598	1604	1607	rBV5	13781	21888	2.86%	0.252%
22	12.704	1614	1618	1622	rBV3	21264	33553	4.38%	0.386%
23	12.810	1633	1636	1640	rVB	16484	20244	2.64%	0.233%
24	12.886	1643	1649	1655	rBV	29193	48434	6.33%	0.558%
25	12.969	1659	1663	1667	rVB	19897	26528	3.47%	0.305%
26	13.016	1667	1671	1678	rBV	30810	45035	5.88%	0.518%
27	13.186	1694	1700	1706	rBV	216735	313809	41.00%	3.612%
28	13.316	1714	1722	1727	rBV	158258	209760	27.40%	2.415%
29	13.404	1732	1737	1741	rVV4	10648	17610	2.30%	0.203%
30	13.475	1746	1749	1755	rVB7	11011	22220	2.90%	0.256%
31	13.704	1784	1788	1790	rBV3	9431	12694	1.66%	0.146%
32	13.839	1807	1811	1814	rBV5	10685	16806	2.20%	0.193%
33	13.880	1814	1818	1822	rVB2	20247	27919	3.65%	0.321%
34	13.963	1824	1832	1837	rBV4	29621	64230	8.39%	0.739%
35	14.016	1837	1841	1845	rVB	15819	17493	2.29%	0.201%
36	14.092	1850	1854	1857	rBV	16058	20343	2.66%	0.234%

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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-BM103023.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.251	1875	1881	1884	rBV6	7102	14725	1.92%	0.169%
38	14.292	1884	1888	1894	rVV3	7357	17031	2.23%	0.196%
39	14.392	1900	1905	1912	rBV	123703	158127	20.66%	1.820%
40	14.469	1913	1918	1920	rBV6	10247	16940	2.21%	0.195%

41	14.569	1929	1935	1942	rVV	388742	568237	74.24%	6.541%
42	14.627	1942	1945	1957	rVB3	14652	36806	4.81%	0.424%
43	14.833	1976	1980	1981	rBV4	9040	12427	1.62%	0.143%
44	14.886	1986	1989	1994	rVV4	11384	18457	2.41%	0.212%
45	14.945	1995	1999	2005	rVV5	19403	34092	4.45%	0.392%

46	15.004	2005	2009	2018	rVV4	20456	46733	6.11%	0.538%
47	15.074	2018	2021	2029	rVB	13843	18535	2.42%	0.213%
48	15.174	2032	2038	2042	rVV6	8427	18124	2.37%	0.209%
49	15.221	2042	2046	2054	rVB8	10123	20246	2.65%	0.233%
50	15.339	2062	2066	2071	rVV	81101	100875	13.18%	1.161%

51	15.392	2071	2075	2080	rVB5	7701	12291	1.61%	0.141%
52	15.616	2110	2113	2121	rVB3	11638	22028	2.88%	0.254%
53	15.733	2129	2133	2139	rVB2	22191	38343	5.01%	0.441%
54	15.898	2157	2161	2169	rVB8	12920	24523	3.20%	0.282%
55	15.969	2169	2173	2176	rBV5	10215	14025	1.83%	0.161%

56	16.063	2183	2189	2199	rBV	181311	274487	35.86%	3.160%
57	16.204	2209	2213	2220	rBV	56765	82508	10.78%	0.950%
58	16.268	2220	2224	2228	rVB6	6999	12631	1.65%	0.145%
59	16.363	2236	2240	2244	rVV	9613	11778	1.54%	0.136%
60	16.421	2244	2250	2255	rVB6	10661	24610	3.22%	0.283%

61	16.474	2255	2259	2264	rBV4	10245	17977	2.35%	0.207%
62	16.610	2274	2282	2288	rVB9	9661	24276	3.17%	0.279%
63	16.674	2288	2293	2302	rBV9	11388	32733	4.28%	0.377%
64	16.827	2315	2319	2323	rVB6	8763	12671	1.66%	0.146%
65	16.998	2344	2348	2352	rBV2	28959	33674	4.40%	0.388%

66	17.039	2352	2355	2360	rVB3	12904	16802	2.20%	0.193%
67	17.139	2367	2372	2378	rBV	11900	19629	2.56%	0.226%
68	17.321	2395	2403	2407	rBV	462576	684721	89.46%	7.882%
69	17.363	2407	2410	2418	rVB	158461	210399	27.49%	2.422%
70	17.451	2420	2425	2431	rVV	39835	62964	8.23%	0.725%

71	17.739	2470	2474	2479	rBV2	27043	34769	4.54%	0.400%
72	17.904	2497	2502	2505	rBV3	8880	13646	1.78%	0.157%
73	18.168	2542	2547	2555	rBV2	149793	289857	37.87%	3.337%
74	18.239	2556	2559	2565	rVB	35594	56007	7.32%	0.645%
75	18.315	2570	2572	2576	rVV2	15463	22586	2.95%	0.260%

76	18.392	2579	2585	2588	rVV3	34272	71671	9.36%	0.825%
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OK-02-103123

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-BM103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	18.433	2588	2592	2597	rVB2	33173	52180	6.82%	0.601%
78	19.068	2697	2700	2703	rBV	27637	35101	4.59%	0.404%
79	19.374	2747	2752	2758	rBV	240612	318229	41.58%	3.663%
80	19.445	2761	2764	2770	rVV2	63155	90483	11.82%	1.042%
81	19.739	2810	2814	2822	rVB	198651	281531	36.78%	3.241%
82	19.933	2842	2847	2853	rBV	333887	426401	55.71%	4.908%
83	20.186	2887	2890	2894	rBV2	54157	76270	9.96%	0.878%
84	21.498	3110	3113	3118	rVB	562180	765430	100.00%	8.811%
85	23.921	3521	3525	3533	rVB	362320	646392	84.45%	7.441%

Sum of corrected areas: 8687450

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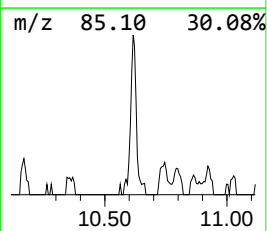
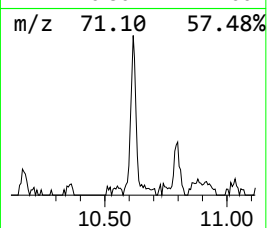
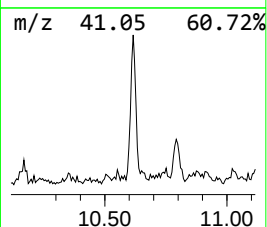
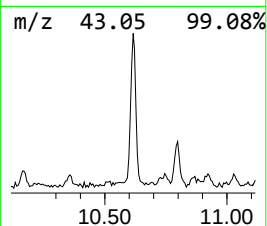
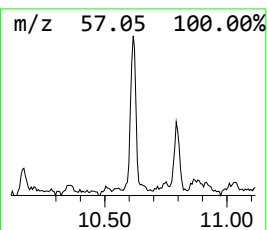
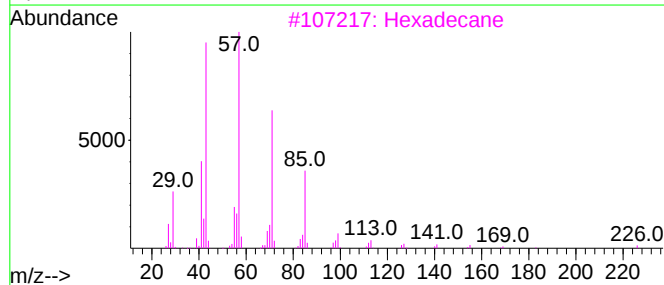
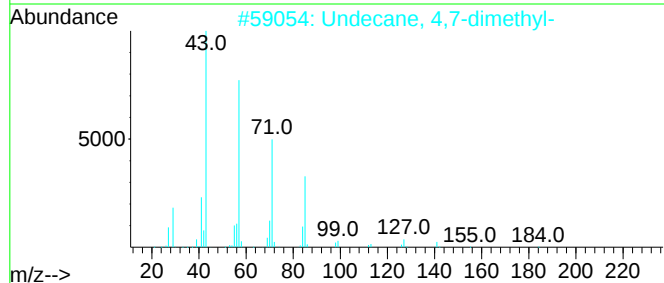
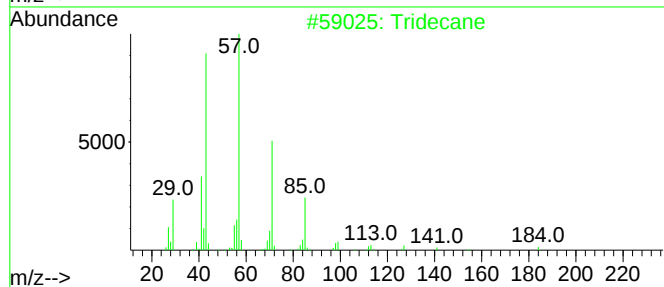
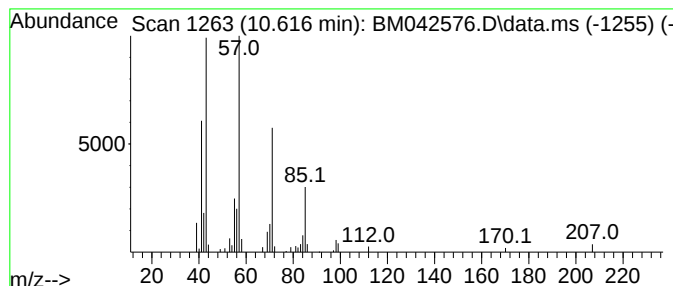
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	2.84 ng	64598	Naphthalene-d8	10.733

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	78
2			Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	64
3			Hexadecane	226	C16H34	000544-76-3	64
4			Undecane	156	C11H24	001120-21-4	59
5			Nonane	128	C9H20	000111-84-2	53



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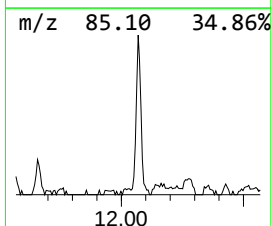
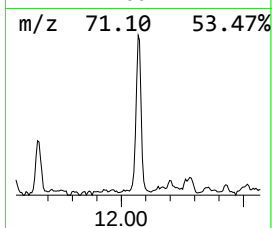
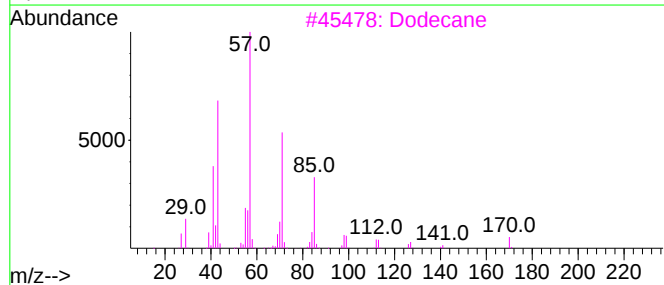
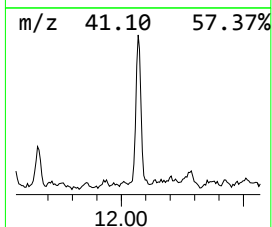
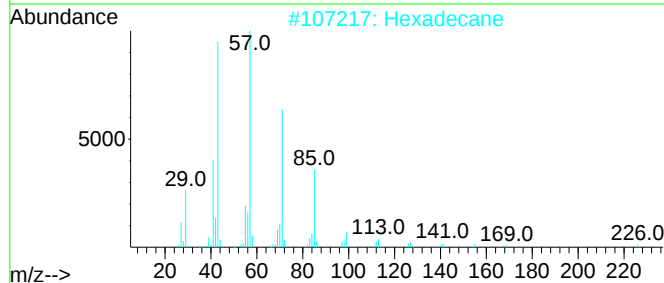
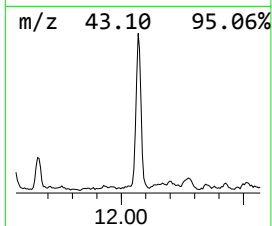
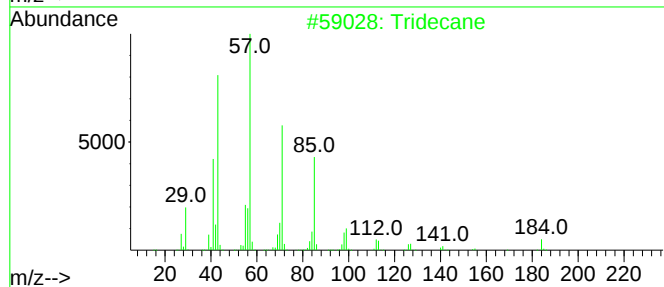
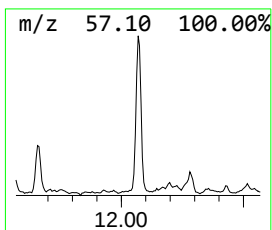
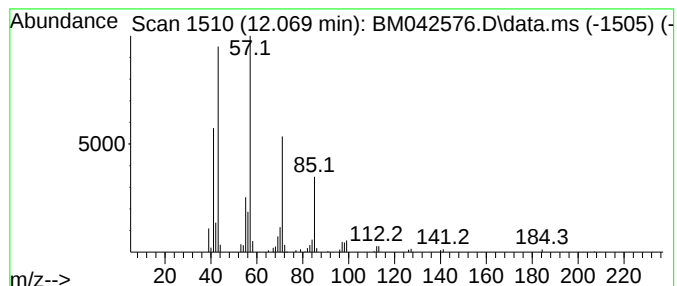
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	6.31 ng	143555	Naphthalene-d8	10.733

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	95
2		Hexadecane	226	C16H34	000544-76-3	86
3		Dodecane	170	C12H26	000112-40-3	86
4		Nonadecane	268	C19H40	000629-92-5	78
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



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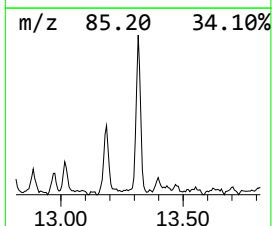
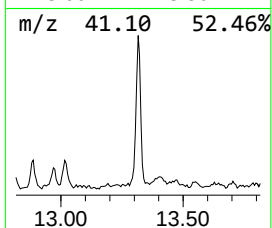
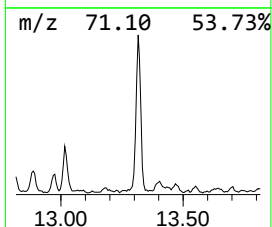
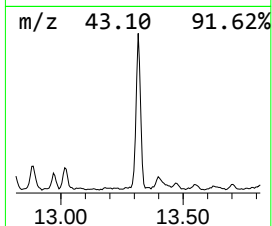
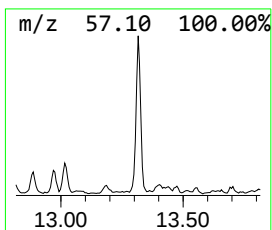
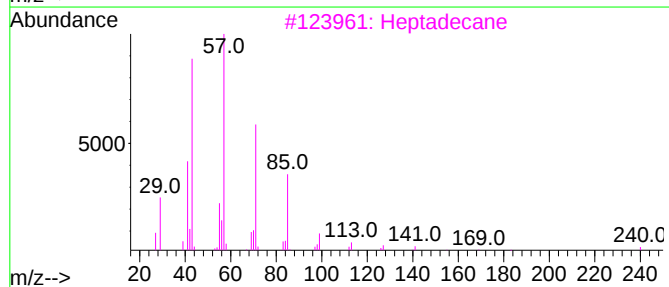
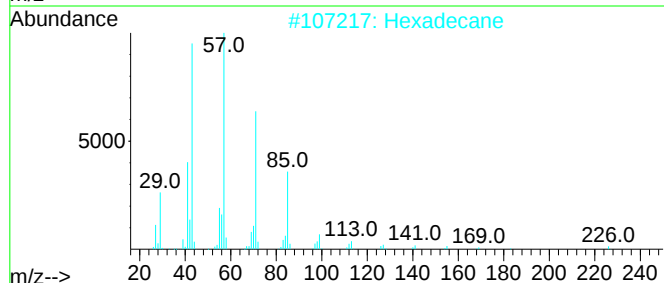
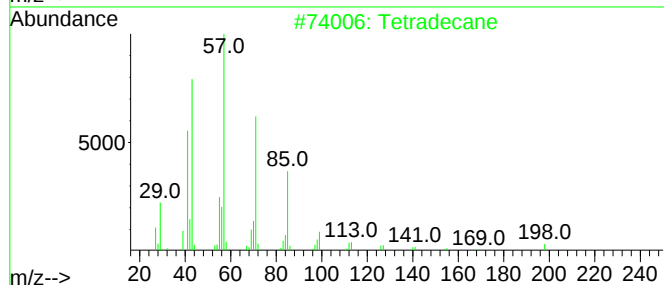
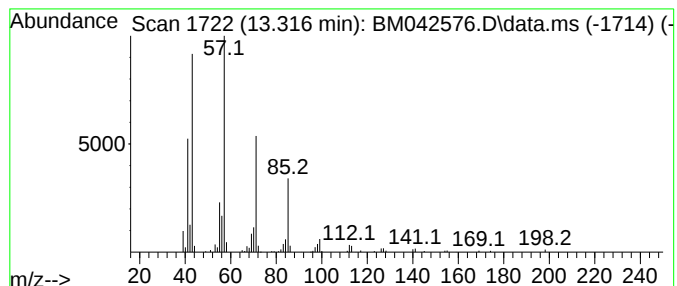
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.316	7.38 ng	209760	Acenaphthene-d10	14.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Hexadecane	226	C16H34	000544-76-3	91
3			Heptadecane	240	C17H36	000629-78-7	90
4			Nonadecane	268	C19H40	000629-92-5	90
5			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90



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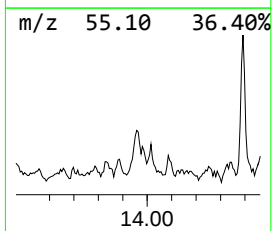
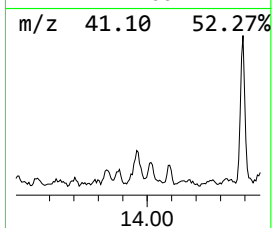
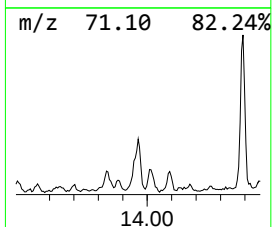
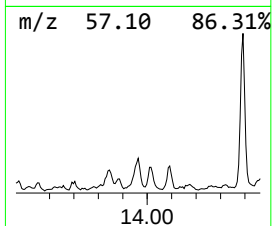
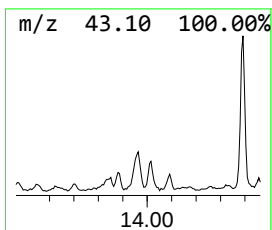
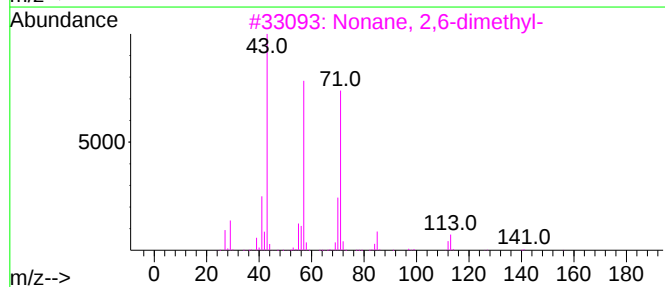
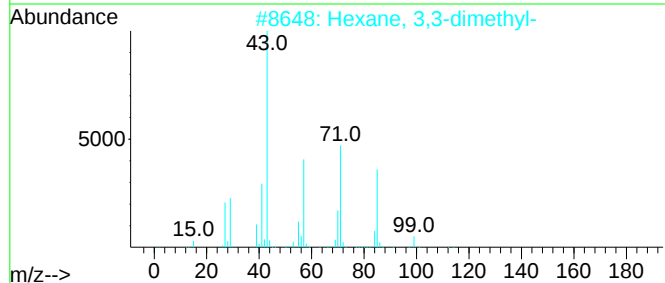
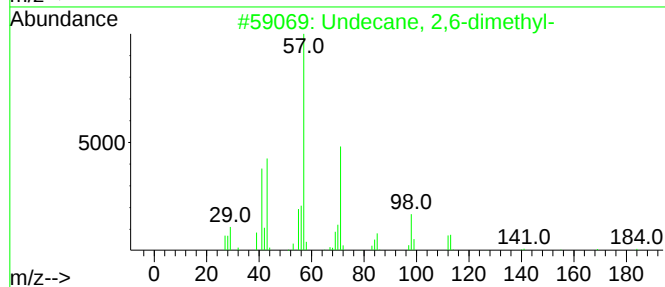
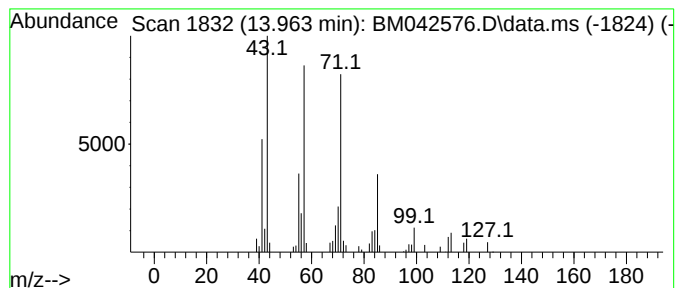
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.963	2.26 ng	64230	Acenaphthene-d10	14.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	80
2			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
3			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	59
4			Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	59
5			Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042576.D
Acq On : 03 Nov 2023 18:35
Operator : MA/JU
Sample : 05170-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-02-103123

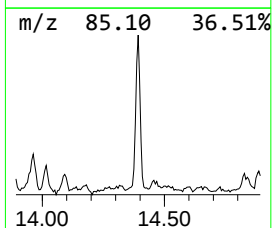
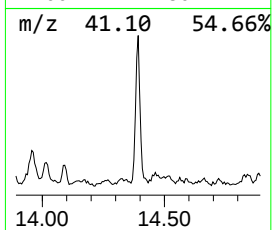
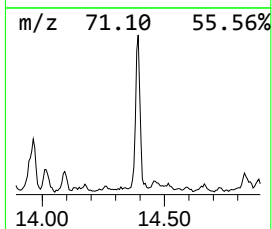
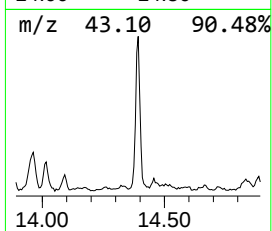
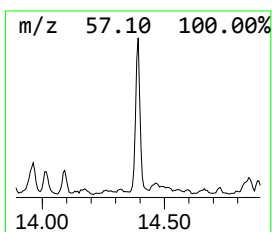
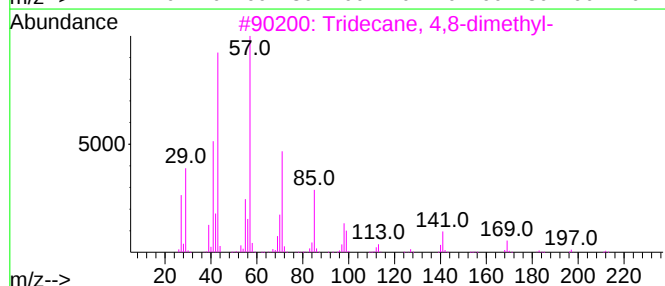
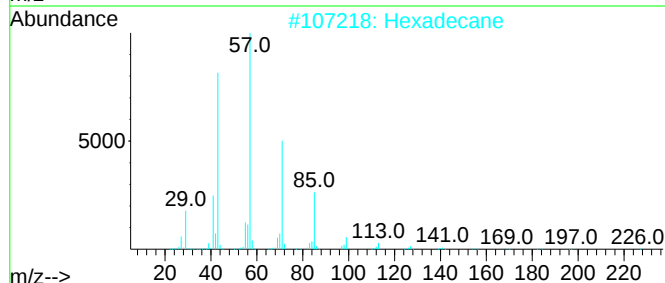
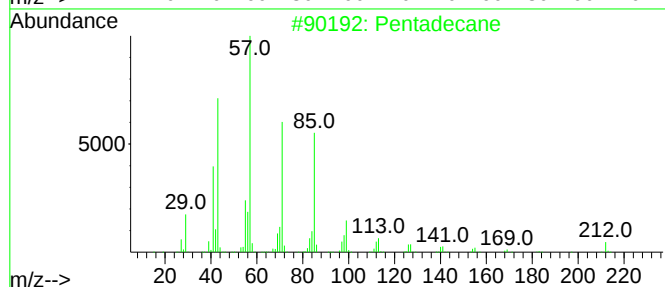
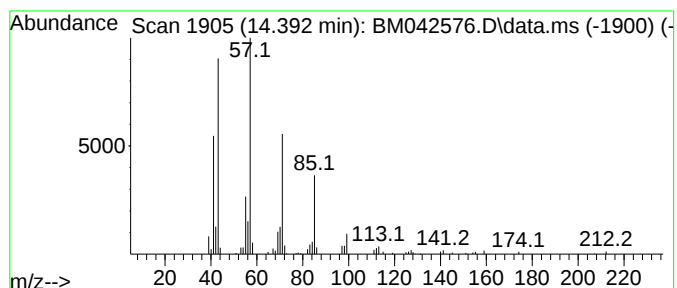
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.392	5.57 ng	158127	Acenaphthene-d10	14.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	95
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	90
4			Nonadecane	268	C19H40	000629-92-5	90
5			Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042576.D
Acq On : 03 Nov 2023 18:35
Operator : MA/JU
Sample : 05170-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-02-103123

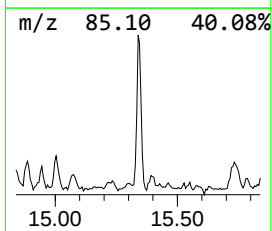
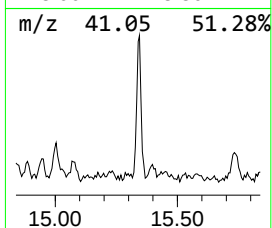
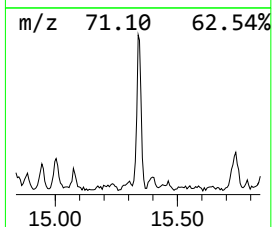
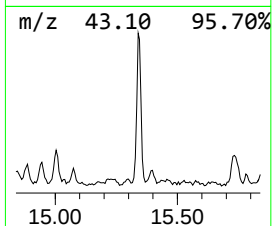
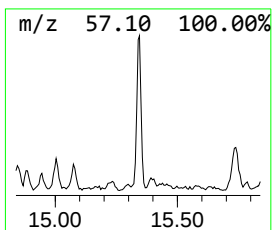
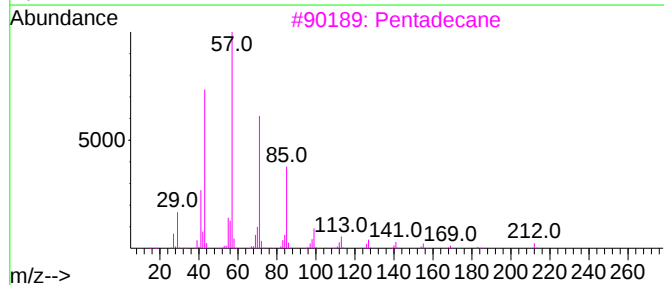
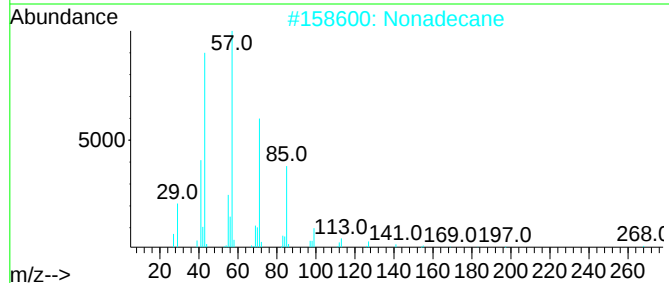
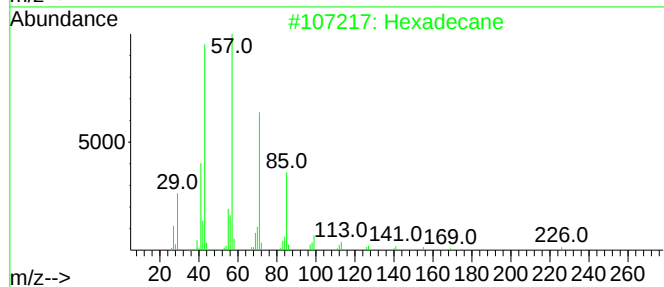
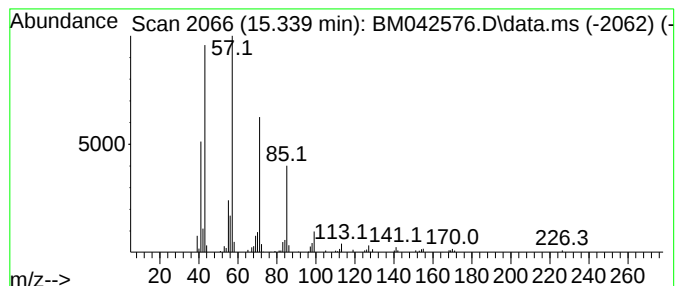
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.339	3.55 ng	100875	Acenaphthene-d10	14.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Nonadecane	268	C19H40	000629-92-5	91
3			Pentadecane	212	C15H32	000629-62-9	90
4			Undecane, 2-methyl-	170	C12H26	007045-71-8	87
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042576.D
Acq On : 03 Nov 2023 18:35
Operator : MA/JU
Sample : 05170-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-02-103123

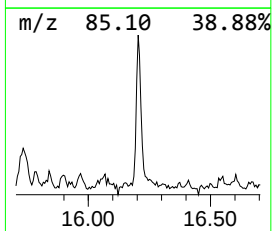
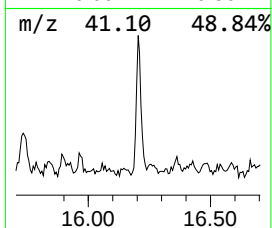
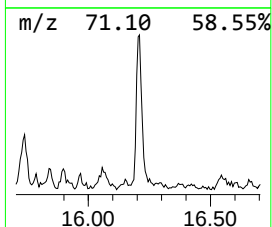
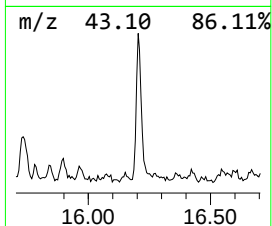
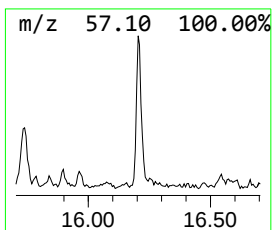
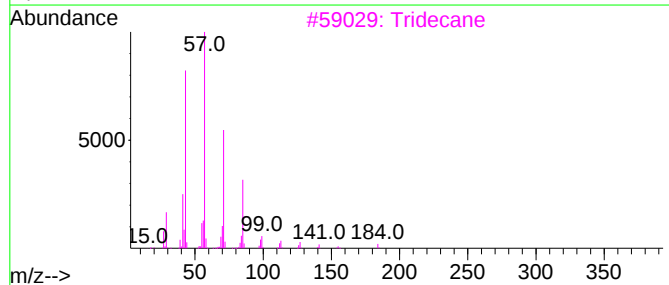
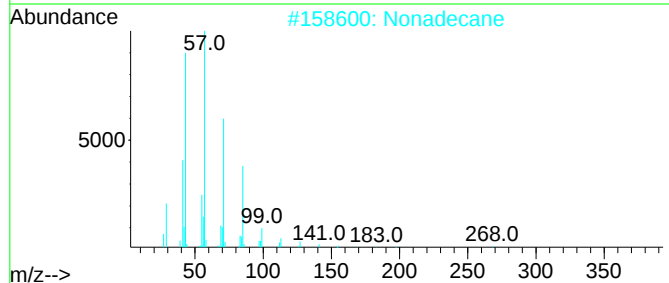
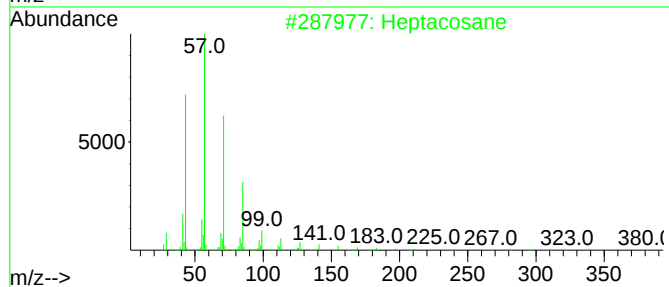
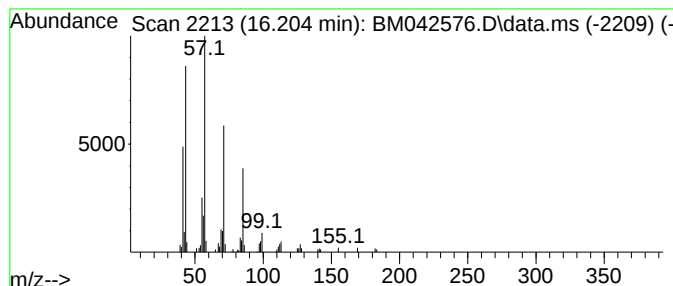
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.204	2.41 ng	82508	Phenanthrene-d10	17.321

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	91
2		Nonadecane	268	C19H40	000629-92-5	90
3		Tridecane	184	C13H28	000629-50-5	90
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042576.D
Acq On : 03 Nov 2023 18:35
Operator : MA/JU
Sample : 05170-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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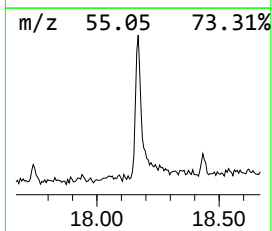
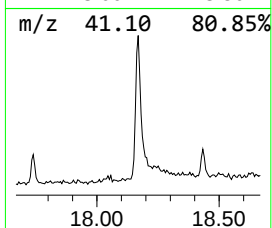
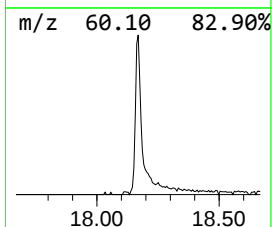
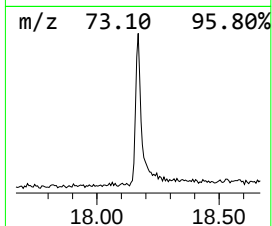
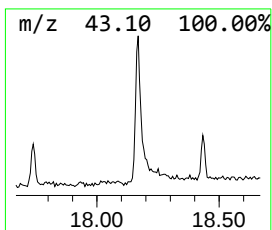
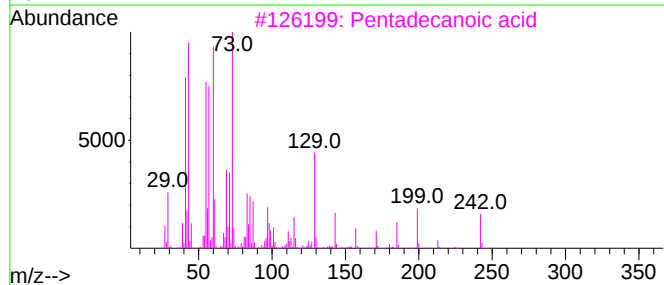
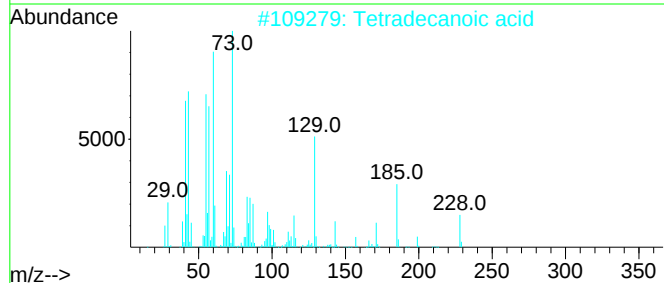
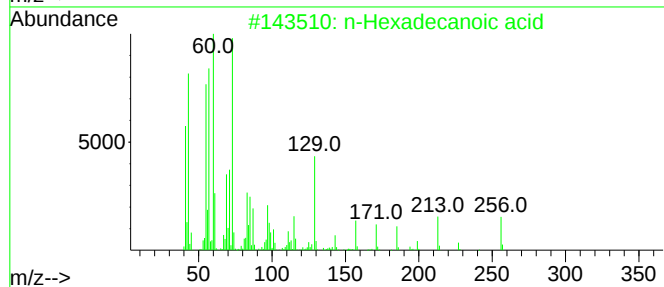
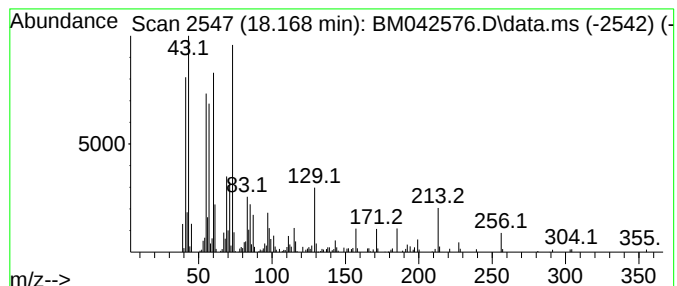
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	8.47 ng	289857	Phenanthrene-d10	17.321

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	89
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4			Tridecanoic acid	214	C13H26O2	000638-53-9	68
5			Dodecanoic acid	200	C12H24O2	000143-07-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042576.D
Acq On : 03 Nov 2023 18:35
Operator : MA/JU
Sample : 05170-01 5X
Misc :
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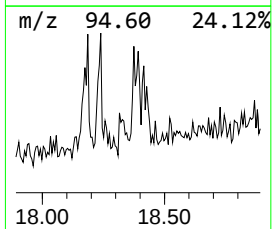
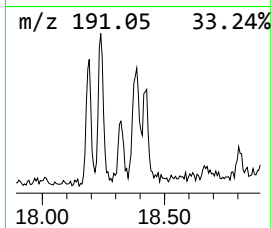
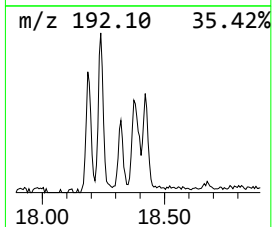
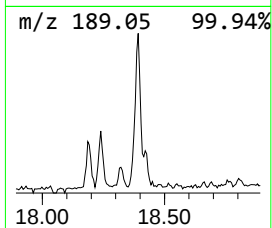
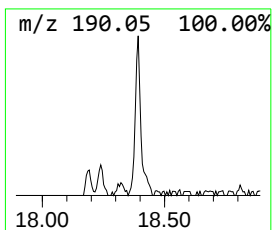
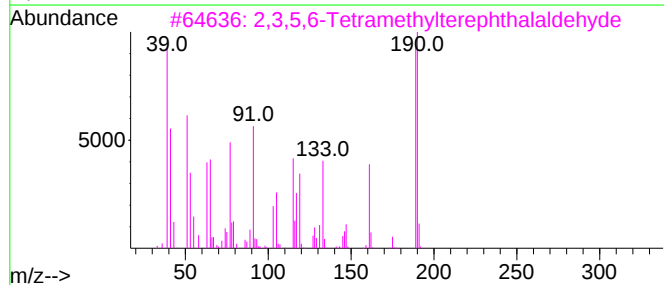
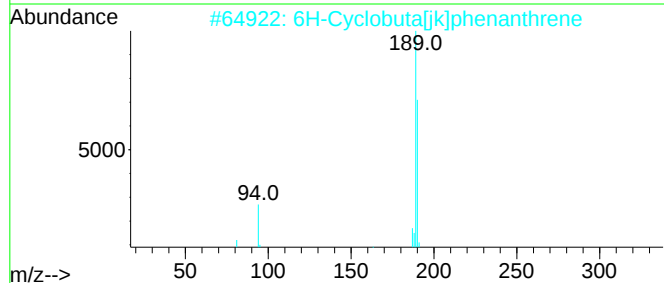
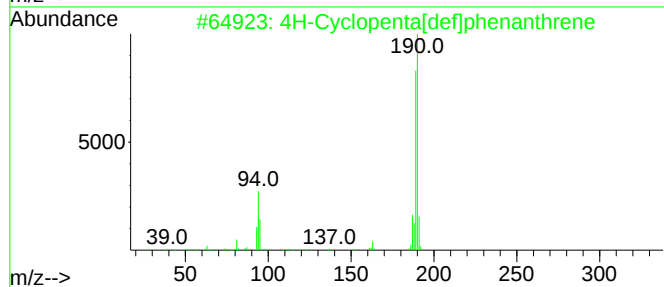
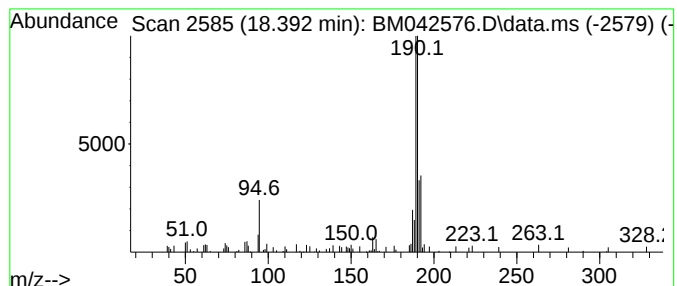
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.392	2.09 ng	71671	Phenanthrene-d10	17.321	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	8H-Imidazo[4,5-E]-2,1,3-benzothi...	190	C8H6N4S	129485-68-3	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042576.D
Acq On : 03 Nov 2023 18:35
Operator : MA/JU
Sample : 05170-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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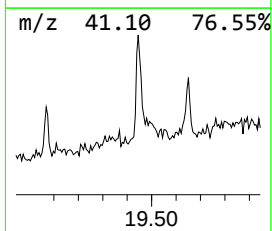
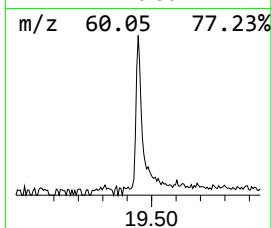
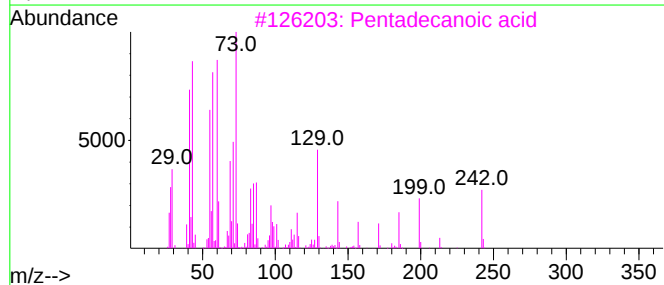
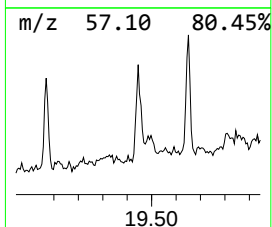
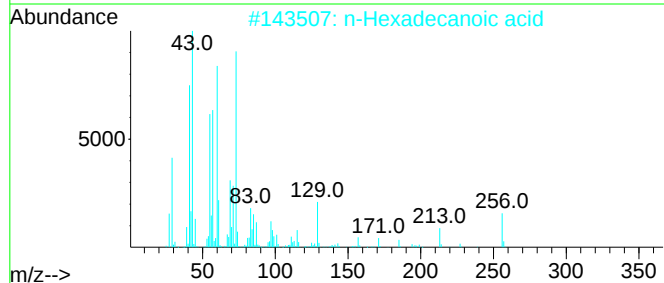
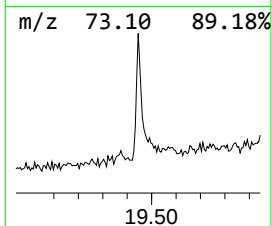
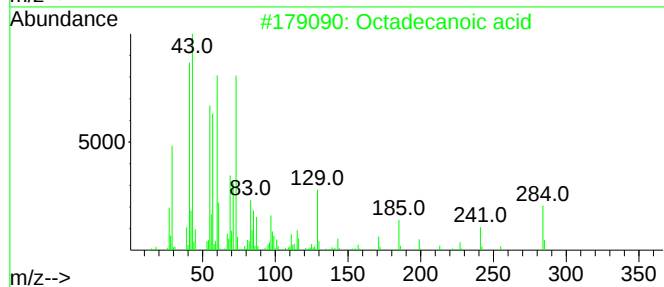
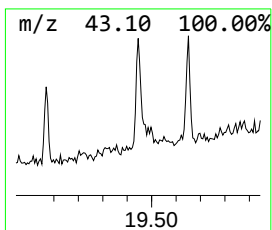
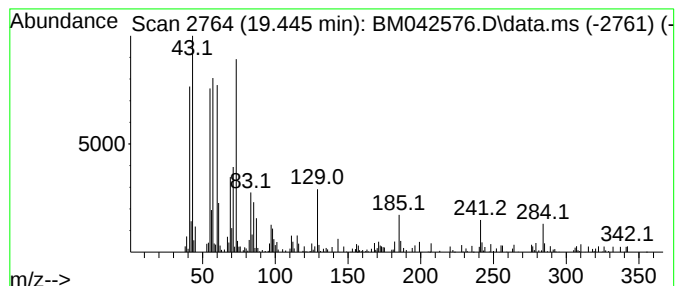
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	2.36 ng	90483	Chrysene-d12	21.503

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	93
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4			Tridecanoic acid	214	C13H26O2	000638-53-9	72
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042576.D
Acq On : 03 Nov 2023 18:35
Operator : MA/JU
Sample : 05170-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-02-103123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.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
Tridecane	10.616	2.8	ng	64598	2	10.733	454654	20.0
Hexadecane	12.069	6.3	ng	143555	2	10.733	454654	20.0
Tetradecane	13.316	7.4	ng	209760	3	14.569	568237	20.0
Undecane, 2,6-d...	13.963	2.3	ng	64230	3	14.569	568237	20.0
Pentadecane	14.392	5.6	ng	158127	3	14.569	568237	20.0
Nonadecane	15.339	3.5	ng	100875	3	14.569	568237	20.0
Heptacosane	16.204	2.4	ng	82508	4	17.321	684721	20.0
n-Hexadecanoic ...	18.168	8.5	ng	289857	4	17.321	684721	20.0
4H-Cyclopenta[d...	18.392	2.1	ng	71671	4	17.321	684721	20.0
Octadecanoic acid	19.445	2.4	ng	90483	5	21.503	765430	20.0