

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060420\
 Data File : BF120533.D
 Acq On : 4 Jun 2020 15:06
 Operator : JU/CG
 Sample : L2839-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM103-COMP-2020-0-6

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.952	8	11	26	rBV	3720317	6001780	100.00%	10.459%
2	2.069	26	31	37	rVB	775445	1093672	18.22%	1.906%
3	2.110	37	38	49	rBV	62406	140740	2.34%	0.245%
4	5.175	533	559	563	rBV	77386	397474	6.62%	0.693%
5	5.446	600	605	608	rBV	2867337	2677648	44.61%	4.666%
6	6.463	773	778	781	rBV	2186806	2333865	38.89%	4.067%
7	6.828	836	840	843	rBV	877202	763277	12.72%	1.330%
8	6.981	862	866	870	rBV	2368952	2124244	35.39%	3.702%
9	7.387	930	935	938	rBV	1587601	1507882	25.12%	2.628%
10	8.110	1053	1058	1060	rBV	1542708	1319286	21.98%	2.299%
11	9.186	1235	1241	1244	rBV	4718997	4090353	68.15%	7.128%
12	9.581	1304	1308	1312	rVB	463760	437325	7.29%	0.762%
13	9.863	1349	1356	1359	rBV	1710131	1636141	27.26%	2.851%
14	9.892	1359	1361	1364	rBV	83467	78864	1.31%	0.137%
15	10.069	1387	1391	1395	rBV2	79812	85301	1.42%	0.149%
16	10.410	1446	1449	1453	rVB	92709	74230	1.24%	0.129%
17	10.651	1486	1490	1494	rBV	2197973	2108950	35.14%	3.675%
18	11.016	1545	1552	1556	rBV4	113964	222718	3.71%	0.388%
19	11.210	1580	1585	1589	rBV5	31736	68757	1.15%	0.120%
20	11.245	1589	1591	1597	rVB	66235	60252	1.00%	0.105%
21	11.298	1597	1600	1604	rBV	102569	102206	1.70%	0.178%
22	11.351	1604	1609	1611	rVV	1681971	1474576	24.57%	2.570%
23	11.375	1611	1613	1616	rVV	1176209	872830	14.54%	1.521%
24	11.427	1616	1622	1625	rVB	578901	535834	8.93%	0.934%
25	11.580	1642	1648	1650	rBV2	101120	134831	2.25%	0.235%
26	11.745	1671	1676	1682	rVB5	37469	78700	1.31%	0.137%
27	11.816	1682	1688	1690	rBV2	190030	231680	3.86%	0.404%
28	11.851	1690	1694	1696	rVV2	288209	333751	5.56%	0.582%
29	11.886	1696	1700	1704	rVV2	814974	839314	13.98%	1.463%
30	11.927	1704	1707	1710	rVV	127730	143926	2.40%	0.251%
31	11.963	1710	1713	1716	rVV	245255	281037	4.68%	0.490%
32	11.986	1716	1717	1720	rVB	104717	62423	1.04%	0.109%
33	12.145	1740	1744	1747	rBV	110516	136891	2.28%	0.239%
34	12.169	1747	1748	1752	rVB	106859	77738	1.30%	0.135%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	12.404	1785	1788	1790	rBV	95791	95157	1.59%	0.166%
36	12.439	1790	1794	1796	rVV2	78402	83730	1.40%	0.146%
37	12.486	1799	1802	1805	rBV	132553	130572	2.18%	0.228%
38	12.569	1808	1816	1819	rBV	1676250	1914752	31.90%	3.337%
39	12.674	1828	1834	1839	rBV2	611225	634487	10.57%	1.106%
40	12.716	1839	1841	1844	rVV	66145	64348	1.07%	0.112%
41	12.792	1848	1854	1860	rBV2	1415662	1644015	27.39%	2.865%
42	12.839	1860	1862	1867	rVB2	72146	86150	1.44%	0.150%
43	12.910	1871	1874	1875	rBV3	101051	88608	1.48%	0.154%
44	12.939	1875	1879	1882	rVV	3553618	3255398	54.24%	5.673%
45	13.010	1886	1891	1895	rBV2	110258	181788	3.03%	0.317%
46	13.098	1903	1906	1907	rBV2	90416	92839	1.55%	0.162%
47	13.121	1907	1910	1913	rVB	234387	219817	3.66%	0.383%
48	13.169	1914	1918	1919	rVV2	122355	137093	2.28%	0.239%
49	13.186	1919	1921	1924	rVB	193575	169113	2.82%	0.295%
50	13.227	1924	1928	1930	rBV2	159830	177411	2.96%	0.309%
51	13.316	1941	1943	1946	rVB	91474	79892	1.33%	0.139%
52	13.351	1946	1949	1953	rVB	97484	93673	1.56%	0.163%
53	13.627	1993	1996	2001	rVB	145726	142804	2.38%	0.249%
54	13.739	2011	2015	2018	rBV2	156374	217622	3.63%	0.379%
55	13.769	2018	2020	2022	rVV	184055	177706	2.96%	0.310%
56	13.792	2022	2024	2029	rVV2	163399	244188	4.07%	0.426%
57	13.845	2029	2033	2040	rVB2	470031	664351	11.07%	1.158%
58	13.992	2050	2058	2061	rBV2	1461282	2215905	36.92%	3.862%
59	14.021	2061	2063	2068	rVB	961411	823192	13.72%	1.435%
60	14.098	2073	2076	2079	rVB	160488	123756	2.06%	0.216%
61	14.157	2084	2086	2088	rVV2	105164	114064	1.90%	0.199%
62	14.180	2088	2090	2092	rVV	105704	104035	1.73%	0.181%
63	14.216	2092	2096	2099	rVB2	67823	103873	1.73%	0.181%
64	14.380	2121	2124	2126	rVB	126590	115481	1.92%	0.201%
65	14.416	2127	2130	2133	rVB	82810	84684	1.41%	0.148%
66	14.468	2135	2139	2140	rBV	258846	261140	4.35%	0.455%
67	14.486	2140	2142	2147	rVB3	165556	255854	4.26%	0.446%
68	14.768	2187	2190	2193	rVB	166839	160066	2.67%	0.279%
69	14.910	2211	2214	2217	rBV	180026	186960	3.12%	0.326%
70	15.027	2229	2234	2237	rBV	737055	1084897	18.08%	1.891%
71	15.104	2243	2247	2250	rBV	606556	646443	10.77%	1.127%

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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

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72	15.139	2250	2253	2263	rVB2	295911	601390	10.02%	1.048%
73	15.327	2281	2285	2290	rVB	412617	496936	8.28%	0.866%
74	15.386	2291	2295	2301	rVB	625917	750931	12.51%	1.309%
75	15.451	2301	2306	2309	rBV	882620	1120778	18.67%	1.953%
76	15.480	2309	2311	2318	rVB2	381521	421154	7.02%	0.734%
77	15.680	2341	2345	2349	rVB2	221950	304419	5.07%	0.530%
78	15.915	2380	2385	2391	rVB	1234163	1914618	31.90%	3.337%
79	15.986	2392	2397	2408	rBV3	276326	710050	11.83%	1.237%
80	16.415	2467	2470	2474	rVB2	97416	134834	2.25%	0.235%
81	16.704	2514	2519	2529	rVB6	189793	429877	7.16%	0.749%
82	16.892	2546	2551	2557	rBV2	259865	490703	8.18%	0.855%
83	17.074	2578	2582	2585	rBV2	103949	195787	3.26%	0.341%
84	17.327	2620	2625	2635	rVB	199695	407796	6.79%	0.711%

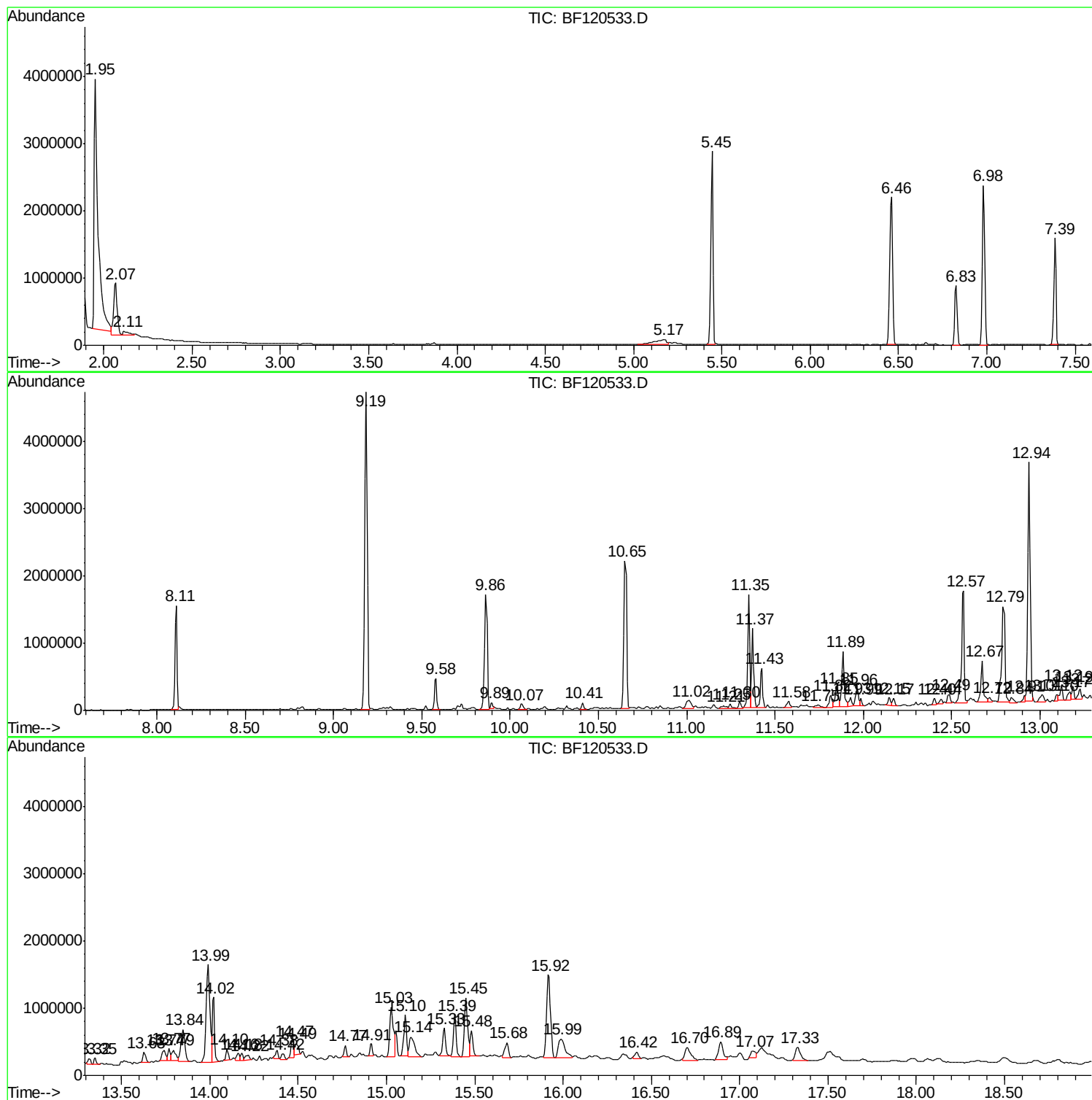
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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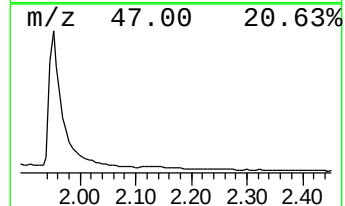
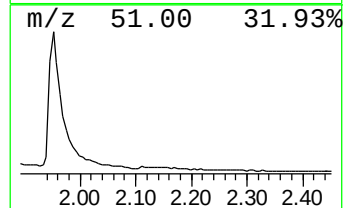
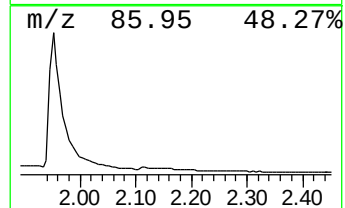
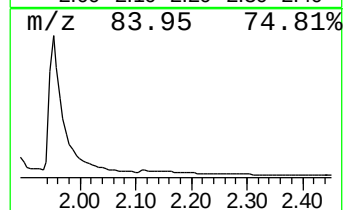
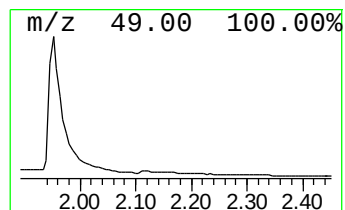
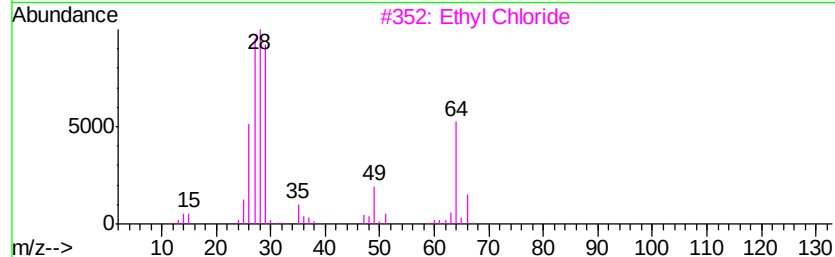
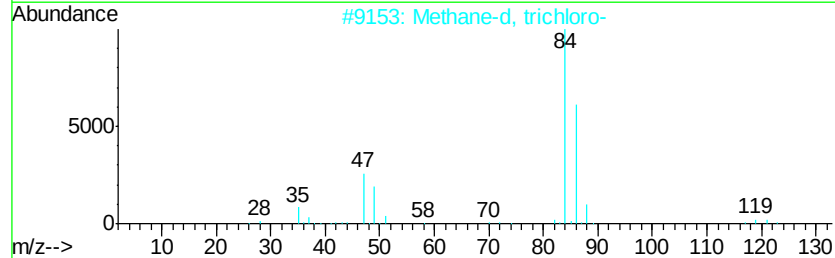
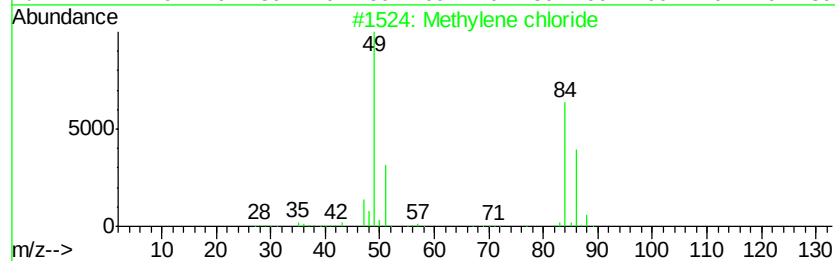
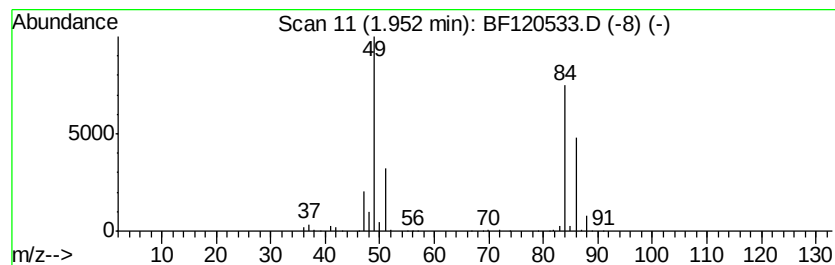
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Methylene chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	157.26 ng	6001780	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methylene chloride	84	CH2Cl2	000075-09-2	95
2		Methane-d, trichloro-	119	CDCl3	000865-49-6	14
3		Ethyl Chloride	64	C2H5Cl	000075-00-3	4
4		Krypton	84	Kr	007439-90-9	3
5		Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2



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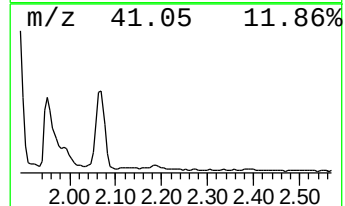
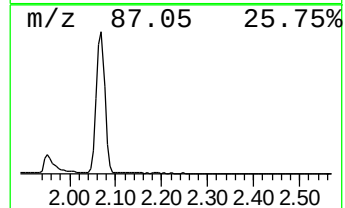
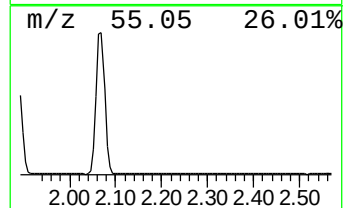
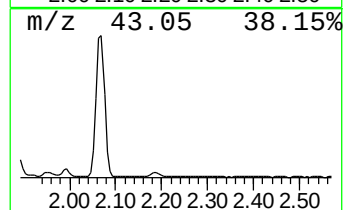
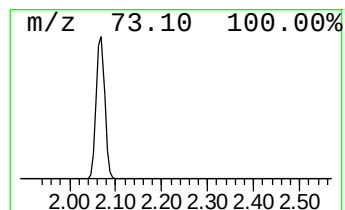
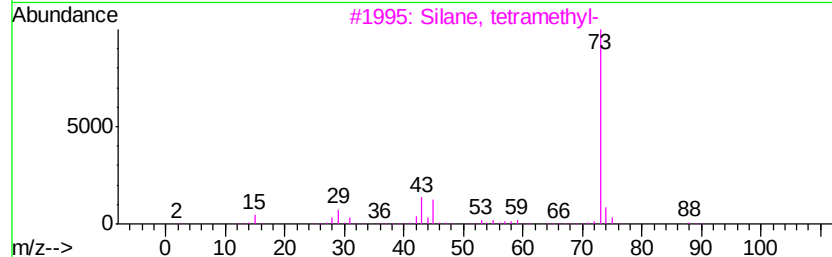
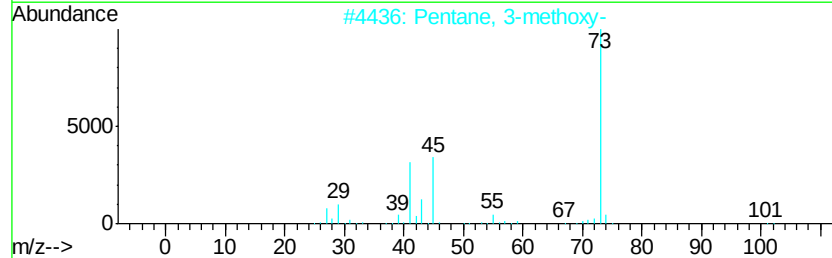
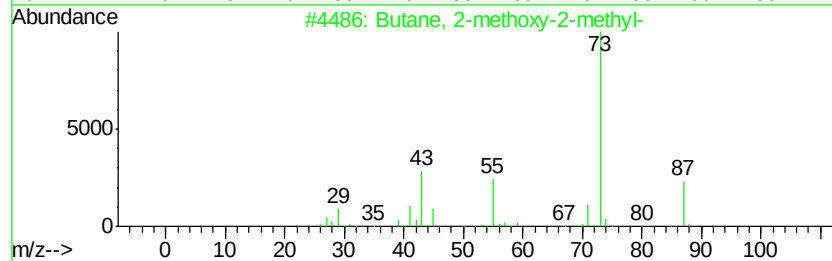
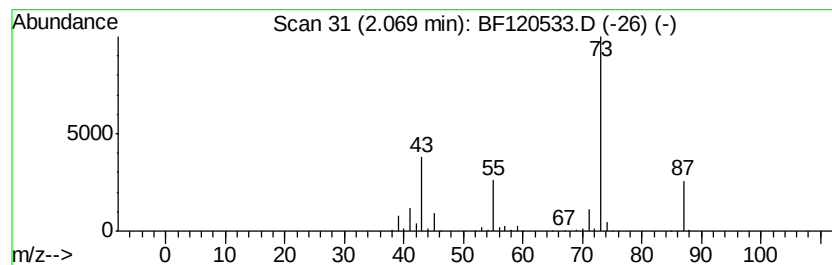
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.07	28.66 ng	1093670	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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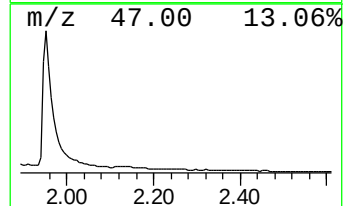
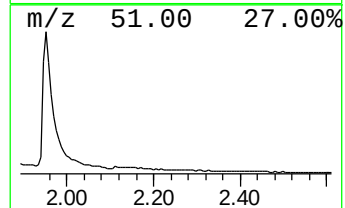
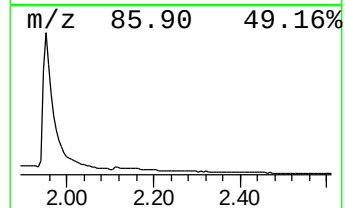
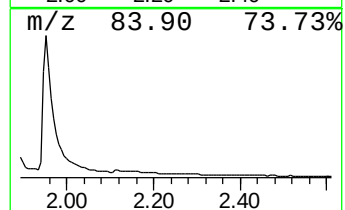
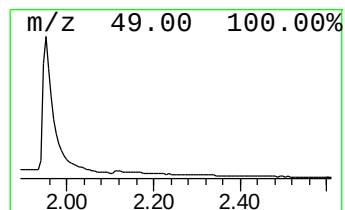
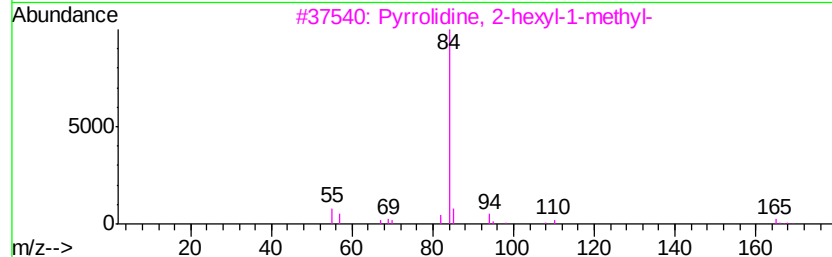
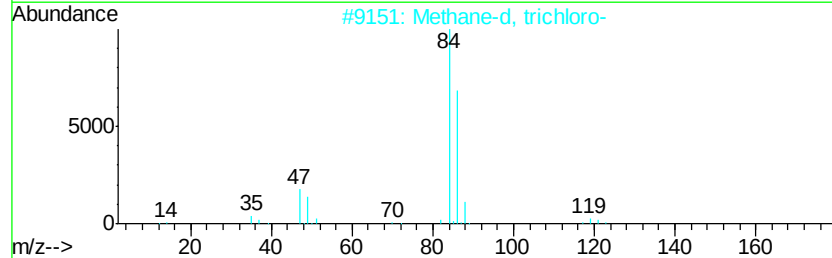
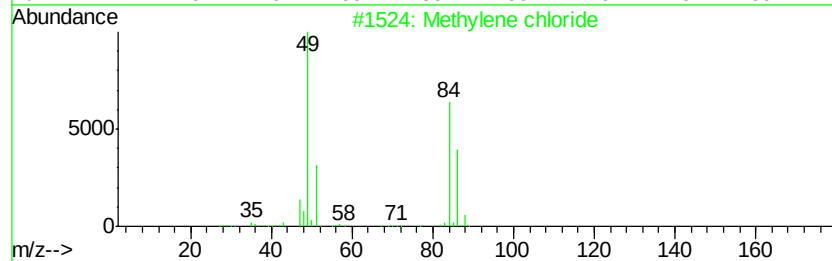
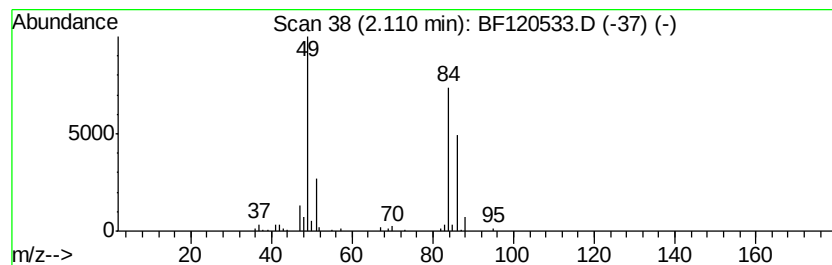
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown2.11 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.11	3.69 ng	140740	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methylene chloride	84	CH2Cl2	000075-09-2	95
2			Methane-d, trichloro-	119	CDCl3	000865-49-6	10
3			Pyrrolidine, 2-hexyl-1-methyl-	169	C11H23N	003447-05-0	4
4			Krypton	84	Kr	007439-90-9	3
5			Pyrrolidine, 2-butyl-1-methyl-	141	C9H19N	003447-03-8	2



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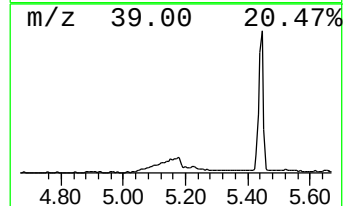
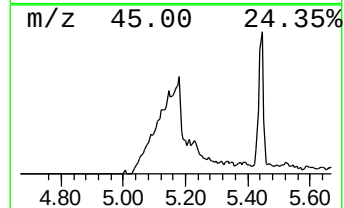
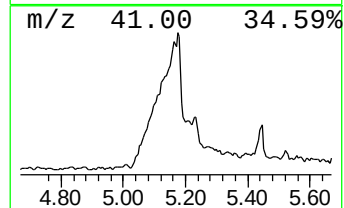
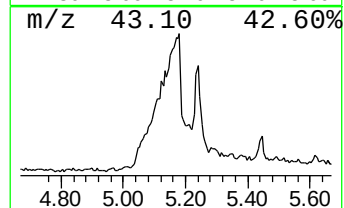
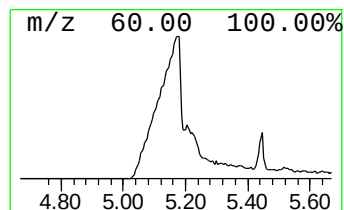
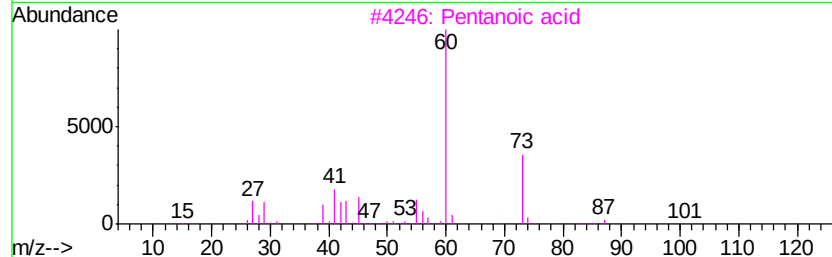
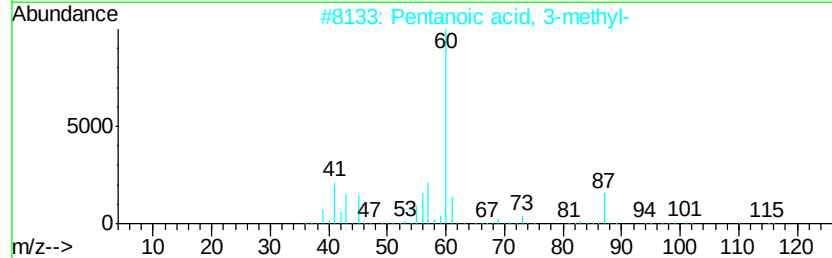
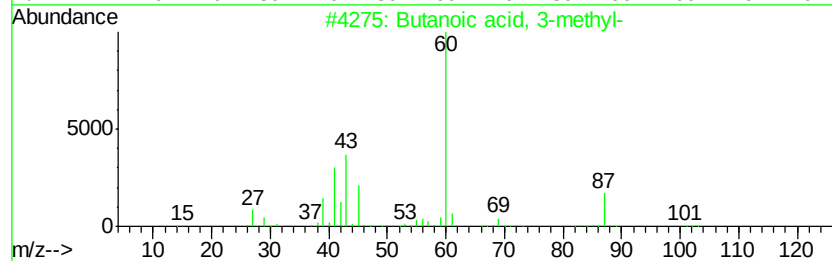
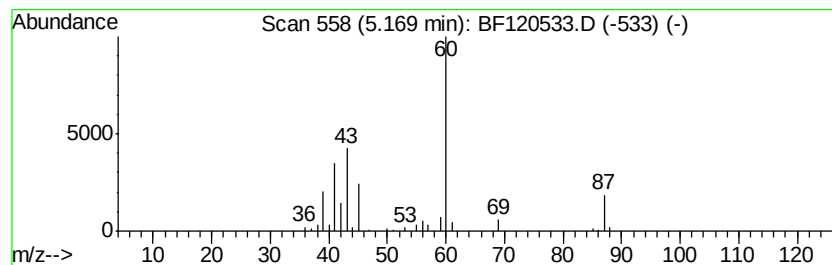
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Butanoic acid, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	10.41 ng	397474	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	90
2		Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	72
3		Pentanoic acid	102	C5H10O2	000109-52-4	42
4		1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	38
5		1-Pentanamine	87	C5H13N	000110-58-7	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
Data File : BF120533.D
Acq On : 4 Jun 2020 15:06
Operator : JU/CG
Sample : L2839-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

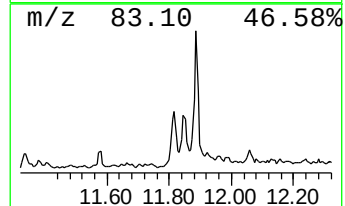
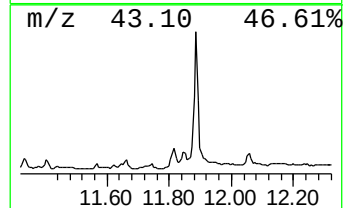
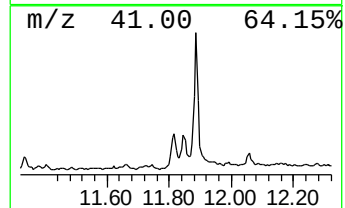
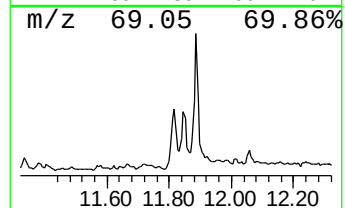
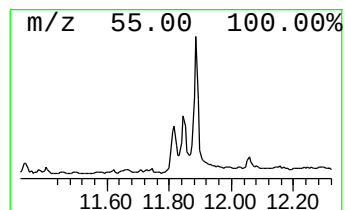
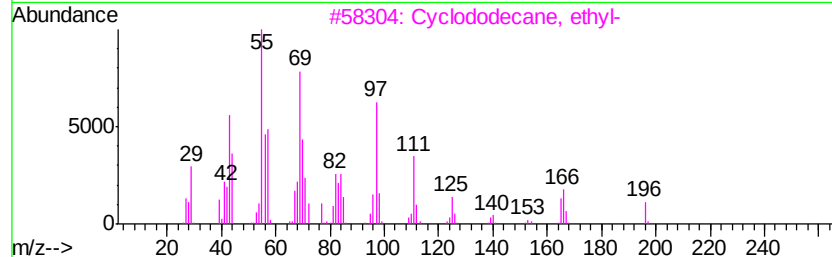
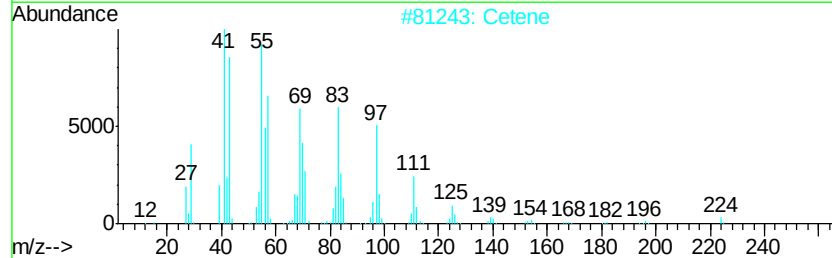
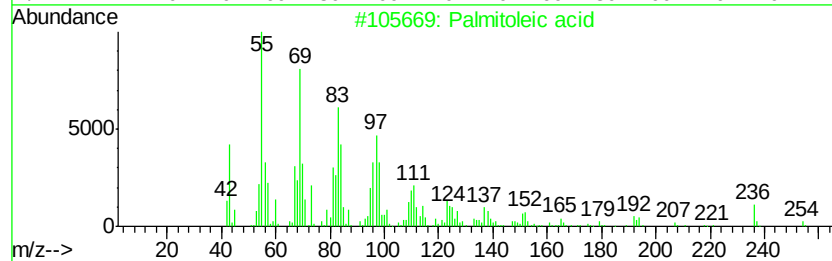
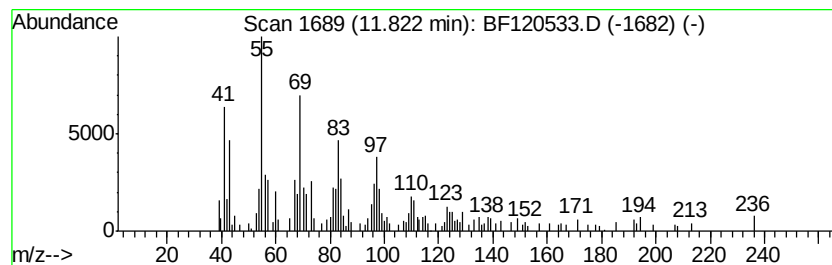
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Palmitoleic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.82	3.14 ng	231680	Phenanthrene-d10		11.35
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	90
2	Cetene	224	C16H32	000629-73-2	78
3	Cyclododecane, ethyl-	196	C14H28	028981-49-9	70
4	6-Tetradecene, (Z)-	196	C14H28	041446-61-1	62
5	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
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Sample : L2839-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

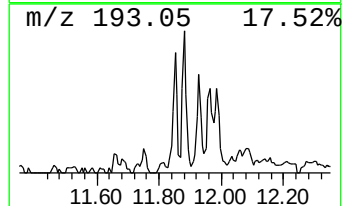
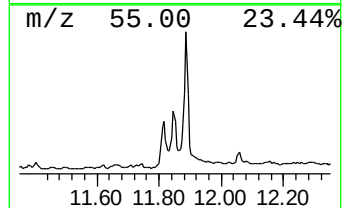
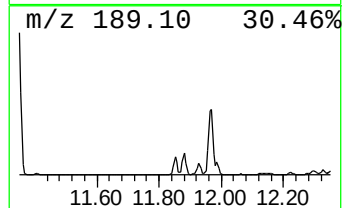
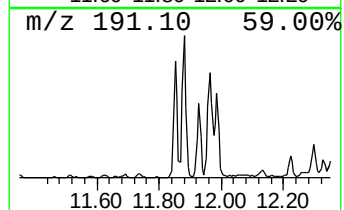
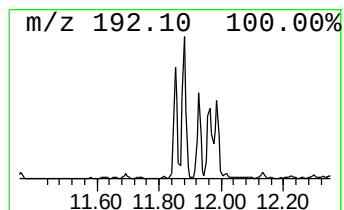
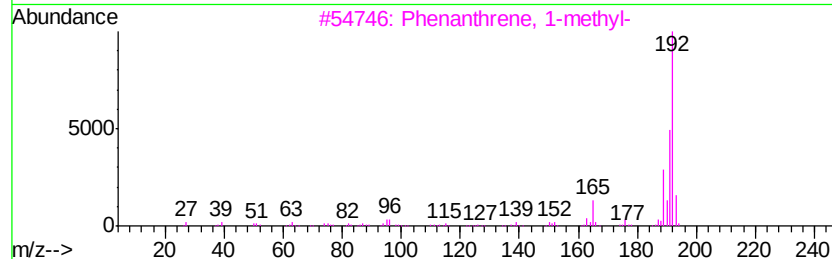
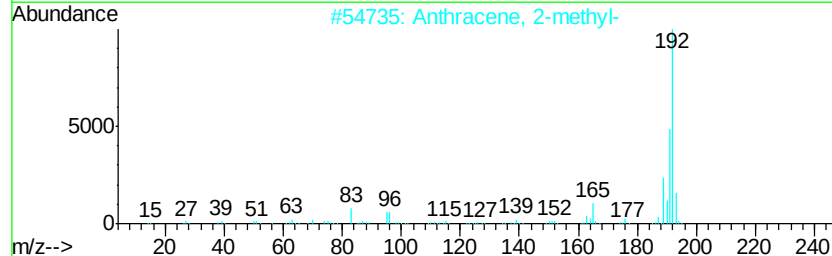
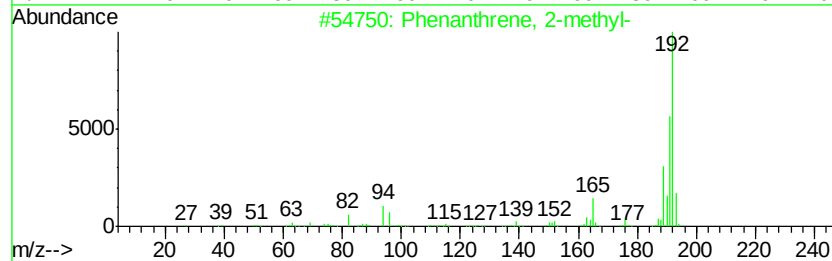
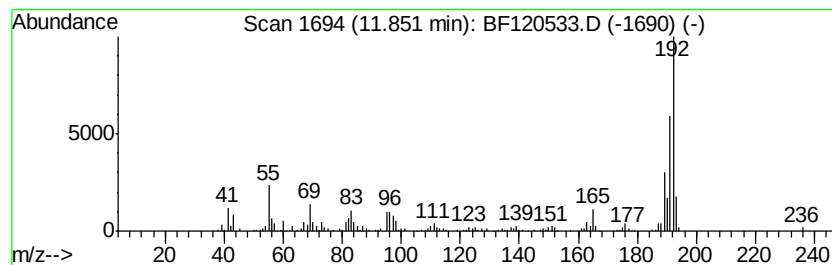
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	4.53 ng	333751	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
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 Sample : L2839-14
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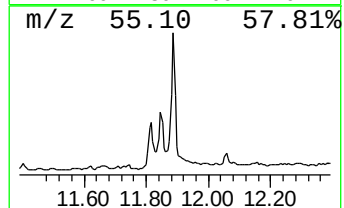
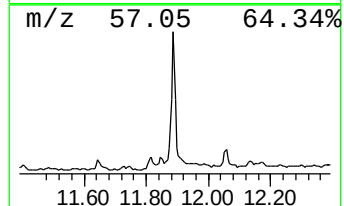
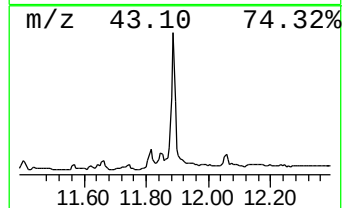
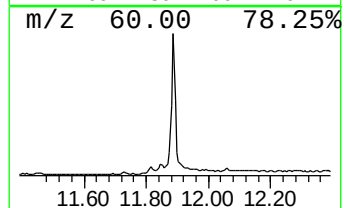
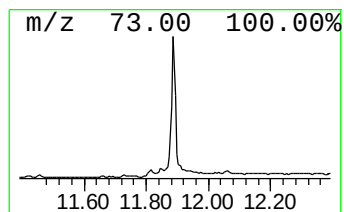
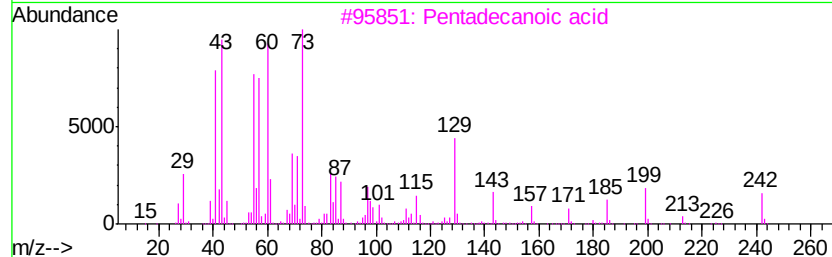
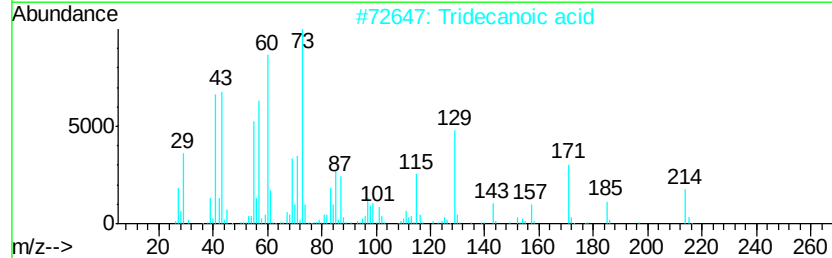
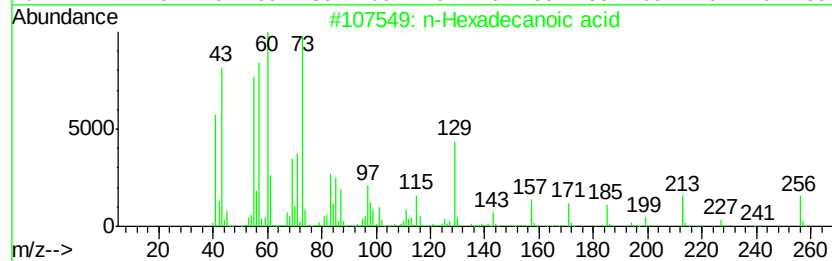
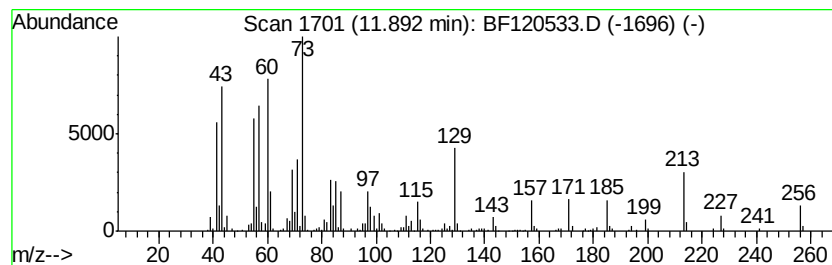
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.89	11.38 ng	839314	Phenanthrene-d10		11.35	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	Tridecanoic acid		214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	89
5	n-Decanoic acid		172	C10H20O2	000334-48-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
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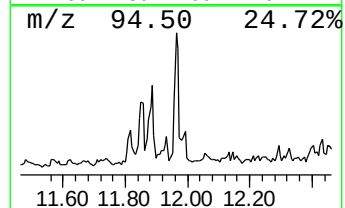
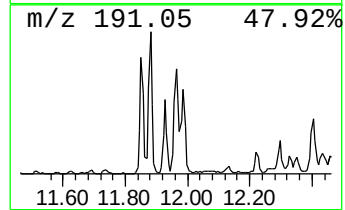
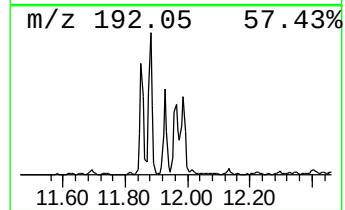
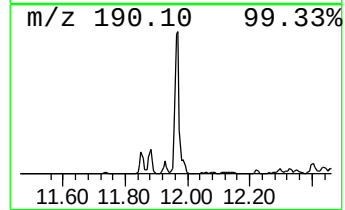
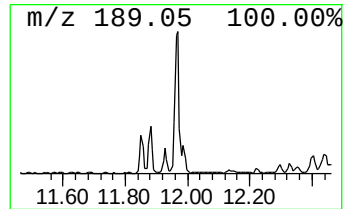
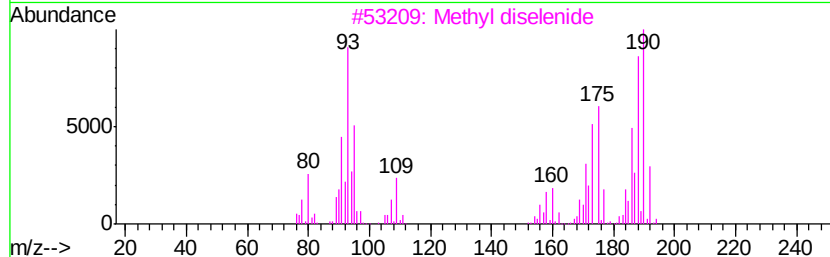
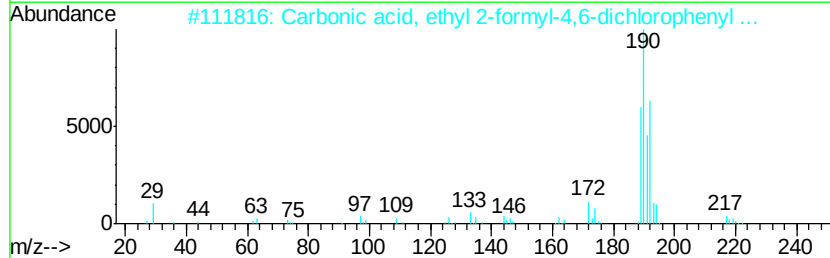
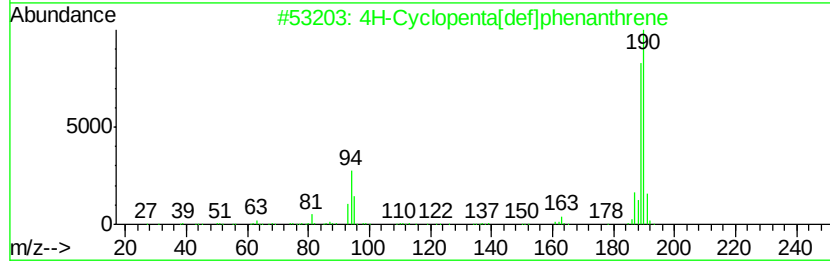
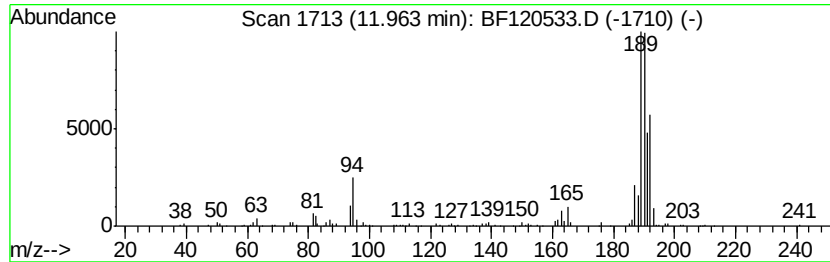
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.96	3.81 ng	281037	Phenanthrene-d10		11.35
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	41
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	25
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
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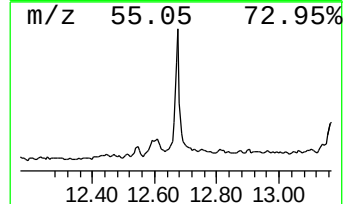
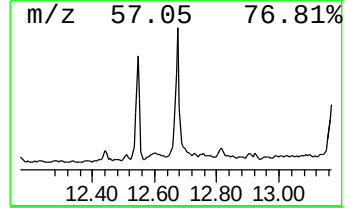
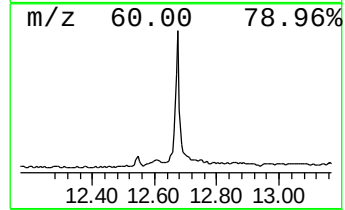
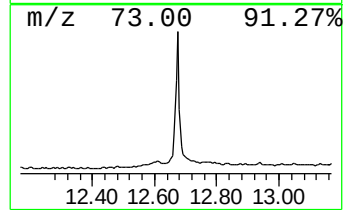
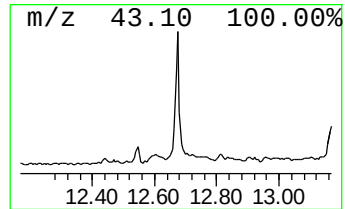
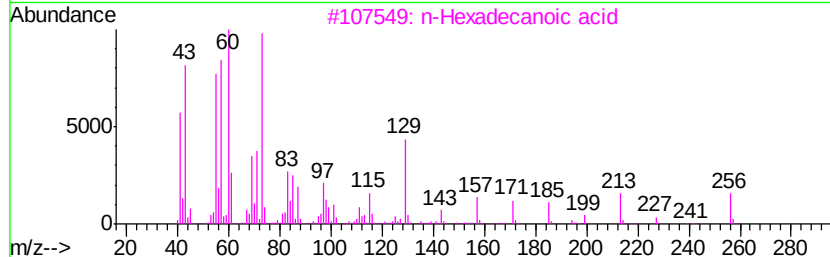
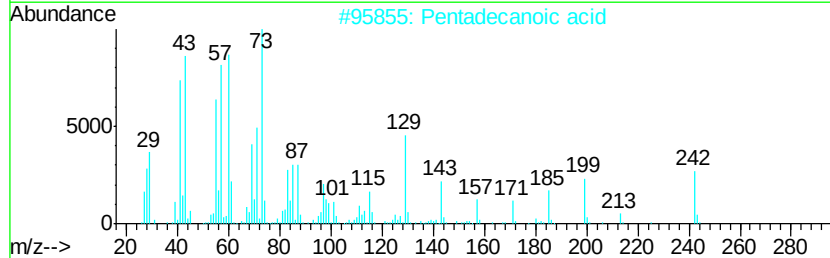
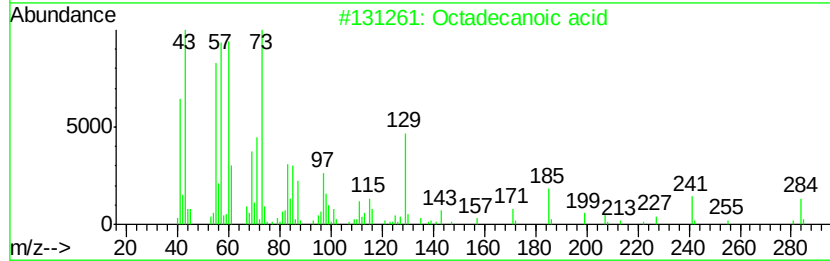
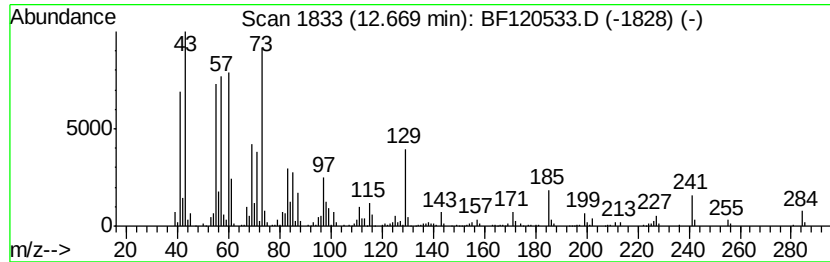
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.67	5.73 ng	634487	Chrysene-d12		13.99
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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
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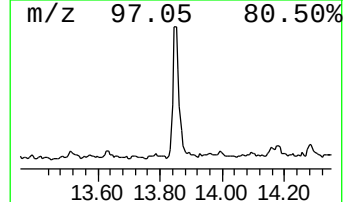
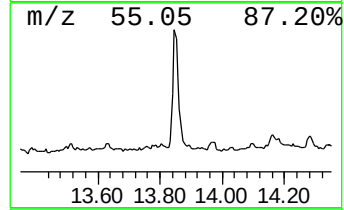
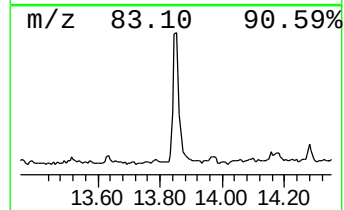
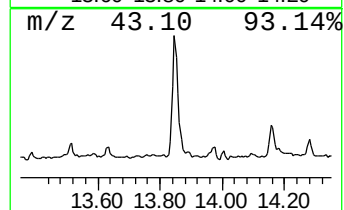
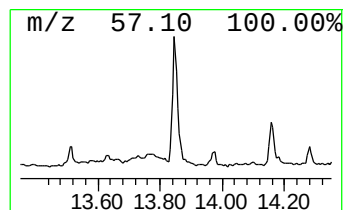
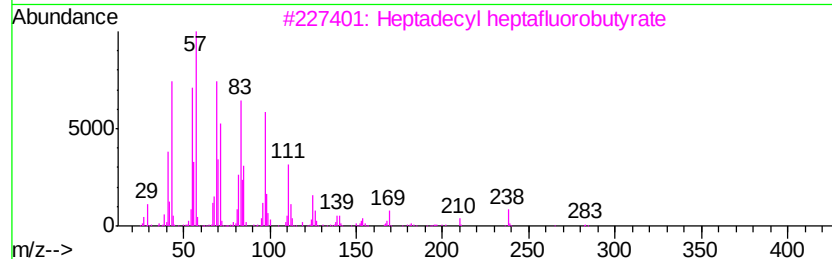
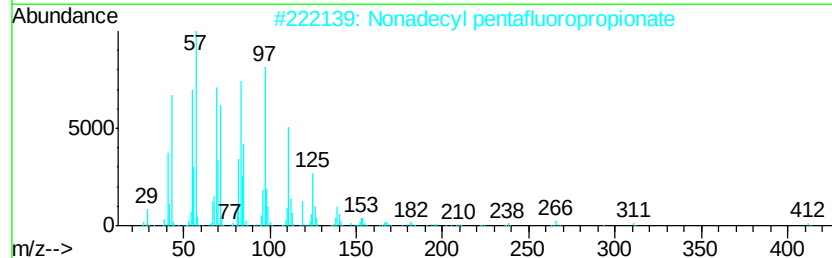
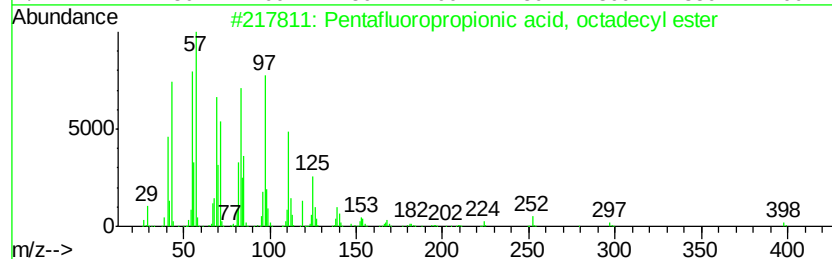
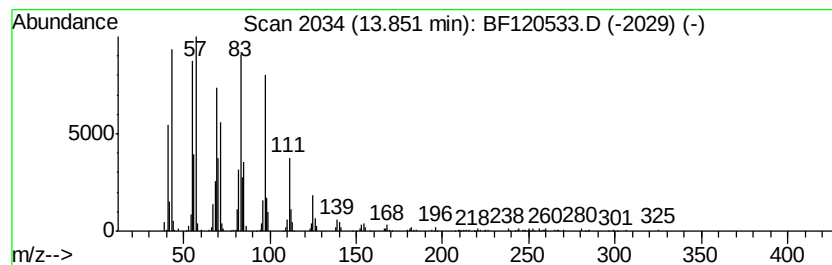
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 11 Pentafluoropropionic acid, ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	6.00 ng	664351	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
2		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

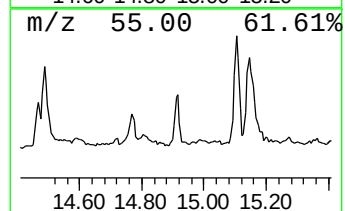
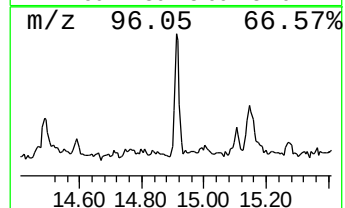
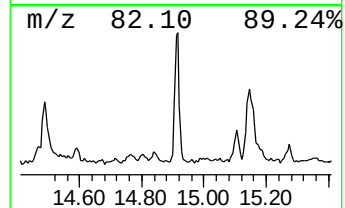
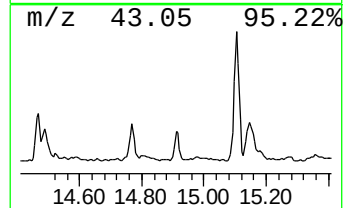
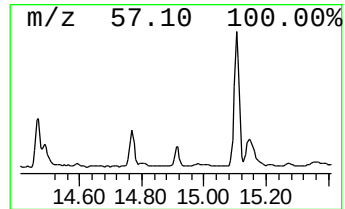
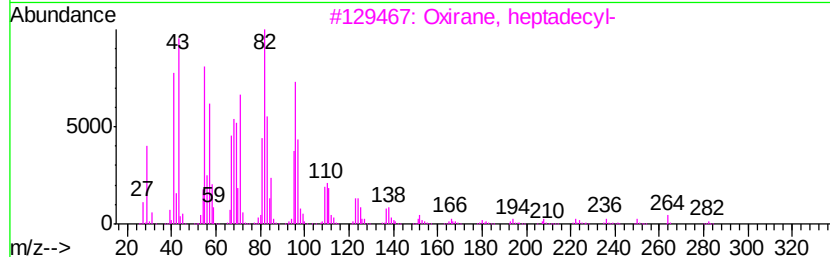
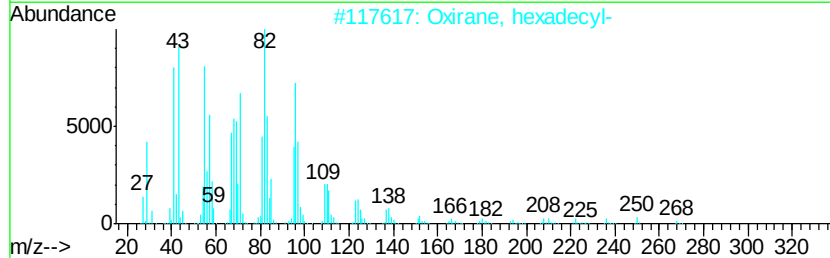
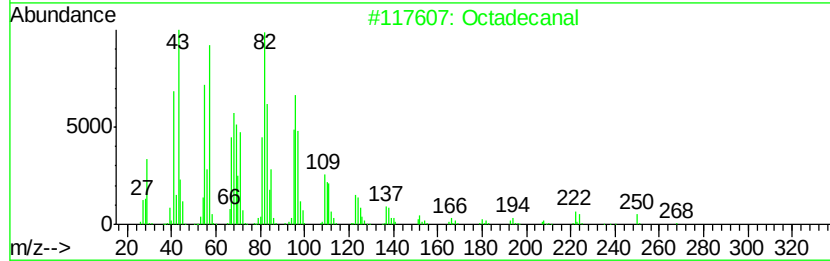
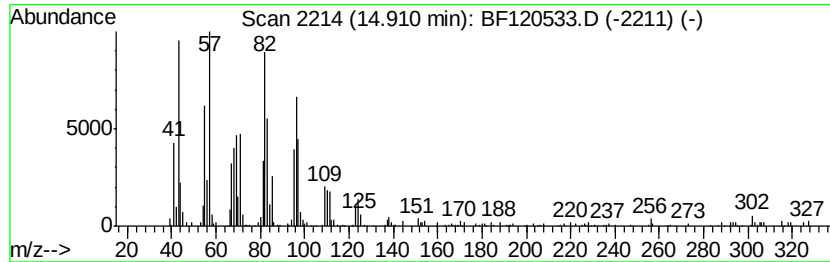
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ClientSampleId :
NM103-COMP-2020-0-6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Octadecanal Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.91	3.34 ng	186960	Perylene-d12	15.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
4	16-Octadecenal	266	C18H34O	056554-87-1	86
5	17-Octadecenal	266	C18H34O	056554-86-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
Data File : BF120533.D
Acq On : 4 Jun 2020 15:06
Operator : JU/CG
Sample : L2839-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

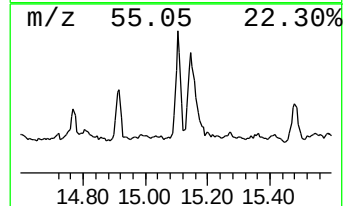
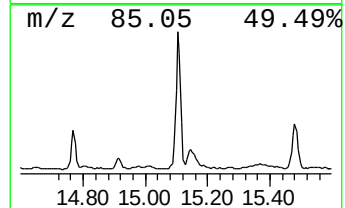
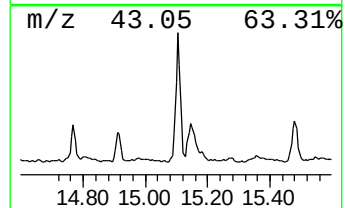
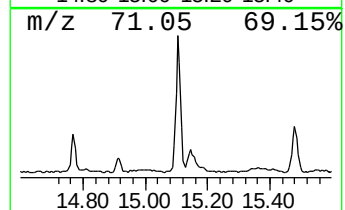
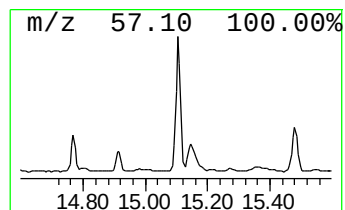
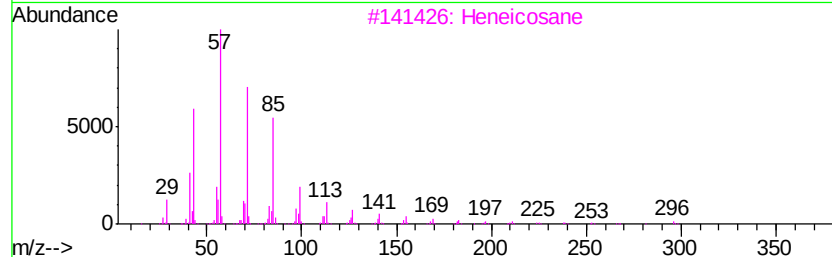
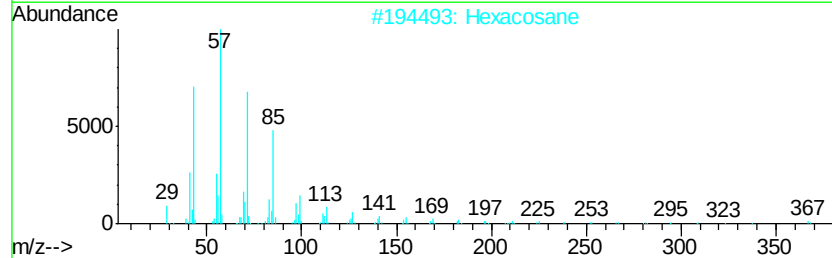
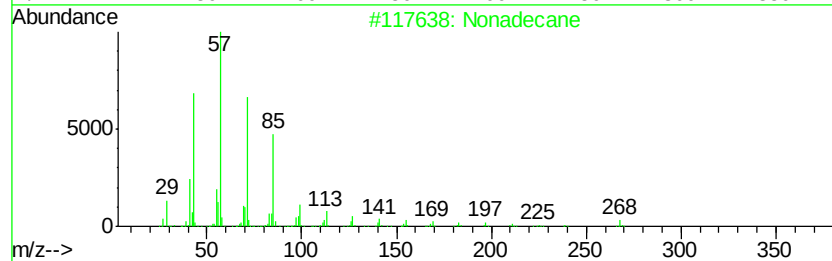
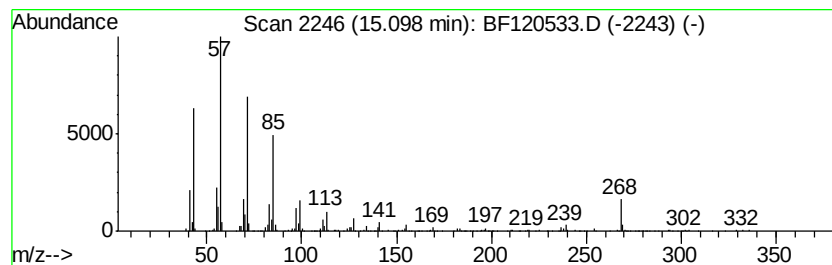
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.10	11.54 ng	646443	Perylene-d12		15.45	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	93
2		Hexacosane	366	C26H54	000630-01-3	93
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
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Sample : L2839-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

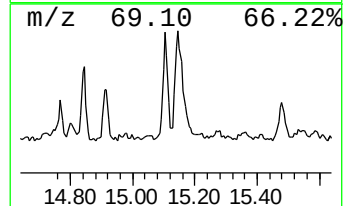
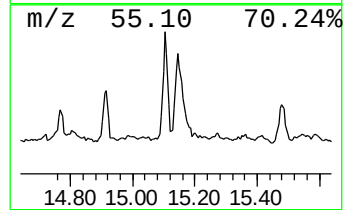
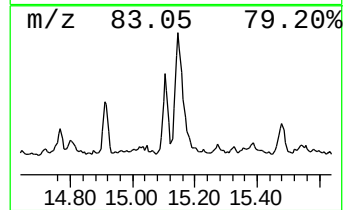
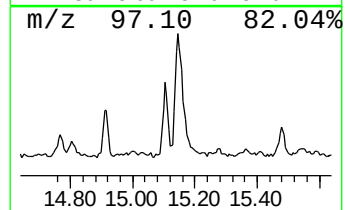
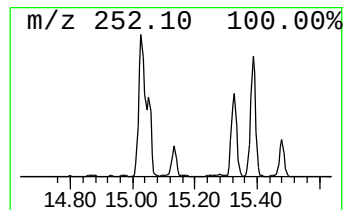
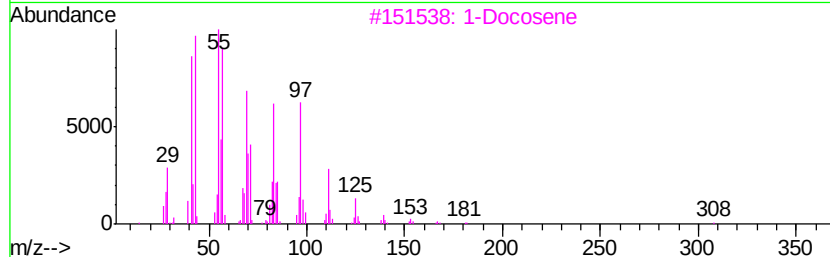
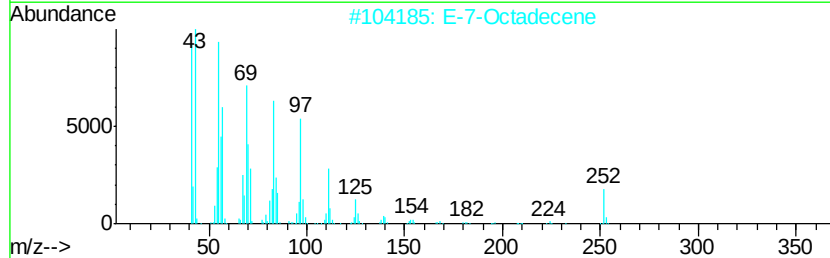
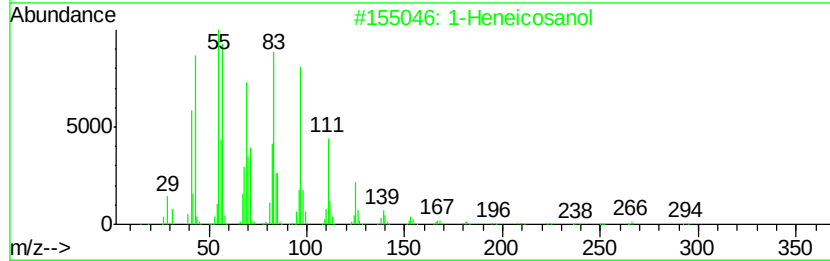
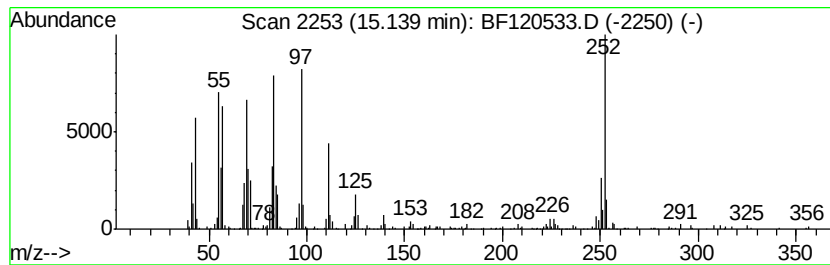
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 1-Heneicosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.14	10.73 ng	601390	Perylene-d12		15.45
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	84
2	E-7-Octadecene	252	C18H36	1000130-92-0	74
3	1-Docosene	308	C22H44	001599-67-3	55
4	Cetene	224	C16H32	000629-73-2	46
5	Behenic alcohol	326	C22H46O	000661-19-8	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
Data File : BF120533.D
Acq On : 4 Jun 2020 15:06
Operator : JU/CG
Sample : L2839-14
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Instrument :
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ClientSampleId :
NM103-COMP-2020-0-6

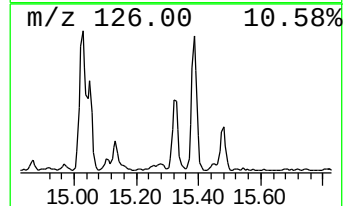
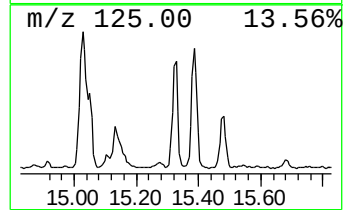
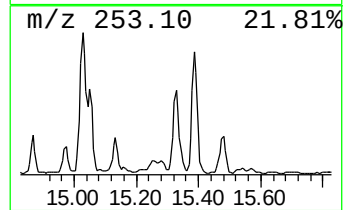
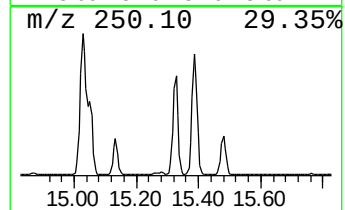
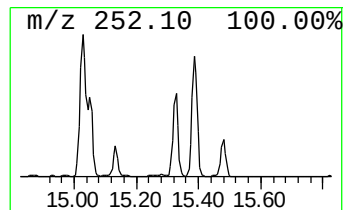
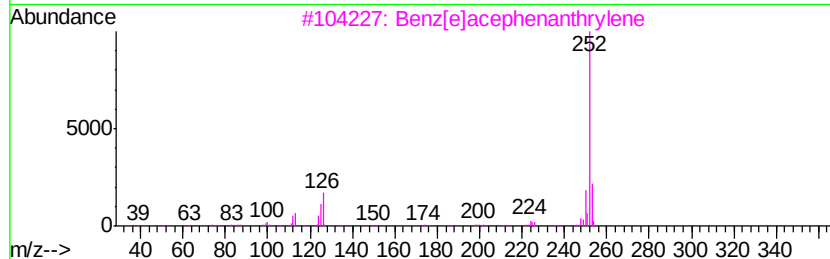
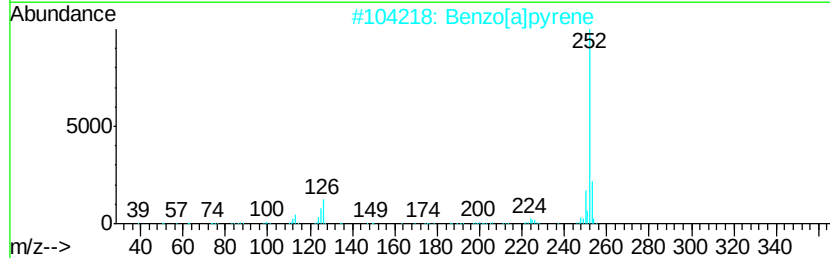
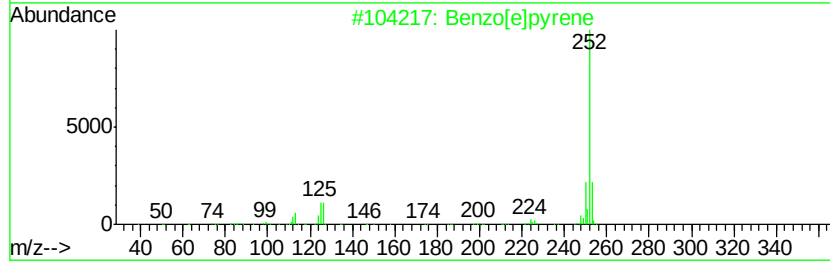
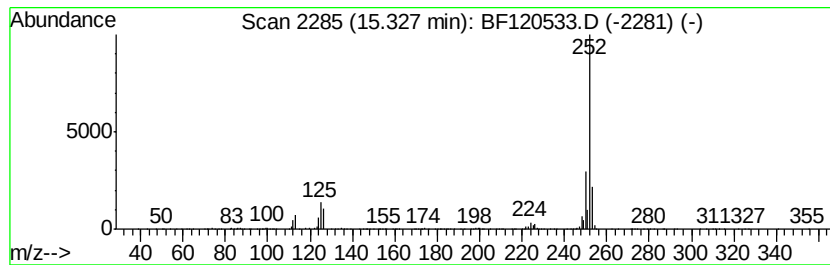
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	8.87 ng	496936	Perylene-d12	15.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	98
3			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
4			Perylene	252	C20H12	000198-55-0	90
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
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Misc :
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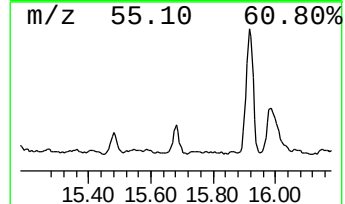
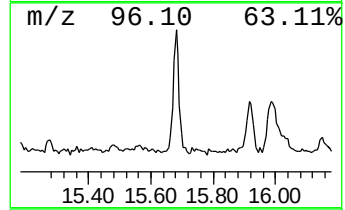
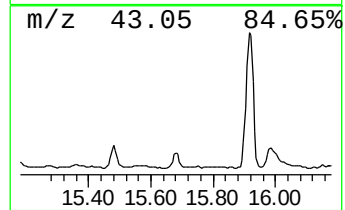
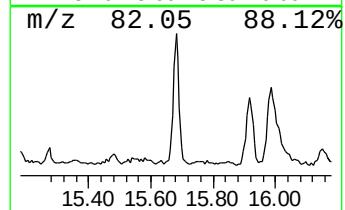
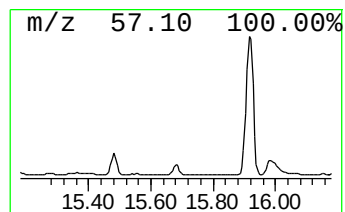
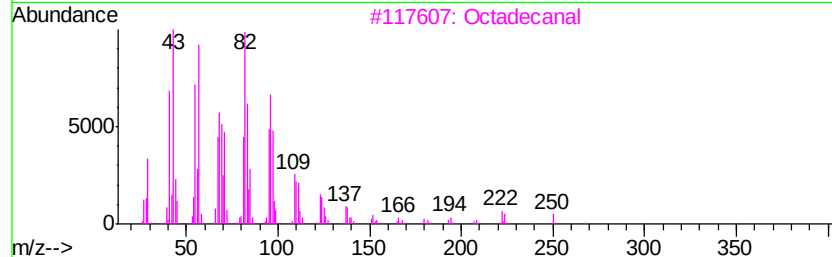
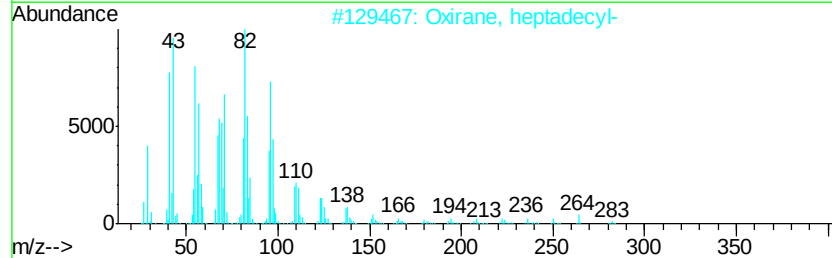
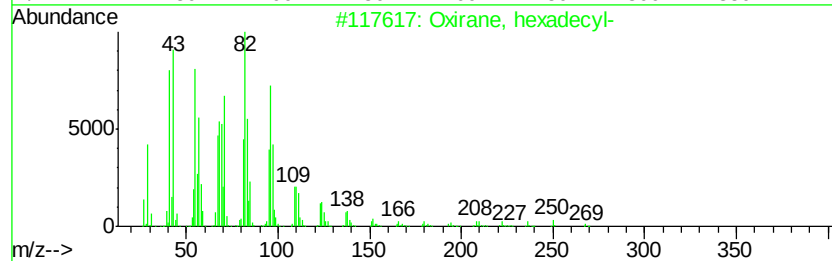
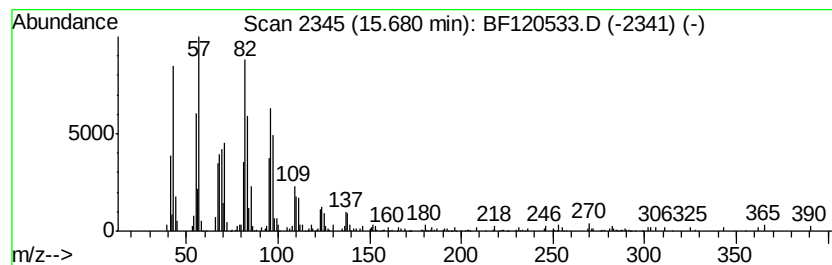
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Oxirane, hexadecyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	5.43 ng	304419	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3		Octadecanal	268	C18H36O	000638-66-4	91
4		1,19-Eicosadiene	278	C20H38	014811-95-1	81
5		Z-2-Dodecenol	184	C12H24O	069064-36-4	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
Data File : BF120533.D
Acq On : 4 Jun 2020 15:06
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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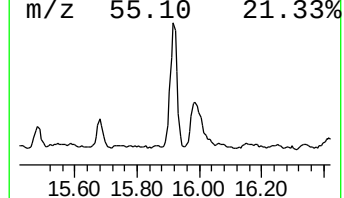
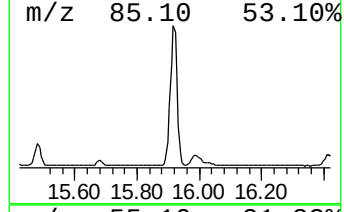
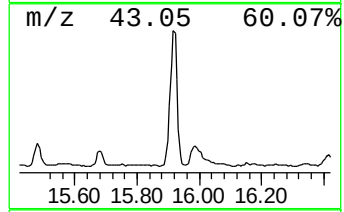
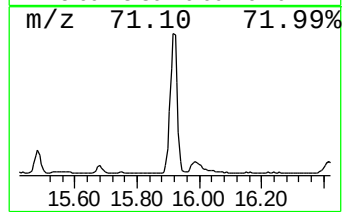
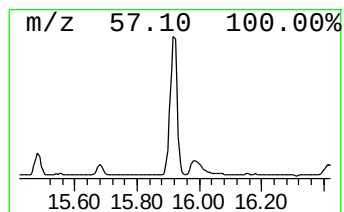
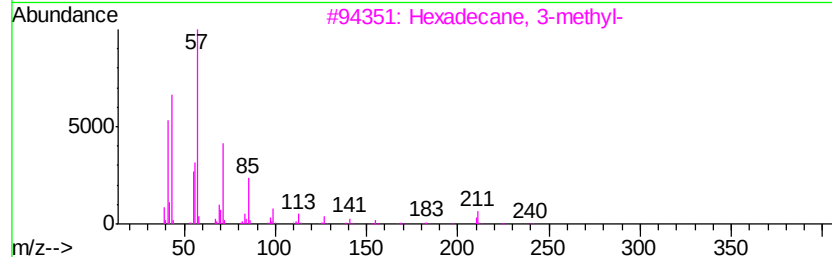
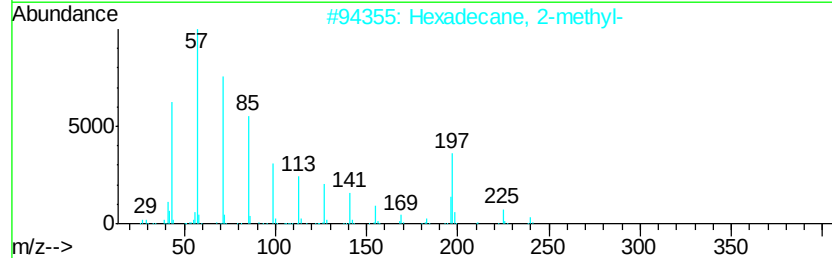
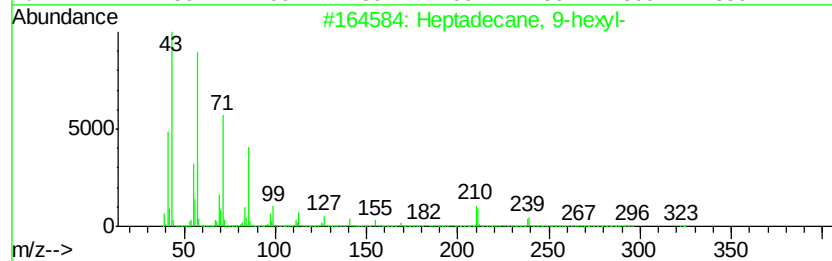
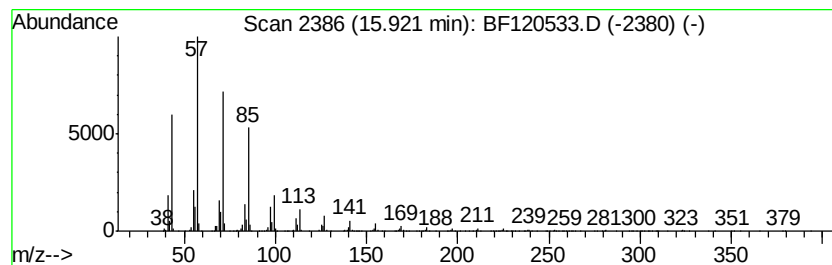
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Heptadecane, 9-hexyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	34.17 ng	1914620	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
2		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	93
3		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	93
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
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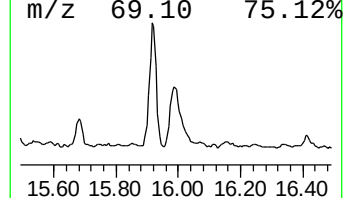
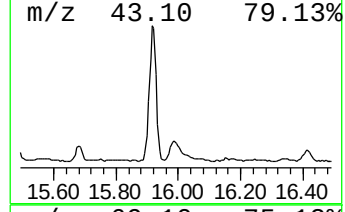
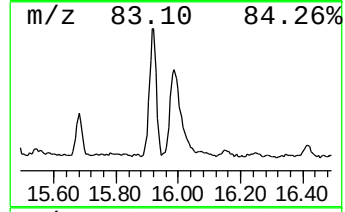
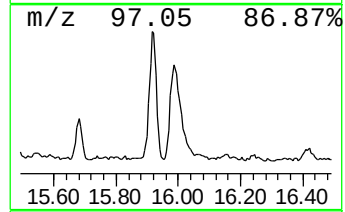
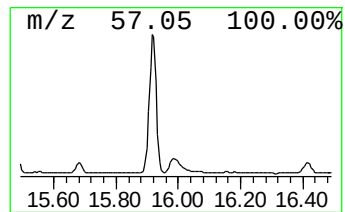
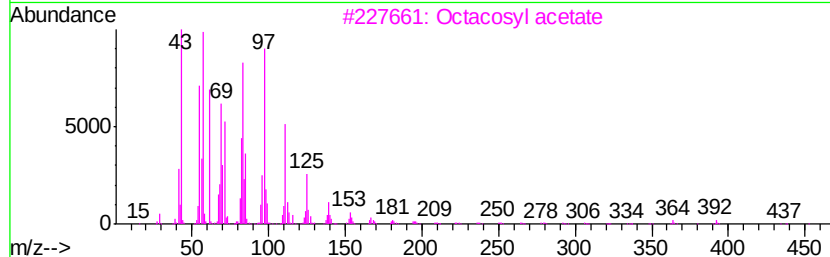
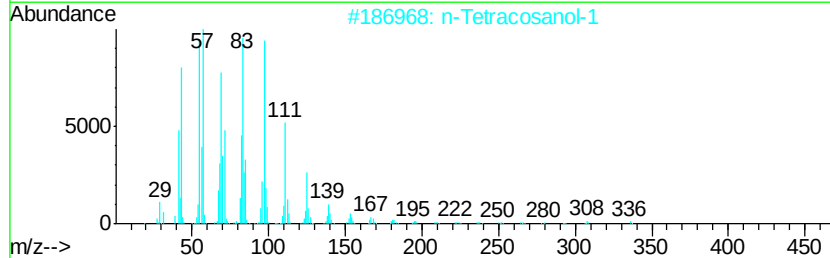
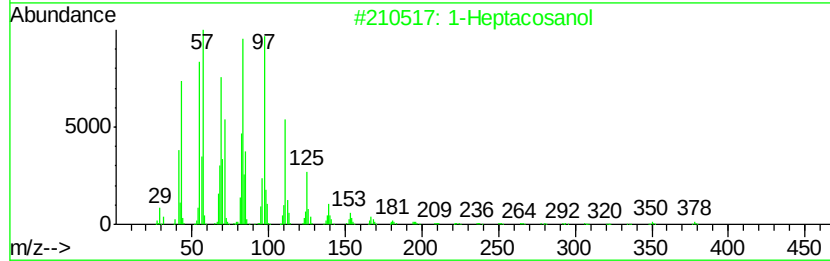
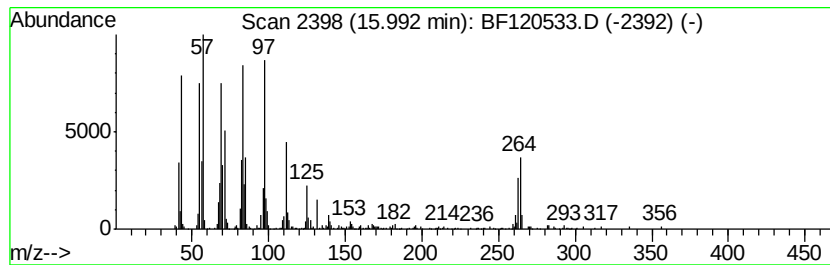
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.99	12.67 ng	710050	Perylene-d12	15.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	Octacosyl acetate	452	C30H60O2	018206-97-8	95
4	Octacosanol	410	C28H58O	000557-61-9	94
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM103-COMP-2020-0-6

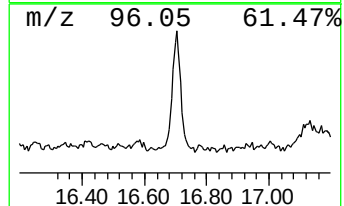
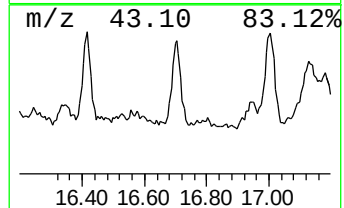
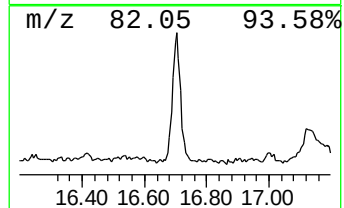
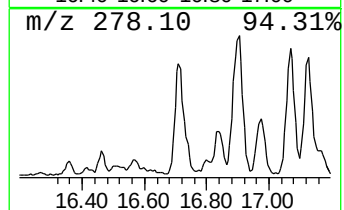
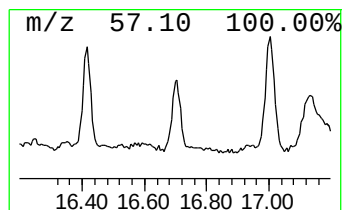
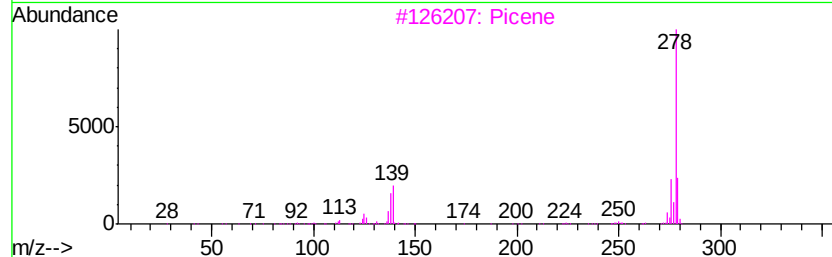
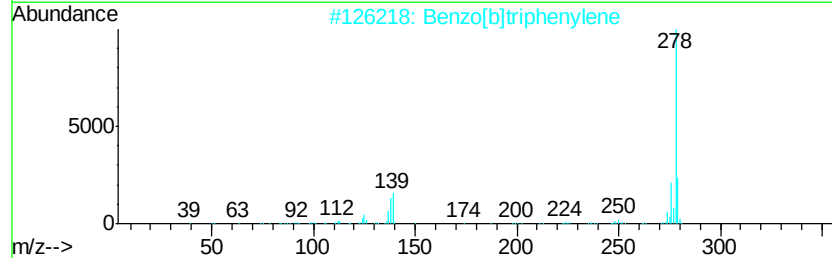
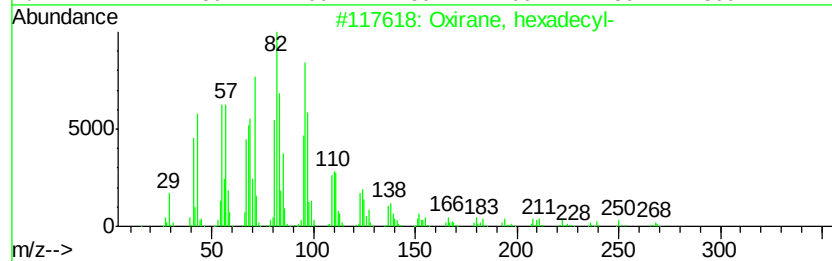
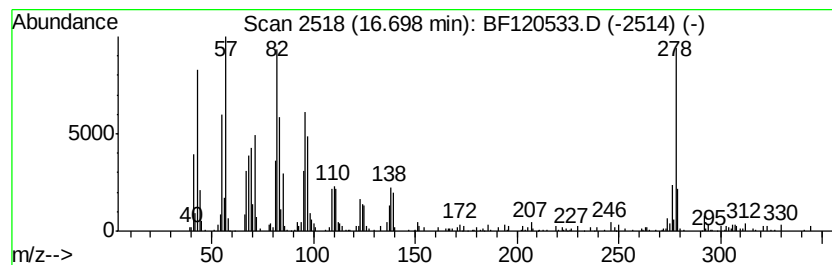
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzo[b]triphenylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	7.67 ng	429877	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
2		Benzo[b]triphenylene	278	C22H14	000215-58-7	50
3		Picene	278	C22H14	000213-46-7	45
4		Octadecanal	268	C18H36O	000638-66-4	45
5		Pentacene	278	C22H14	000135-48-8	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
Data File : BF120533.D
Acq On : 4 Jun 2020 15:06
Operator : JU/CG
Sample : L2839-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM103-COMP-2020-0-6

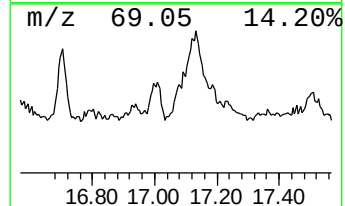
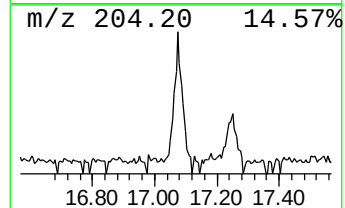
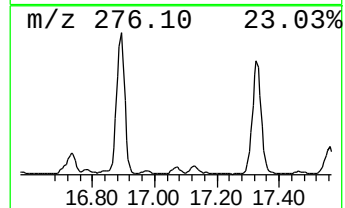
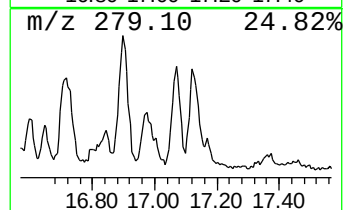
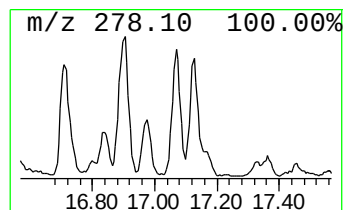
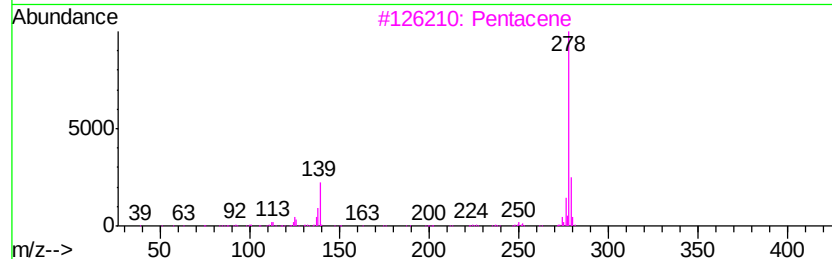
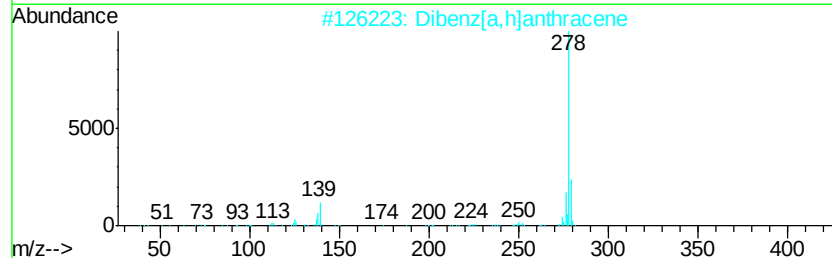
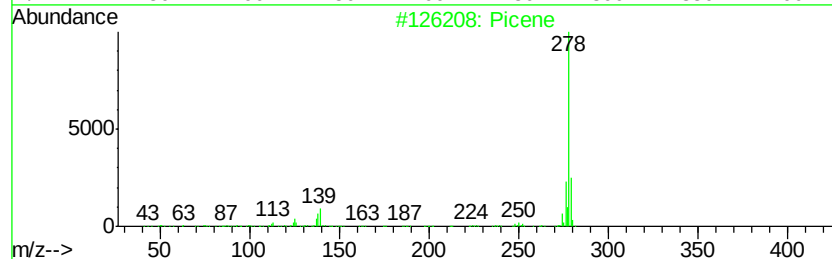
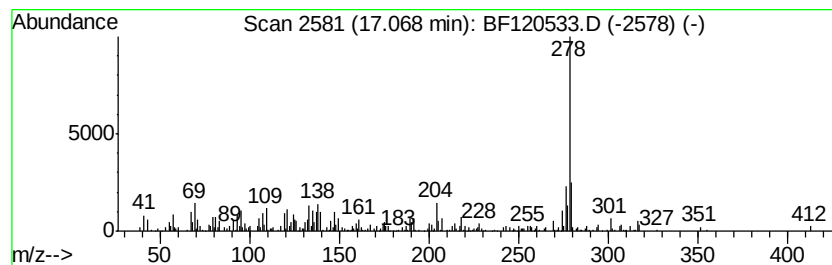
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Picene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	3.49 ng	195787	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Picene	278	C22H14	000213-46-7	90
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	83
3		Pentacene	278	C22H14	000135-48-8	83
4		Dibenz[a,i]anthracene	278	C22H14	000224-41-9	64
5		Benzo[a]naphthacene	278	C22H14	000226-88-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060420\
 Data File : BF120533.D
 Acq On : 4 Jun 2020 15:06
 Operator : JU/CG
 Sample : L2839-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM103-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Methylene chloride	1.95	157.3	ng	6001780	1	6.83	763277	20.0
Butane, 2-methoxy...	2.07	28.7	ng	1093670	1	6.83	763277	20.0
unknown2.11	2.11	3.7	ng	140740	1	6.83	763277	20.0
Butanoic acid, 3-...	5.17	10.4	ng	397474	1	6.83	763277	20.0
Palmitoleic acid	11.82	3.1	ng	231680	4	11.35	1474580	20.0
Phenanthrene, 2-m...	11.85	4.5	ng	333751	4	11.35	1474580	20.0
n-Hexadecanoic acid	11.89	11.4	ng	839314	4	11.35	1474580	20.0
4H-Cyclopenta[def...	11.96	3.8	ng	281037	4	11.35	1474580	20.0
Octadecanoic acid	12.67	5.7	ng	634487	5	13.99	2215910	20.0
Pentafluoropropio...	13.85	6.0	ng	664351	5	13.99	2215910	20.0
Octadecanal	14.91	3.3	ng	186960	6	15.45	1120780	20.0
Nonadecane	15.10	11.5	ng	646443	6	15.45	1120780	20.0
1-Heneicosanol	15.14	10.7	ng	601390	6	15.45	1120780	20.0
Benzo[e]pyrene	15.33	8.9	ng	496936	6	15.45	1120780	20.0
Oxirane, hexadecyl-	15.68	5.4	ng	304419	6	15.45	1120780	20.0
Heptadecane, 9-he...	15.92	34.2	ng	1914620	6	15.45	1120780	20.0
1-Heptacosanol	15.99	12.7	ng	710050	6	15.45	1120780	20.0
Benzo[b]triphenylene	16.70	7.7	ng	429877	6	15.45	1120780	20.0
Picene	17.07	3.5	ng	195787	6	15.45	1120780	20.0