

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
 Data File : BF112818.D
 Acq On : 4 Mar 2019 12:29
 Operator : JU/SJ
 Sample : K1670-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-032-A

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-BF022719.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	5.357	550	556	559	rBV	3269245	3500060	84.15%	7.344%
2	6.381	724	730	733	rBV	3723672	3738255	89.87%	7.844%
3	6.516	748	753	756	rBV	3829288	3788396	91.08%	7.949%
4	6.745	788	792	795	rBV	1324169	1082306	26.02%	2.271%
5	6.904	814	819	822	rBV	3026579	2860570	68.77%	6.002%
6	7.304	882	887	890	rBV	2431890	2365842	56.88%	4.964%
7	8.022	1006	1009	1021	rBV	1402865	1452548	34.92%	3.048%
8	8.628	1108	1112	1115	rBV2	50451	48964	1.18%	0.103%
9	9.098	1188	1192	1203	rBV	4248698	4159532	100.00%	8.728%
10	9.192	1205	1208	1212	rVB2	74151	72530	1.74%	0.152%
11	9.433	1243	1249	1251	rBV3	27395	42321	1.02%	0.089%
12	9.492	1256	1259	1262	rBV	316283	296979	7.14%	0.623%
13	9.633	1280	1283	1286	rBV	68130	56116	1.35%	0.118%
14	9.722	1295	1298	1302	rVB	71033	57641	1.39%	0.121%
15	9.775	1302	1307	1311	rBV	1710076	1541965	37.07%	3.235%
16	9.981	1339	1342	1345	rVB	57608	51525	1.24%	0.108%
17	10.222	1380	1383	1386	rVB2	71016	63025	1.52%	0.132%
18	10.557	1436	1440	1455	rBV	2786150	2715107	65.27%	5.697%
19	10.686	1459	1462	1470	rVB2	88556	137929	3.32%	0.289%
20	11.133	1536	1538	1542	rBV3	59215	63032	1.52%	0.132%
21	11.251	1554	1558	1560	rBV	1684115	1444329	34.72%	3.031%
22	11.275	1560	1562	1565	rVV	370705	303251	7.29%	0.636%
23	11.322	1565	1570	1574	rVB2	122464	140299	3.37%	0.294%
24	11.657	1624	1627	1631	rVB2	65292	60507	1.45%	0.127%
25	11.751	1640	1643	1645	rBV	72597	60543	1.46%	0.127%
26	11.786	1645	1649	1653	rVV2	628600	699253	16.81%	1.467%
27	11.822	1653	1655	1659	rVV2	89418	111169	2.67%	0.233%
28	11.863	1659	1662	1664	rVV	176515	191781	4.61%	0.402%
29	11.886	1664	1666	1672	rVB	73193	70019	1.68%	0.147%
30	12.045	1690	1693	1695	rBV	78421	64102	1.54%	0.135%
31	12.298	1733	1736	1739	rBV	104194	107508	2.58%	0.226%
32	12.339	1739	1743	1744	rBV2	185964	163311	3.93%	0.343%
33	12.357	1744	1746	1749	rVB2	225135	197905	4.76%	0.415%
34	12.457	1759	1763	1767	rBV	975461	893532	21.48%	1.875%

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Misc :
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ClientSampleId :
FK-GF-02-032-A

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

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35	12.569	1776	1782	1787	rBV2	468138	541843	13.03%	1.137%
36	12.686	1796	1802	1805	rBV2	707153	820948	19.74%	1.723%
37	12.804	1819	1822	1823	rBV	63299	45500	1.09%	0.095%
38	12.833	1823	1827	1830	rVV	3745819	3277972	78.81%	6.878%
39	12.904	1836	1839	1842	rVB3	69796	73611	1.77%	0.154%
40	13.016	1855	1858	1861	rVB	249167	238655	5.74%	0.501%
41	13.080	1866	1869	1871	rVV	272130	226827	5.45%	0.476%
42	13.116	1871	1875	1879	rVV	127782	127638	3.07%	0.268%
43	13.204	1888	1890	1893	rBV	61787	60696	1.46%	0.127%
44	13.239	1893	1896	1900	rVV3	68514	68427	1.65%	0.144%
45	13.421	1924	1927	1932	rVB2	114879	148664	3.57%	0.312%
46	13.627	1959	1962	1964	rBV	99358	94829	2.28%	0.199%
47	13.657	1965	1967	1969	rVV	62142	49123	1.18%	0.103%
48	13.739	1977	1981	1987	rVB3	359391	465517	11.19%	0.977%
49	13.874	1999	2004	2007	rBV2	1424635	1811357	43.55%	3.801%
50	13.904	2007	2009	2011	rVB	477965	360356	8.66%	0.756%
51	14.063	2033	2036	2039	rBV	261401	215947	5.19%	0.453%
52	14.263	2068	2070	2073	rVB	132032	113131	2.72%	0.237%
53	14.368	2084	2088	2093	rBV2	386212	468050	11.25%	0.982%
54	14.663	2135	2138	2144	rVB	570681	584173	14.04%	1.226%
55	14.886	2173	2176	2179	rBV	408998	586576	14.10%	1.231%
56	14.986	2189	2193	2200	rVB2	685408	857307	20.61%	1.799%
57	15.174	2221	2225	2230	rBV	246951	312826	7.52%	0.656%
58	15.227	2231	2234	2239	rVV	362364	405170	9.74%	0.850%
59	15.292	2241	2245	2248	rVV	976379	1196028	28.75%	2.510%
60	15.345	2250	2254	2258	rVB	608786	796578	19.15%	1.671%
61	15.751	2319	2323	2327	rBV	427886	602965	14.50%	1.265%
62	16.221	2400	2403	2413	rVB	263373	505733	12.16%	1.061%

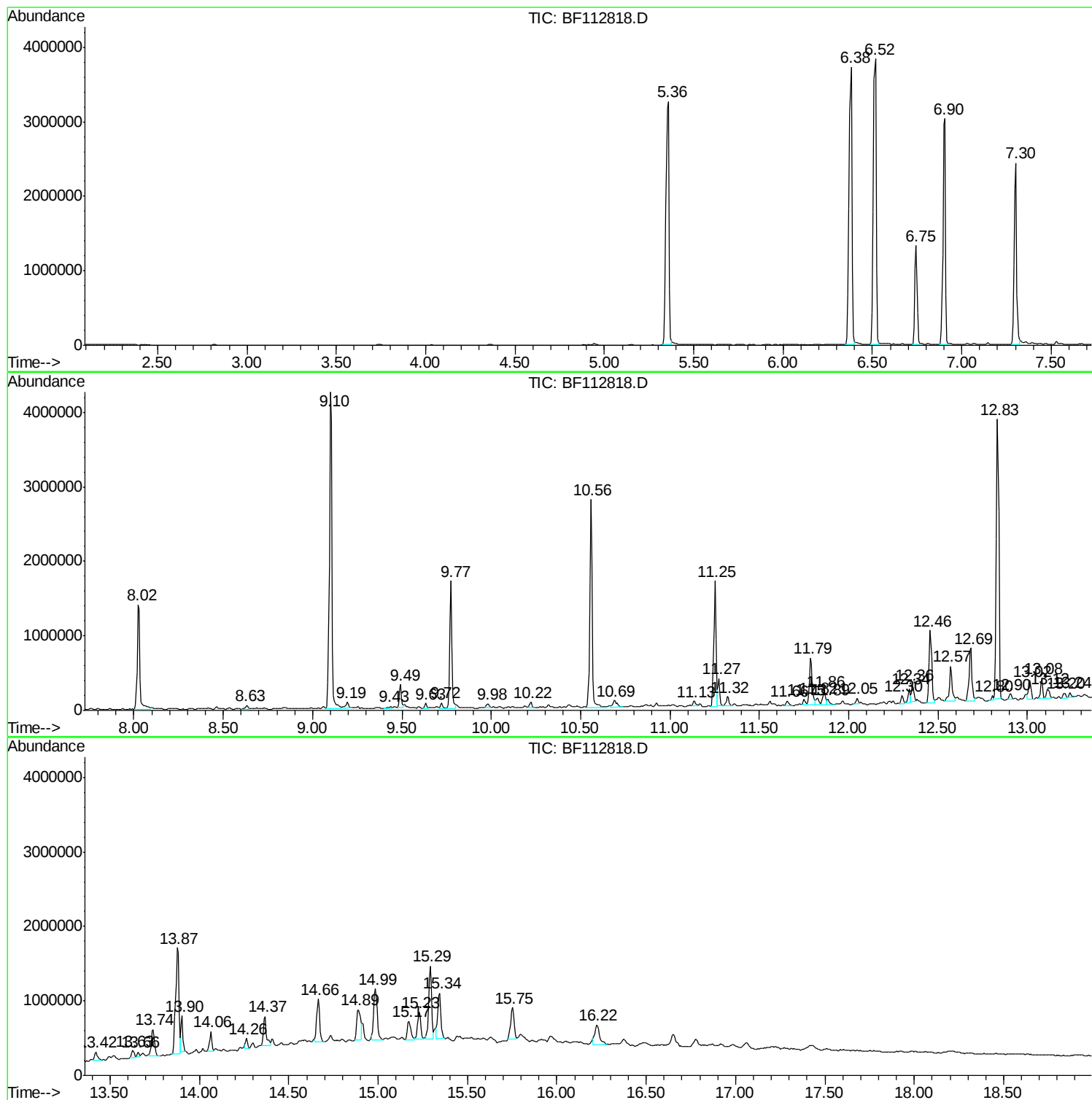
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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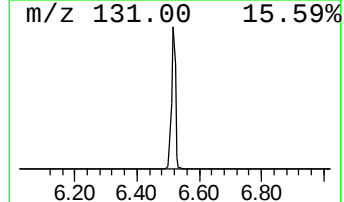
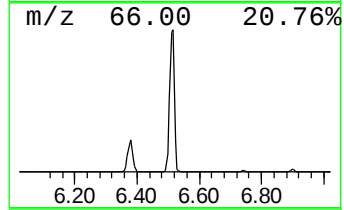
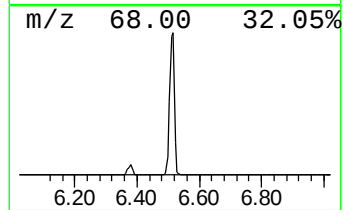
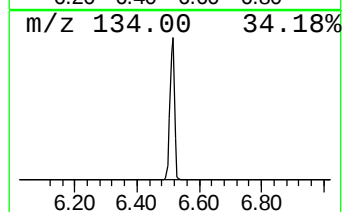
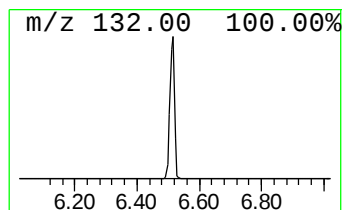
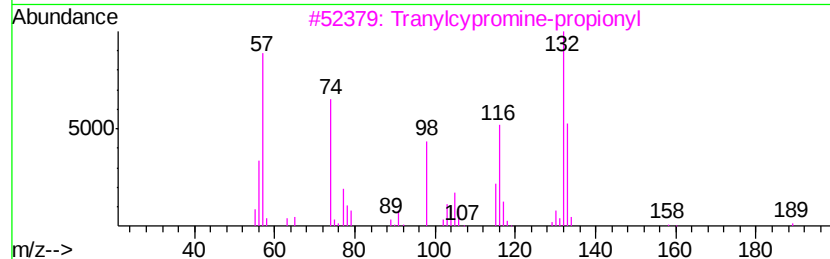
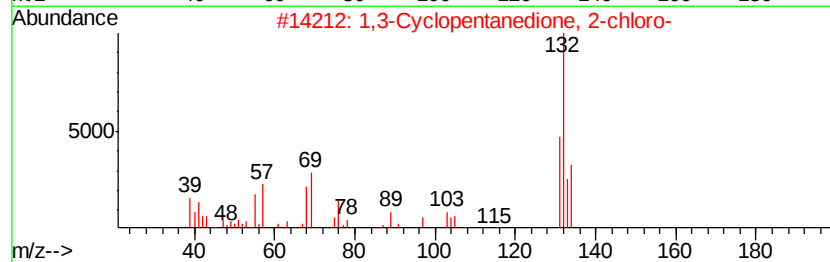
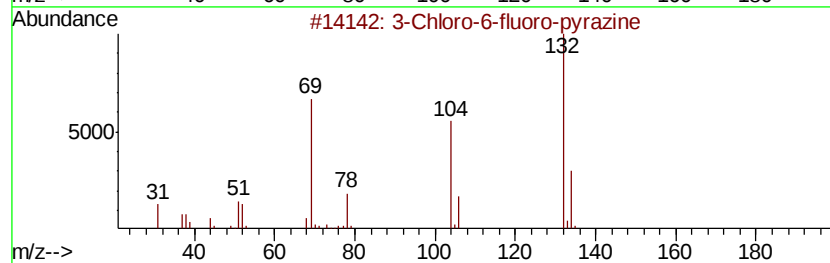
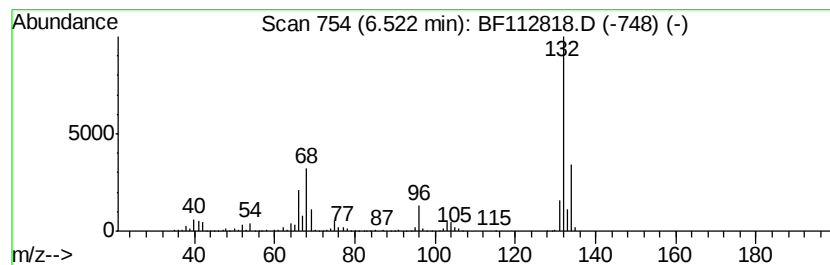
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	70.01 ng	3788400	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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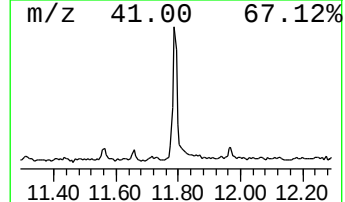
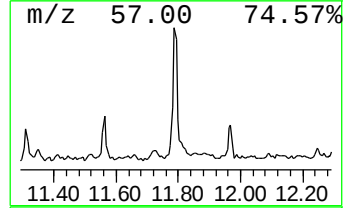
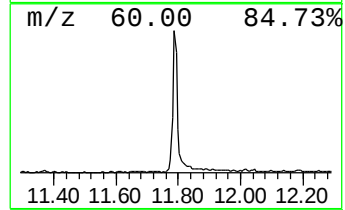
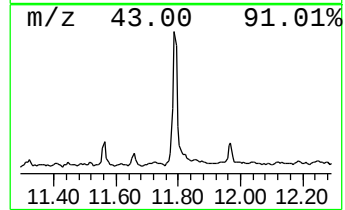
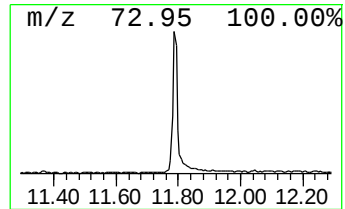
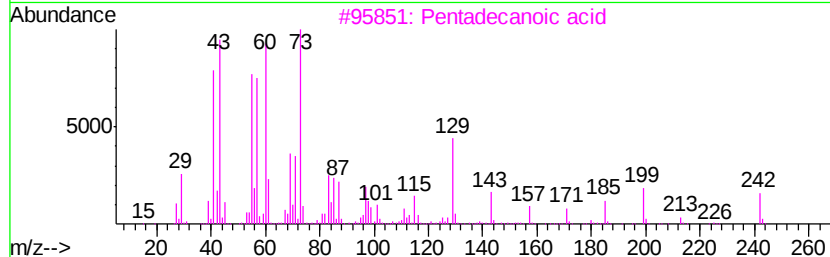
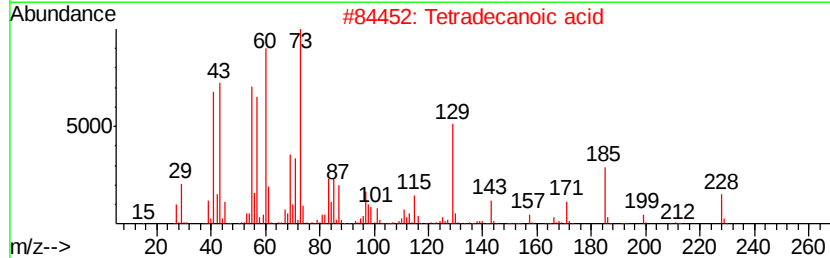
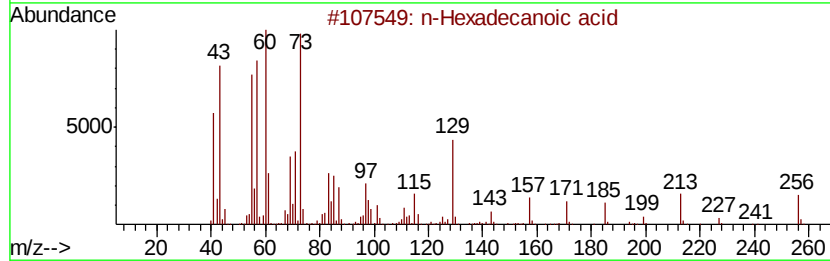
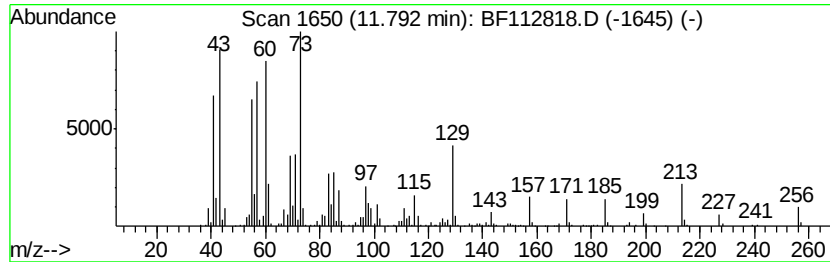
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.79	9.68 ng	699253	Phenanthrene-d10	11.25	
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	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70



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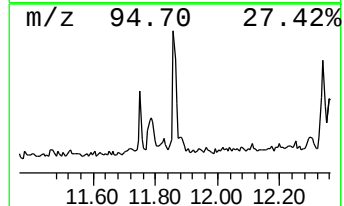
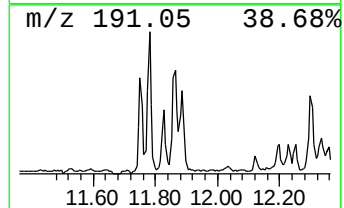
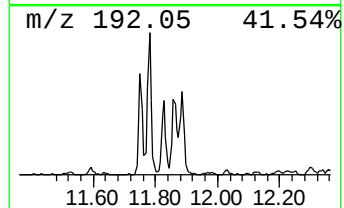
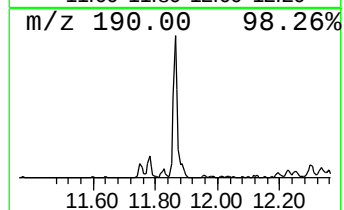
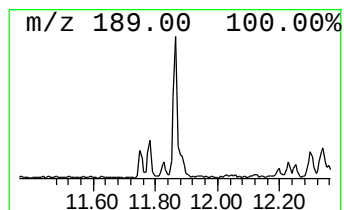
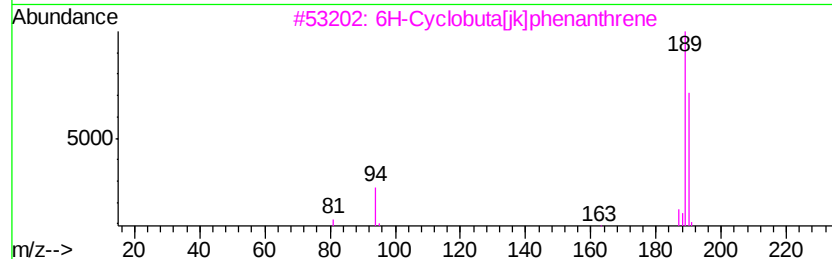
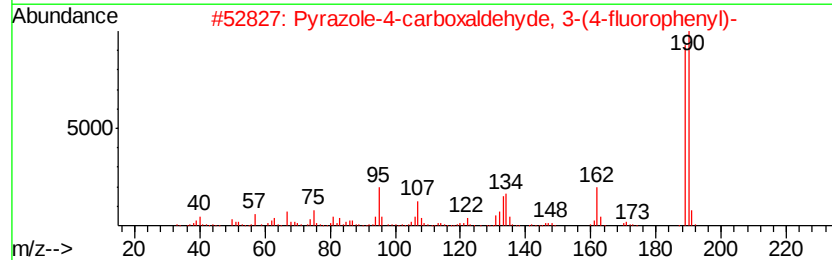
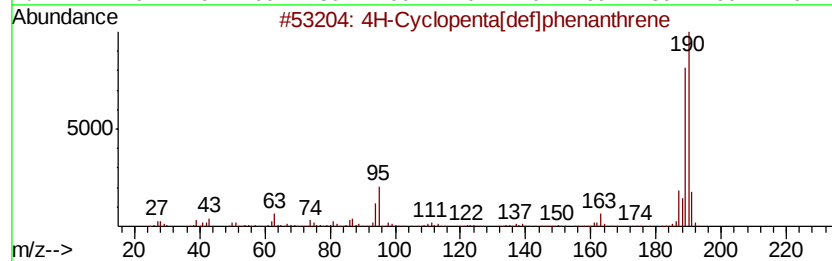
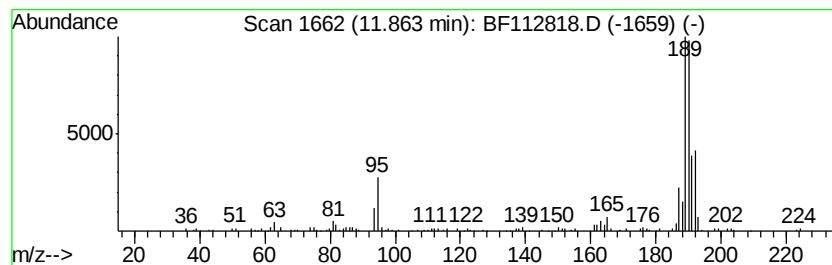
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.86	2.66 ng	191781	Phenanthrene-d10	11.25		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2		Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	47
3		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	40
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	25
5		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	23



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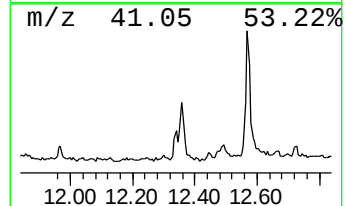
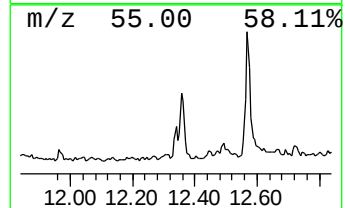
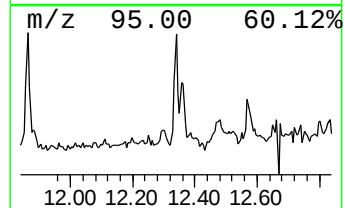
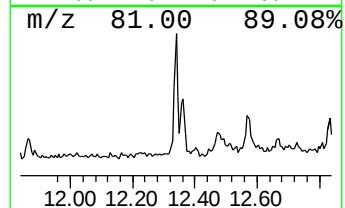
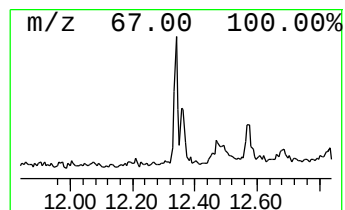
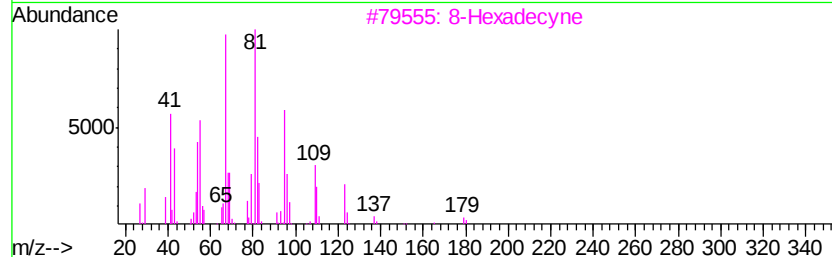
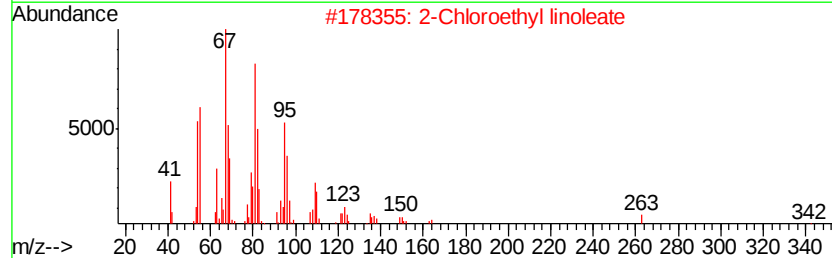
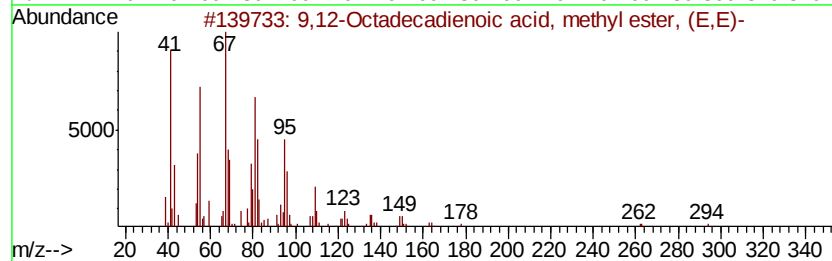
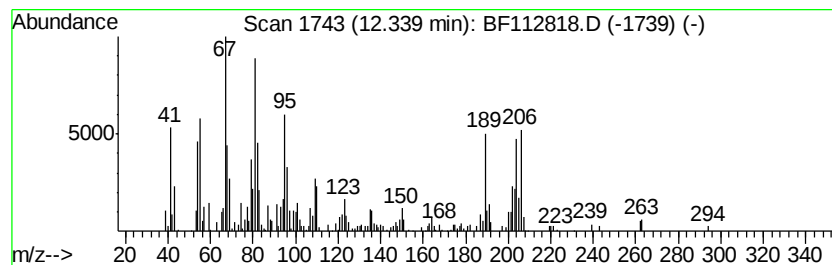
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.34	2.26 ng	163311	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	94
2	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	55
3	8-Hexadecyne	222	C16H30	019781-86-3	53
4	9,12-Octadecadienoic acid (Z,Z)-...	354	C21H38O4	002277-28-3	49
5	1-Tridecyne	180	C13H24	026186-02-7	46



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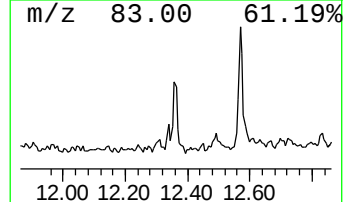
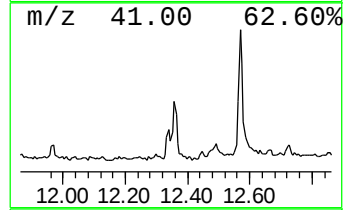
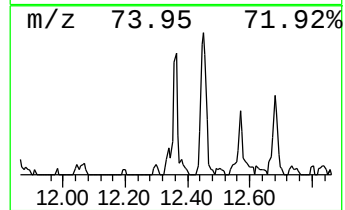
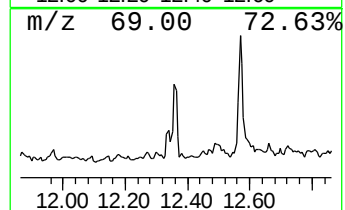
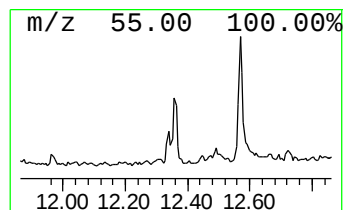
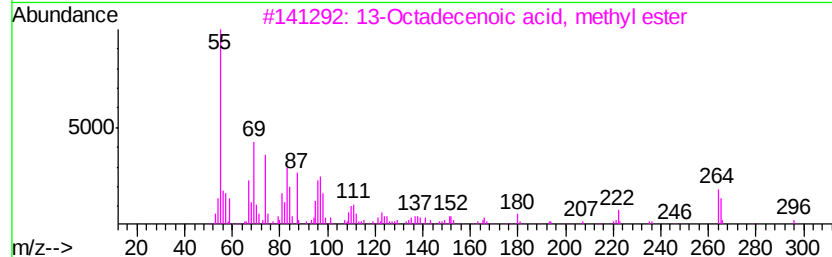
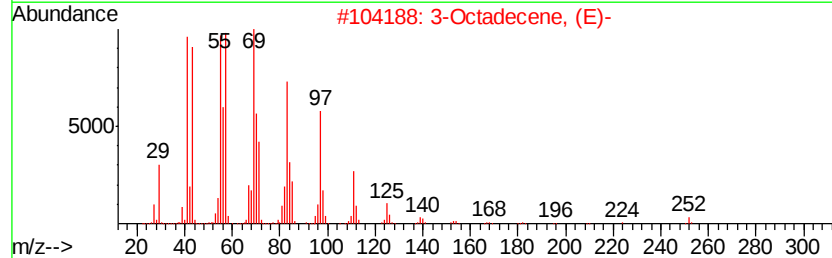
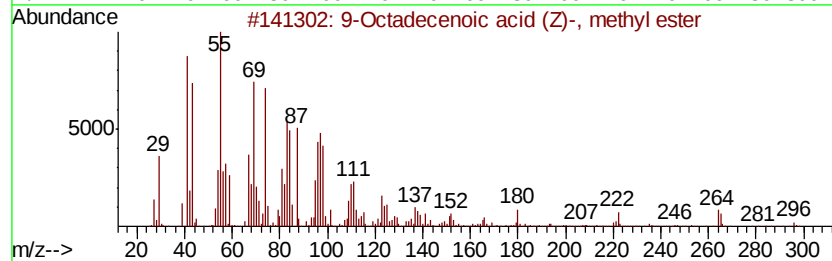
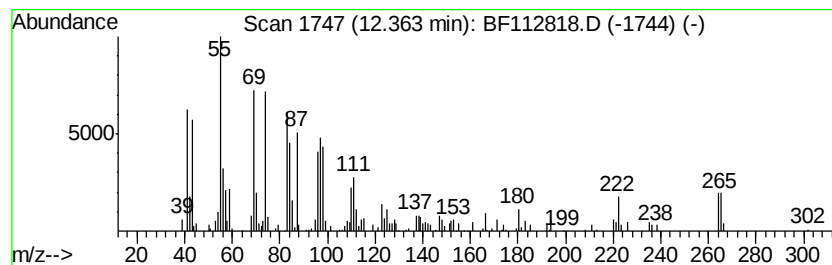
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9-Octadecenoic acid (Z)-, m... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	2.74 ng	197905	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	64
2		3-Octadecene, (E)-	252	C18H36	007206-19-1	60
3		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	52
4		Oleic Acid	282	C18H34O2	000112-80-1	49
5		E-15-Heptadecenal	252	C17H32O	1000130-97-9	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112818.D
Acq On : 4 Mar 2019 12:29
Operator : JU/SJ
Sample : K1670-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

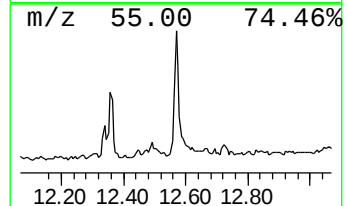
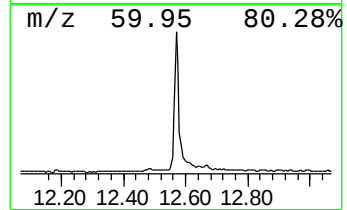
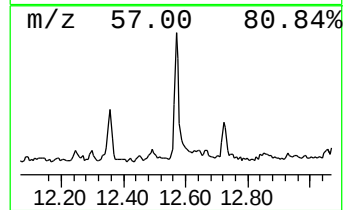
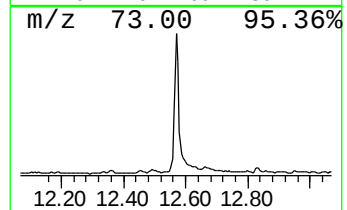
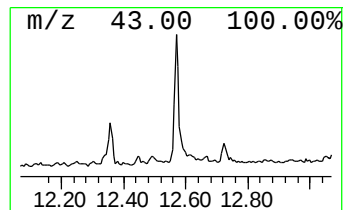
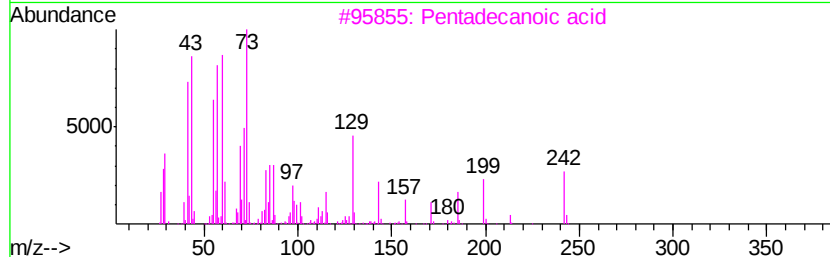
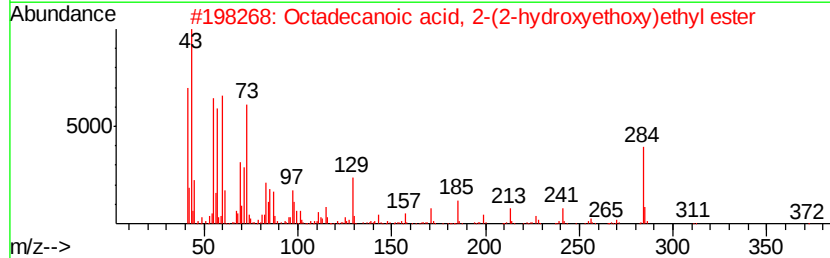
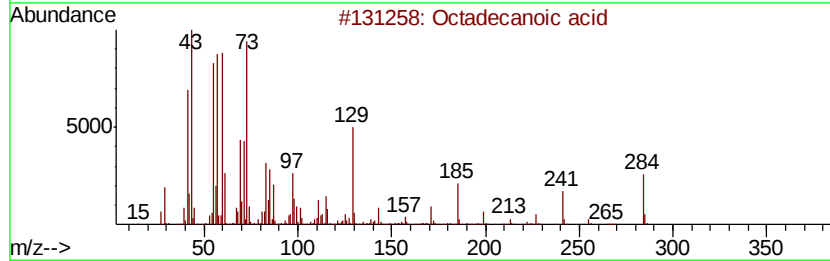
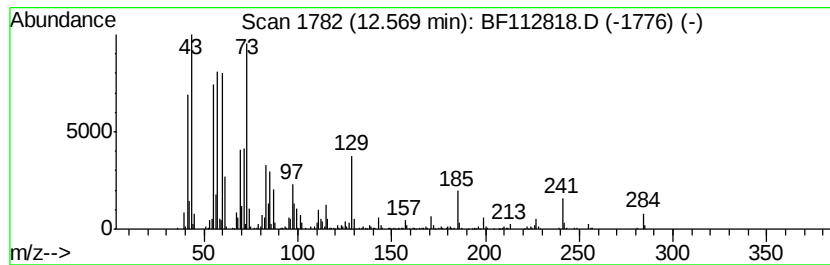
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	5.98 ng	541843	Chrysene-d12	13.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112818.D
Acq On : 4 Mar 2019 12:29
Operator : JU/SJ
Sample : K1670-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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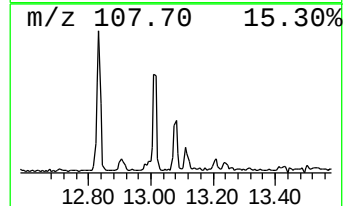
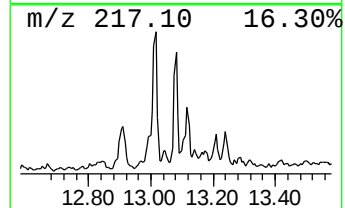
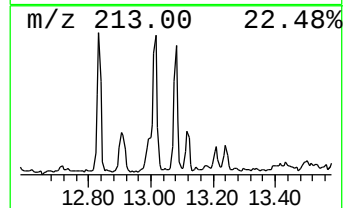
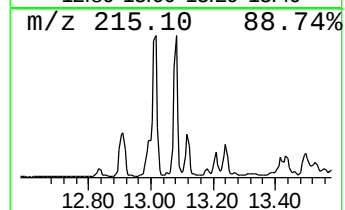
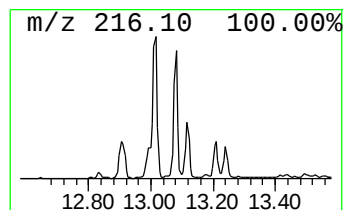
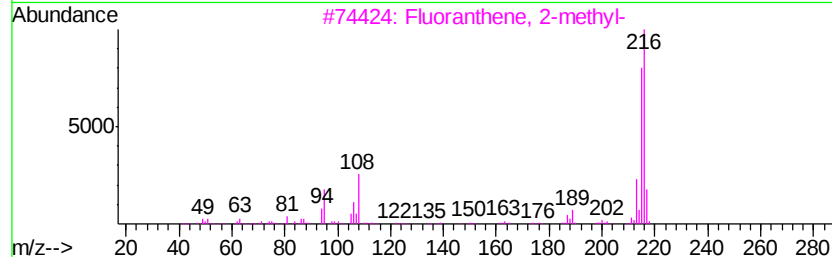
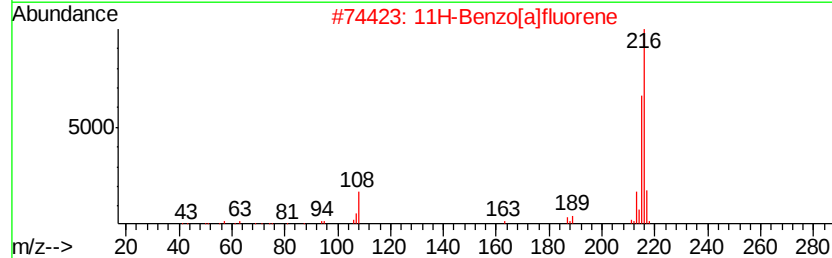
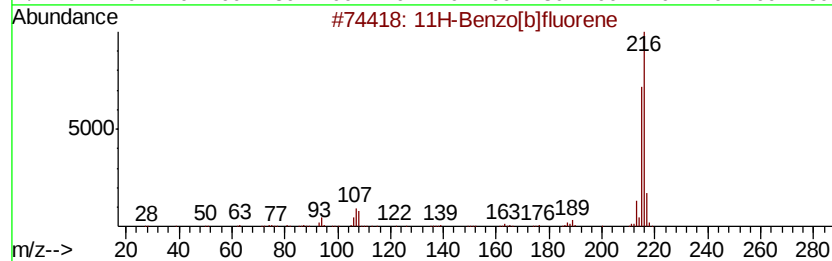
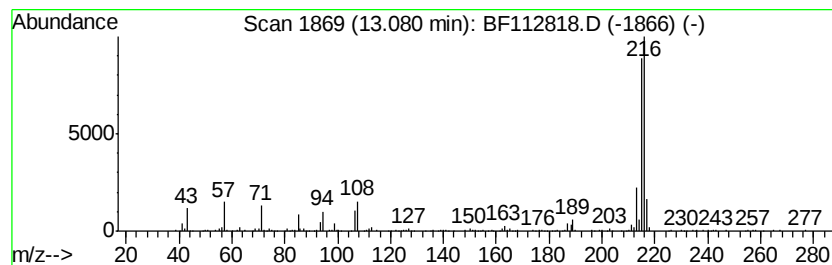
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	2.50 ng	226827	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4		Pvrene, 1-methyl-	216	C17H12	002381-21-7	87
5		1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
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Operator : JU/SJ
Sample : K1670-01
Misc :
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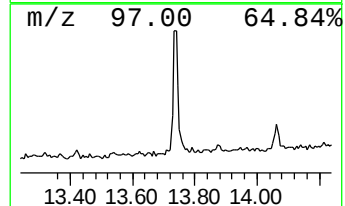
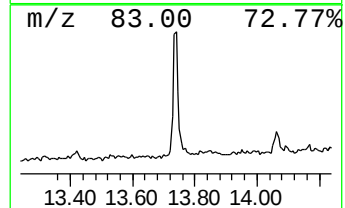
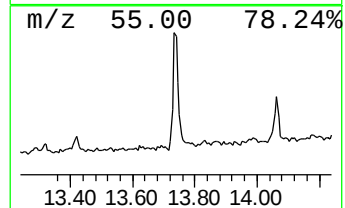
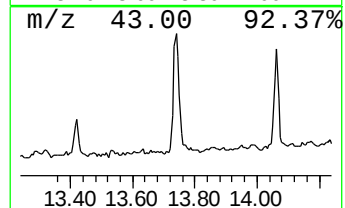
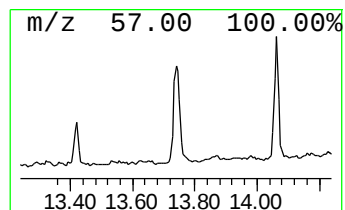
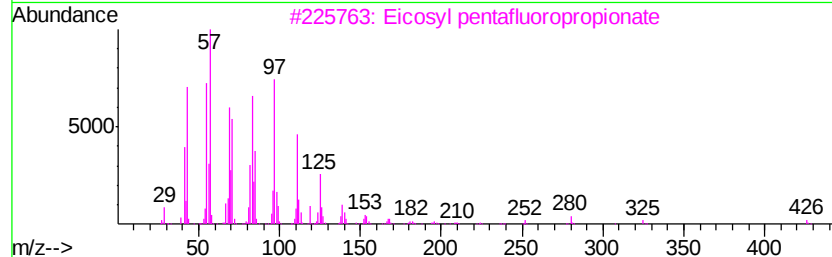
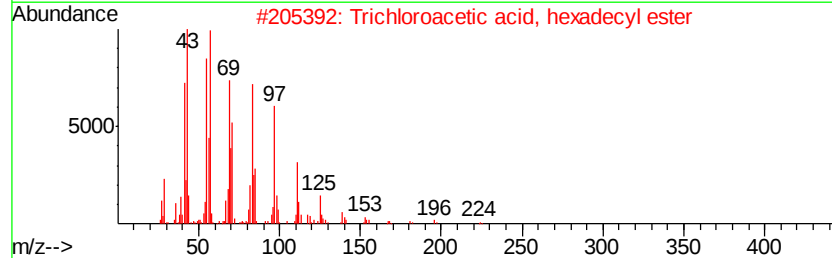
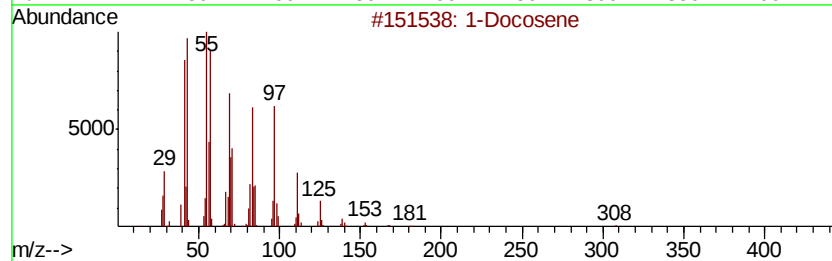
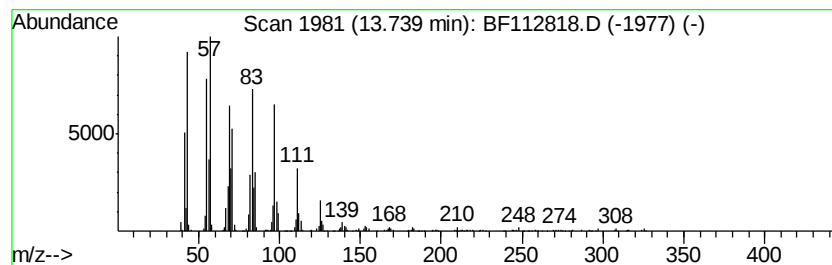
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Docosene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	5.14 ng	465517	Chrysene-d12	13.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene		308 C22H44	001599-67-3 94
2	Trichloroacetic acid, hexadecyl ...		386 C18H33Cl3O2	074339-54-1 94
3	Eicosyl pentafluoropropionate		444 C23H41F5O2	1000351-80-8 91
4	Heptadecyl heptafluorobutyrate		452 C21H35F7O2	959085-66-6 91
5	Pentafluoropropionic acid, octad...		416 C21H37F5O2	959261-25-7 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112818.D
Acq On : 4 Mar 2019 12:29
Operator : JU/SJ
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Misc :
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Instrument :
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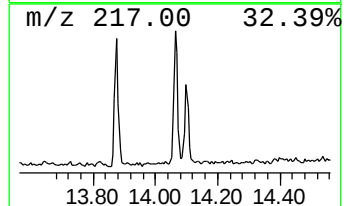
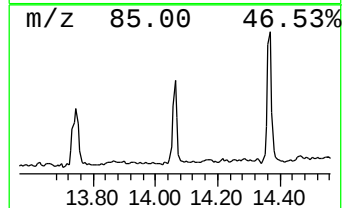
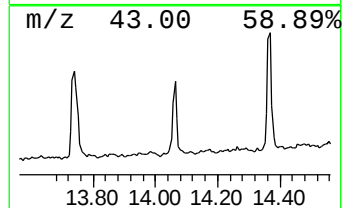
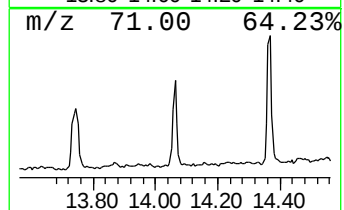
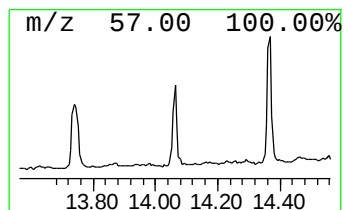
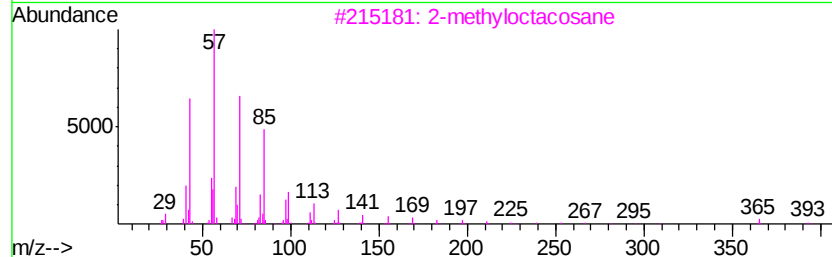
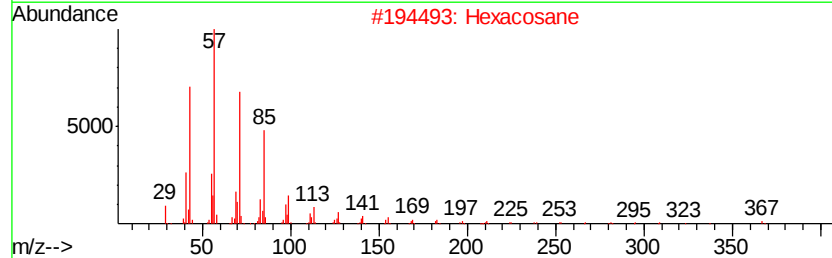
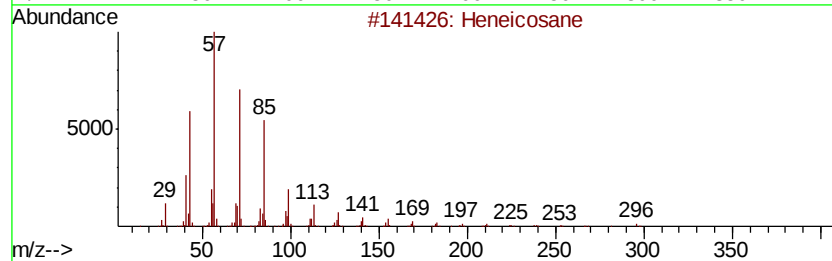
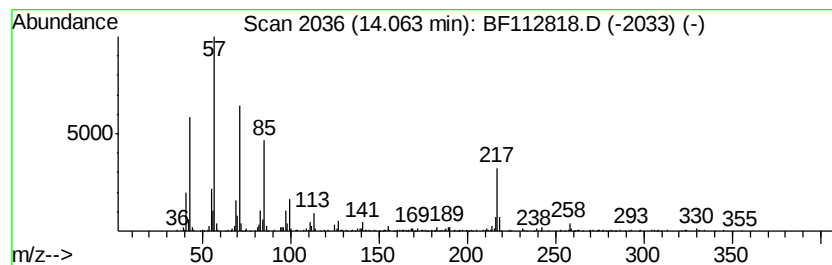
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	2.38 ng	215947	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	81
2		Hexacosane	366	C26H54	000630-01-3	81
3		2-methyloctacosane	408	C29H60	1000376-72-8	74
4		Tetracosane	338	C24H50	000646-31-1	74
5		Heptacosane	380	C27H56	000593-49-7	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112818.D
Acq On : 4 Mar 2019 12:29
Operator : JU/SJ
Sample : K1670-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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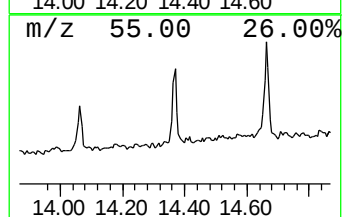
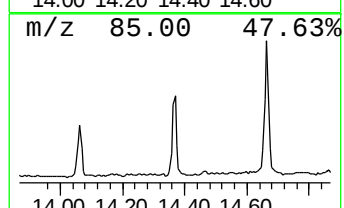
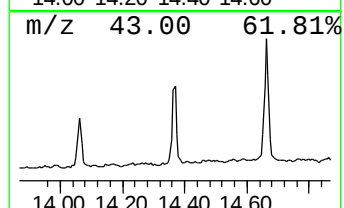
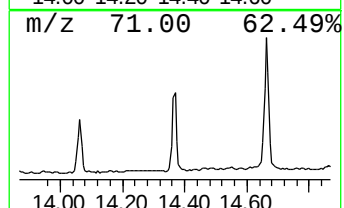
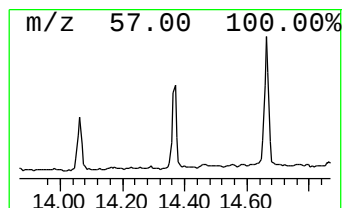
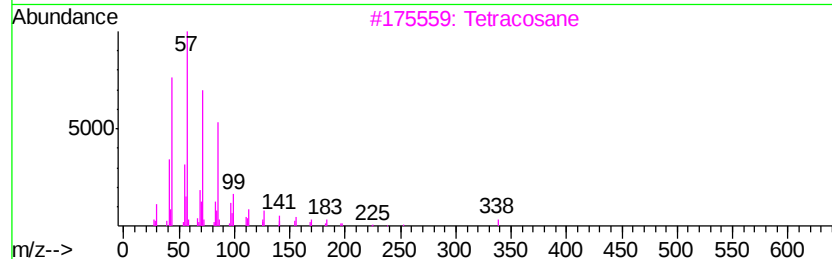
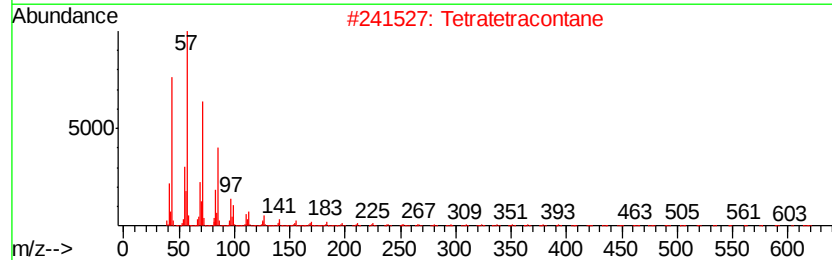
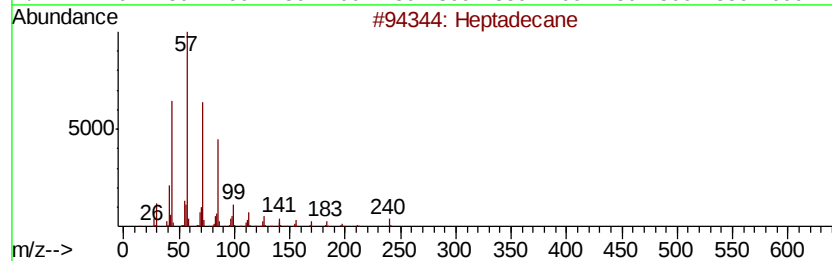
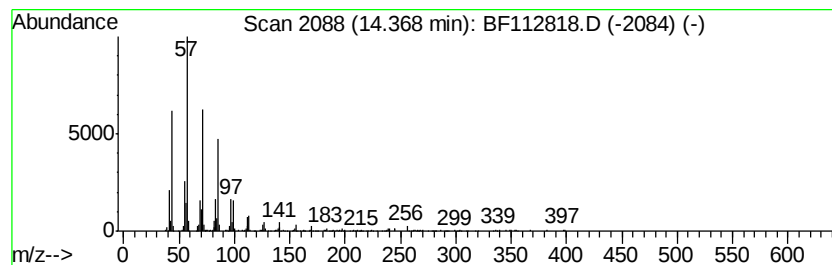
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	5.17 ng	468050	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	93
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	90
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112818.D
Acq On : 4 Mar 2019 12:29
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ALS Vial : 4 Sample Multiplier: 1

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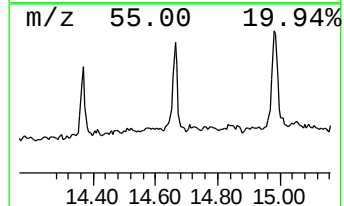
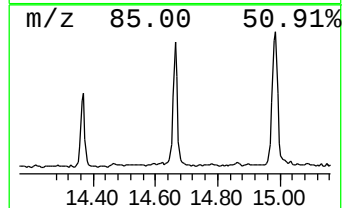
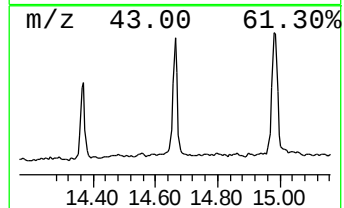
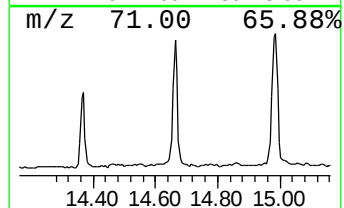
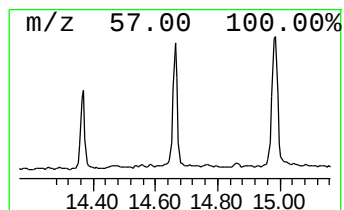
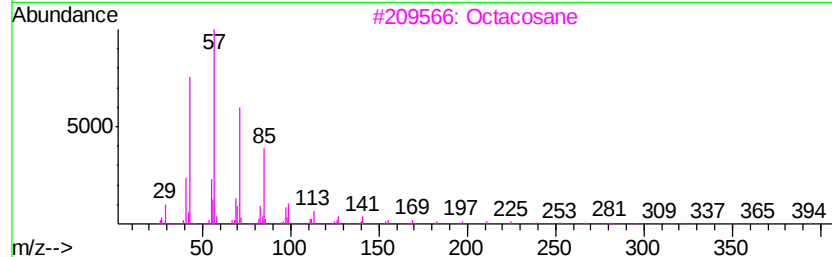
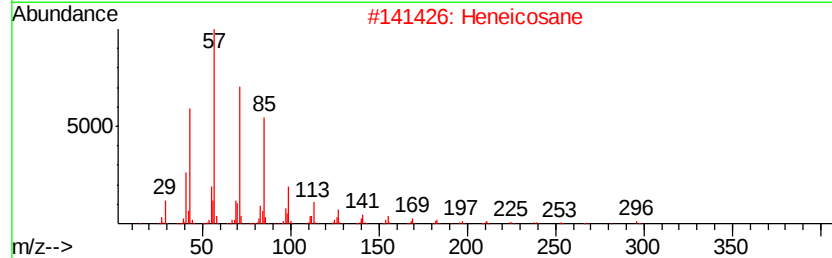
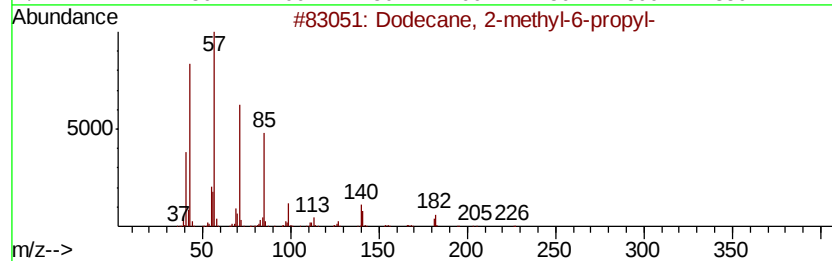
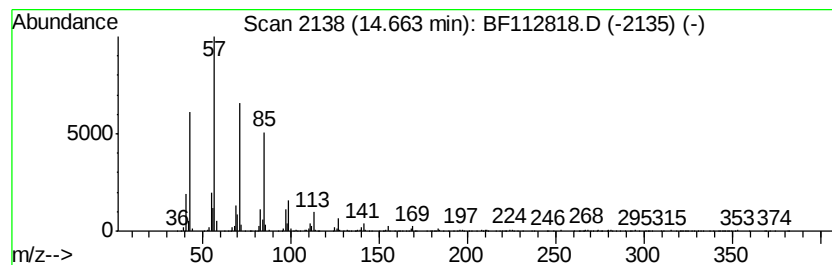
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2-methyl-6-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	9.77 ng	584173	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Nonadecane	268	C19H40	000629-92-5	90
5		Triacontane	422	C30H62	000638-68-6	90



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Operator : JU/SJ
Sample : K1670-01
Misc :
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ClientSampleId :
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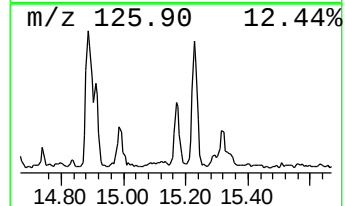
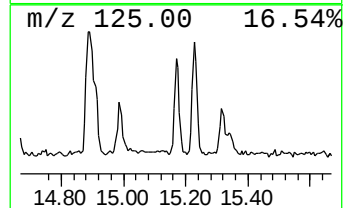
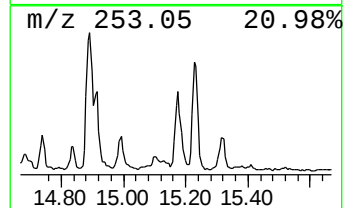
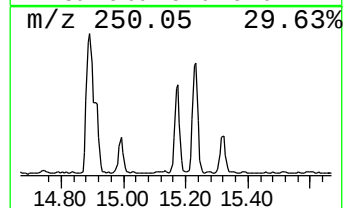
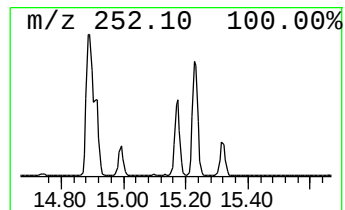
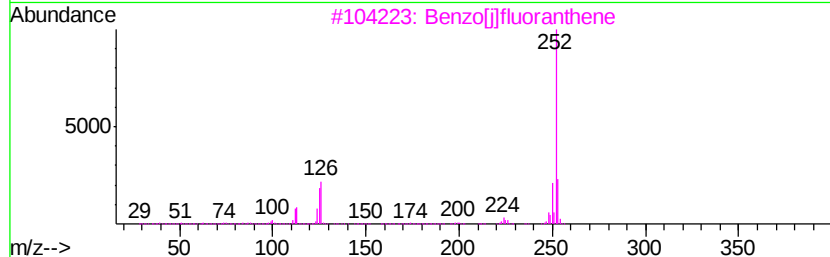
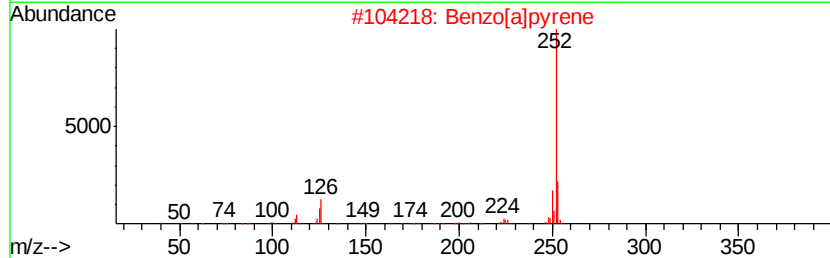
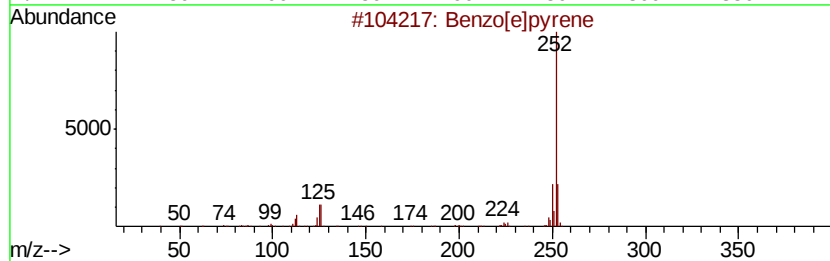
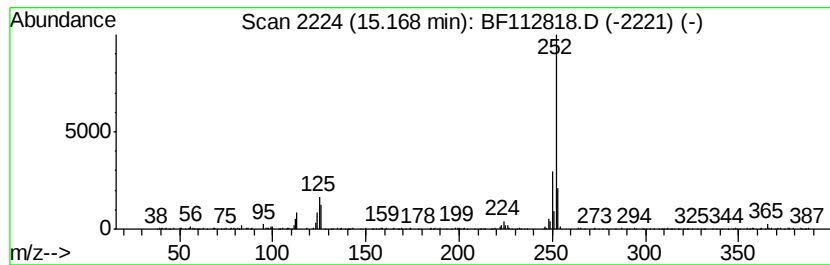
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\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.
15.17	5.23 ng	312826	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	93
3		Benzo[i]fluoranthene	252	C20H12	000205-82-3	90
4		Perylene	252	C20H12	000198-55-0	90
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112818.D
Acq On : 4 Mar 2019 12:29
Operator : JU/SJ
Sample : K1670-01
Misc :
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Instrument :
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ClientSampleId :
FK-GF-02-032-A

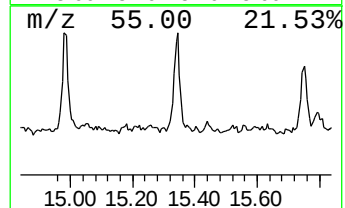
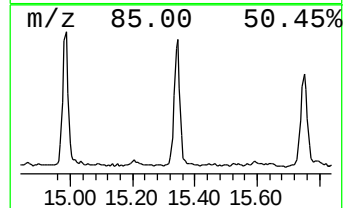
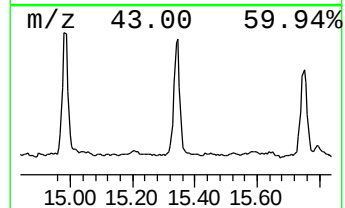
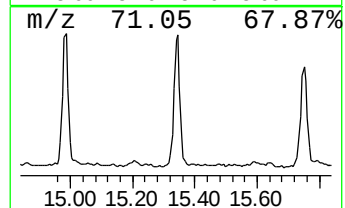
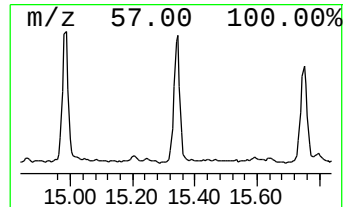
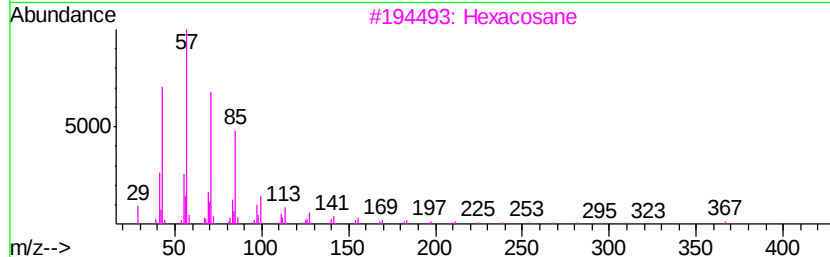
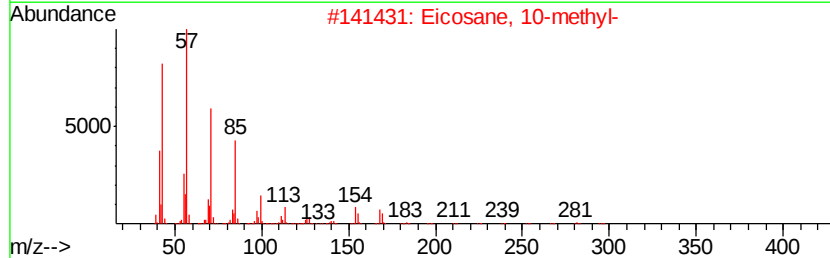
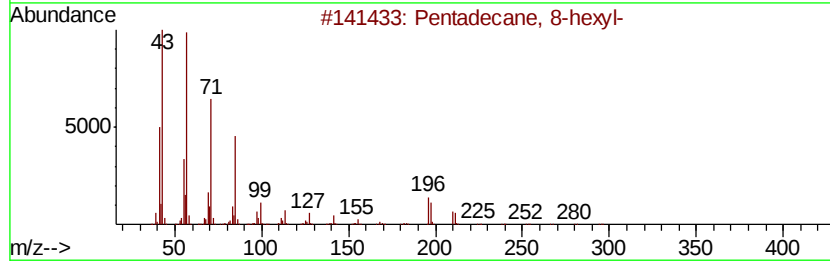
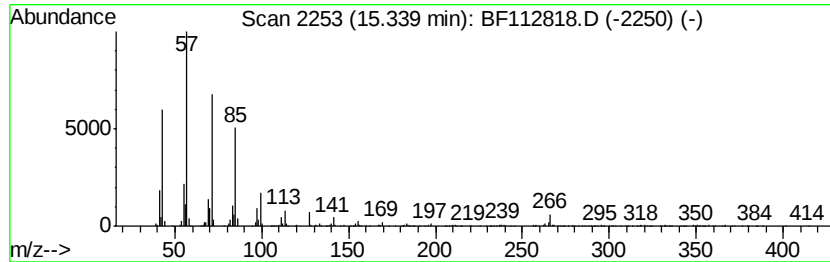
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentadecane, 8-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	13.32 ng	796578	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112818.D
Acq On : 4 Mar 2019 12:29
Operator : JU/SJ
Sample : K1670-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

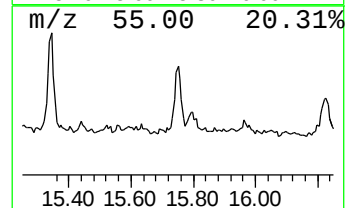
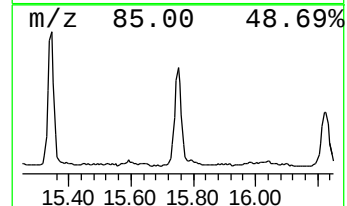
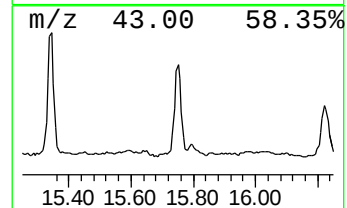
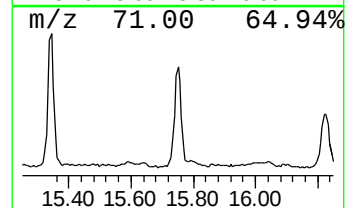
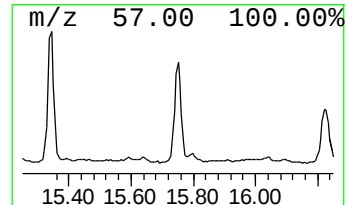
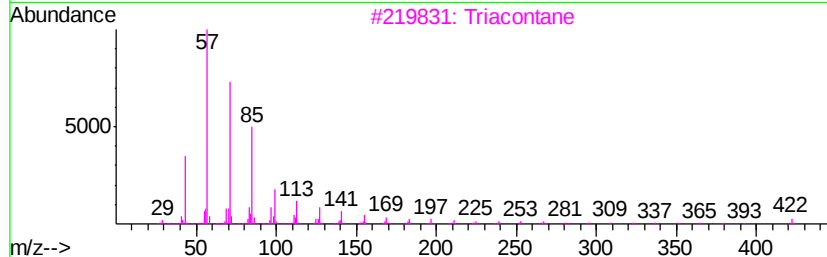
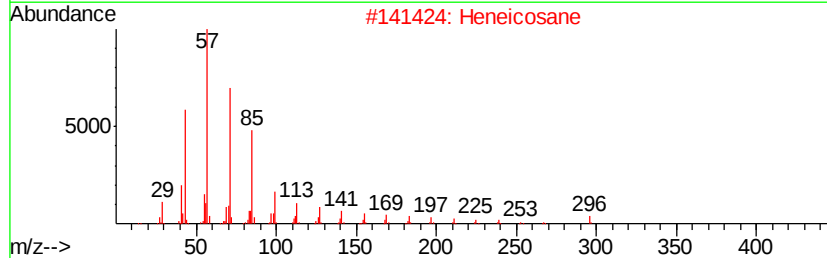
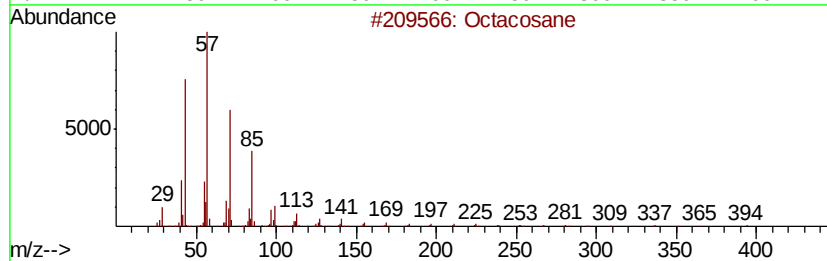
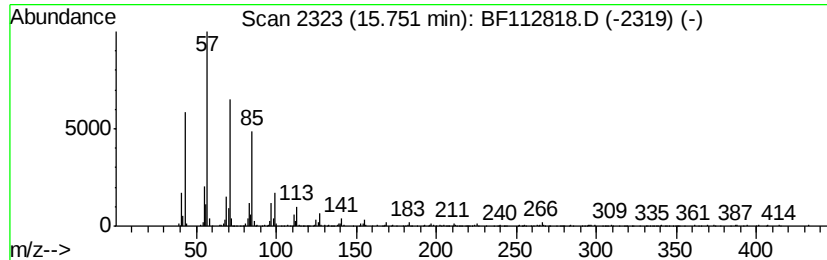
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	10.08 ng	602965	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	99
2		Heneicosane	296	C21H44	000629-94-7	94
3		Triacontane	422	C30H62	000638-68-6	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112818.D
Acq On : 4 Mar 2019 12:29
Operator : JU/SJ
Sample : K1670-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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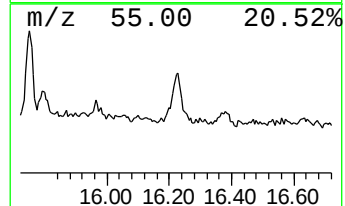
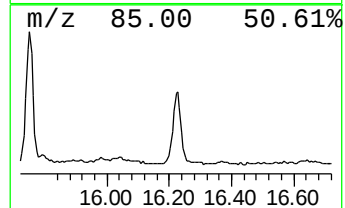
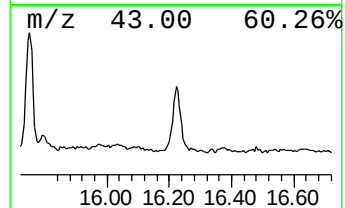
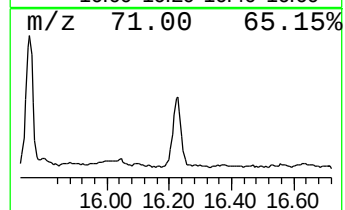
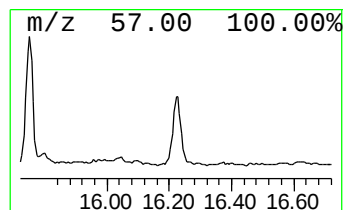
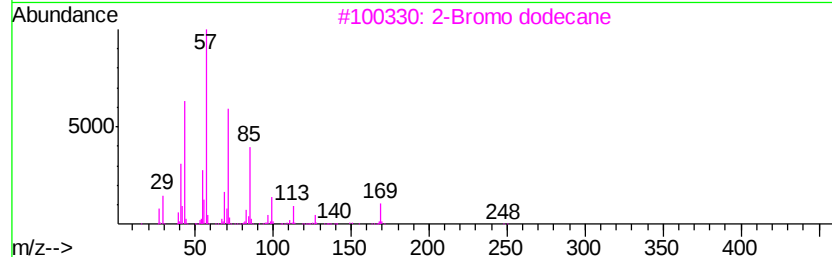
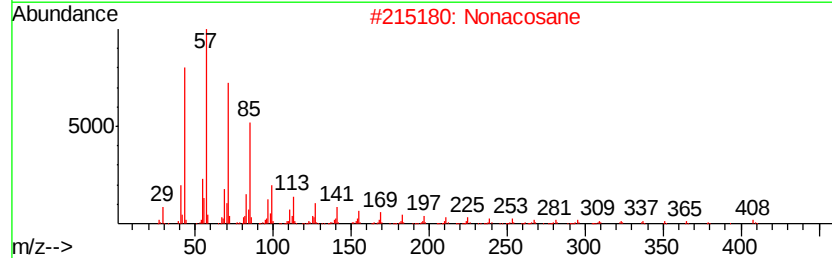
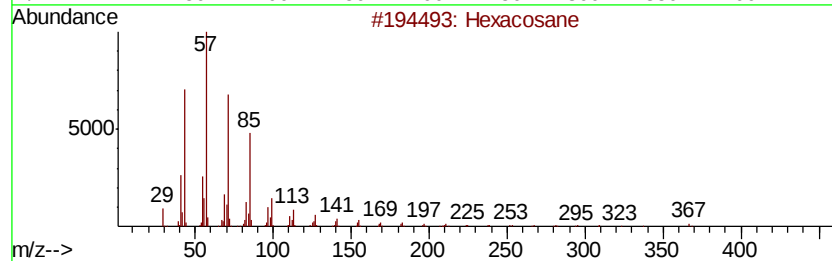
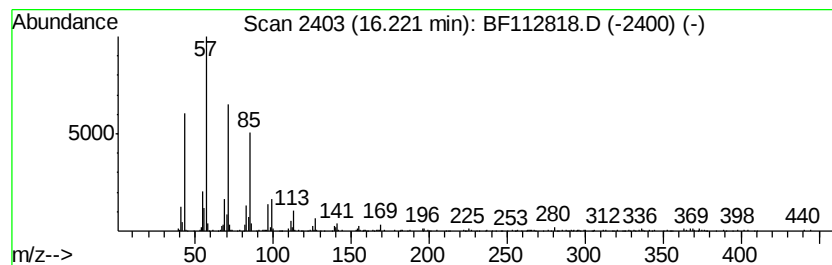
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	8.46 ng	505733	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	87
2		Nonacosane	408	C29H60	000630-03-5	87
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	86
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
5		Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
 Data File : BF112818.D
 Acq On : 4 Mar 2019 12:29
 Operator : JU/SJ
 Sample : K1670-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
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n-Hexadecanoic acid	11.79	9.7	ng	699253	4	11.25	1444330	20.0
4H-Cyclopenta[def...	11.86	2.7	ng	191781	4	11.25	1444330	20.0
9,12-Octadecadien...	12.34	2.3	ng	163311	4	11.25	1444330	20.0
9-Octadecenoic ac...	12.36	2.7	ng	197905	4	11.25	1444330	20.0
Octadecanoic acid	12.57	6.0	ng	541843	5	13.88	1811360	20.0
11H-Benzo[b]fluorene	13.08	2.5	ng	226827	5	13.88	1811360	20.0
1-Docosene	13.74	5.1	ng	465517	5	13.88	1811360	20.0
Heneicosane	14.06	2.4	ng	215947	5	13.88	1811360	20.0
Heptadecane	14.37	5.2	ng	468050	5	13.88	1811360	20.0
Dodecane, 2-methy...	14.66	9.8	ng	584173	6	15.29	1196030	20.0
Benzo[e]pyrene	15.17	5.2	ng	312826	6	15.29	1196030	20.0
Pentadecane, 8-he...	15.34	13.3	ng	796578	6	15.29	1196030	20.0
Octacosane	15.75	10.1	ng	602965	6	15.29	1196030	20.0
Hexacosane	16.22	8.5	ng	505733	6	15.29	1196030	20.0