

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101618\
 Data File : BF109907.D
 Acq On : 16 Oct 2018 16:06
 Operator : JU/SJ
 Sample : J5526-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-4A-C-101518-1

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-BF101518.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	2.334	36	42	50	rVB	899215	1219786	18.40%	1.984%
2	3.592	253	256	269	rBV	80519	156149	2.35%	0.254%
3	5.228	525	534	543	rVB	250241	309004	4.66%	0.503%
4	5.604	593	598	601	rBV	6126215	6298531	94.99%	10.247%
5	6.604	761	768	772	rBV	5719846	6630925	100.00%	10.788%
6	6.751	788	793	796	rBV	6414854	6449972	97.27%	10.494%
7	6.981	828	832	836	rVB	1858804	1440306	21.72%	2.343%
8	7.139	855	859	862	rVB	5786228	5009471	75.55%	8.150%
9	7.545	922	928	931	rBV	4126058	4094185	61.74%	6.661%
10	8.263	1046	1050	1053	rBV	2092673	1693410	25.54%	2.755%
11	9.339	1228	1233	1236	rBV	6469137	5849254	88.21%	9.516%
12	9.727	1295	1299	1302	rBV	882717	674647	10.17%	1.098%
13	10.022	1345	1349	1353	rBV	1776679	1478336	22.29%	2.405%
14	10.810	1479	1483	1487	rBV	3100688	2724628	41.09%	4.433%
15	11.510	1599	1602	1605	rBV	1361204	1257161	18.96%	2.045%
16	11.533	1605	1606	1610	rVV	293711	204100	3.08%	0.332%
17	11.586	1611	1615	1618	rVV	78622	76379	1.15%	0.124%
18	12.015	1685	1688	1691	rBV	140963	147838	2.23%	0.241%
19	12.127	1704	1707	1709	rBV2	70517	76332	1.15%	0.124%
20	12.539	1774	1777	1779	rBV	113804	94112	1.42%	0.153%
21	12.727	1805	1809	1812	rBV	784892	621505	9.37%	1.011%
22	12.845	1827	1829	1833	rVB2	141234	115818	1.75%	0.188%
23	12.939	1842	1845	1846	rBV	115393	100911	1.52%	0.164%
24	12.957	1846	1848	1854	rVB	635438	570501	8.60%	0.928%
25	13.098	1868	1872	1875	rBV	5173892	4501675	67.89%	7.324%
26	13.174	1880	1885	1889	rBV2	63354	110038	1.66%	0.179%
27	13.286	1901	1904	1907	rVB	125102	115816	1.75%	0.188%
28	13.351	1911	1915	1917	rVB2	80932	74404	1.12%	0.121%
29	13.392	1917	1922	1924	rBV3	85209	99908	1.51%	0.163%
30	13.598	1954	1957	1960	rVB	127892	110776	1.67%	0.180%
31	13.792	1987	1990	1995	rVB	132843	136513	2.06%	0.222%
32	13.904	2004	2009	2012	rBV2	77649	124866	1.88%	0.203%
33	13.974	2016	2021	2030	rVB5	442282	661202	9.97%	1.076%
34	14.121	2043	2046	2048	rBV	102280	91265	1.38%	0.148%

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.157	2048	2052	2055	rVV2	1939072	2057773	31.03%	3.348%
36	14.180	2055	2056	2064	rVB	404432	329265	4.97%	0.536%
37	14.298	2074	2076	2081	rVB	145531	136603	2.06%	0.222%
38	14.380	2086	2090	2092	rBV3	49332	71038	1.07%	0.116%
39	14.539	2113	2117	2120	rBV	80589	100139	1.51%	0.163%
40	14.574	2120	2123	2126	rBV2	79104	81244	1.23%	0.132%
41	14.609	2126	2129	2133	rBV2	243914	247613	3.73%	0.403%
42	14.927	2180	2183	2191	rBV	212482	252298	3.80%	0.410%
43	15.009	2194	2197	2200	rBV	83588	79550	1.20%	0.129%
44	15.227	2230	2234	2237	rBV	405434	592627	8.94%	0.964%
45	15.286	2241	2244	2247	rVV	272489	315609	4.76%	0.513%
46	15.339	2251	2253	2257	rVB	73909	76724	1.16%	0.125%
47	15.551	2285	2289	2294	rVB	237656	308329	4.65%	0.502%
48	15.615	2296	2300	2307	rVB	292548	346881	5.23%	0.564%
49	15.686	2307	2312	2324	rBV	1487438	2081226	31.39%	3.386%
50	16.156	2387	2392	2397	rBV	227771	352906	5.32%	0.574%
51	16.209	2397	2401	2409	rVB5	64848	125082	1.89%	0.203%
52	16.698	2479	2484	2490	rVB2	122872	230931	3.48%	0.376%
53	17.245	2572	2577	2586	rVB2	100922	211795	3.19%	0.345%
54	17.709	2652	2656	2666	rVB2	69850	148930	2.25%	0.242%

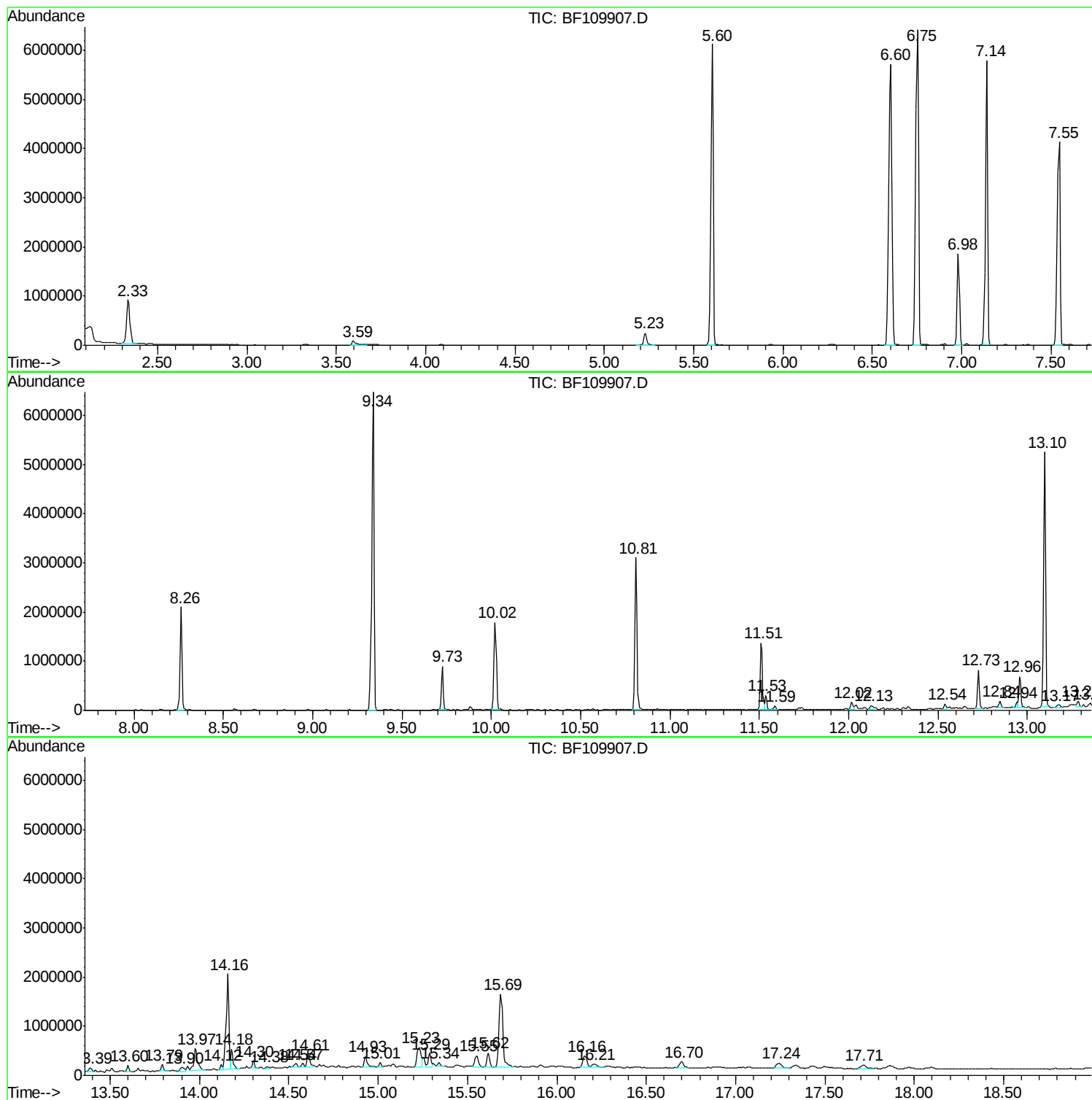
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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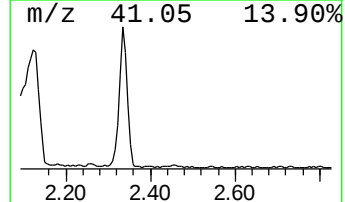
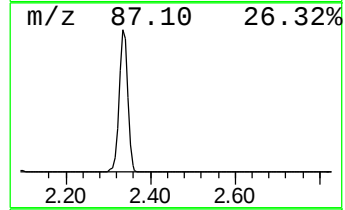
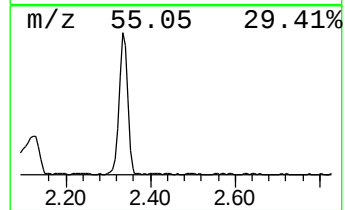
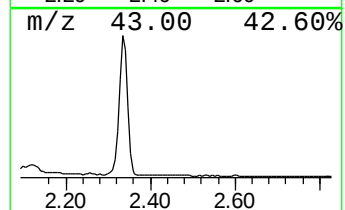
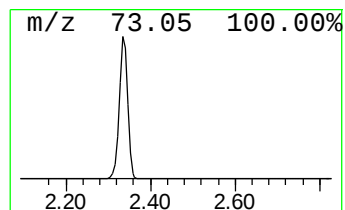
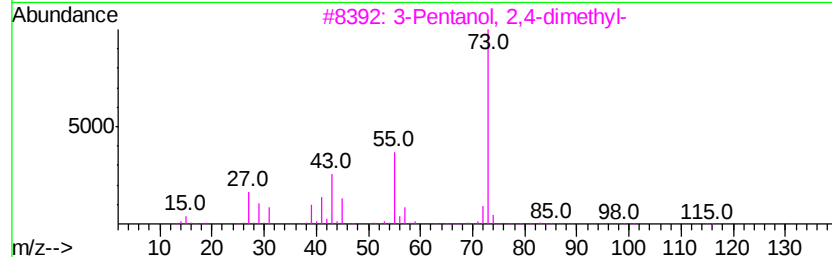
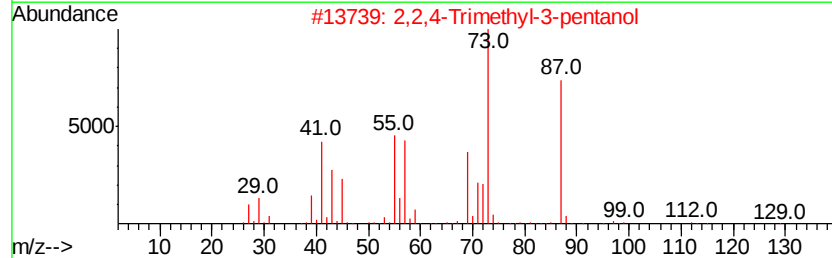
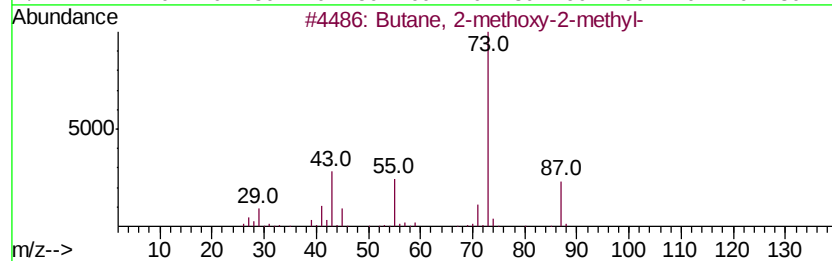
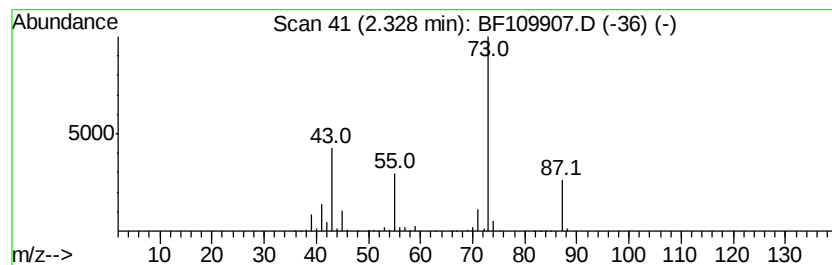
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	16.94 ng	1219790	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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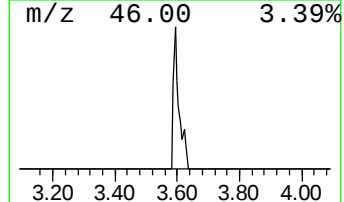
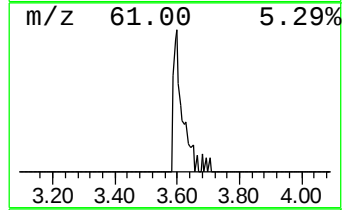
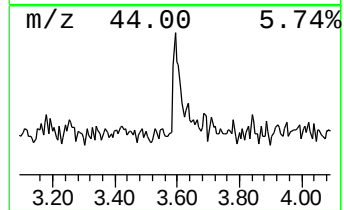
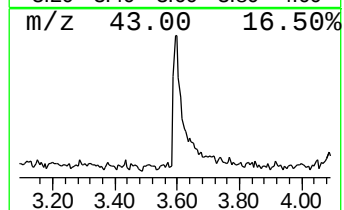
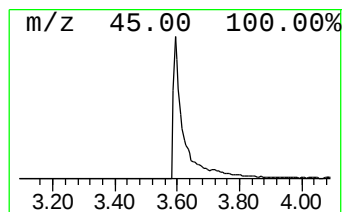
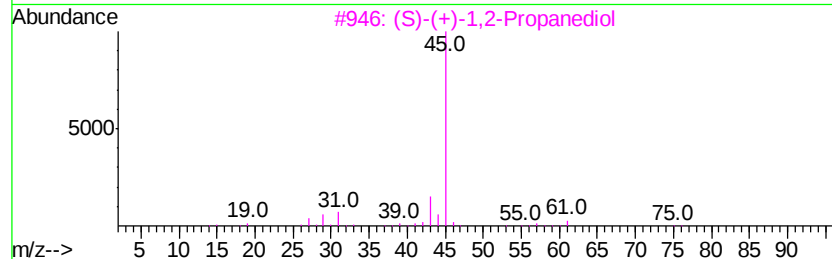
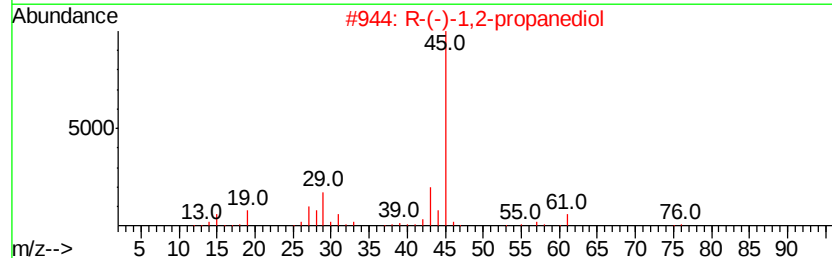
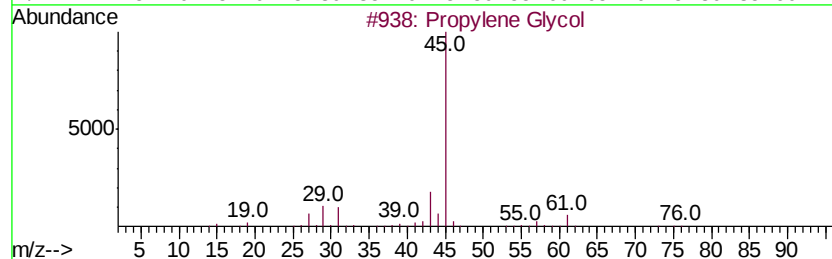
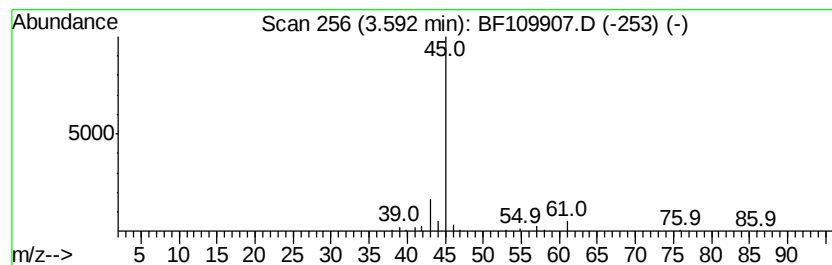
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Propylene Glycol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.59	2.17 ng	156149	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propylene Glycol	76	C3H8O2	000057-55-6	83
2		R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	78
3		(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
4		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	39
5		Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	9



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ALS Vial : 9 Sample Multiplier: 1

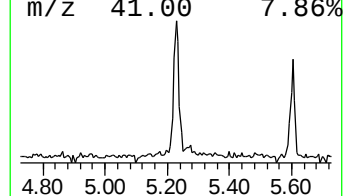
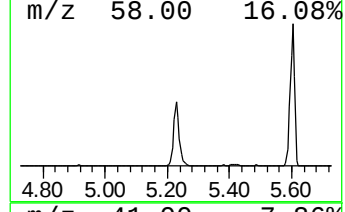
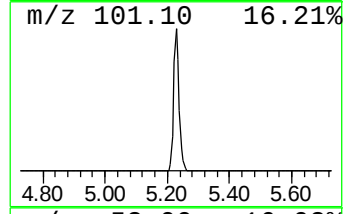
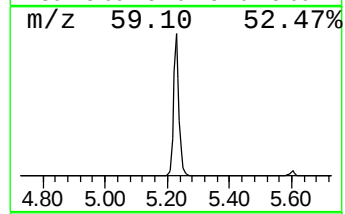
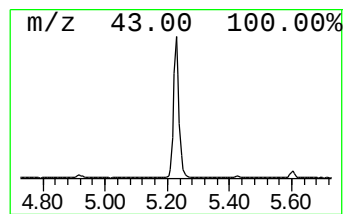
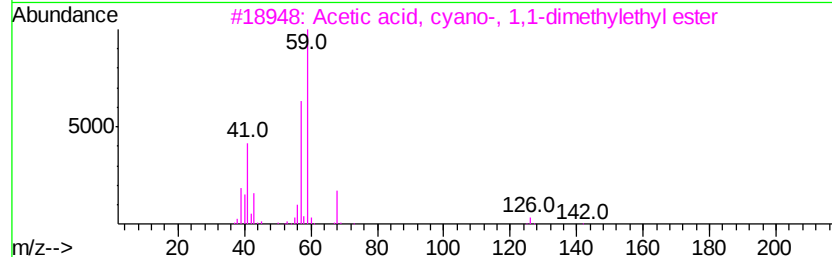
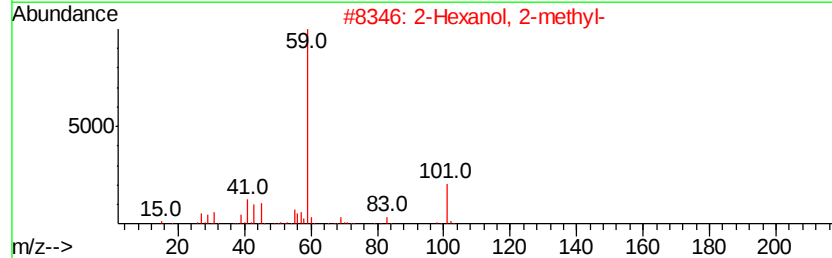
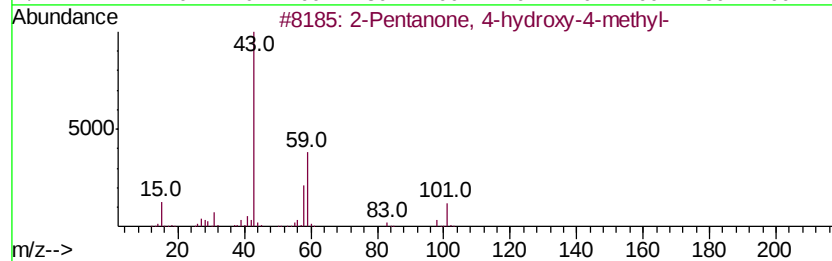
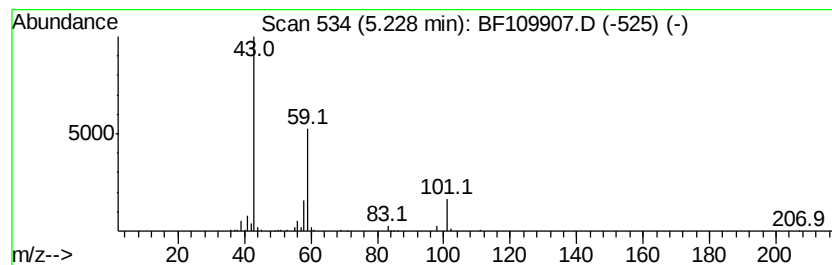
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.23	4.29 ng	309004	1,4-Dichlorobenzene-d4	6.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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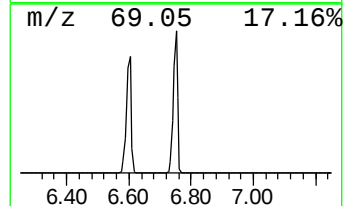
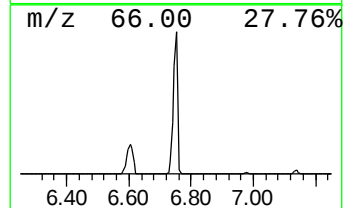
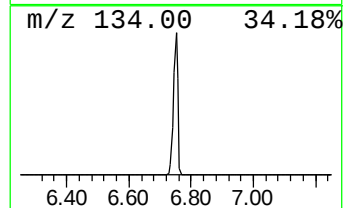
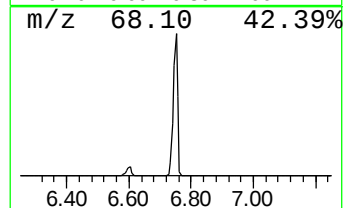
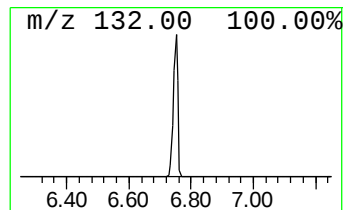
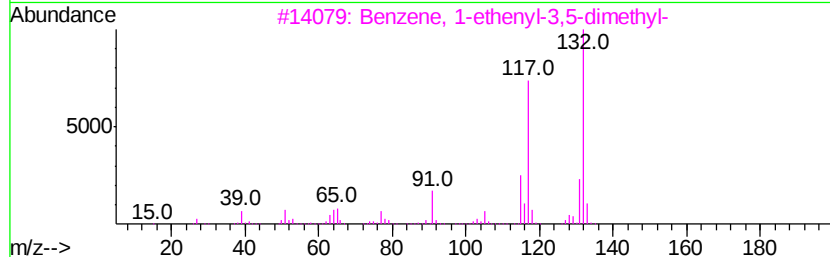
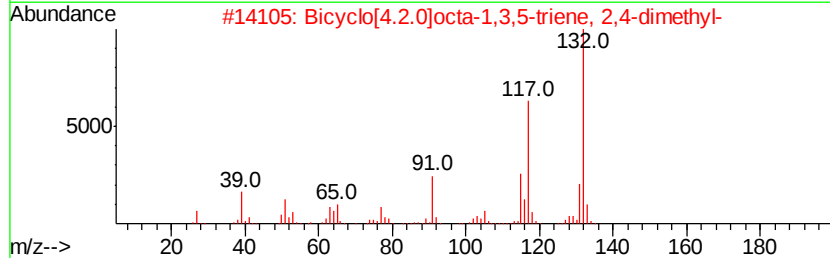
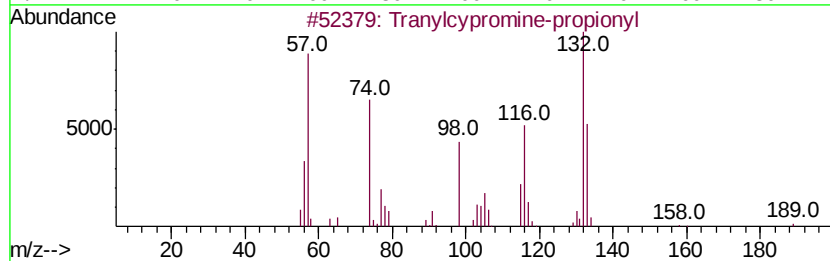
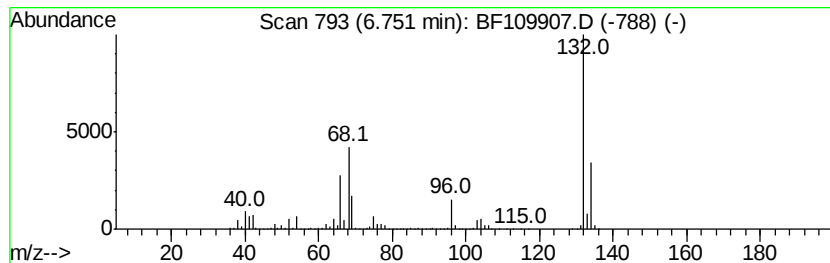
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	89.56 ng	6449970	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranvlcvpromine-propionyl	189	C12H15NO	1000123-86-3	10
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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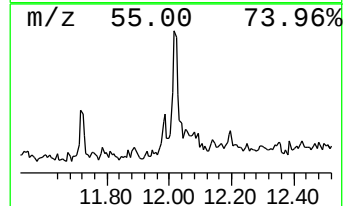
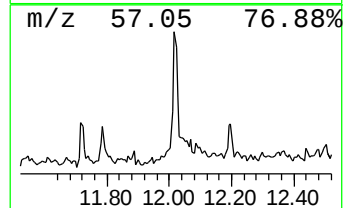
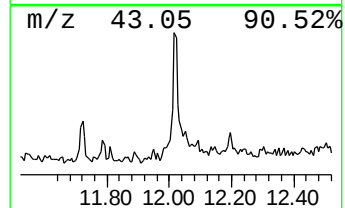
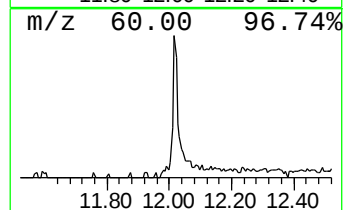
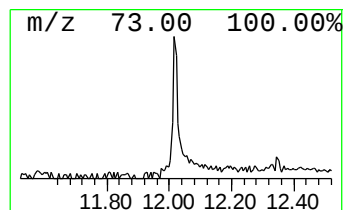
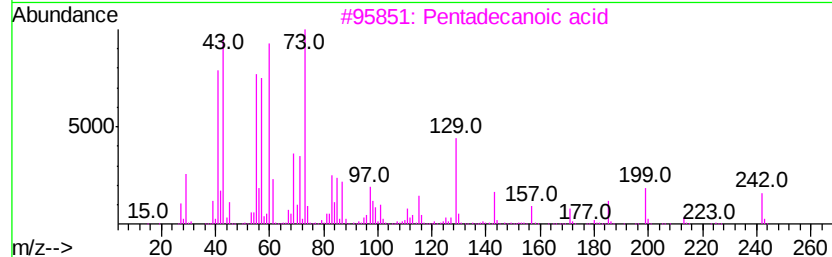
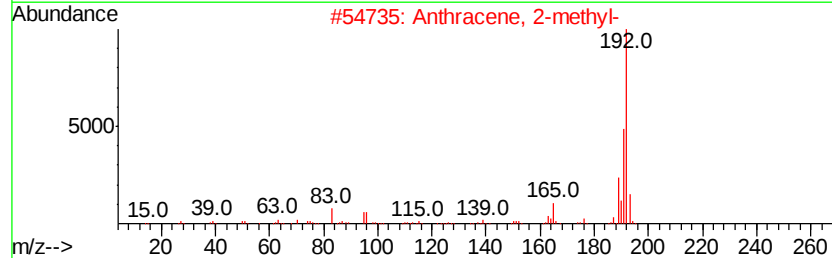
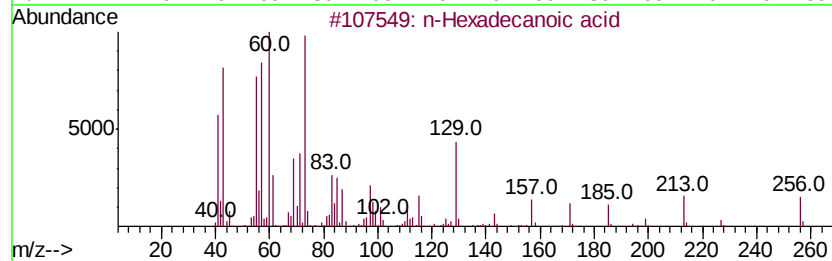
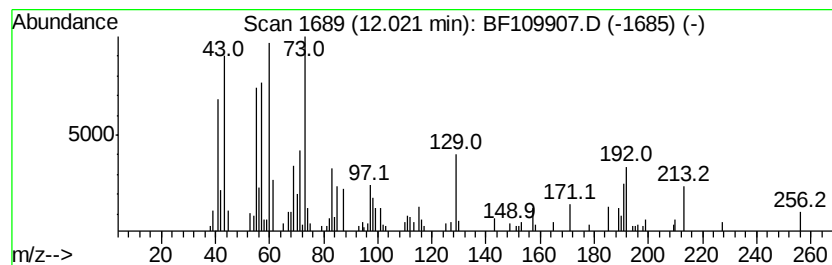
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.35 ng	147838	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	51
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	46
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	45
5	Tridecanoic acid	214	C13H26O2	000638-53-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109907.D
Acq On : 16 Oct 2018 16:06
Operator : JU/SJ
Sample : J5526-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

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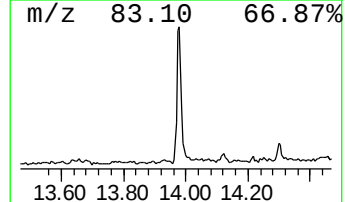
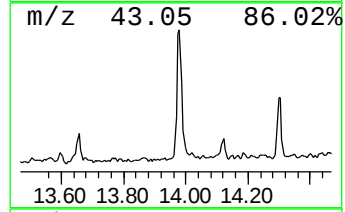
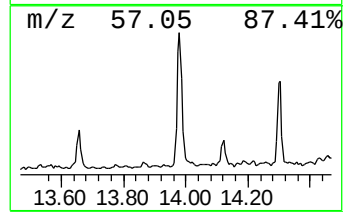
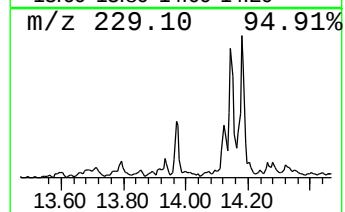
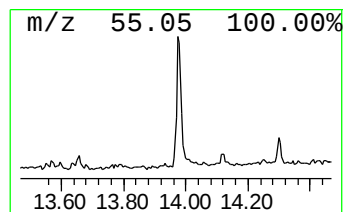
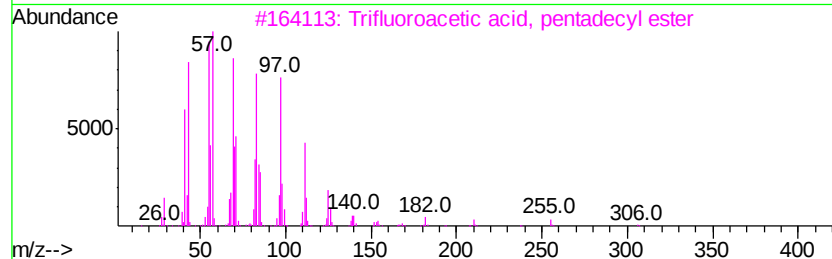
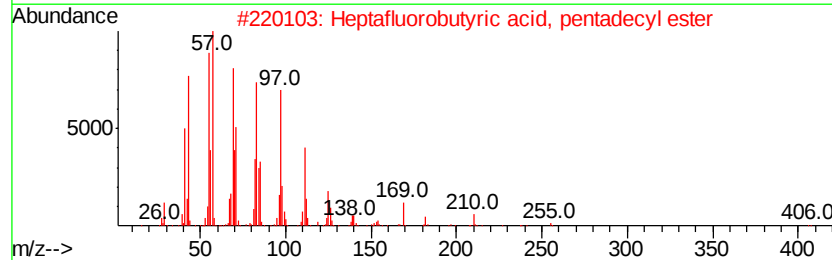
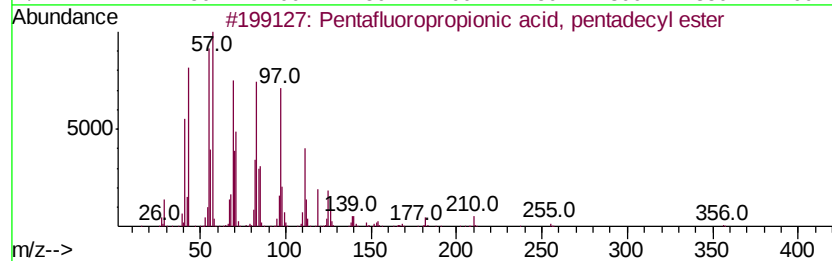
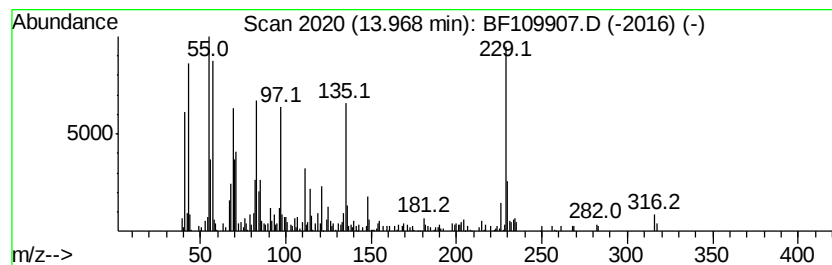
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	6.43 ng	661202	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
3		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
4		Trifluoroacetoxv hexadecane	338	C18H33F3O2	006222-03-3	91
5		1-Heneicosanol	312	C21H44O	015594-90-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109907.D
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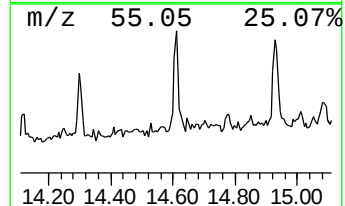
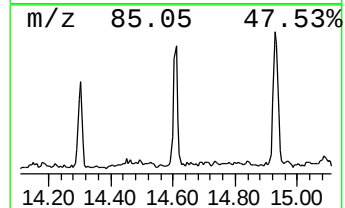
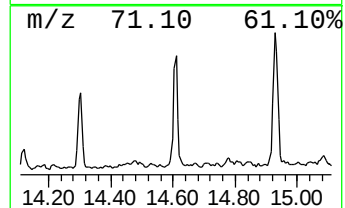
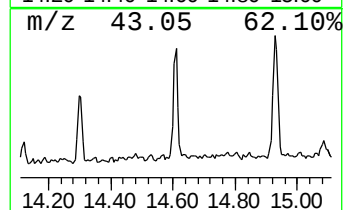
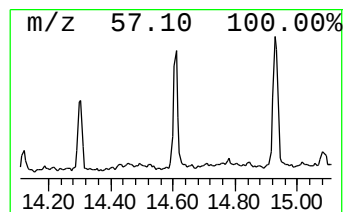
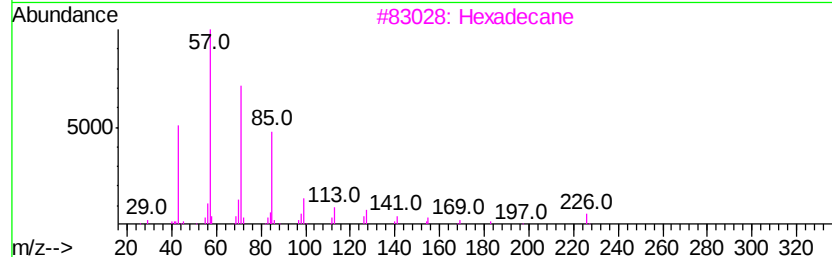
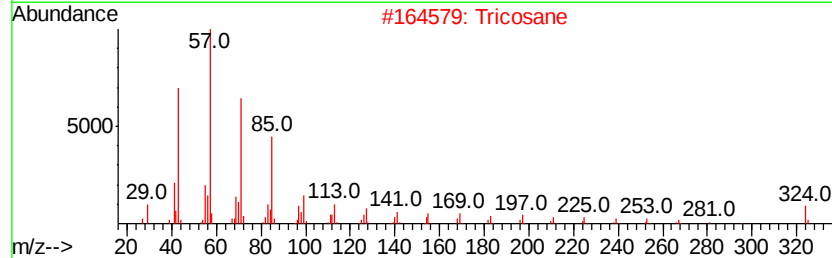
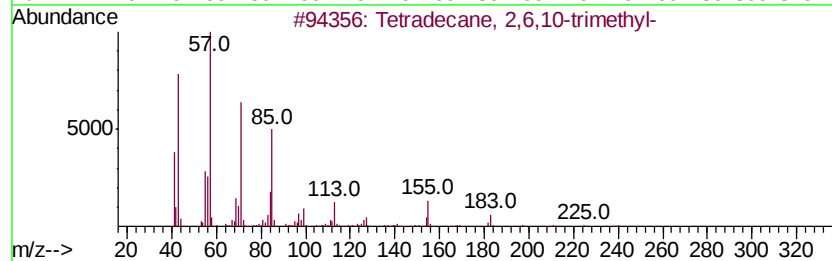
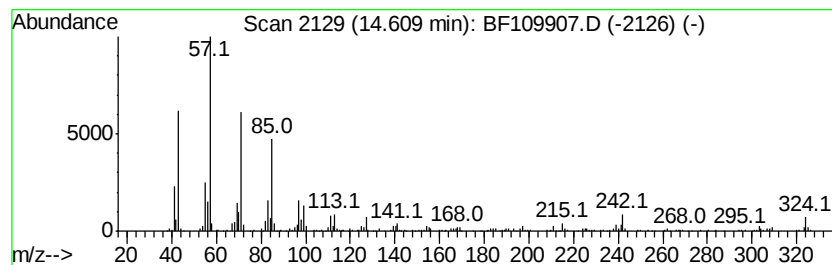
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	2.41 ng	247613	Chrysene-d12	14.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
2			Tricosane	324	C23H48	000638-67-5	91
3			Hexadecane	226	C16H34	000544-76-3	90
4			Heptadecane	240	C17H36	000629-78-7	87
5			Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
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Acq On : 16 Oct 2018 16:06
Operator : JU/SJ
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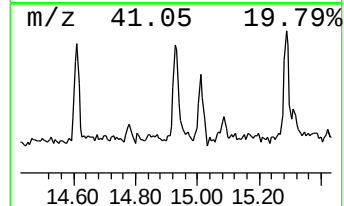
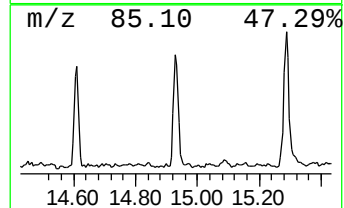
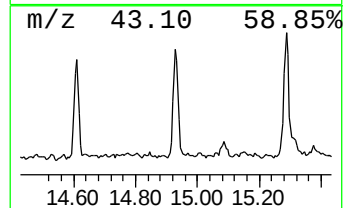
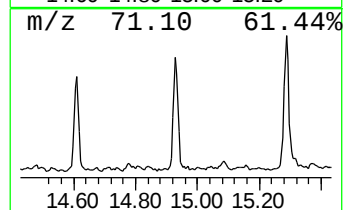
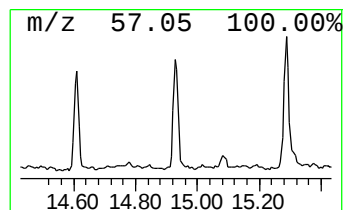
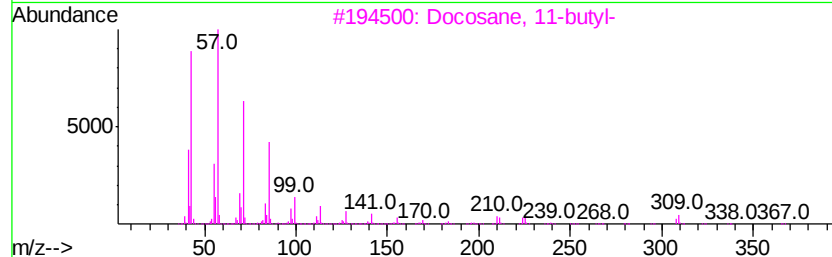
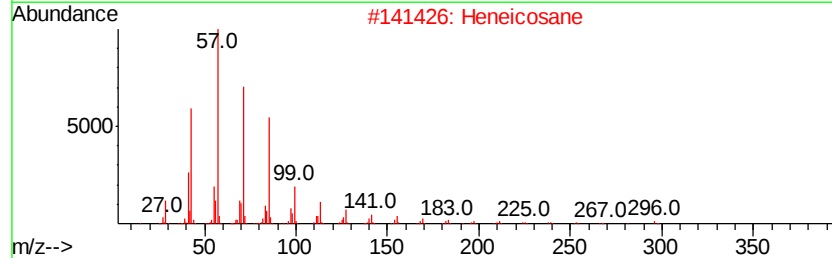
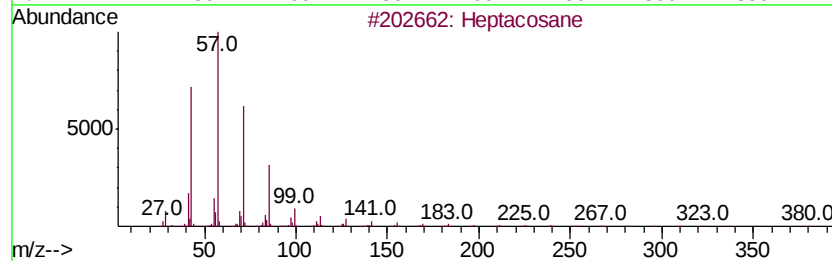
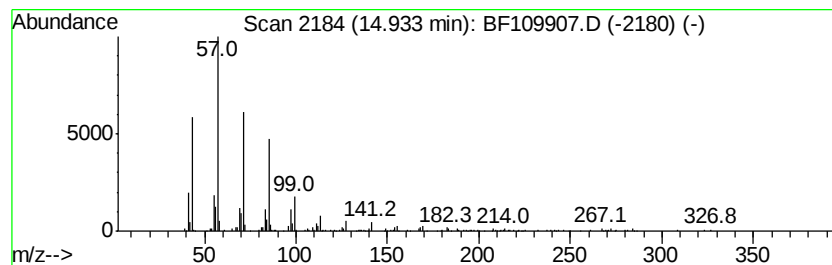
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	2.42 ng	252298	Perylene-d12	15.69

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Heneicosane		296	C21H44	000629-94-7	90
3	Docosane, 11-butyl-		366	C26H54	013475-76-8	90
4	Hexadecane		226	C16H34	000544-76-3	80
5	Tetracosane		338	C24H50	000646-31-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
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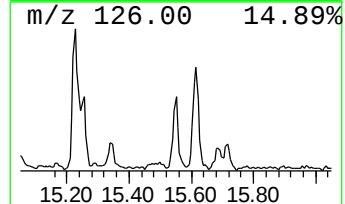
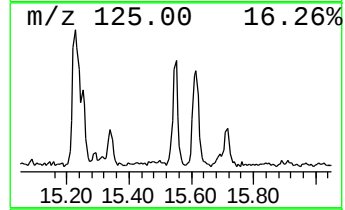
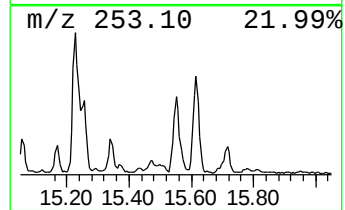
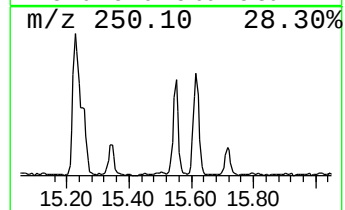
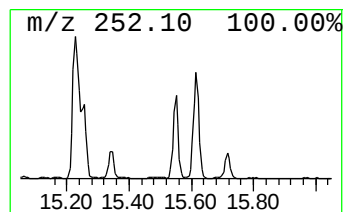
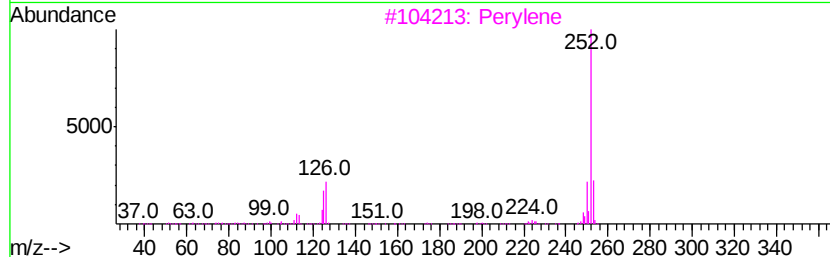
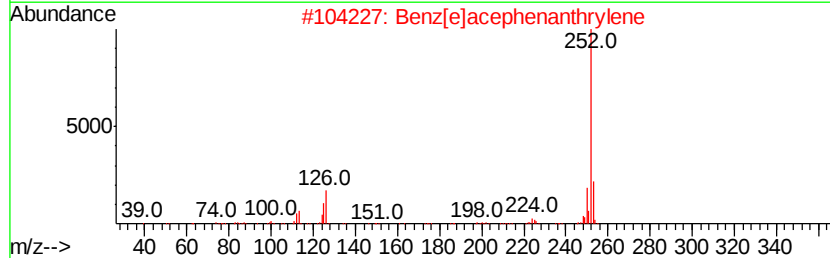
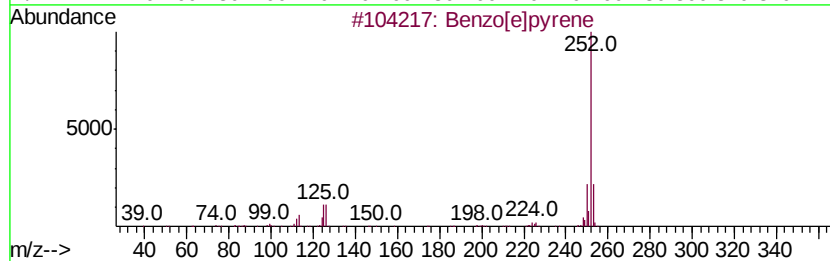
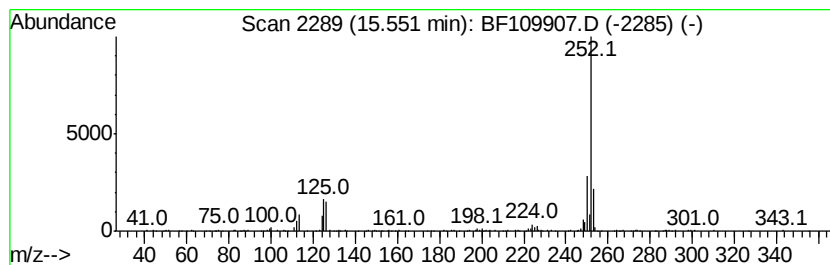
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	2.96 ng	308329	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
3		Perylene	252	C20H12	000198-55-0	97
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109907.D
Acq On : 16 Oct 2018 16:06
Operator : JU/SJ
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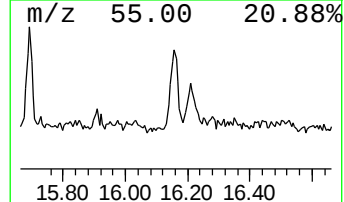
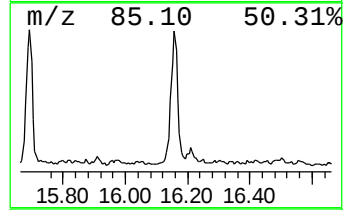
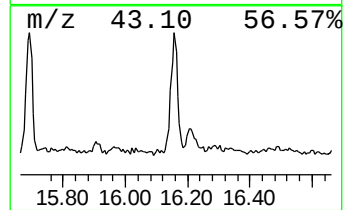
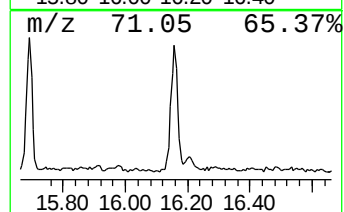
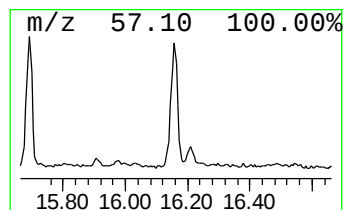
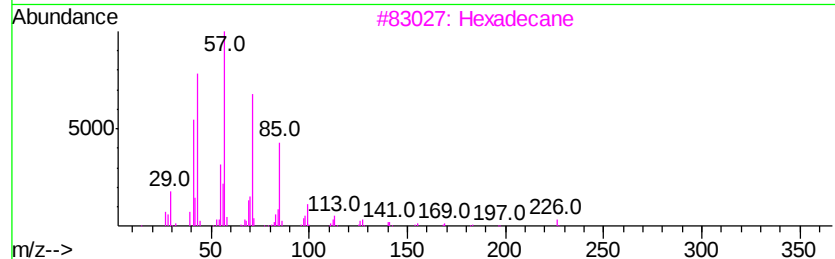
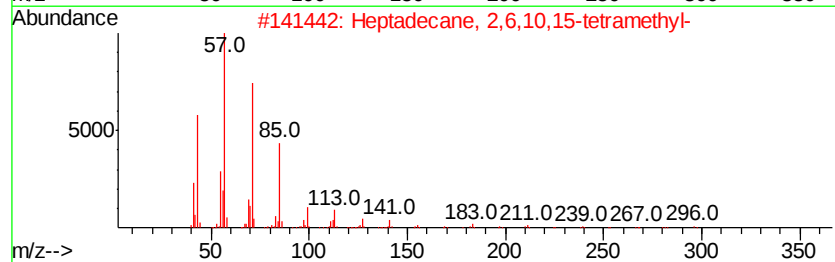
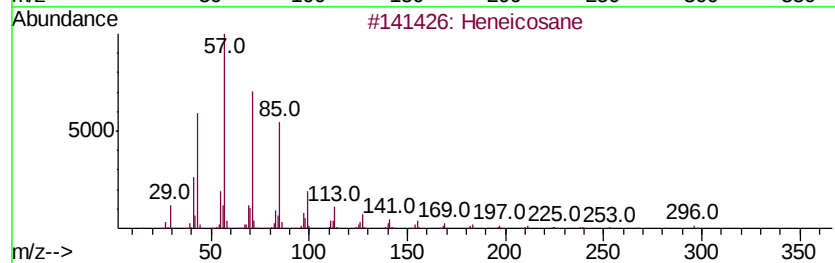
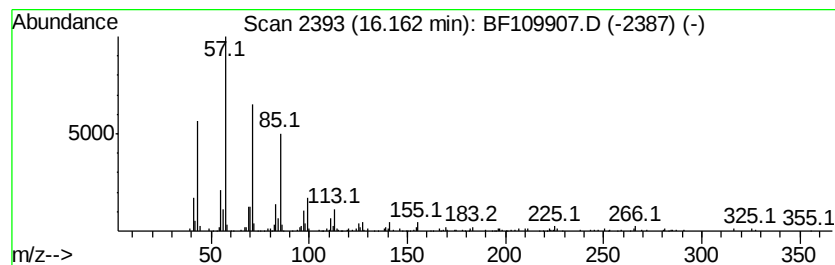
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	3.39 ng	352906	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Docosane	310	C22H46	000629-97-0	87
5		Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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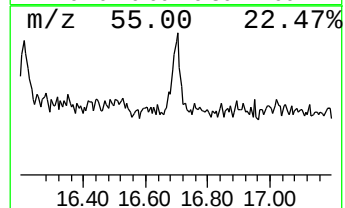
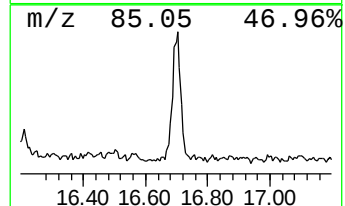
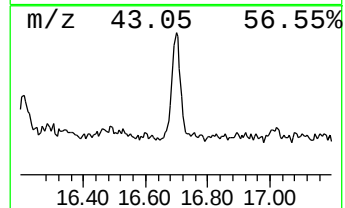
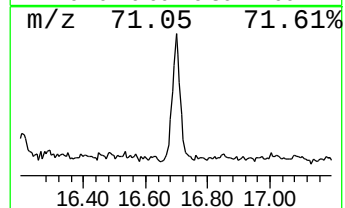
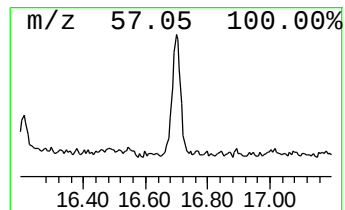
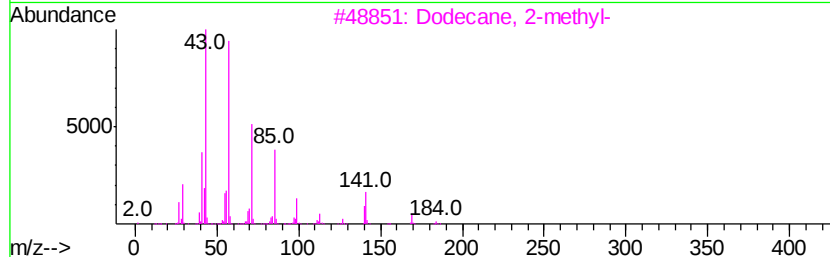
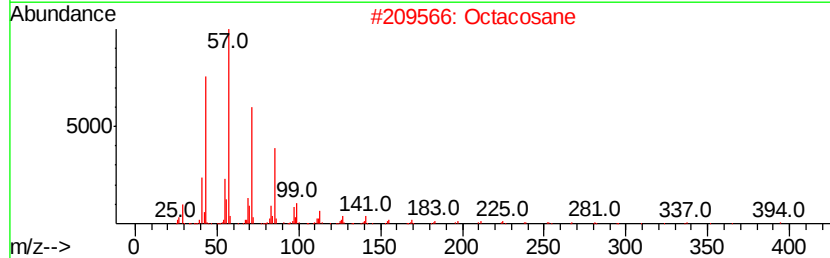
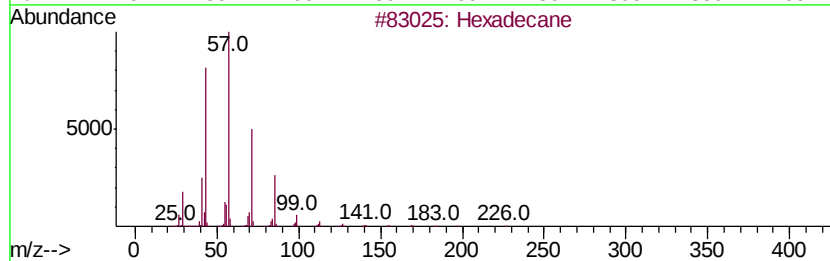
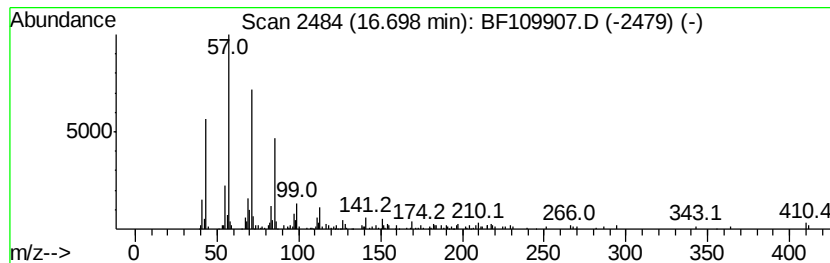
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	2.22 ng	230931	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Octacosane	394	C28H58	000630-02-4	90
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101618\
Data File : BF109907.D
Acq On : 16 Oct 2018 16:06
Operator : JU/SJ
Sample : J5526-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-4A-C-101518-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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
Butane, 2-methoxy...	2.33	16.9	ng	1219790	1	6.98	1440310	20.0
Propylene Glycol	3.59	2.2	ng	156149	1	6.98	1440310	20.0
2-Pentanone, 4-hy...	5.23	4.3	ng	309004	1	6.98	1440310	20.0
unknown6.75	6.75	89.6	ng	6449970	1	6.98	1440310	20.0
n-Hexadecanoic acid	12.02	2.4	ng	147838	4	11.51	1257160	20.0
Pentafluoropropio...	13.97	6.4	ng	661202	5	14.16	2057770	20.0
Tetradecane, 2,6,...	14.61	2.4	ng	247613	5	14.16	2057770	20.0
Heptacosane	14.93	2.4	ng	252298	6	15.69	2081230	20.0
Benzo[e]pyrene	15.55	3.0	ng	308329	6	15.69	2081230	20.0
Heneicosane	16.16	3.4	ng	352906	6	15.69	2081230	20.0
Hexadecane	16.70	2.2	ng	230931	6	15.69	2081230	20.0