

Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
 Data File : BF103361.D
 Acq On : 2 Mar 2018 12:51
 Operator : SJ/JU
 Sample : J1402-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-022818-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:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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	2.134	3	8	17	rVB	162949	231620	7.90%	0.741%
2	5.104	511	513	522	rBV	70810	97037	3.31%	0.310%
3	5.498	576	580	599	rBV	2747825	2931440	100.00%	9.377%
4	6.145	687	690	693	rVB	74812	62223	2.12%	0.199%
5	6.510	748	752	771	rBV	2624665	2845242	97.06%	9.101%
6	6.645	771	775	787	rVB	2965536	2756492	94.03%	8.817%
7	6.875	810	814	821	rBV	1114671	925925	31.59%	2.962%
8	7.028	836	840	844	rBV	2178407	2034681	69.41%	6.508%
9	7.439	906	910	928	rBV	1900152	1880897	64.16%	6.017%
10	8.157	1028	1032	1052	rVB	1241420	1267701	43.24%	4.055%
11	9.233	1211	1215	1224	rBV	2545182	2685657	91.62%	8.591%
12	9.298	1224	1226	1229	rVB	42807	40671	1.39%	0.130%
13	9.628	1276	1282	1289	rBV	136870	179907	6.14%	0.575%
14	9.833	1313	1317	1321	rBV	120381	107401	3.66%	0.344%
15	9.916	1327	1331	1340	rBV	1361780	1280893	43.70%	4.097%
16	10.328	1399	1401	1404	rVB	167495	128961	4.40%	0.413%
17	10.363	1404	1407	1414	rVB5	24243	31828	1.09%	0.102%
18	10.551	1434	1439	1441	rBV	49985	54581	1.86%	0.175%
19	10.710	1462	1466	1475	rBV	1377881	1473318	50.26%	4.713%
20	10.804	1479	1482	1488	rVB	129583	134870	4.60%	0.431%
21	10.957	1504	1508	1512	rVB	39912	38981	1.33%	0.125%
22	11.251	1555	1558	1561	rBV	63217	54783	1.87%	0.175%
23	11.410	1581	1585	1587	rBV	1136634	1071189	36.54%	3.426%
24	11.433	1587	1589	1593	rVV	303148	279845	9.55%	0.895%
25	11.486	1596	1598	1602	rVB	42001	43472	1.48%	0.139%
26	11.922	1668	1672	1681	rBV2	332430	454479	15.50%	1.454%
27	12.027	1686	1690	1692	rBV	52518	54840	1.87%	0.175%
28	12.245	1724	1727	1731	rVB3	43496	44524	1.52%	0.142%
29	12.469	1761	1765	1767	rBV3	24311	33813	1.15%	0.108%
30	12.627	1788	1792	1800	rBV	586750	562024	19.17%	1.798%
31	12.716	1803	1807	1814	rBV	448978	527633	18.00%	1.688%
32	12.857	1828	1831	1838	rVB	482429	447334	15.26%	1.431%
33	12.992	1849	1854	1857	rBV	1985616	1782624	60.81%	5.702%
34	13.074	1864	1868	1872	rVB2	30909	46055	1.57%	0.147%

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35	13.186	1879	1887	1893	rBV2	81871	135314	4.62%	0.433%
36	13.251	1895	1898	1901	rVV	55606	50697	1.73%	0.162%
37	13.292	1901	1905	1912	rVB3	37433	63126	2.15%	0.202%
38	13.427	1923	1928	1930	rBV4	55843	67486	2.30%	0.216%
39	13.668	1966	1969	1972	rBV2	30772	33056	1.13%	0.106%
40	13.774	1984	1987	1990	rBV4	29744	36988	1.26%	0.118%
41	13.810	1990	1993	1995	rVV	57843	47843	1.63%	0.153%
42	13.874	1999	2004	2009	rBV3	113991	167155	5.70%	0.535%
43	14.063	2030	2036	2038	rBV2	768859	986296	33.65%	3.155%
44	14.086	2038	2040	2048	rVB	262128	258523	8.82%	0.827%
45	14.168	2051	2054	2057	rVB	39730	32996	1.13%	0.106%
46	14.451	2097	2102	2106	rBV3	50230	81987	2.80%	0.262%
47	14.968	2186	2190	2194	rBV2	156714	170186	5.81%	0.544%
48	15.127	2212	2217	2220	rBV	241327	393050	13.41%	1.257%
49	15.151	2220	2221	2225	rVV2	159930	169239	5.77%	0.541%
50	15.192	2225	2228	2233	rVV3	98423	151446	5.17%	0.484%
51	15.239	2233	2236	2240	rVB	53193	64648	2.21%	0.207%
52	15.439	2266	2270	2276	rVB	149941	184313	6.29%	0.590%
53	15.504	2276	2281	2285	rBV	210594	281425	9.60%	0.900%
54	15.568	2287	2292	2296	rBV	550628	698076	23.81%	2.233%
55	15.757	2321	2324	2329	rVB4	45958	60499	2.06%	0.194%
56	15.992	2360	2364	2369	rVB	80936	118549	4.04%	0.379%
57	17.104	2546	2553	2560	rBV2	127563	277090	9.45%	0.886%
58	17.568	2627	2632	2640	rVB	66969	139272	4.75%	0.445%

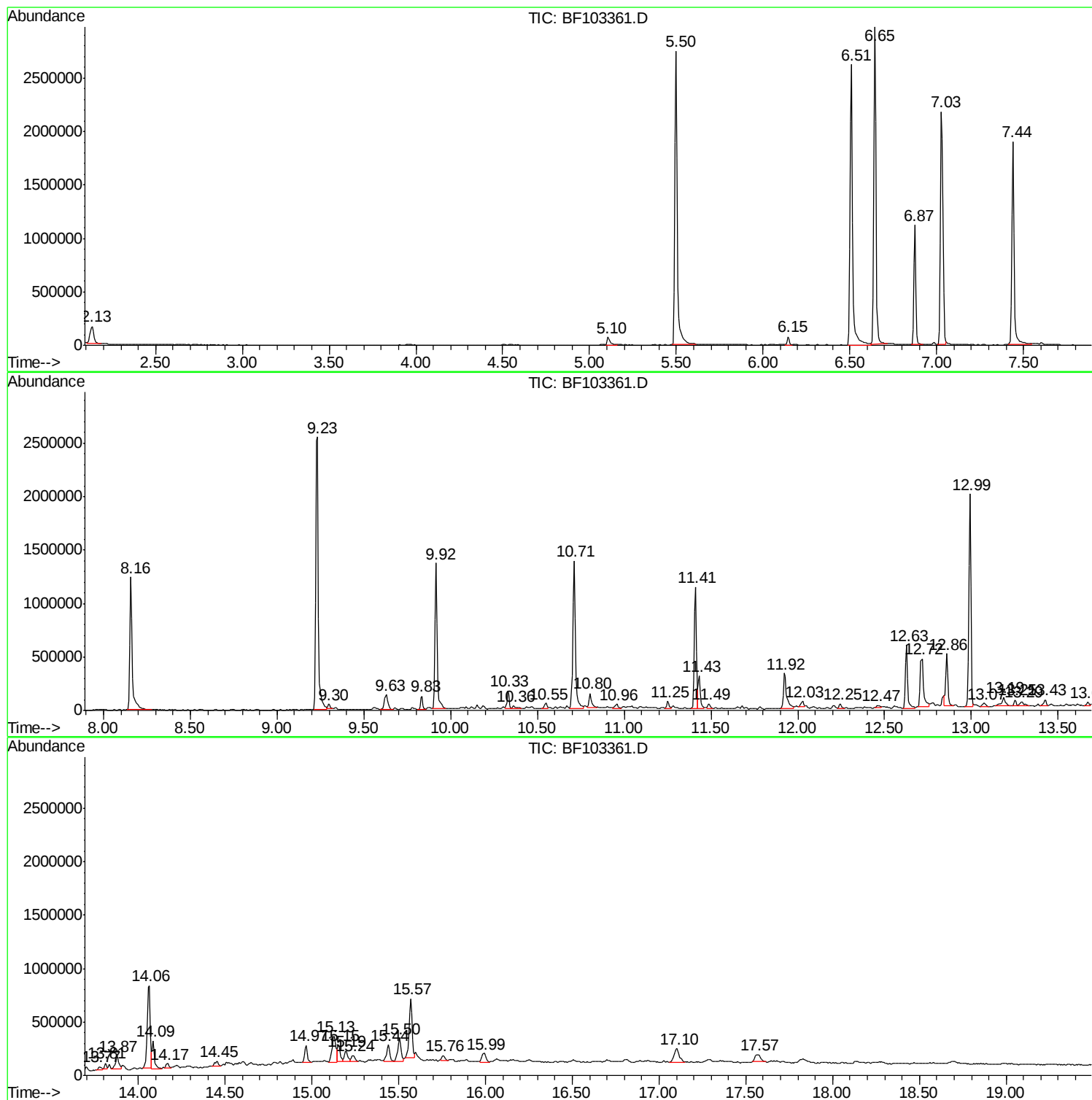
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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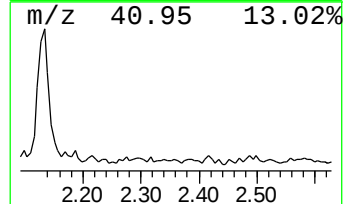
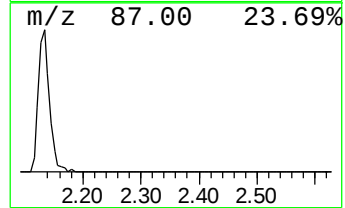
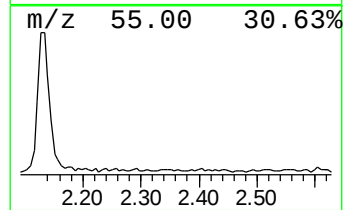
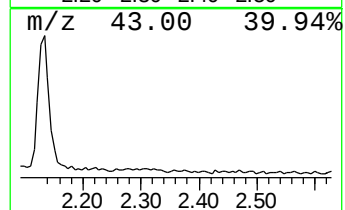
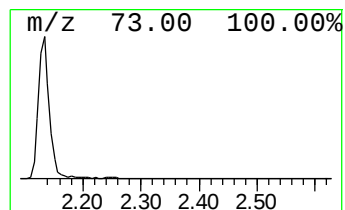
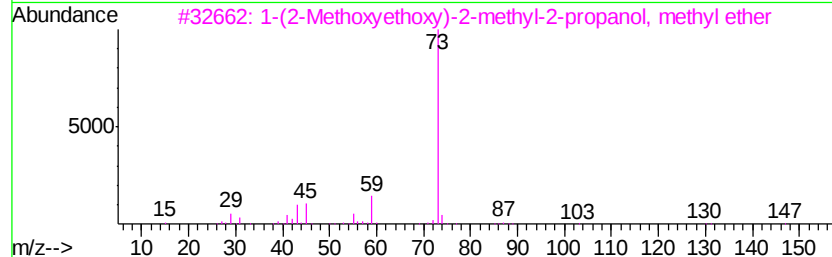
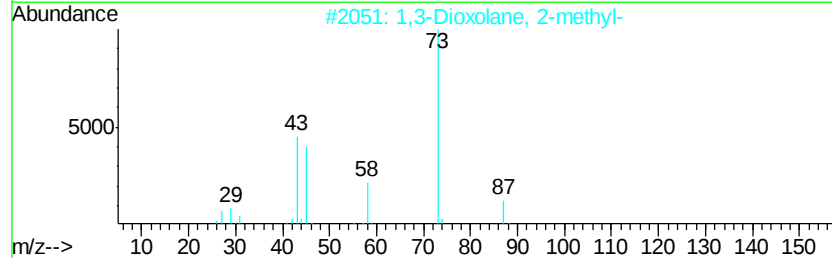
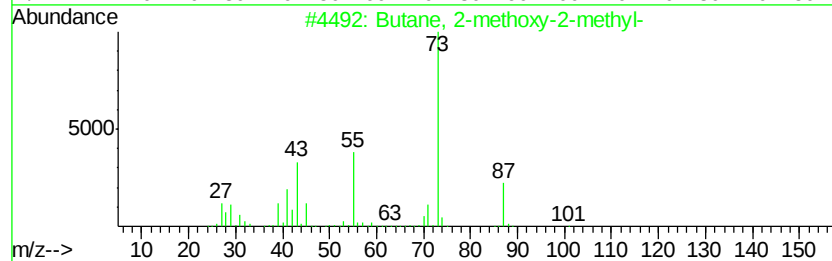
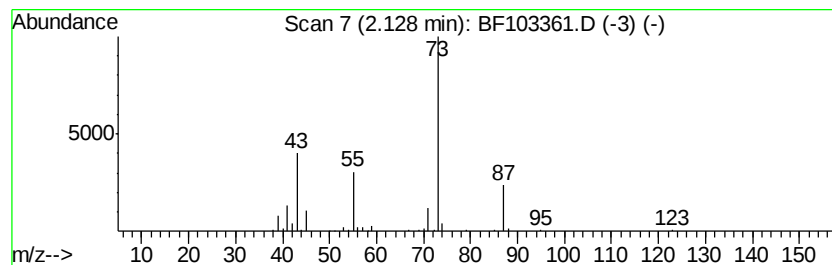
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	5.00 ng	231620	1,4-Dichlorobenzene-d4	6.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3		1-(2-Methoxyethoxy)-2-methyl-2-propanol, methyl ether	162	C8H18O3	1000364-24-4	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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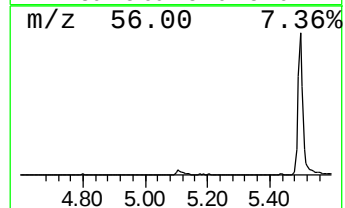
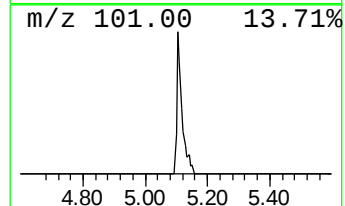
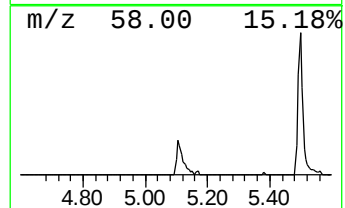
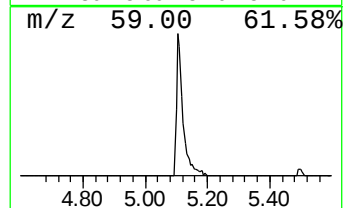
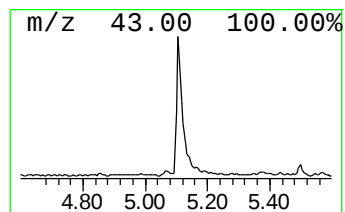
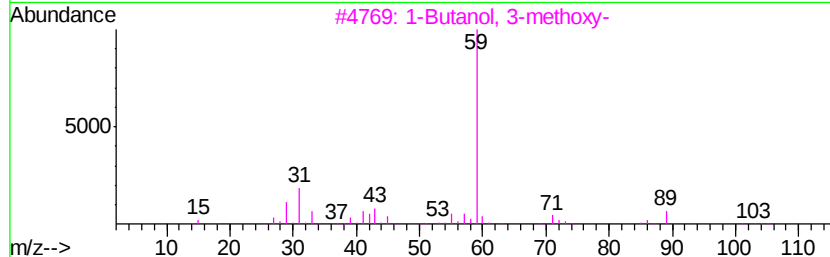
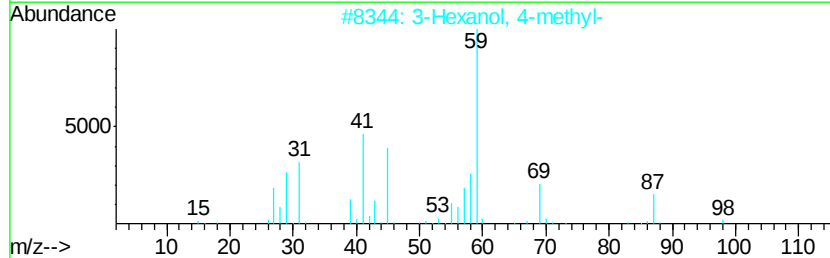
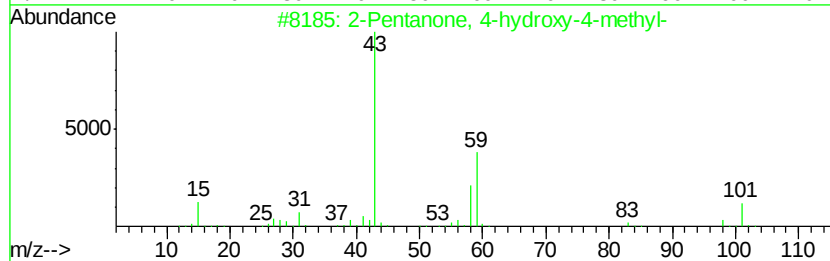
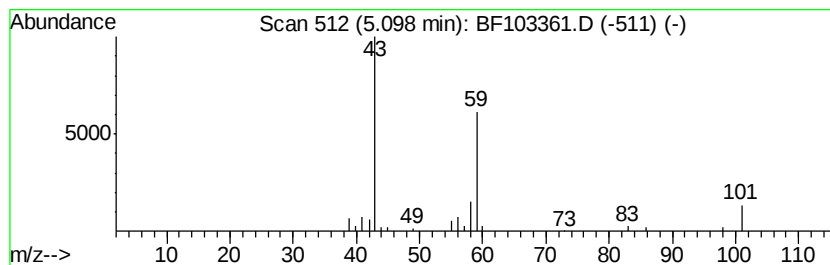
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	2.10 ng	97037	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3			1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	23
4			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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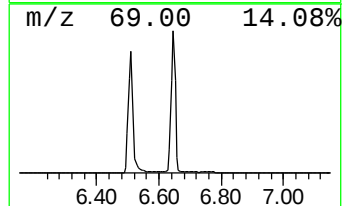
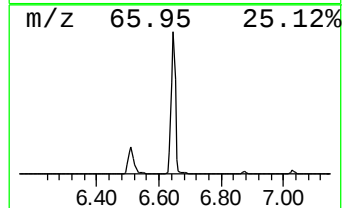
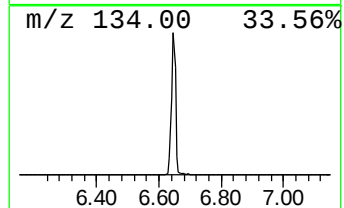
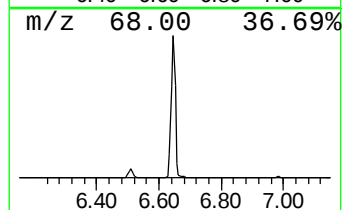
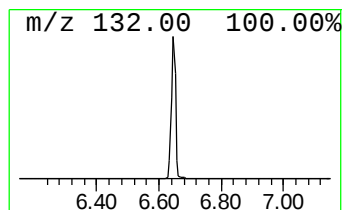
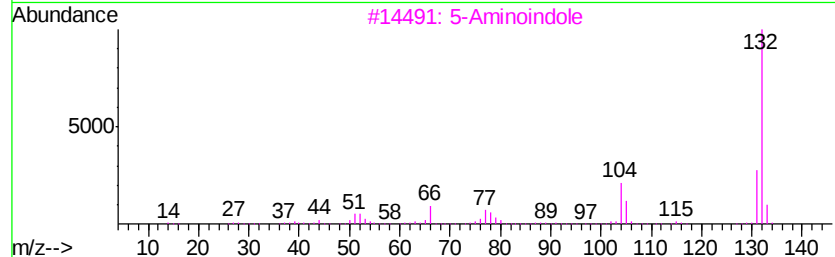
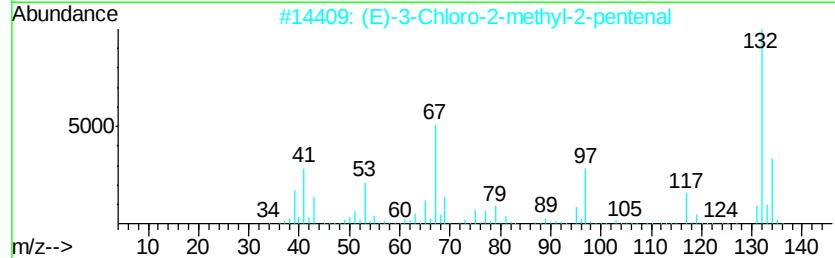
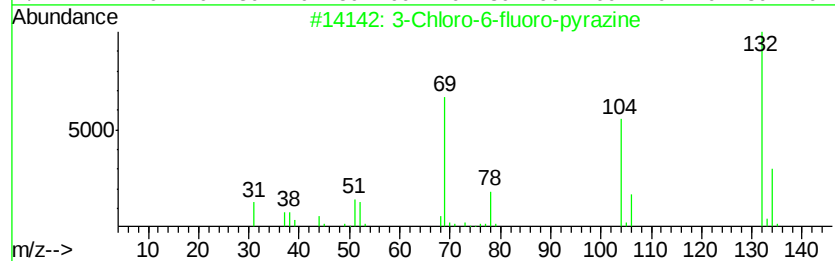
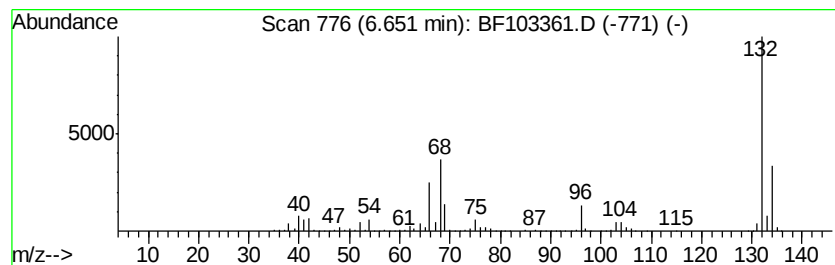
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Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	59.54 ng	2756490	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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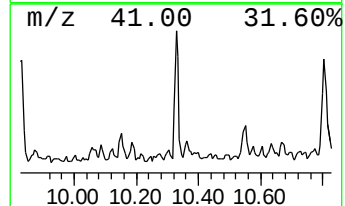
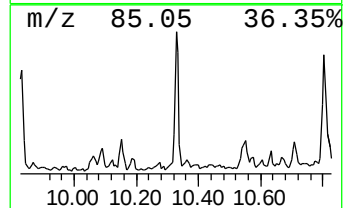
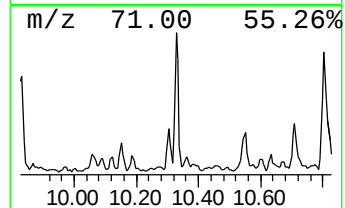
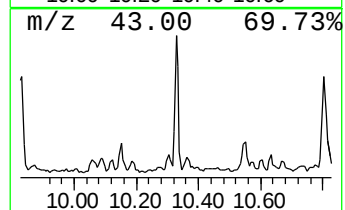
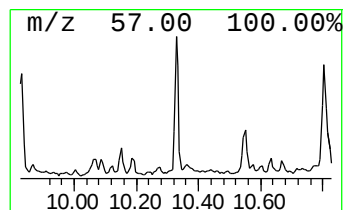
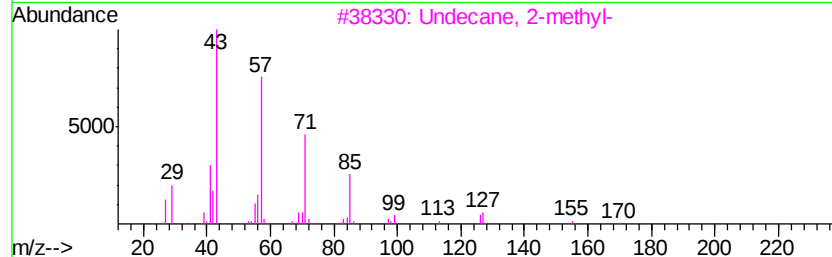
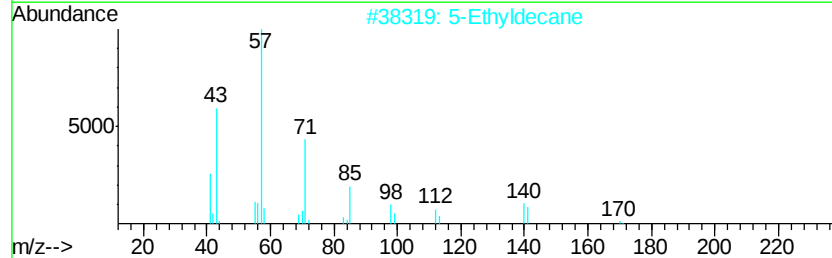
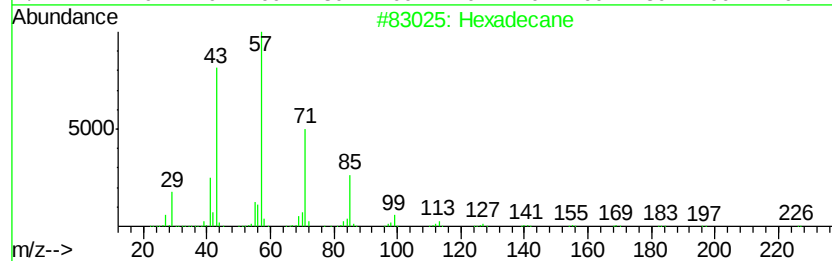
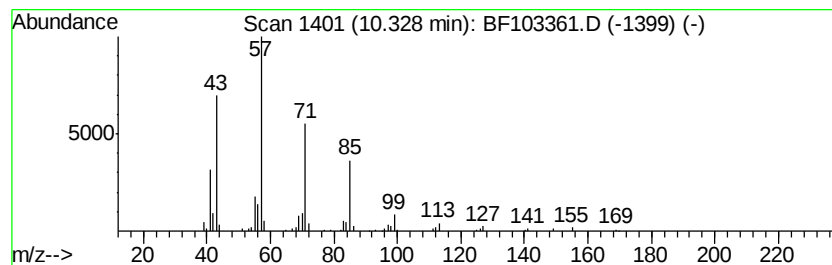
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Peak Number 5 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.01 ng	128961	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	90
2	5-Ethyldecane	170 C12H26	017302-36-2	87
3	Undecane, 2-methyl-	170 C12H26	007045-71-8	81
4	Nonane, 5-butyl-	184 C13H28	017312-63-9	80
5	Heneicosane	296 C21H44	000629-94-7	78



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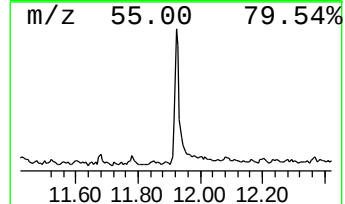
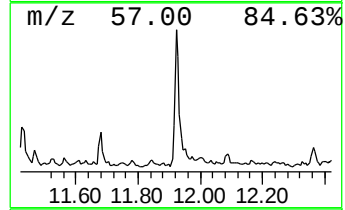
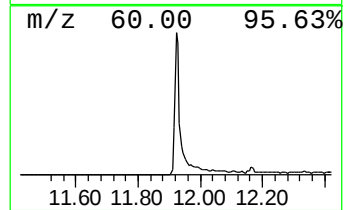
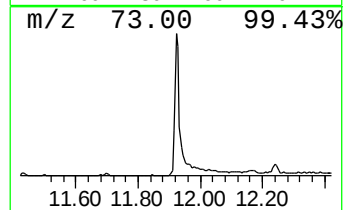
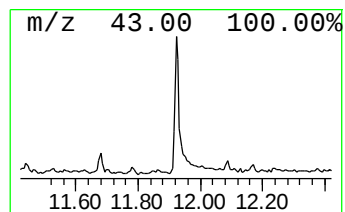
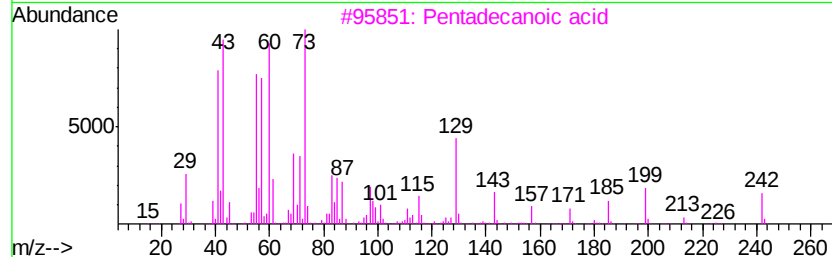
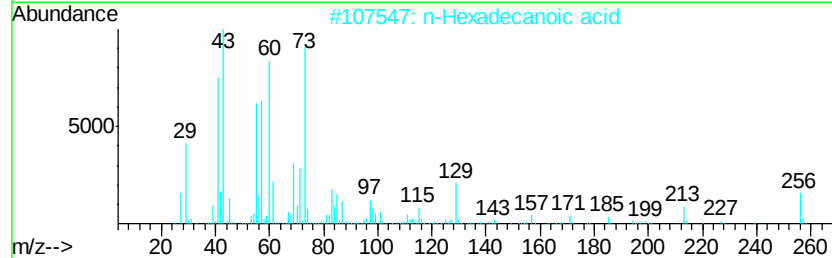
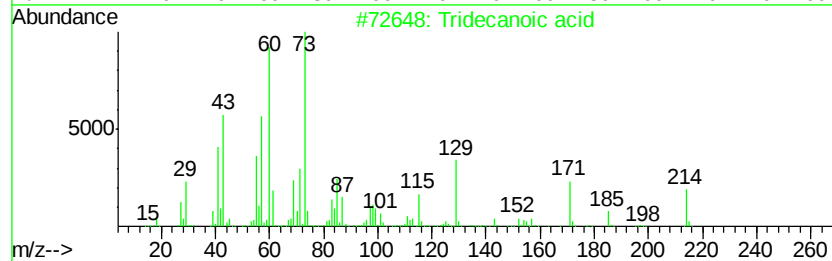
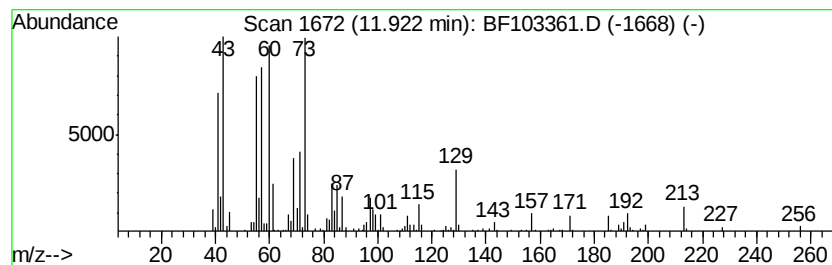
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	8.49 ng	454479	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	72



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103361.D
Acq On : 2 Mar 2018 12:51
Operator : SJ/JU
Sample : J1402-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-022818-A

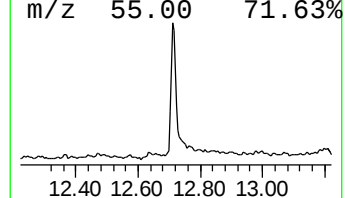
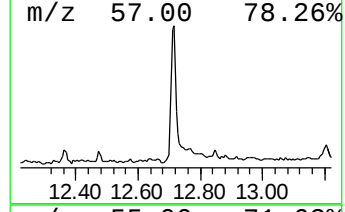
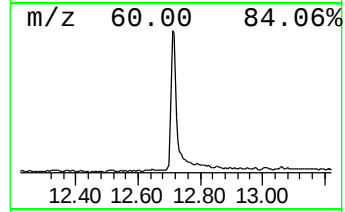
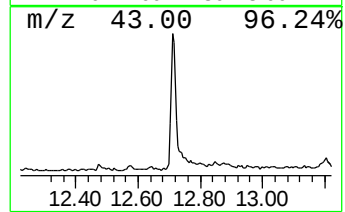
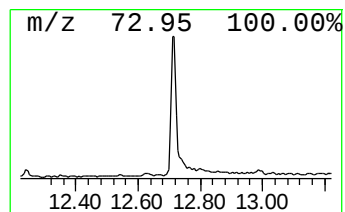
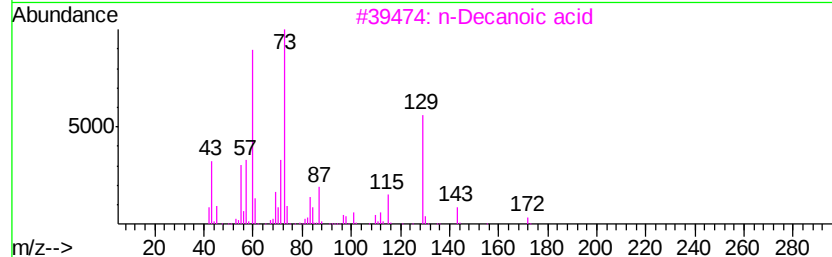
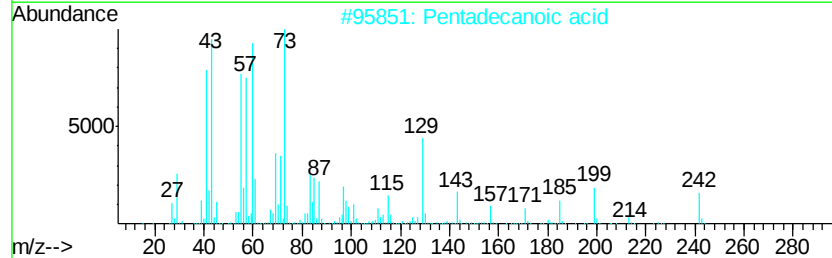
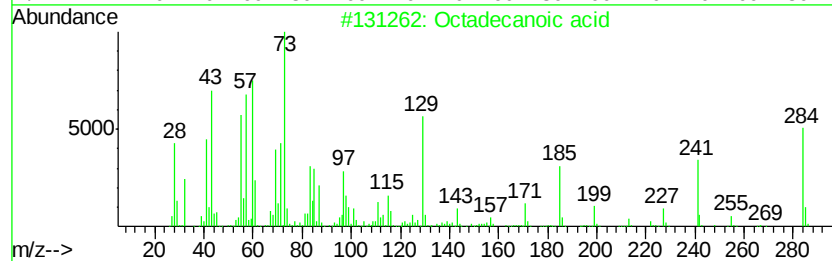
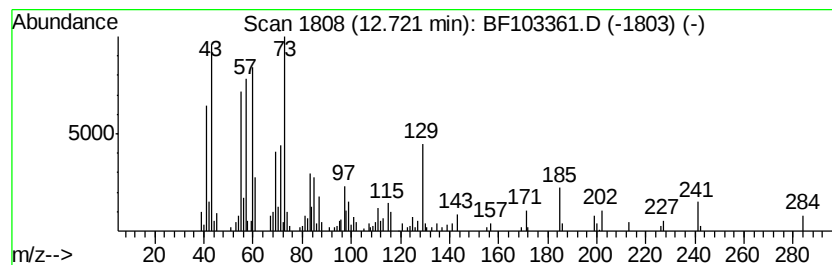
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	9.85 ng	527633	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3		n-Decanoic acid	172	C10H20O2	000334-48-5	92
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	90



Data Path : Z:\HPCHEM1\BNA_F\Data\BF030218\
Data File : BF103361.D
Acq On : 2 Mar 2018 12:51
Operator : SJ/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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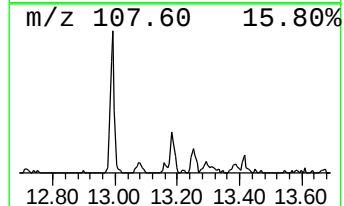
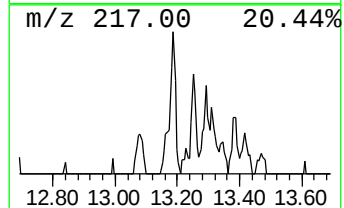
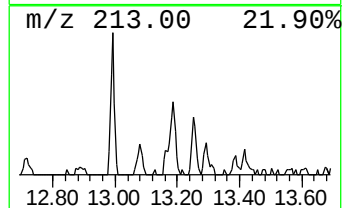
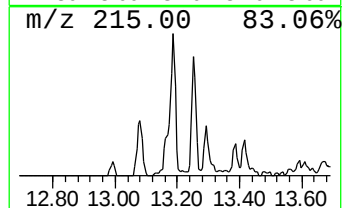
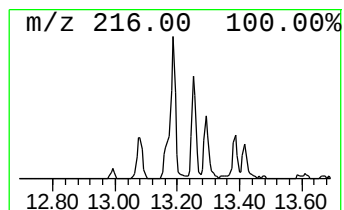
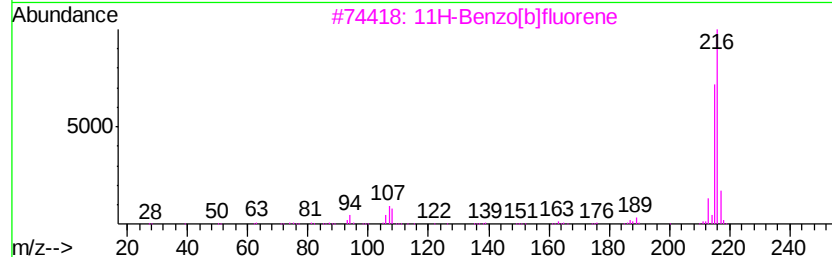
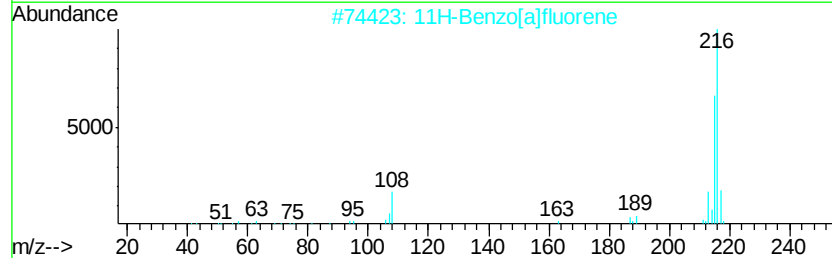
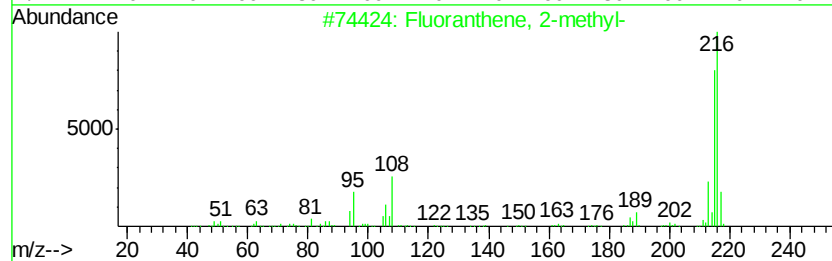
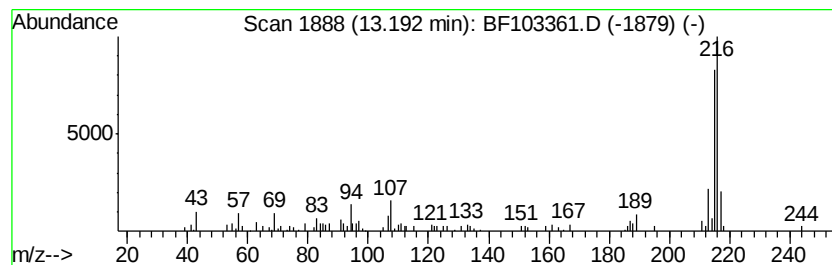
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	2.74 ng	135314	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4		Pvrene, 1-methyl-	216	C17H12	002381-21-7	87
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103361.D
Acq On : 2 Mar 2018 12:51
Operator : SJ/JU
Sample : J1402-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

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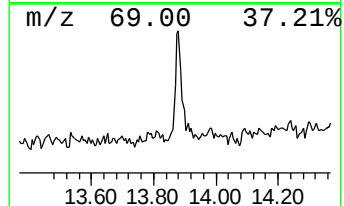
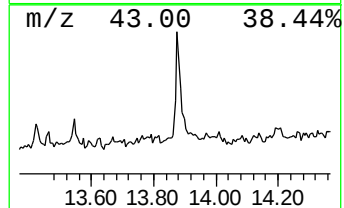
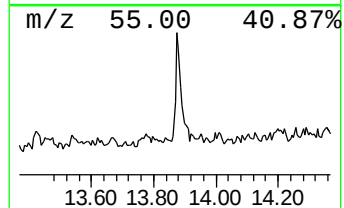
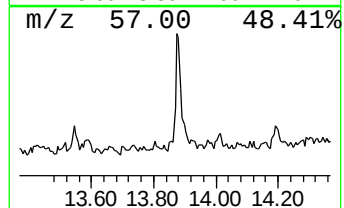
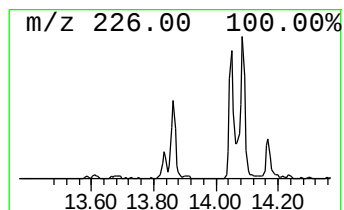
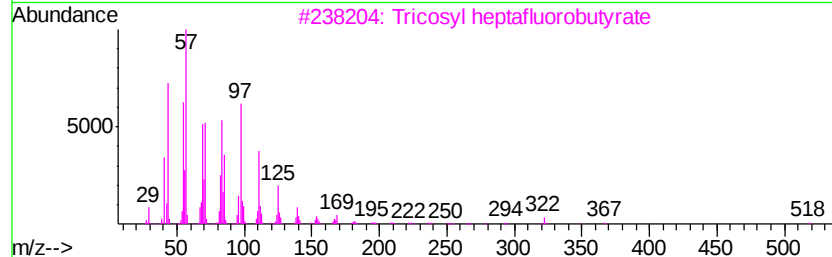
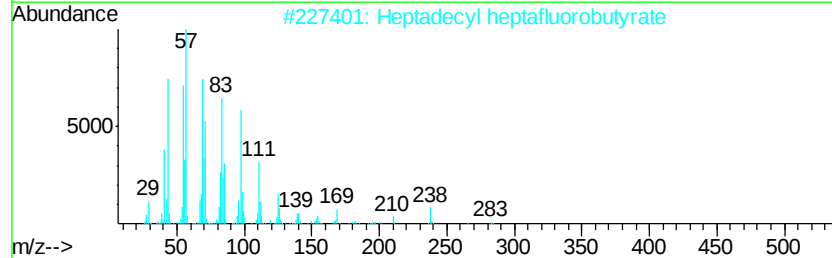
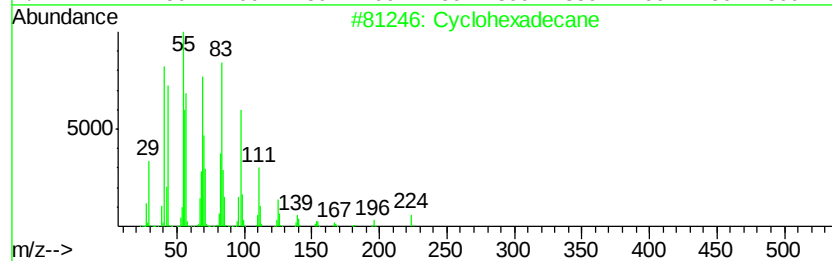
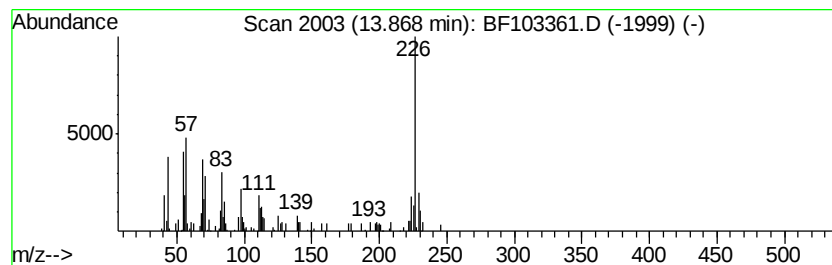
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.39 ng	167155	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	86
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	86
3		Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	70
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	70
5		Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	70



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
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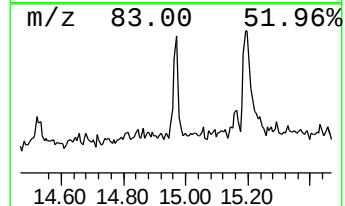
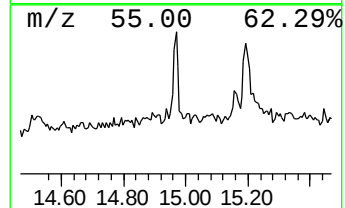
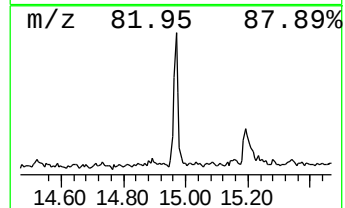
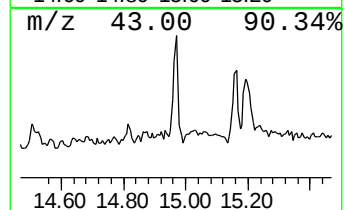
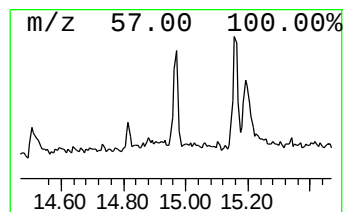
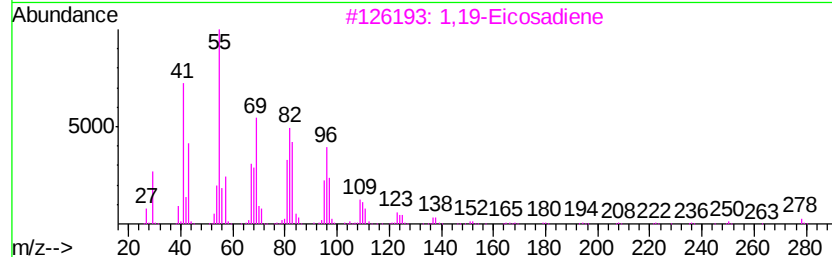
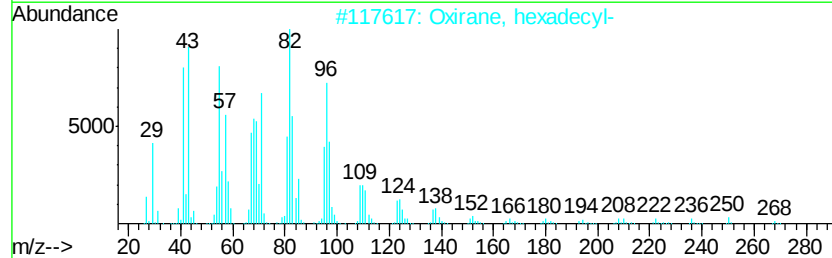
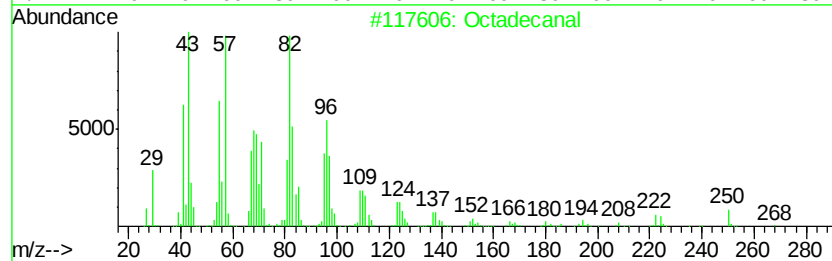
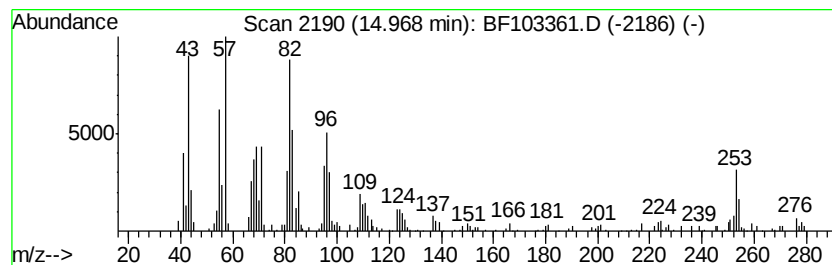
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.97	4.88 ng	170186	Perylene-d12	15.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	96
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
3	1,19-Eicosadiene	278	C20H38	014811-95-1	93
4	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	89
5	16-Heptadecenal	252	C17H32O	1000144-57-9	83



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103361.D
Acq On : 2 Mar 2018 12:51
Operator : SJ/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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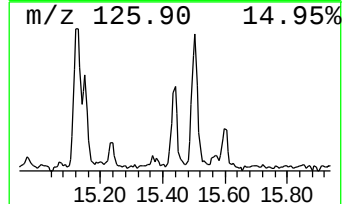
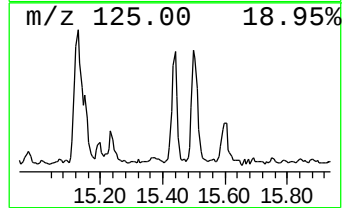
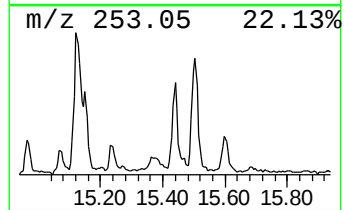
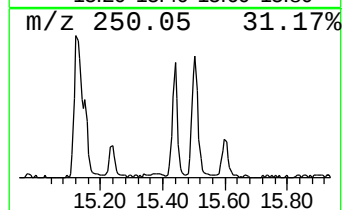
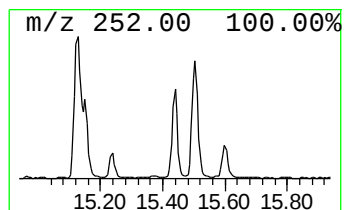
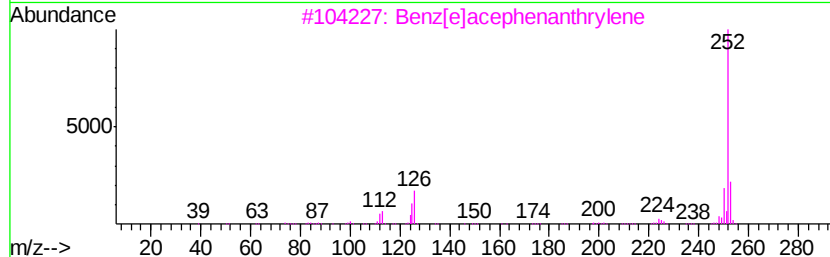
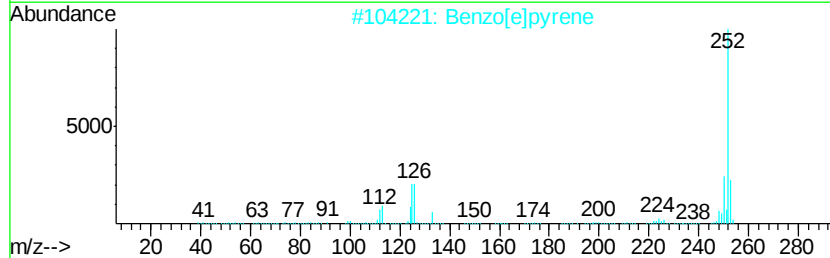
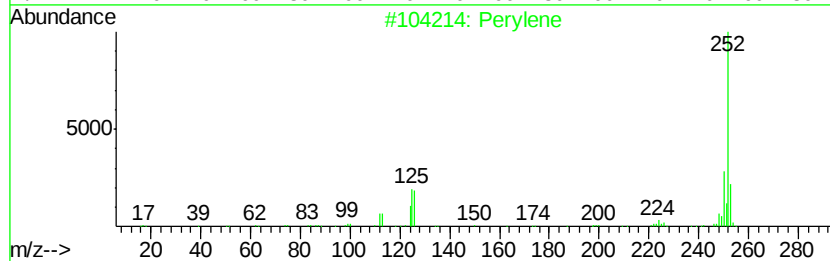
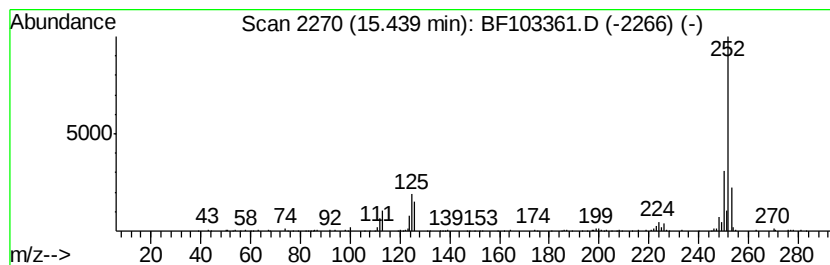
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	5.28 ng	184313	Perylene-d12	15.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Perylene	252	C20H12	000198-55-0	98
2		Benzo[el]pyrene	252	C20H12	000192-97-2	97
3		Benzo[el]acephenanthrylene	252	C20H12	000205-99-2	96
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	96
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\HPCHEM1\BNA_F\Data\BF030218\
Data File : BF103361.D
Acq On : 2 Mar 2018 12:51
Operator : SJ/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
PL-01-022818-A

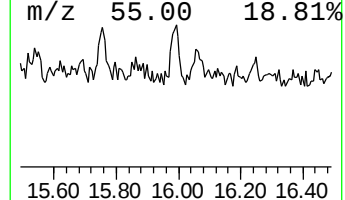
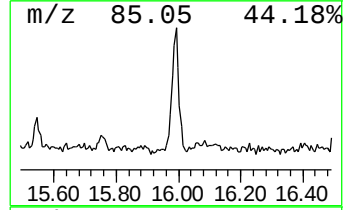
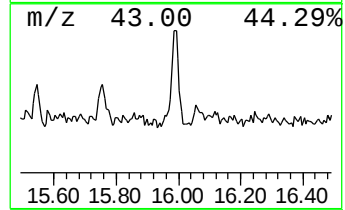
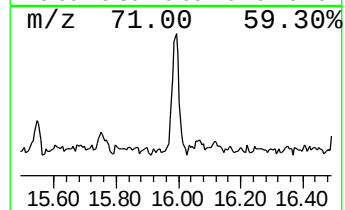
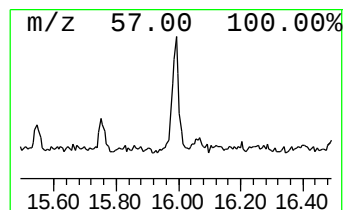
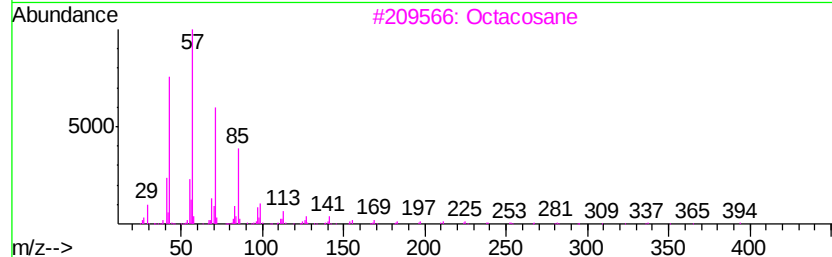
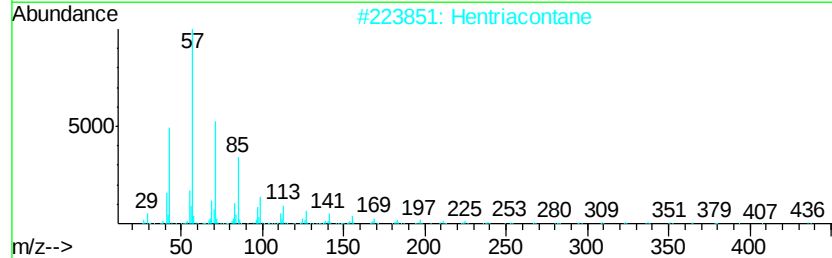
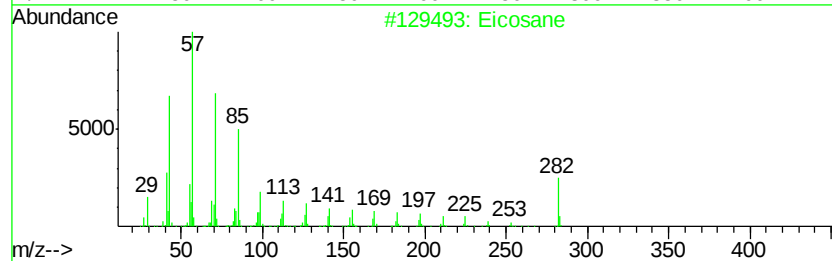
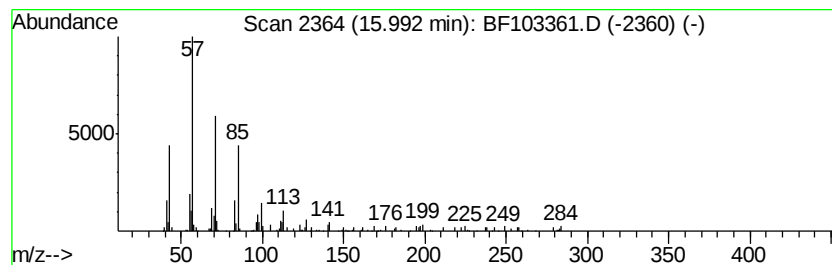
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	3.40 ng	118549	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Hentriacontane	437	C31H64	000630-04-6	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Pentacosane	352	C25H52	000629-99-2	87
5		Triacontane	422	C30H62	000638-68-6	87



Data Path : Z:\HPCHEM1\BNA_F\Data\BF030218\
Data File : BF103361.D
Acq On : 2 Mar 2018 12:51
Operator : SJ/JU
Sample : J1402-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-022818-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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...	2.13	5.0 ng		231620	1	6.87	925925	20.0
2-Pentanone, 4-hy...	5.10	2.1 ng		97037	1	6.87	925925	20.0
unknown6.65	6.65	59.5 ng		2756490	1	6.87	925925	20.0
Hexadecane	10.33	2.0 ng		128961	3	9.92	1280890	20.0
Tridecanoic acid	11.92	8.5 ng		454479	4	11.41	1071190	20.0
Octadecanoic acid	12.72	9.8 ng		527633	4	11.41	1071190	20.0
Fluoranthene, 2-m...	13.19	2.7 ng		135314	5	14.06	986296	20.0
Cyclohexadecane	13.87	3.4 ng		167155	5	14.06	986296	20.0
Octadecanal	14.97	4.9 ng		170186	6	15.57	698076	20.0
Perylene	15.44	5.3 ng		184313	6	15.57	698076	20.0
Eicosane	15.99	3.4 ng		118549	6	15.57	698076	20.0