LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109444.D
Acq On : 28 Sep 2018 21:37
Operator : JU/SJ
Sample : J5100-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-STONE-RO-227

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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	4.910	476	480	489	rBV	57845	76149	3.66%	0.371%
2	5.328	546	551	554	rBV	1951627	1950818	93.87%	9.502%
3	6.351	720	725	728	rBV	2093842	2078103	100.00%	10.122%
4	6.481	742	747	750	rBV	2393446	2029029	97.64%	9.883%
5	6.710	782	786	789	rBV	846707	658523	31.69%	3.207%
6	6.869	808	813	816	rBV	1808793	1626726	78.28%	7.923%
7	7.269	876	881	884	rBV	1373532	1204785	57.98%	5.868%
8	7.992	1000	1004	1007	rBV	846956	749894	36.09%	3.652%
9	9.069	1182	1187	1190	rBV	2204178	2031896	97.78%	9.897%
10	9.457	1250	1253	1259	rBV	507503	417748	20.10%	2.035%
11	9.739	1297	1301	1305	rBV	844204	691700	33.29%	3.369%
12	10.522	1430	1434	1441	rBV	1027073	1010820	48.64%	4.923%
13	11.216	1549	1552	1555	rBV	775859	659303	31.73%	3.211%
14	11.239	1555	1556	1559	rVV	152357	85445	4.11%	0.416%
15	11.292	1559	1565	1568	rVB	38030	37839	1.82%	0.184%
16	11.751	1640	1643	1647	rBV2	86812	88484	4.26%	0.431%
17	11.827	1653	1656	1659	rBV	35146	35291	1.70%	0.172%
18	12.421	1754	1757	1761	rBV	240499	212595	10.23%	1.035%
19	12.651	1790	1796	1799	rBV	212075	213355	10.27%	1.039%
20	12.686	1799	1802	1804	rVV2	28560	23120	1.11%	0.113%
21	12.798	1817	1821	1825	rVB	1928599	1658722	79.82%	8.079%
22	12.874	1829	1834	1836	rBV2	18316	24020	1.16%	0.117%
23	12.980	1849	1852	1856	rVB	37049	35369	1.70%	0.172%
24	13.045	1859	1863	1865	rVB	54790	51383	2.47%	0.250%
25	13.080	1865	1869	1872	rBV	27540	31817	1.53%	0.155%
26	13.380	1918	1920	1923	rBV	40260	36078	1.74%	0.176%
27	13.486	1935	1938	1945	rVB2	23217	32896	1.58%	0.160%
28	13.592	1953	1956	1959	rBV3	23499	24751	1.19%	0.121%
29	13.710	1973	1976	1983	rVB	142858	171758	8.27%	0.837%
30	13.845	1994	1999	2001	rBV2	688756	690687	33.24%	3.364%
31	13.868	2001	2003	2005	rVB	94713	73978	3.56%	0.360%
32	13.951	2015	2017	2021	rVB2	43423	44464	2.14%	0.217%
33	14.021	2027	2029	2033	rBV2	54985	49283	2.37%	0.240%
34	14.327	2078	2081	2084	rBV2	87124	75977	3.66%	0.370%

LSC Area Percent Report

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Acq On : 28 Sep 2018 21:37
Operator : JU/SJ
Sample : J5100-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-STONE-RO-227

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.621	2128	2131	2138	rVB	114904	121523	5.85%	0.592%
36	14.692	2139	2143	2149	rVV	250179	267958	12.89%	1.305%
37	14.851	2167	2170	2173	rBV	89745	111361	5.36%	0.542%
38	14.933	2181	2184	2190	rVB2	105344	135960	6.54%	0.662%
39	15.133	2215	2218	2223	rVB	48505	63548	3.06%	0.310%
40	15.186	2224	2227	2233	rVV	59693	79679	3.83%	0.388%
41	15.245	2233	2237	2241	rVV	342997	417375	20.08%	2.033%
42	15.286	2241	2244	2252	rVB2	125501	176716	8.50%	0.861%
43	15.692	2309	2313	2321	rVB	115734	169297	8.15%	0.825%
44	16.157	2388	2392	2396	rBV	65151	105030	5.05%	0.512%

Sum of corrected areas: 20531253

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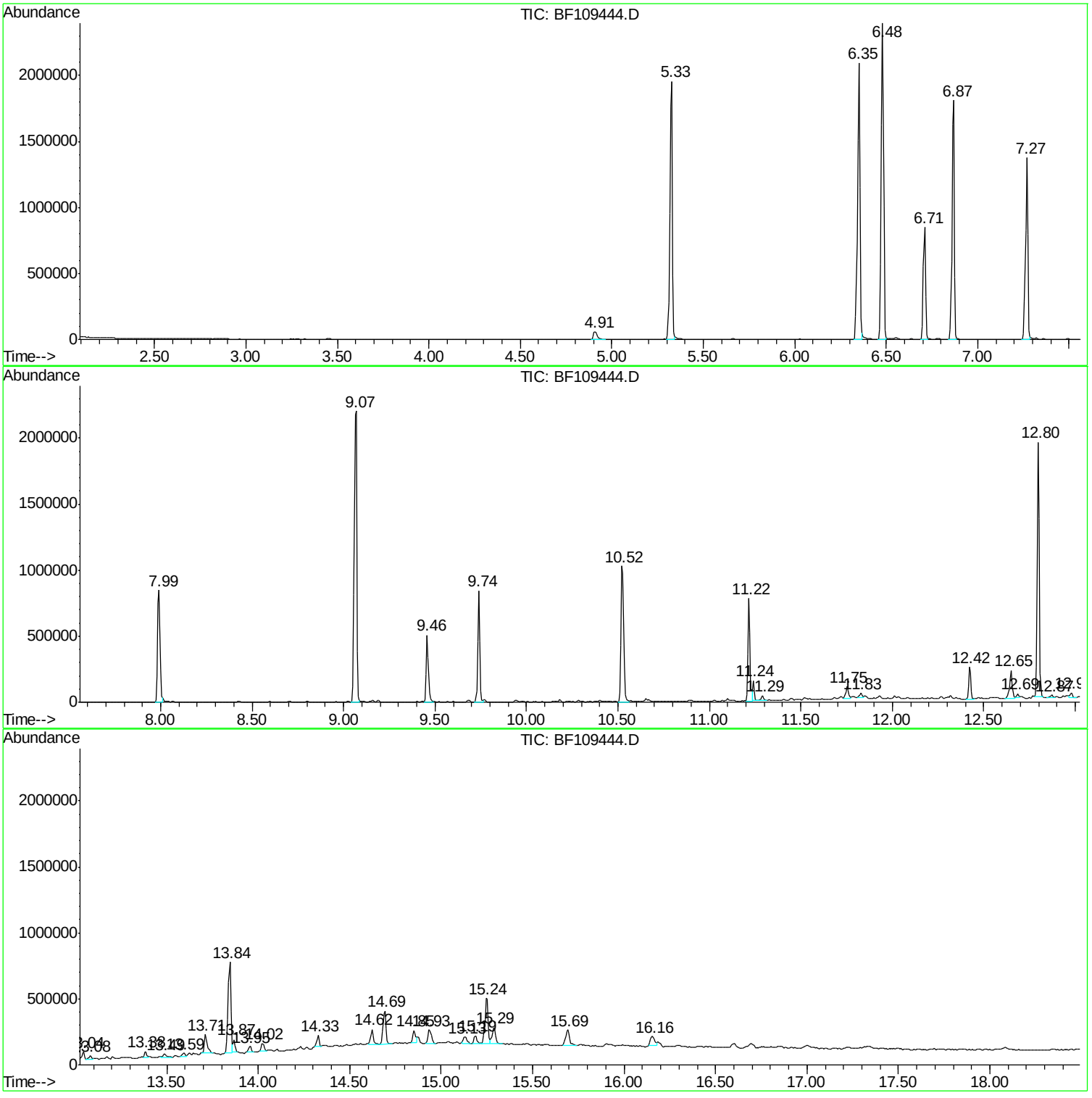
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-STONE-RO-227

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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Acq On : 28 Sep 2018 21:37
Operator : JU/SJ
Sample : J5100-01
Misc :
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Instrument : BNA_F
ClientSampleId : HS-STONE-RO-227

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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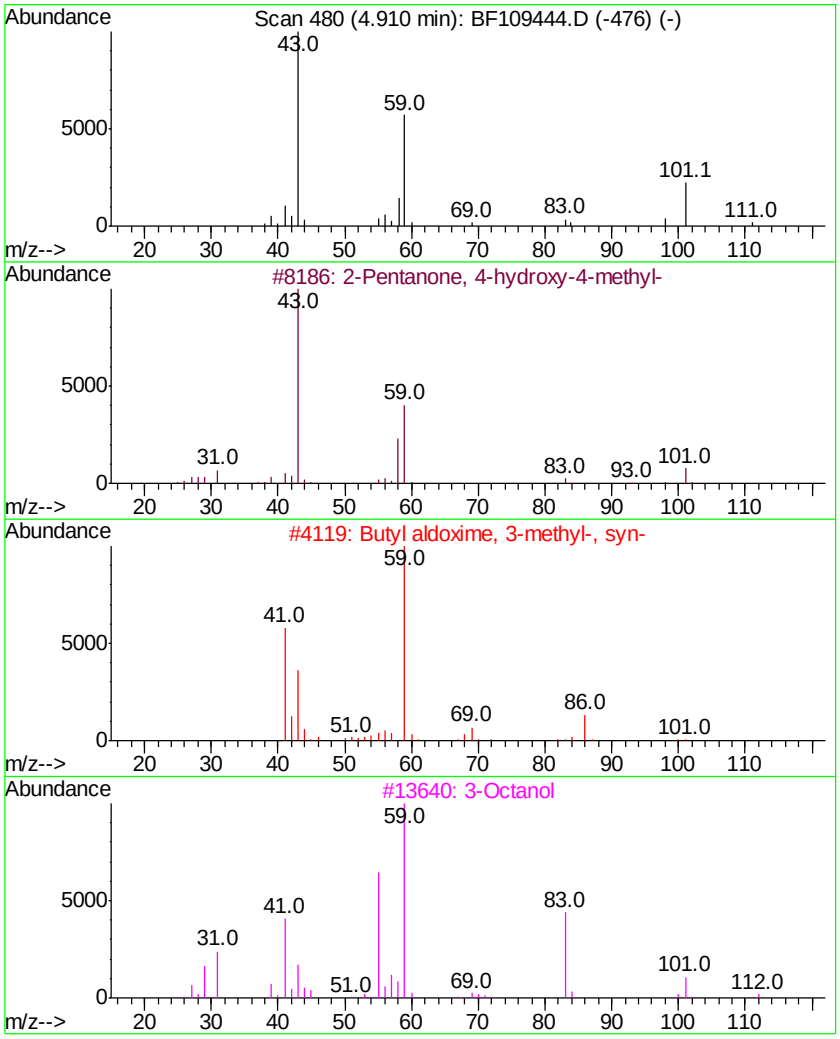
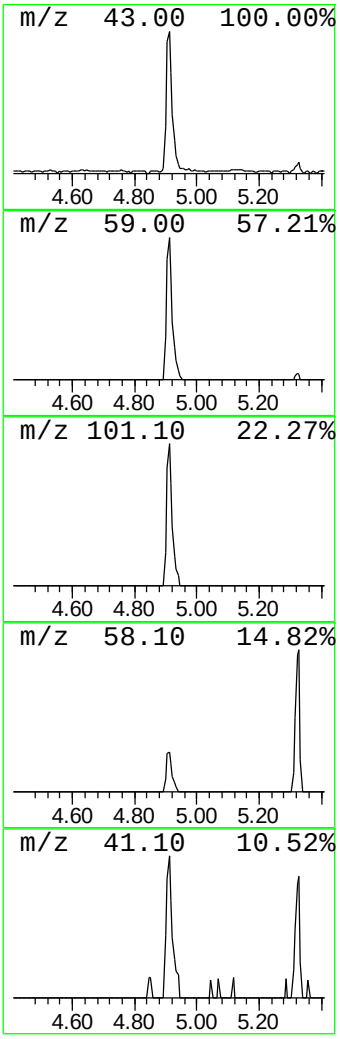
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	2.31 ng	76149	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
3	3-Octanol	130	C8H18O	000589-98-0	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	16





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109444.D
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Operator : JU/SJ
Sample : J5100-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-STONE-RO-227

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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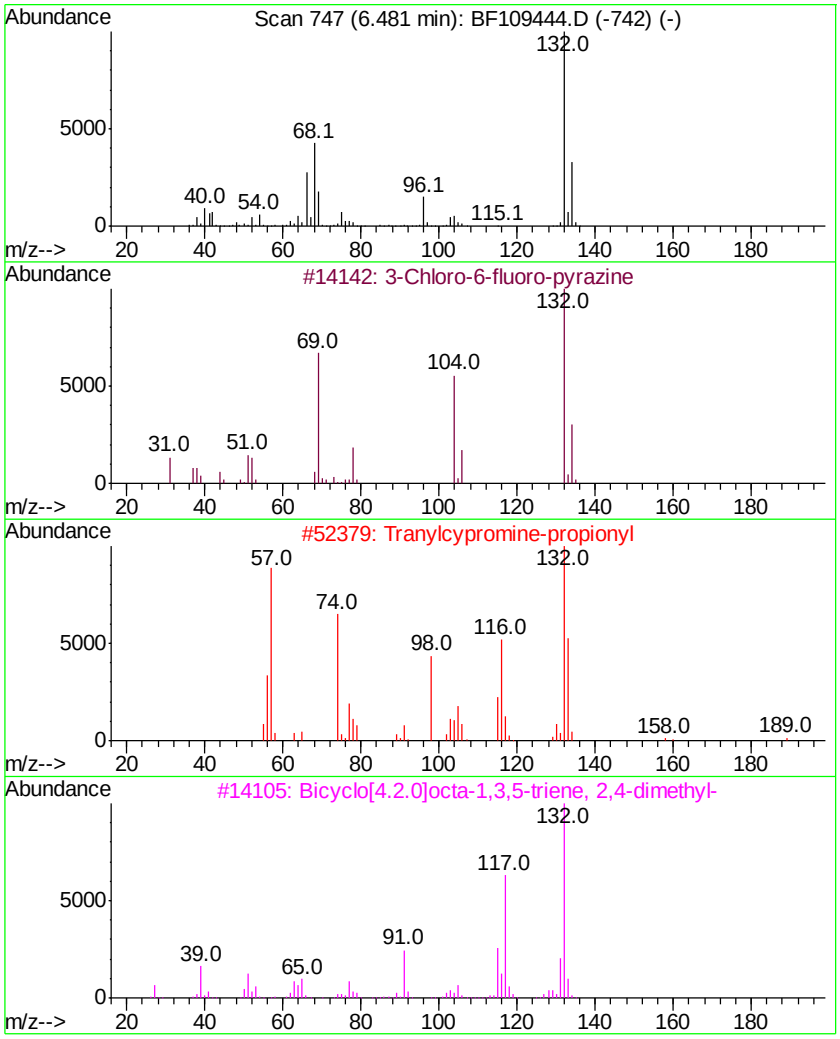
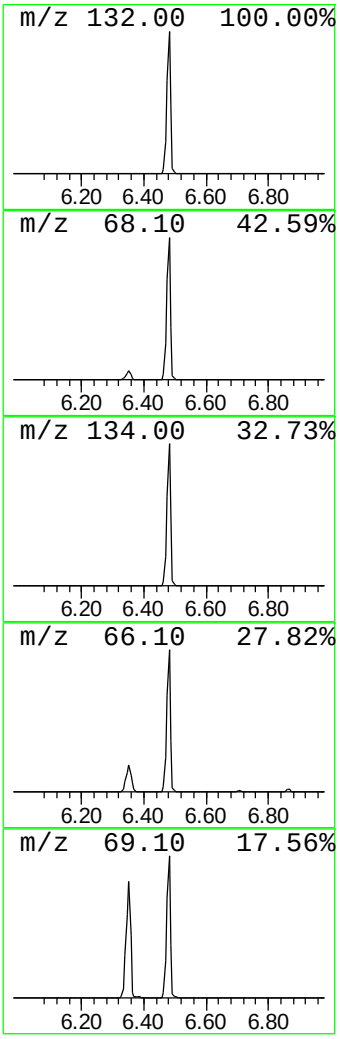
Peak Number 2 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	61.62 ng	2029030	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

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Data File : BF109444.D
Acq On : 28 Sep 2018 21:37
Operator : JU/SJ
Sample : J5100-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-STONE-RO-227

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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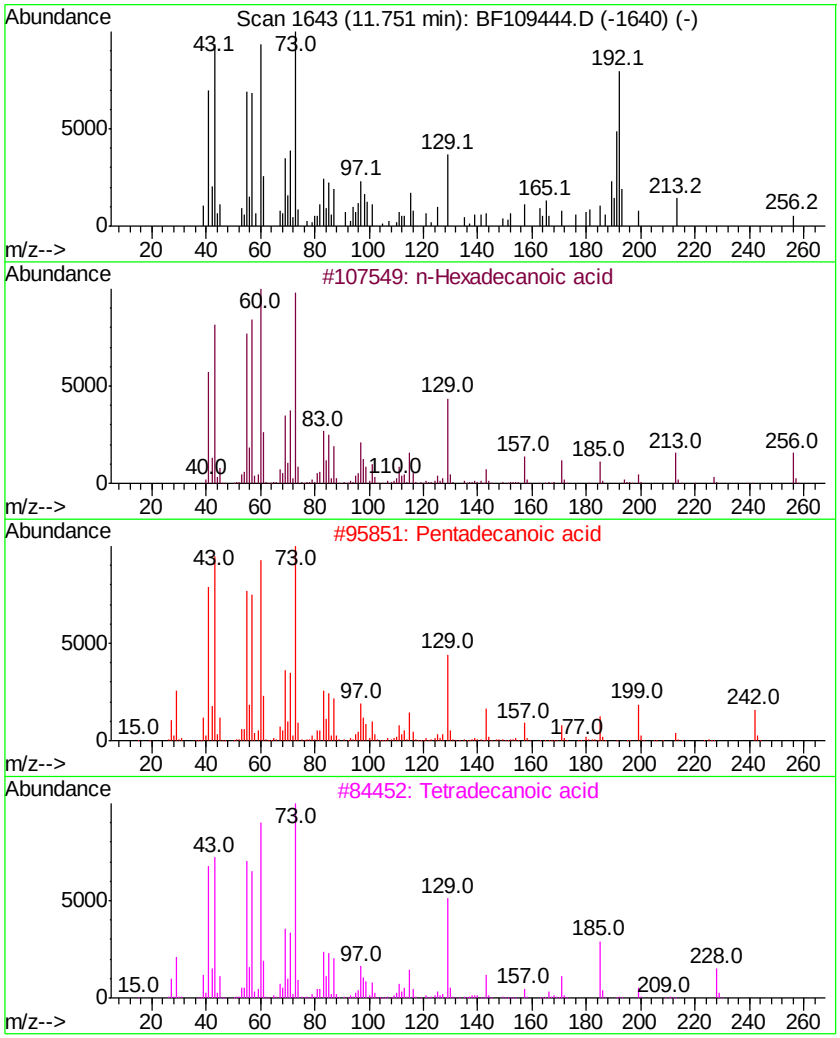
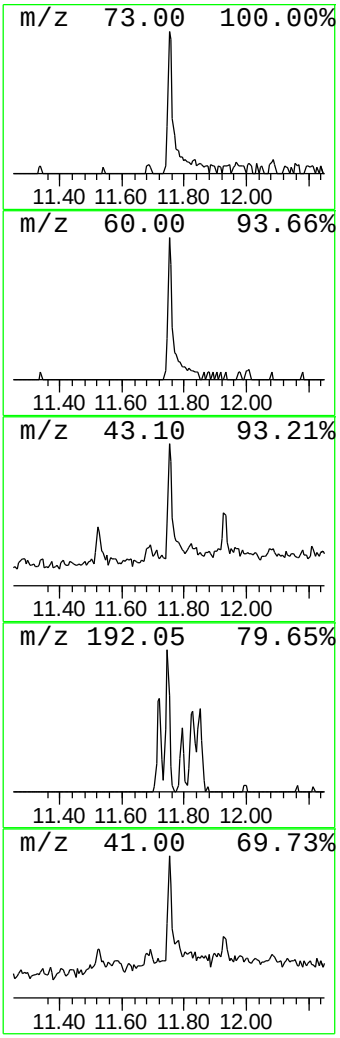
Peak Number 4 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.68 ng	88484	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	46
4	Tridecanoic acid	214	C13H26O2	000638-53-9	46
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
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Sample : J5100-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-STONE-RO-227

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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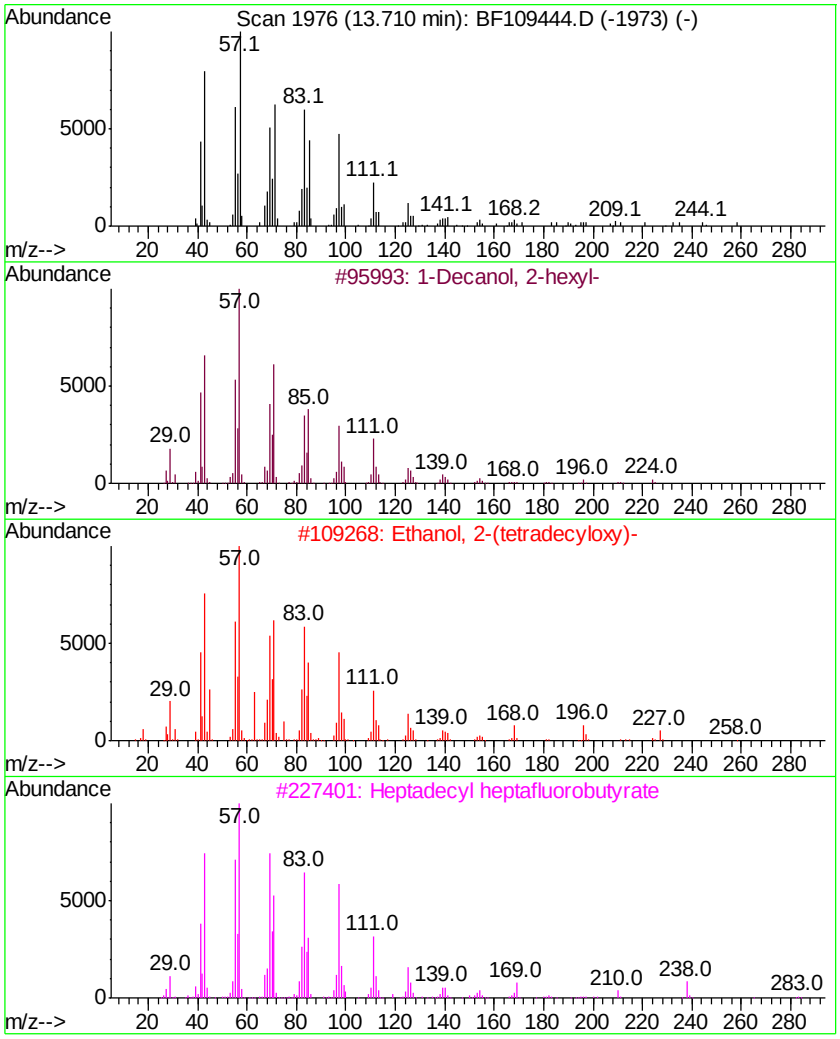
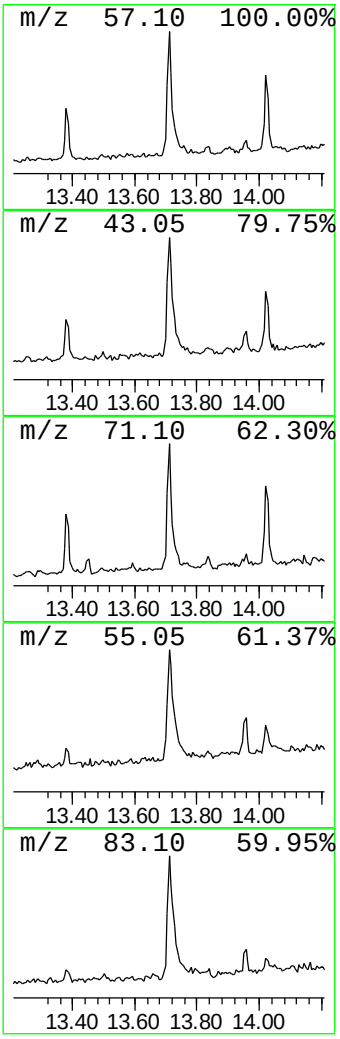
Peak Number 5 1-Decanol, 2-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	4.97 ng	171758	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	81
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	81
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	76
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	76





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Sample : J5100-01
Misc :
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Instrument : BNA_F
ClientSampleId : HS-STONE-RO-227

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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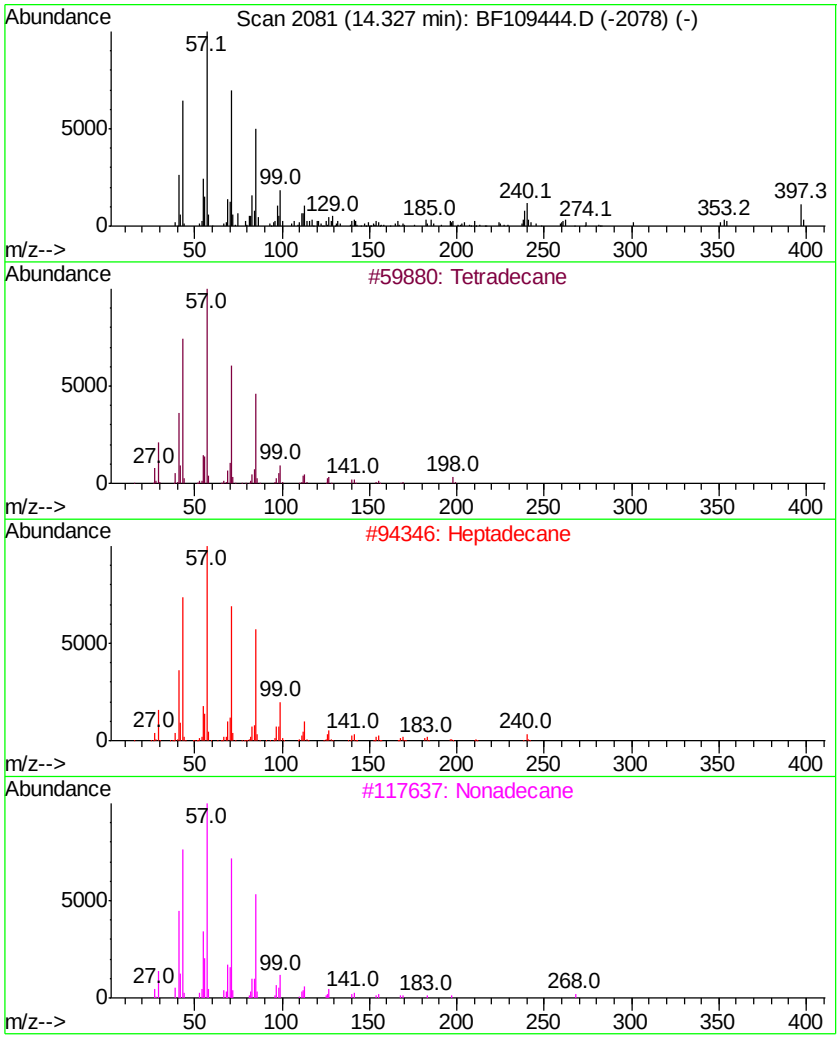
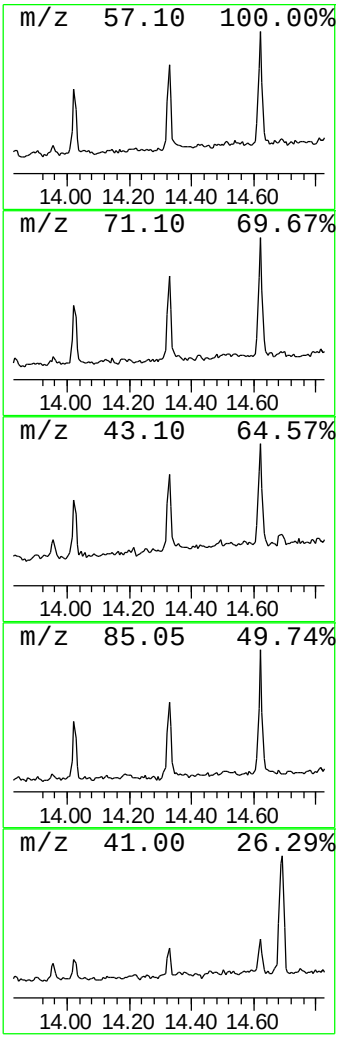
Peak Number 6 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	2.20 ng	75977	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Nonadecane	268	C19H40	000629-92-5	74
4	Hexadecane	226	C16H34	000544-76-3	74
5	Tetracosane	338	C24H50	000646-31-1	72





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Instrument : BNA_F
ClientSampleId : HS-STONE-RO-227

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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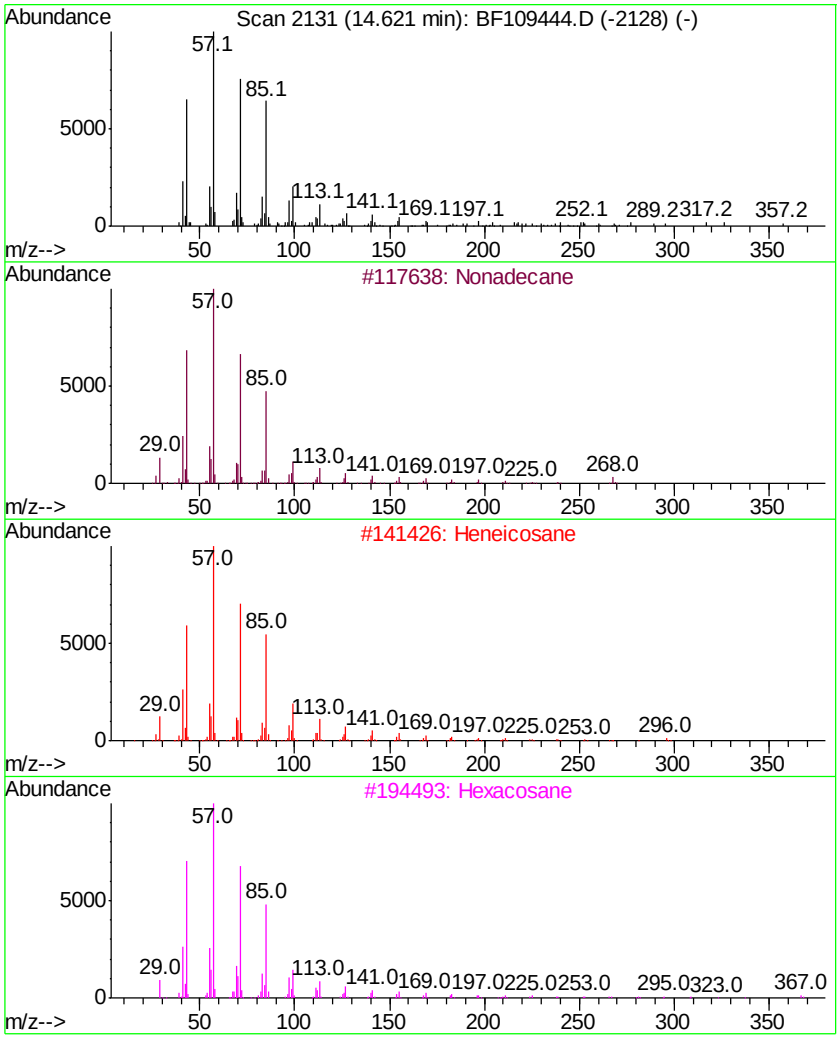
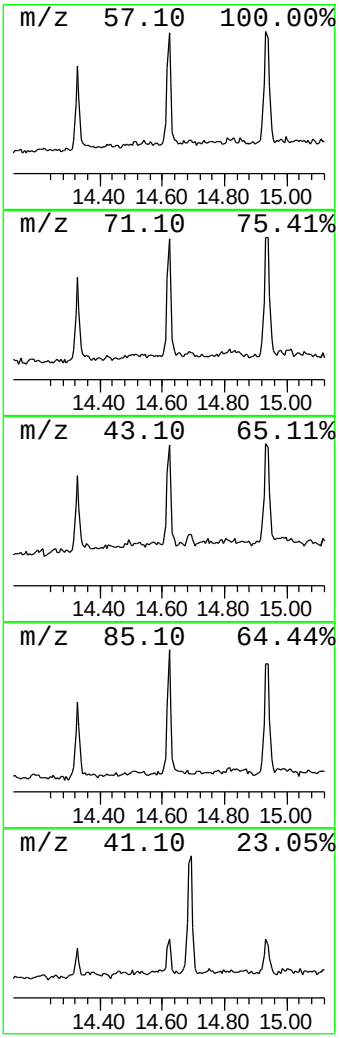
Peak Number 7 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	5.82 ng	121523	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	86





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-STONE-RO-227

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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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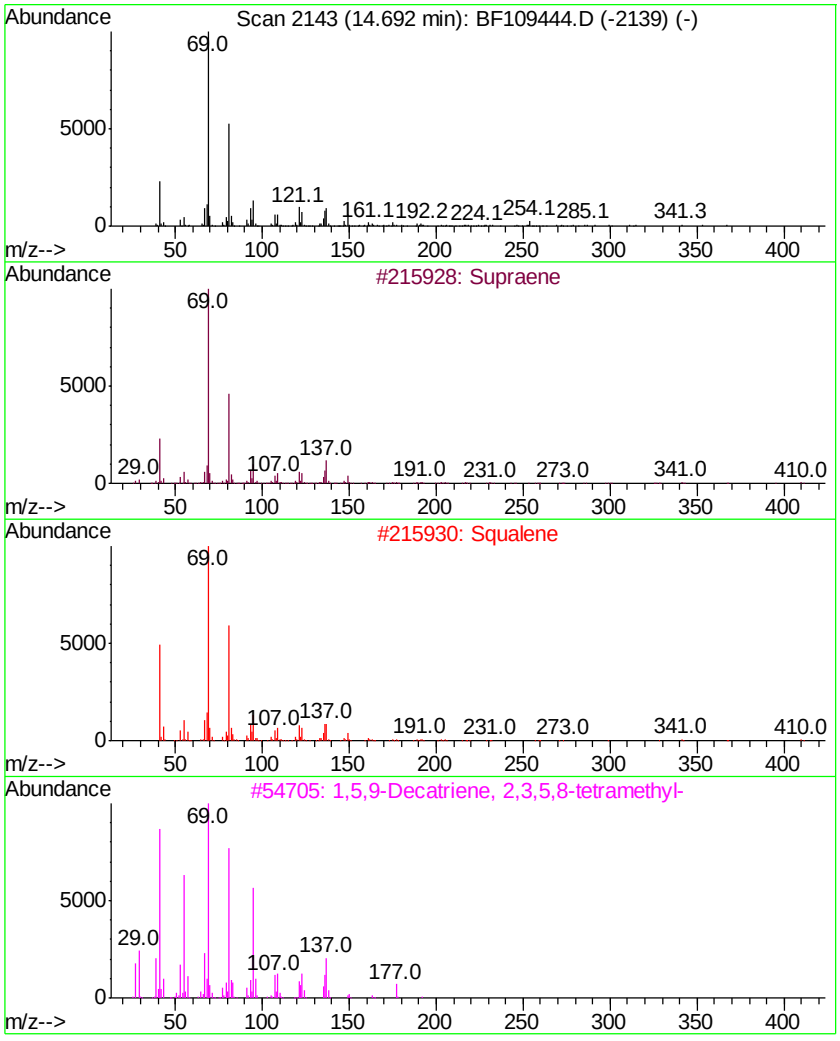
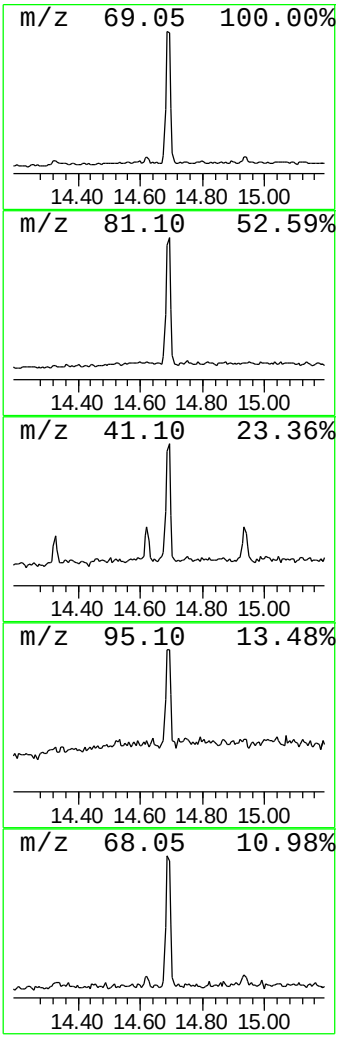
Peak Number 8 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	12.84 ng	267958	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	59
4	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52
5	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	50





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Data File : BF109444.D
Acq On : 28 Sep 2018 21:37
Operator : JU/SJ
Sample : J5100-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-STONE-RO-227

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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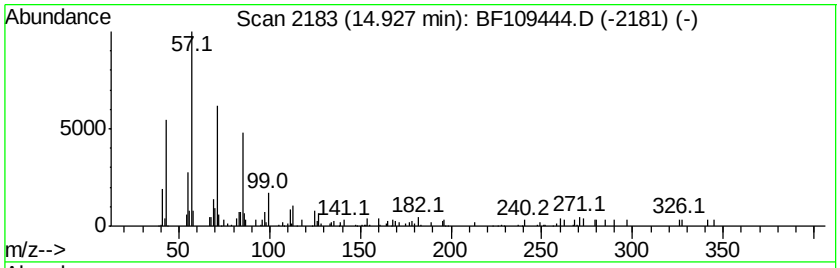
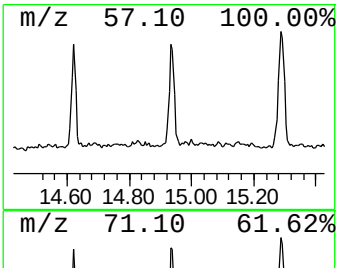
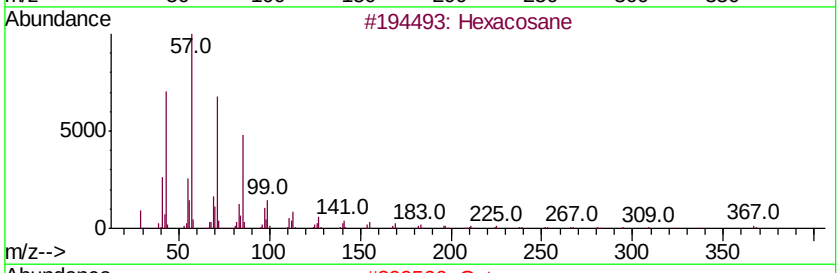
Peak Number 9 Hexacosane Concentration Rank 5

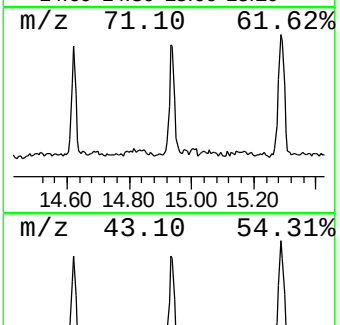
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	6.52 ng	135960	Perylene-d12	15.25

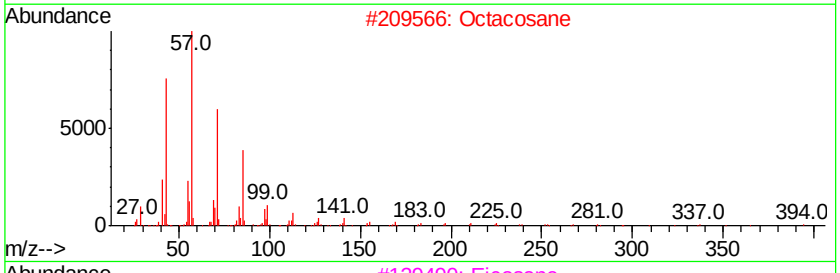
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90

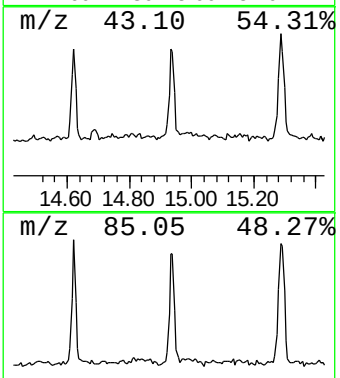


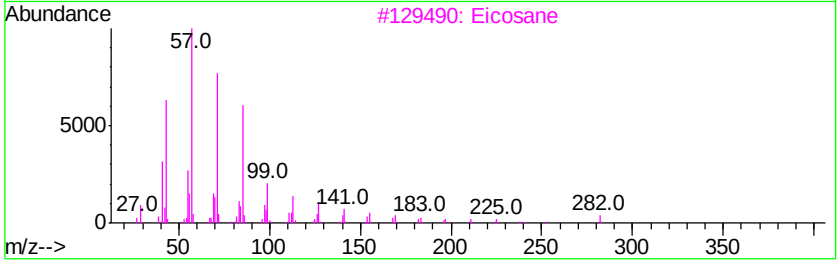


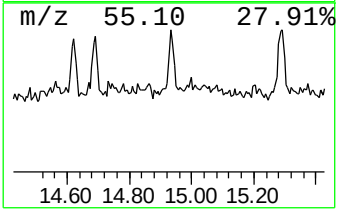












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109444.D
Acq On : 28 Sep 2018 21:37
Operator : JU/SJ
Sample : J5100-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-STONE-RO-227

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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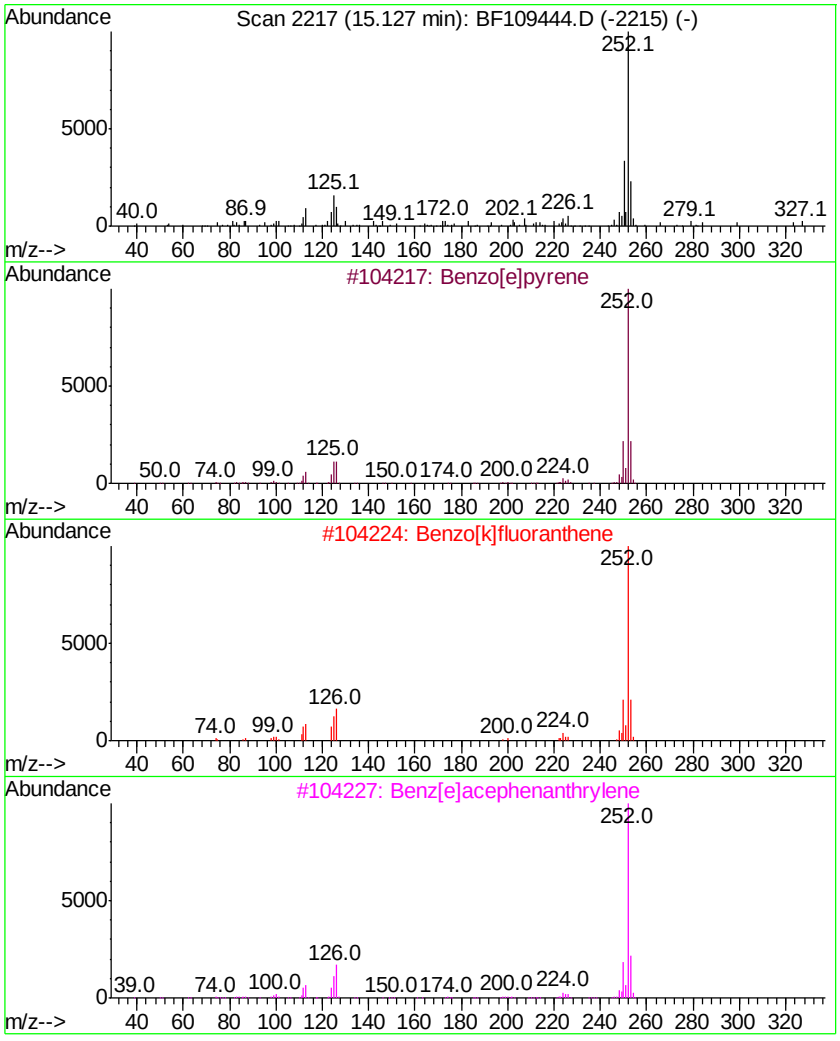
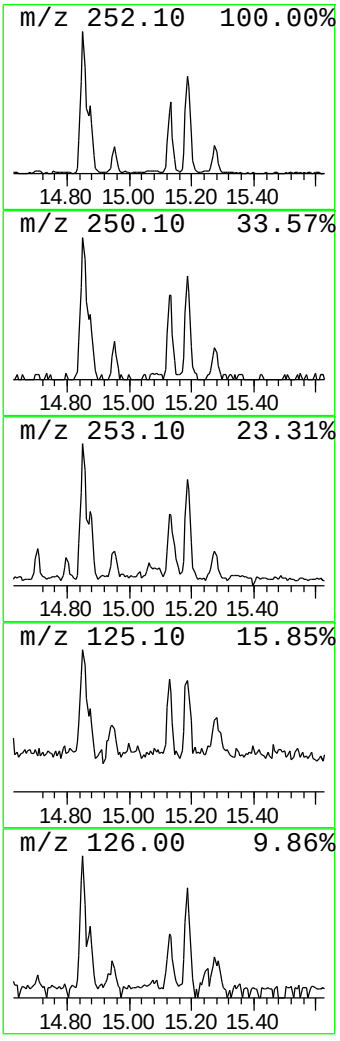
Peak Number 10 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	3.05 ng	63548	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109444.D
Acq On : 28 Sep 2018 21:37
Operator : JU/SJ
Sample : J5100-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-STONE-RO-227

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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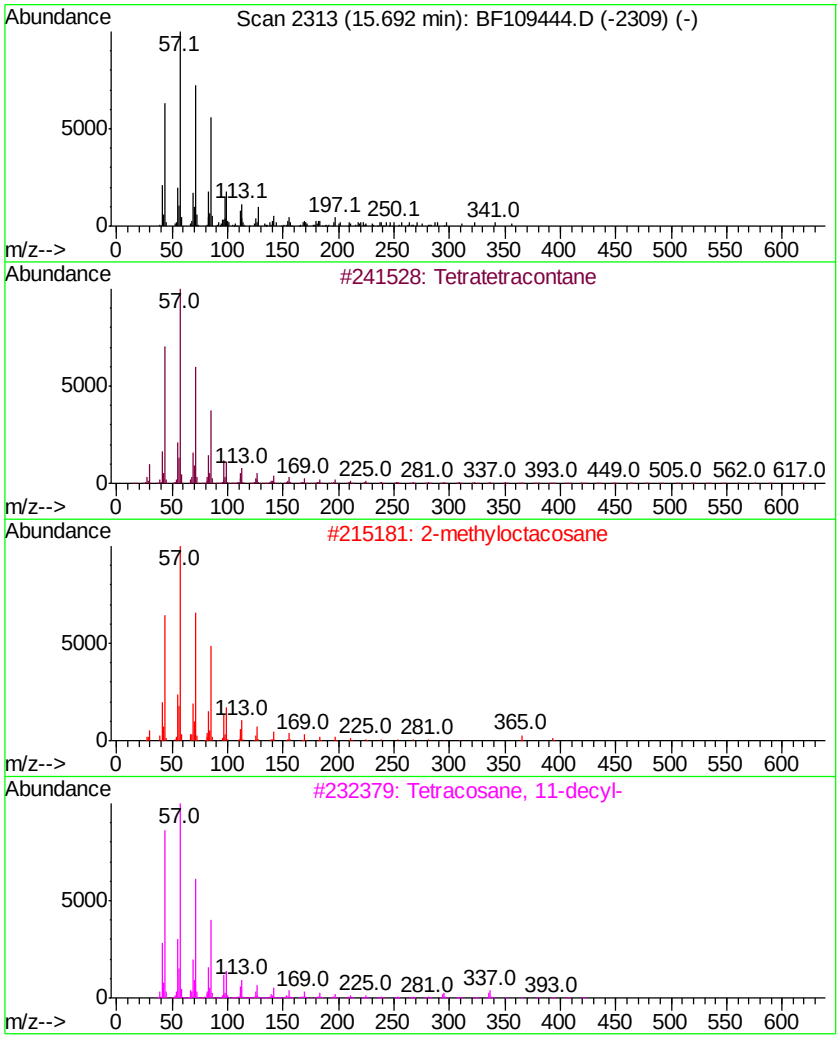
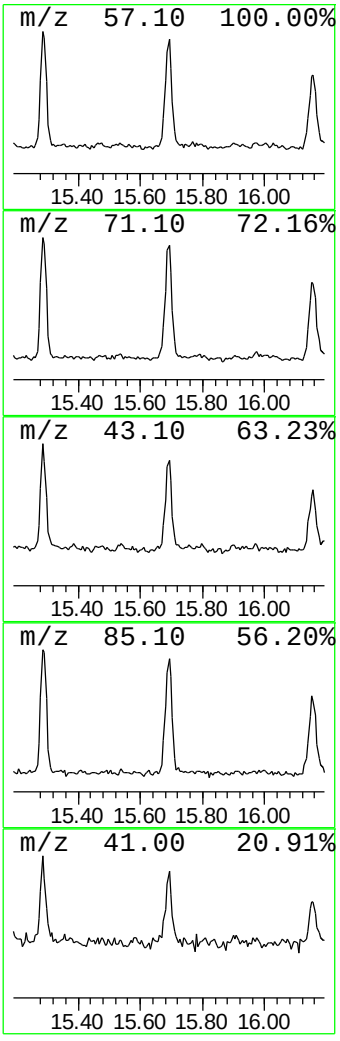
Peak Number 11 Tetratetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	8.11 ng	169297	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109444.D
Acq On : 28 Sep 2018 21:37
Operator : JU/SJ
Sample : J5100-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-STONE-RO-227

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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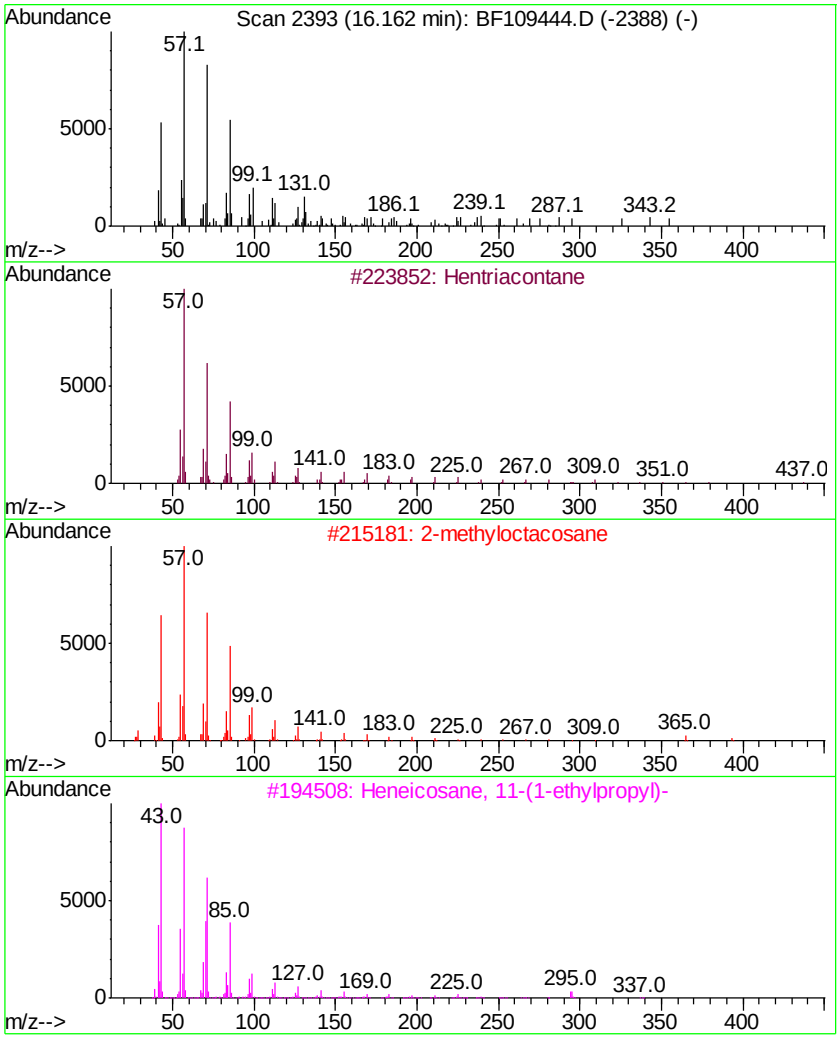
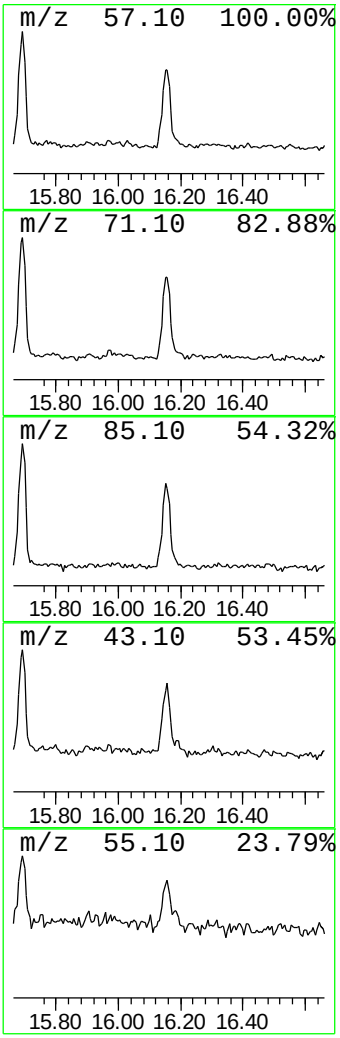
Peak Number 12 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	5.03 ng	105030	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
5	Hexacosane	366	C26H54	000630-01-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
Data File : BF109444.D
Acq On : 28 Sep 2018 21:37
Operator : JU/SJ
Sample : J5100-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-STONE-RO-227

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.91	2.3	ng	76149	1	6.71	658523	20.0
unknown6.48	6.48	61.6	ng	2029030	1	6.71	658523	20.0
n-Hexadecanoic acid	11.75	2.7	ng	88484	4	11.22	659303	20.0
1-Decanol, 2-hexyl-	13.71	5.0	ng	171758	5	13.84	690687	20.0
Tetradecane	14.33	2.2	ng	75977	5	13.84	690687	20.0
Nonadecane	14.62	5.8	ng	121523	6	15.25	417375	20.0
Supraene	14.69	12.8	ng	267958	6	15.25	417375	20.0
Hexacosane	14.93	6.5	ng	135960	6	15.25	417375	20.0
Benzo[e]pyrene	15.13	3.0	ng	63548	6	15.25	417375	20.0
Tetratetracontane	15.69	8.1	ng	169297	6	15.25	417375	20.0
Hentriacontane	16.16	5.0	ng	105030	6	15.25	417375	20.0