LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106868.D
Acq On : 27 Jun 2018 13:38
Operator : JU/SJ
Sample : J3683-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-3

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-BF061918.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	2.619	44	48	54	rVB	13644	19420	1.25%	0.085%
2	5.178	480	483	493	rBB	55326	59283	3.82%	0.259%
3	5.590	549	553	565	rBB	601375	532043	34.31%	2.328%
4	6.595	719	724	737	rVB	590867	580723	37.45%	2.541%
5	6.731	743	747	750	rBV	628812	580368	37.43%	2.539%
6	6.954	781	785	788	rBV	322844	266830	17.21%	1.167%
7	7.107	807	811	815	rBV	561778	462843	29.85%	2.025%
8	7.513	876	880	888	rBV	384970	376700	24.30%	1.648%
9	8.025	964	967	972	rBV	120889	99727	6.43%	0.436%
10	8.236	999	1003	1006	rBV	444292	347594	22.42%	1.521%
11	8.660	1072	1075	1079	rVB	65578	50526	3.26%	0.221%
12	8.819	1099	1102	1105	rVB	105840	80563	5.20%	0.352%
13	8.854	1105	1108	1114	rBV2	42472	52675	3.40%	0.230%
14	8.907	1114	1117	1118	rBV	33616	28389	1.83%	0.124%
15	8.930	1118	1121	1124	rVV	155377	122834	7.92%	0.537%
16	8.989	1124	1131	1135	rVV4	11837	17843	1.15%	0.078%
17	9.172	1157	1162	1166	rBV	31338	35634	2.30%	0.156%
18	9.307	1180	1185	1189	rBV	864899	757400	48.85%	3.314%
19	9.377	1193	1197	1201	rVV5	21373	34064	2.20%	0.149%
20	9.460	1208	1211	1213	rBV	35146	28687	1.85%	0.126%
21	9.525	1219	1222	1225	rBV5	13210	20913	1.35%	0.091%
22	9.619	1235	1238	1242	rVB4	40349	39803	2.57%	0.174%
23	9.695	1248	1251	1254	rBV3	39350	38214	2.46%	0.167%
24	9.848	1273	1277	1280	rBV	154812	143089	9.23%	0.626%
25	9.942	1288	1293	1295	rBV5	30011	51213	3.30%	0.224%
26	9.995	1296	1302	1305	rBV2	545756	597363	38.53%	2.613%
27	10.083	1313	1317	1320	rVB	408099	374849	24.18%	1.640%
28	10.383	1365	1368	1370	rBV	405280	338478	21.83%	1.481%
29	10.789	1434	1437	1440	rBV	380737	384036	24.77%	1.680%
30	10.895	1451	1455	1458	rBV	299192	323818	20.88%	1.417%
31	11.030	1475	1478	1481	rVB	249705	209684	13.52%	0.917%
32	11.089	1485	1488	1491	rBV	469746	416396	26.86%	1.822%
33	11.366	1532	1535	1537	rBV	244848	223277	14.40%	0.977%
34	11.495	1554	1557	1560	rVB	353032	310308	20.01%	1.358%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106868.D
Acq On : 27 Jun 2018 13:38
Operator : JU/SJ
Sample : J3683-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-3

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.819	1609	1612	1616	rVB2	193603	182684	11.78%	0.799%
36	11.948	1631	1634	1638	rBV	226439	245307	15.82%	1.073%
37	11.989	1638	1641	1648	rVB	463241	508930	32.82%	2.227%
38	12.513	1727	1730	1735	rVB	229234	254312	16.40%	1.113%
39	12.648	1751	1753	1759	rVB	146393	178010	11.48%	0.779%
40	12.771	1772	1774	1777	rVB	213640	175134	11.30%	0.766%
41	12.807	1777	1780	1784	rBV	452320	436442	28.15%	1.909%
42	12.954	1802	1805	1809	rVB2	262807	251438	16.22%	1.100%
43	13.077	1822	1826	1830	rVB	652802	659958	42.56%	2.887%
44	13.407	1879	1882	1891	rVB	162338	207540	13.39%	0.908%
45	13.477	1891	1894	1897	rVV	66170	83121	5.36%	0.364%
46	13.524	1898	1902	1904	rVV3	285108	386832	24.95%	1.692%
47	13.548	1904	1906	1914	rVV	549878	592941	38.24%	2.594%
48	13.624	1916	1919	1921	rVV3	110055	141813	9.15%	0.620%
49	13.654	1921	1924	1928	rVV2	128731	151355	9.76%	0.662%
50	13.689	1928	1930	1933	rVB	81973	71885	4.64%	0.315%
51	13.960	1973	1976	1981	rVB2	82702	105493	6.80%	0.462%
52	14.101	1996	2000	2004	rBV	430529	422868	27.27%	1.850%
53	14.148	2004	2008	2013	rVB	360050	329203	21.23%	1.440%
54	14.218	2017	2020	2021	rBV	196668	161679	10.43%	0.707%
55	14.242	2021	2024	2029	rVV	453219	498212	32.13%	2.180%
56	14.283	2029	2031	2034	rVB2	73257	64308	4.15%	0.281%
57	14.318	2034	2037	2039	rBV	40446	49461	3.19%	0.216%
58	14.377	2044	2047	2057	rVB2	72428	106765	6.89%	0.467%
59	14.595	2080	2084	2089	rVB2	121068	151005	9.74%	0.661%
60	14.648	2090	2093	2101	rVB4	42630	72827	4.70%	0.319%
61	14.777	2110	2115	2118	rBV2	186371	217121	14.00%	0.950%
62	14.865	2126	2130	2132	rBV	142896	176927	11.41%	0.774%
63	14.912	2132	2138	2145	rVV2	469404	877348	56.58%	3.838%
64	14.965	2145	2147	2149	rVV	23793	29361	1.89%	0.128%
65	15.012	2150	2155	2159	rVV	1248159	1550501	100.00%	6.784%
66	15.054	2159	2162	2169	rVB2	73352	105723	6.82%	0.463%
67	15.277	2196	2200	2206	rVB	59309	76870	4.96%	0.336%
68	15.371	2213	2216	2220	rBV2	33267	39088	2.52%	0.171%
69	15.530	2239	2243	2247	rBV	92730	121850	7.86%	0.533%
70	15.695	2261	2271	2276	rBV2	609011	1092858	70.48%	4.781%
71	15.736	2276	2278	2282	rVV	92713	116850	7.54%	0.511%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106868.D
Acq On : 27 Jun 2018 13:38
Operator : JU/SJ
Sample : J3683-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-3

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.777	2283	2285	2288	rVV4	22998	34045	2.20%	0.149%
73	15.824	2288	2293	2298	rVV3	54644	123236	7.95%	0.539%
74	15.889	2299	2304	2309	rVV2	47140	84595	5.46%	0.370%
75	15.954	2312	2315	2321	rVB5	23265	33702	2.17%	0.147%
76	16.136	2342	2346	2351	rVB3	40907	71454	4.61%	0.313%
77	16.318	2371	2377	2382	rBV5	27033	54299	3.50%	0.238%
78	16.442	2394	2398	2405	rVB6	28405	47537	3.07%	0.208%
79	16.524	2405	2412	2418	rBV2	75394	145164	9.36%	0.635%
80	16.677	2432	2438	2443	rBV2	163015	297320	19.18%	1.301%
81	16.753	2443	2451	2456	rVV2	325569	742513	47.89%	3.249%
82	16.806	2456	2460	2466	rVB	61864	118859	7.67%	0.520%
83	16.924	2473	2480	2486	rVB2	47335	108005	6.97%	0.473%
84	17.001	2487	2493	2504	rVB2	34363	85685	5.53%	0.375%
85	17.171	2517	2522	2531	rVB2	44179	93372	6.02%	0.409%
86	17.301	2539	2544	2549	rBV7	9643	23285	1.50%	0.102%
87	17.412	2558	2563	2571	rVB6	28610	60096	3.88%	0.263%
88	17.600	2589	2595	2600	rVB6	17792	37841	2.44%	0.166%
89	17.859	2631	2639	2651	rBV7	142021	444953	28.70%	1.947%
90	17.971	2651	2658	2668	rVB6	62195	151098	9.75%	0.661%
91	18.083	2668	2677	2687	rBV6	29209	92834	5.99%	0.406%
92	18.212	2688	2699	2707	rBV3	241473	719246	46.39%	3.147%
93	18.418	2727	2734	2749	rVB7	83834	297147	19.16%	1.300%
94	18.565	2752	2759	2772	rVB8	27621	90970	5.87%	0.398%

Sum of corrected areas: 22856863

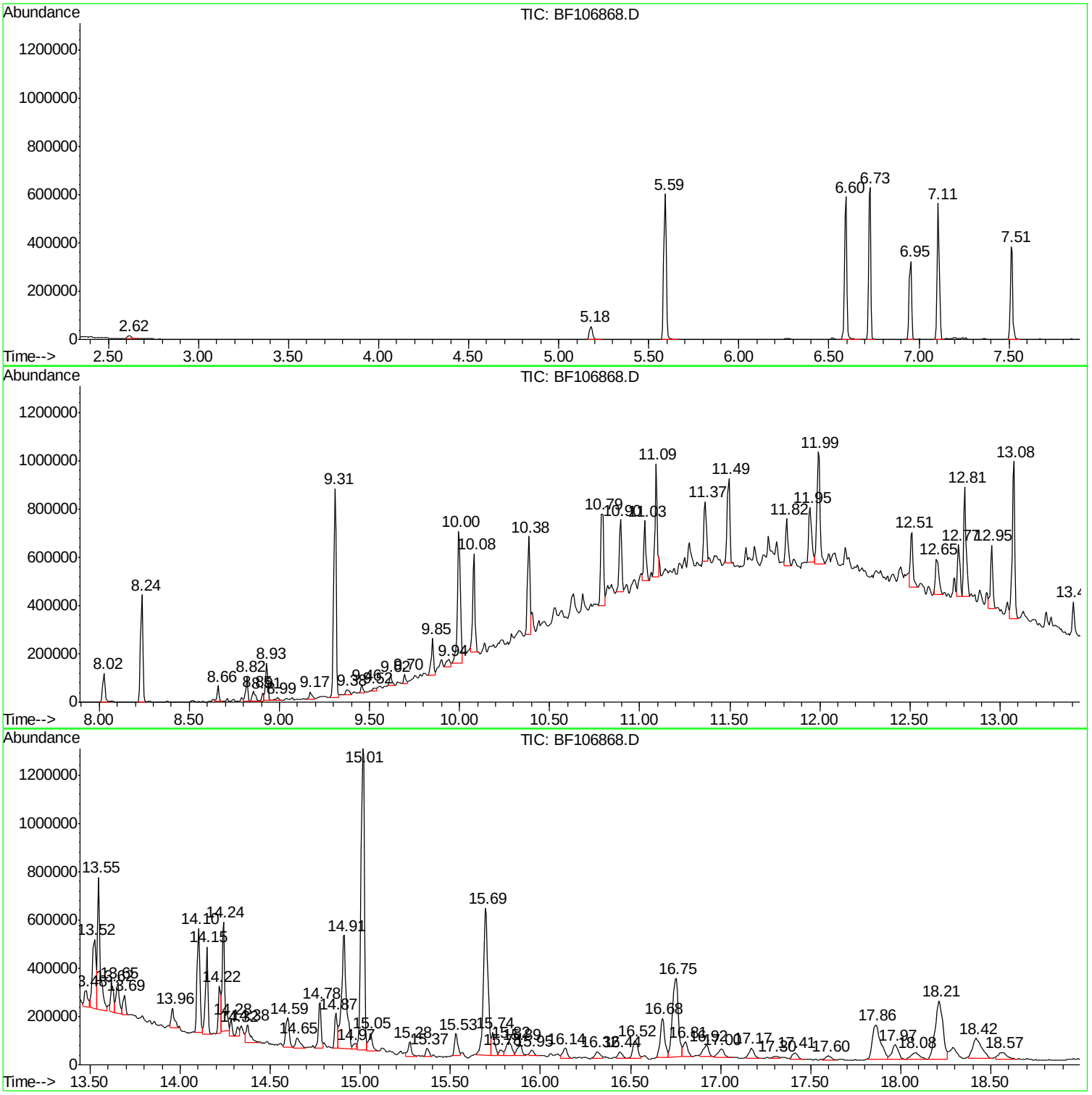
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106868.D
Acq On : 27 Jun 2018 13:38
Operator : JU/SJ
Sample : J3683-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106868.D
Acq On : 27 Jun 2018 13:38
Operator : JU/SJ
Sample : J3683-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

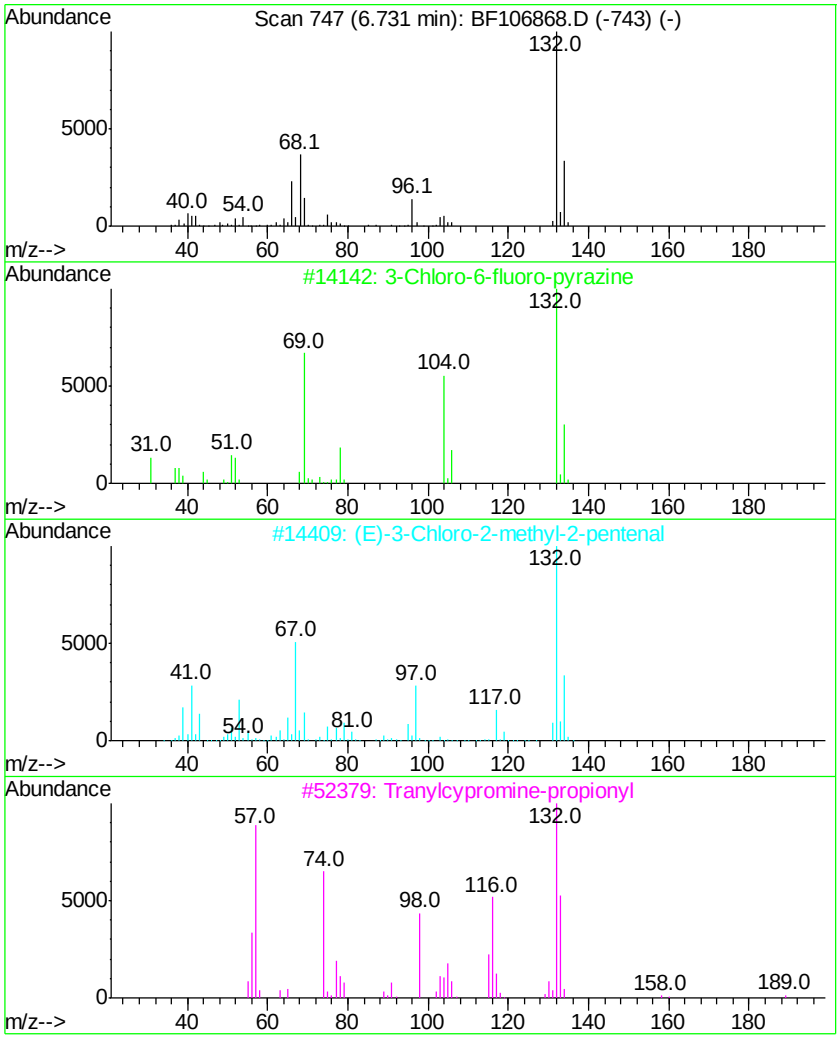
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

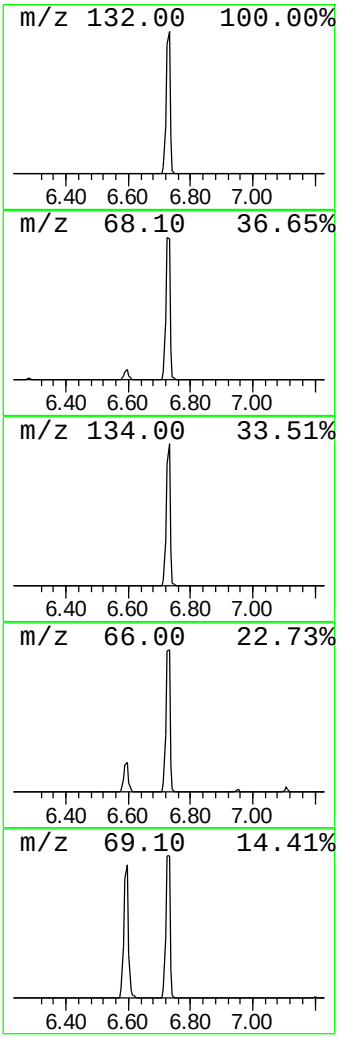
****

Peak Number 1 unknown6.73 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	43.50 ng	580368	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106868.D
Acq On : 27 Jun 2018 13:38
Operator : JU/SJ
Sample : J3683-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

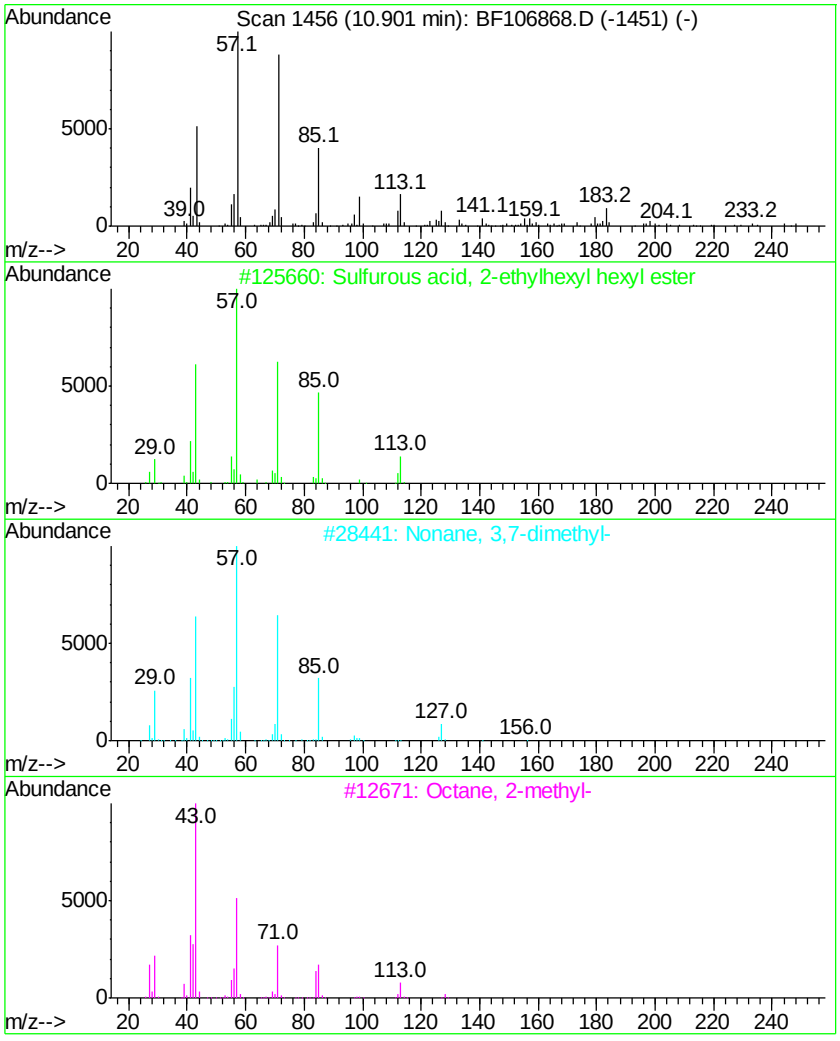
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

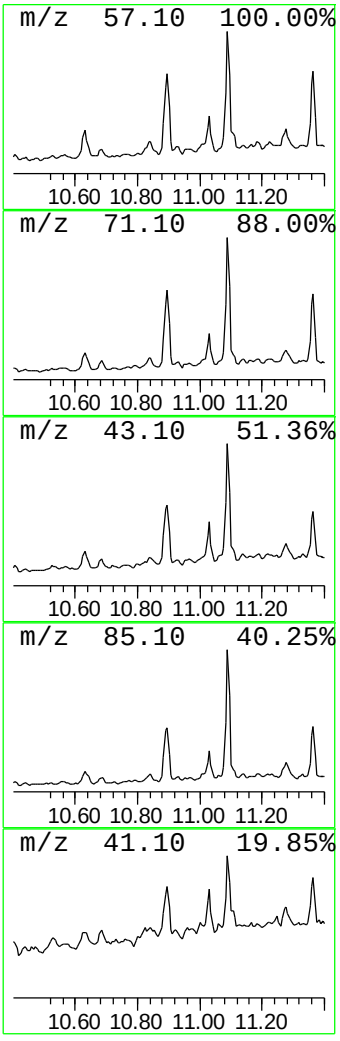
****

Peak Number 3 Sulfurous acid, 2-ethylhexy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	20.87 ng	323818	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
3	Octane, 2-methyl-	128	C9H20	003221-61-2	72
4	Heptadecane	240	C17H36	000629-78-7	58
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106868.D
Acq On : 27 Jun 2018 13:38
Operator : JU/SJ
Sample : J3683-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

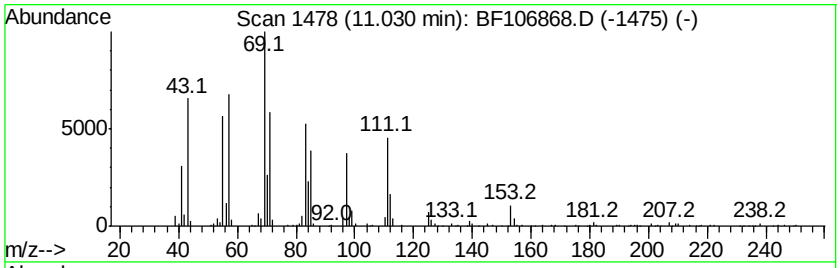
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

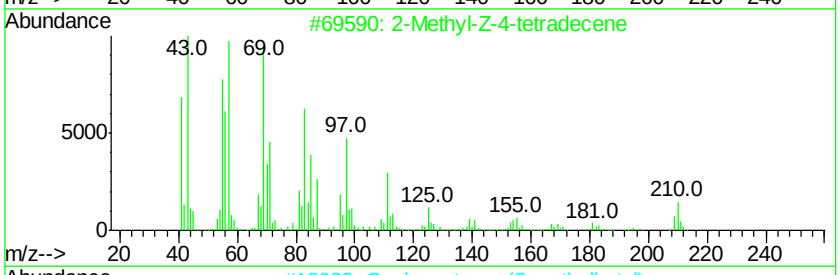
****

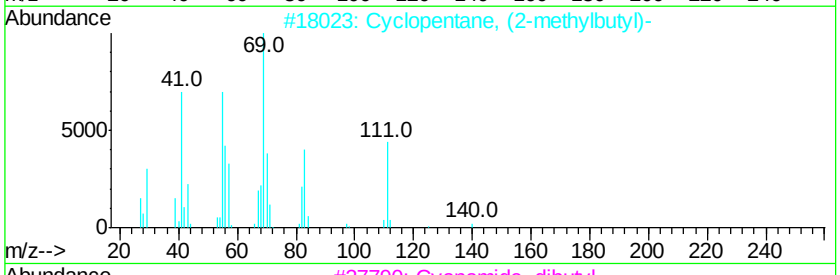
Peak Number 4 unknown11.03 Concentration Rank 17

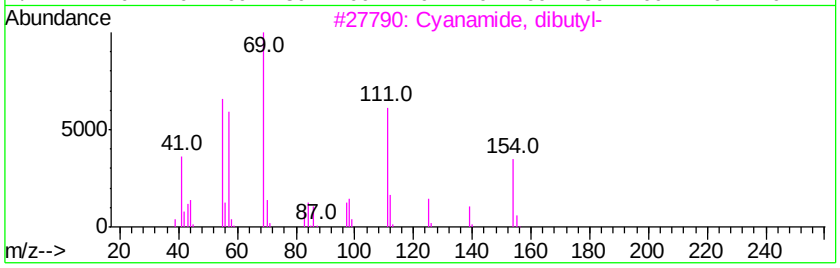
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	13.51 ng	209684	Phenanthrene-d10	11.49

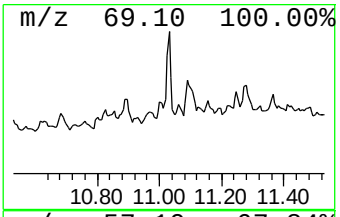
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-Z-4-tetradecene	210	C15H30	1000130-78-3	46
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	43
3	Cyanamide, dibutyl-	154	C9H18N2	002050-54-6	35
4	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	35
5	1-Heptadecene	238	C17H34	006765-39-5	22

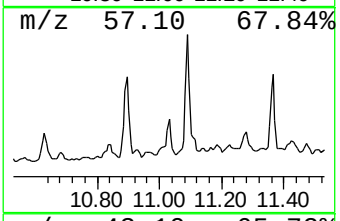


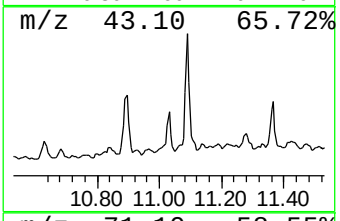


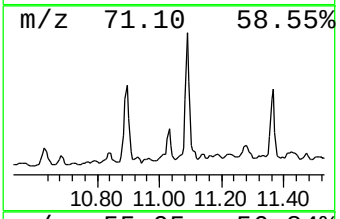


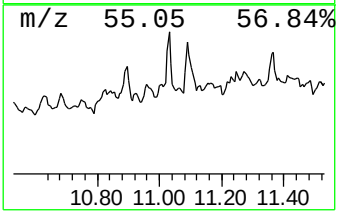












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106868.D
Acq On : 27 Jun 2018 13:38
Operator : JU/SJ
Sample : J3683-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

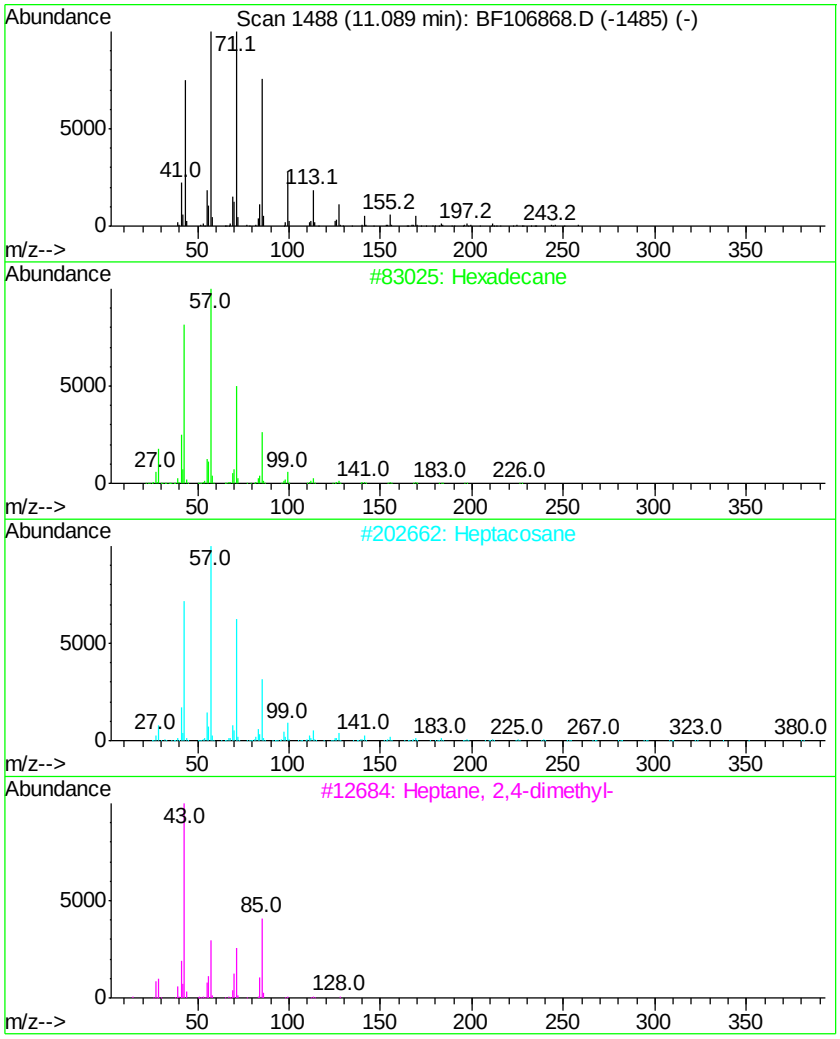
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

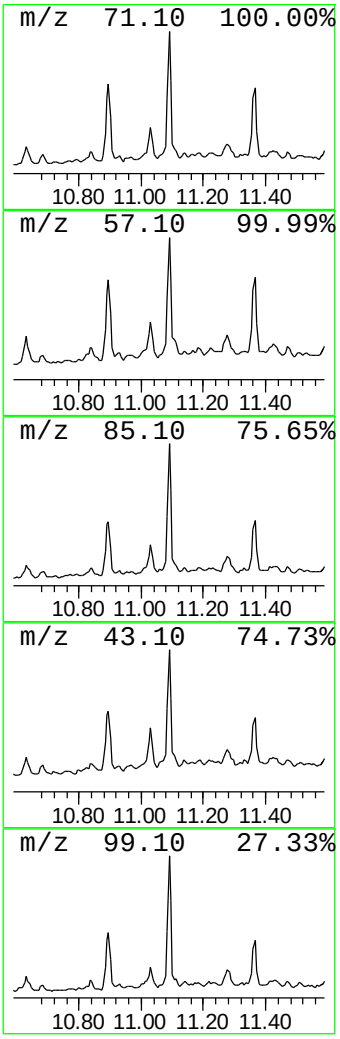
****

Peak Number 5 unknown11.09 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	26.84 ng	416396	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Heptacosane	380	C27H56	000593-49-7	72
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	50
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	49





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Acq On : 27 Jun 2018 13:38
Operator : JU/SJ
Sample : J3683-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-3

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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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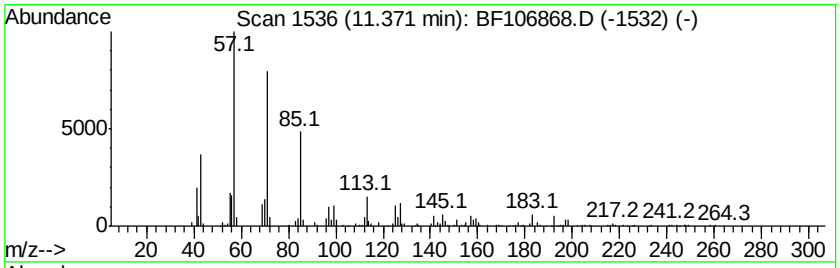
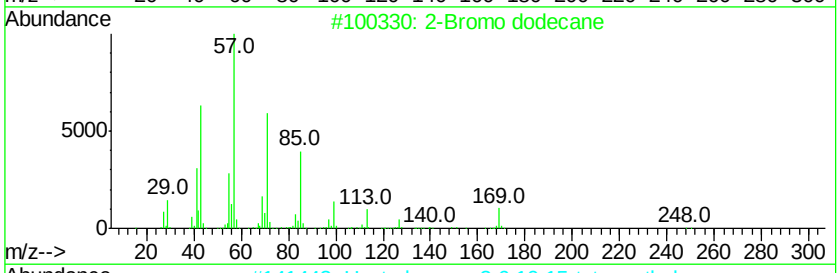
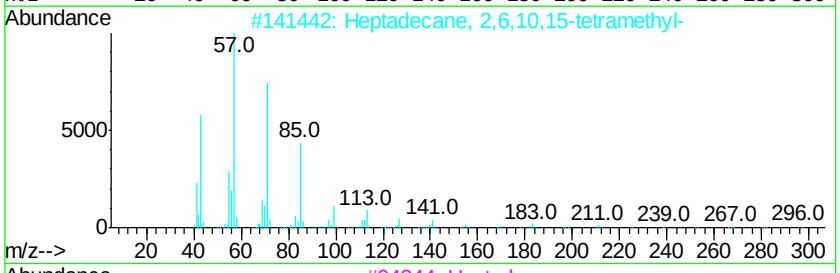
Peak Number 6 2-Bromo dodecane Concentration Rank 15

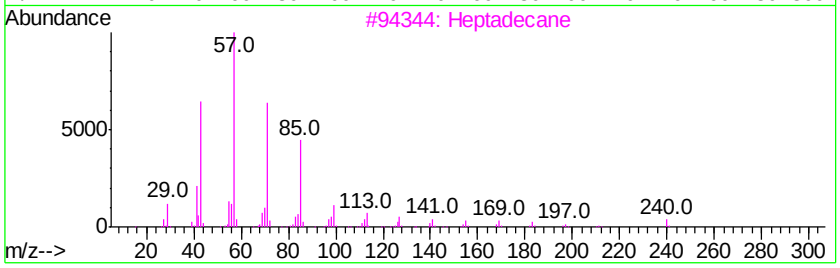
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	14.39 ng	223277	Phenanthrene-d10	11.49

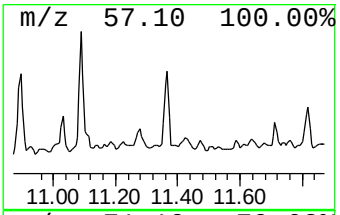
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Heptadecane	240	C17H36	000629-78-7	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	78

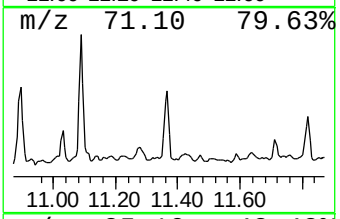


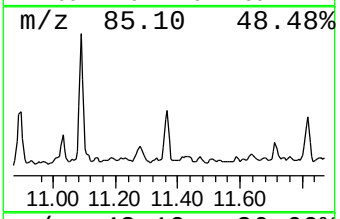


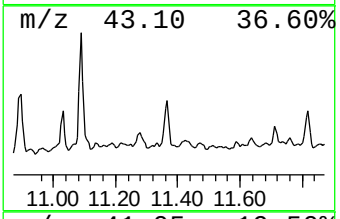


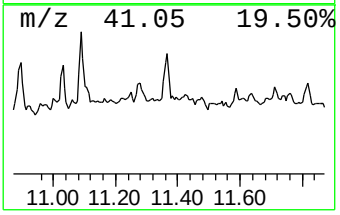












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Operator : JU/SJ
Sample : J3683-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-3

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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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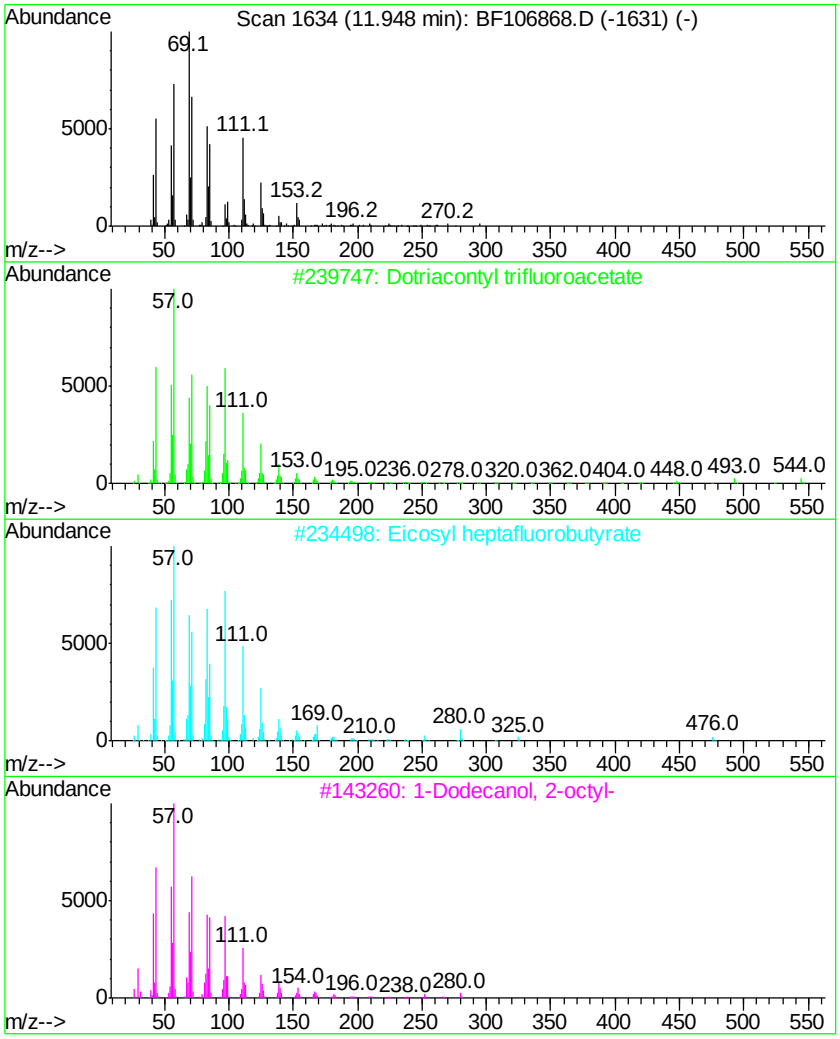
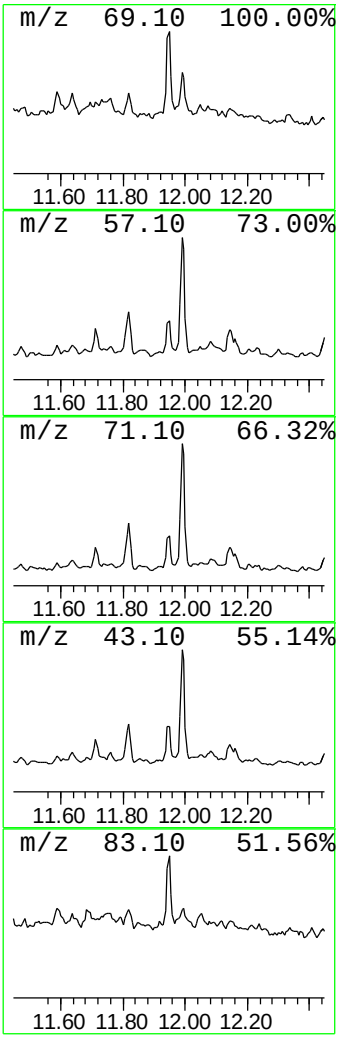
Peak Number 7 Dotriacontyl trifluoroacetate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	15.81 ng	245307	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	58
2	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	58
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	47
4	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	38
5	10-Methyl-octadec-1-ene	266	C19H38	1000192-60-5	38





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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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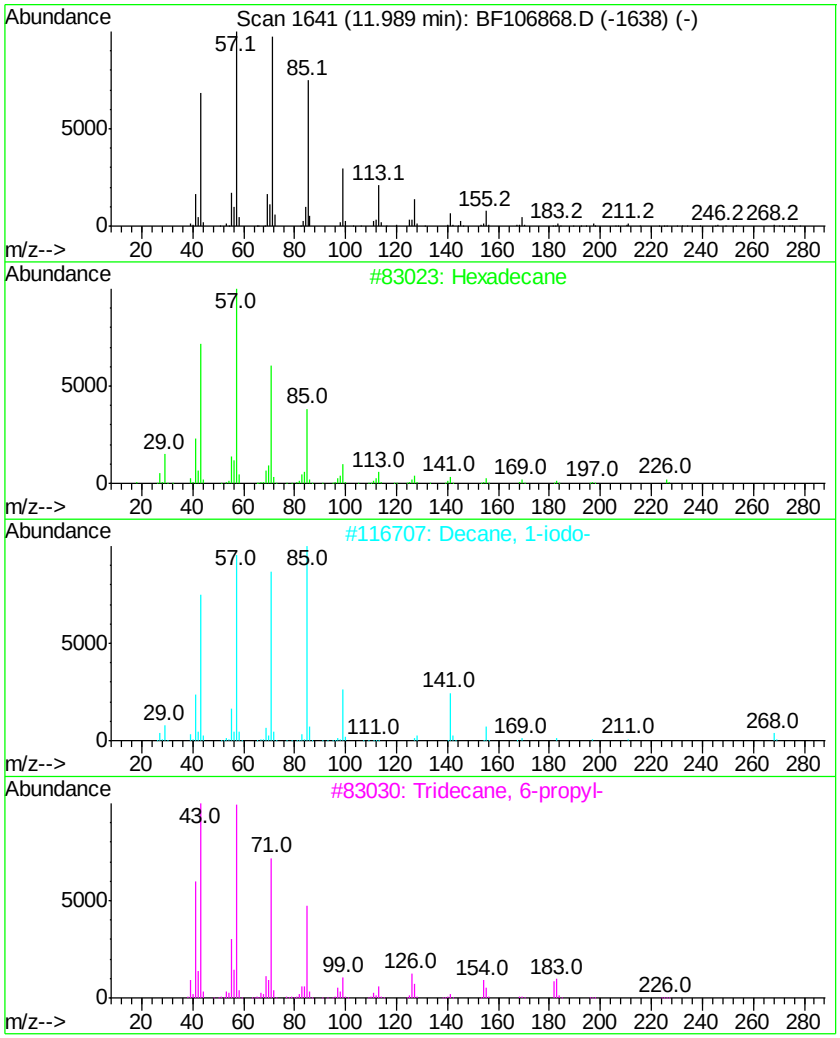
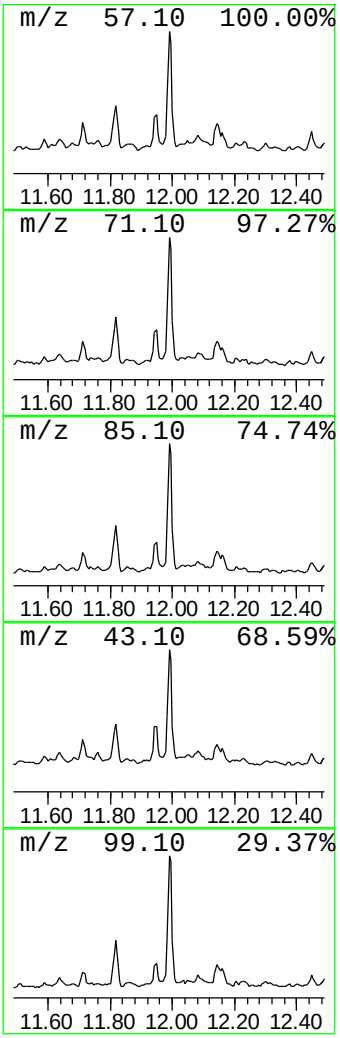
Peak Number 8 unknown11.99 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	32.80 ng	508930	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	72
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	58
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	53





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ClientSampleId : DRUM-2-3

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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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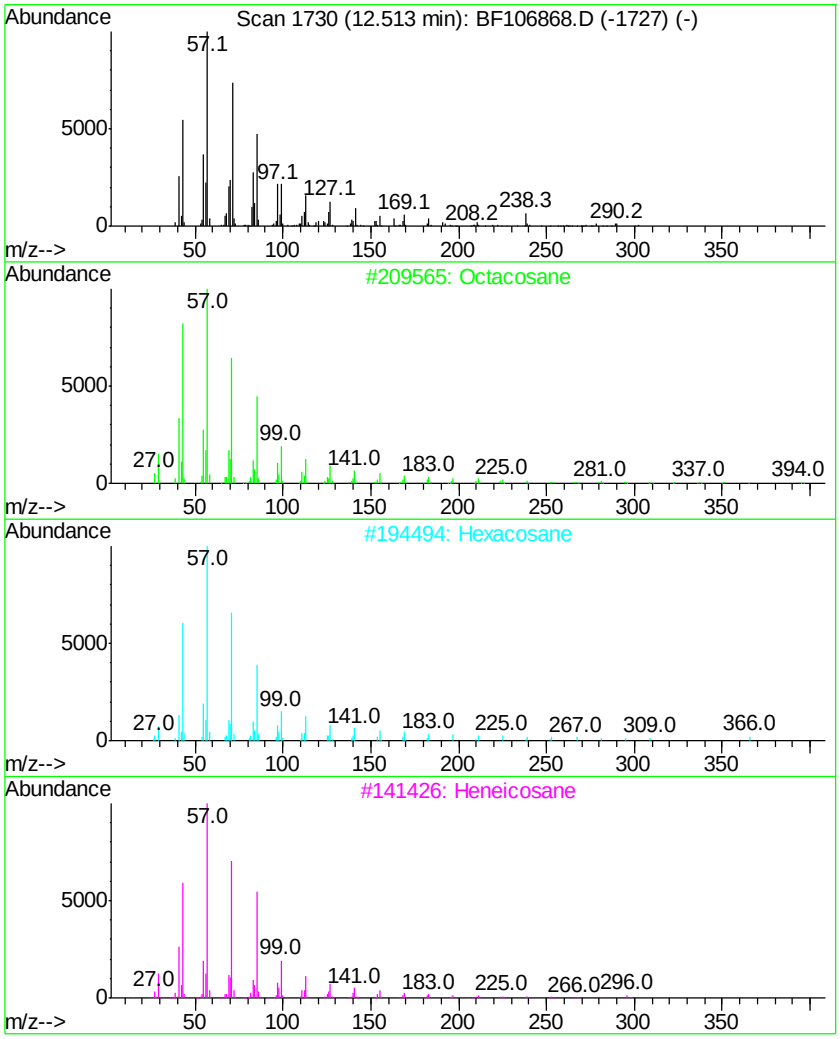
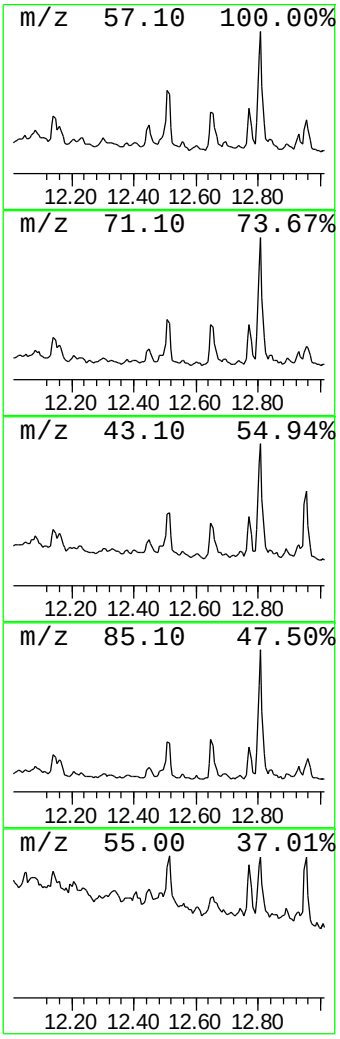
Peak Number 9 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	16.39 ng	254312	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	83
2	Hexacosane	366	C26H54	000630-01-3	83
3	Heneicosane	296	C21H44	000629-94-7	80
4	Tetratetracontane	619	C44H90	007098-22-8	80
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	80





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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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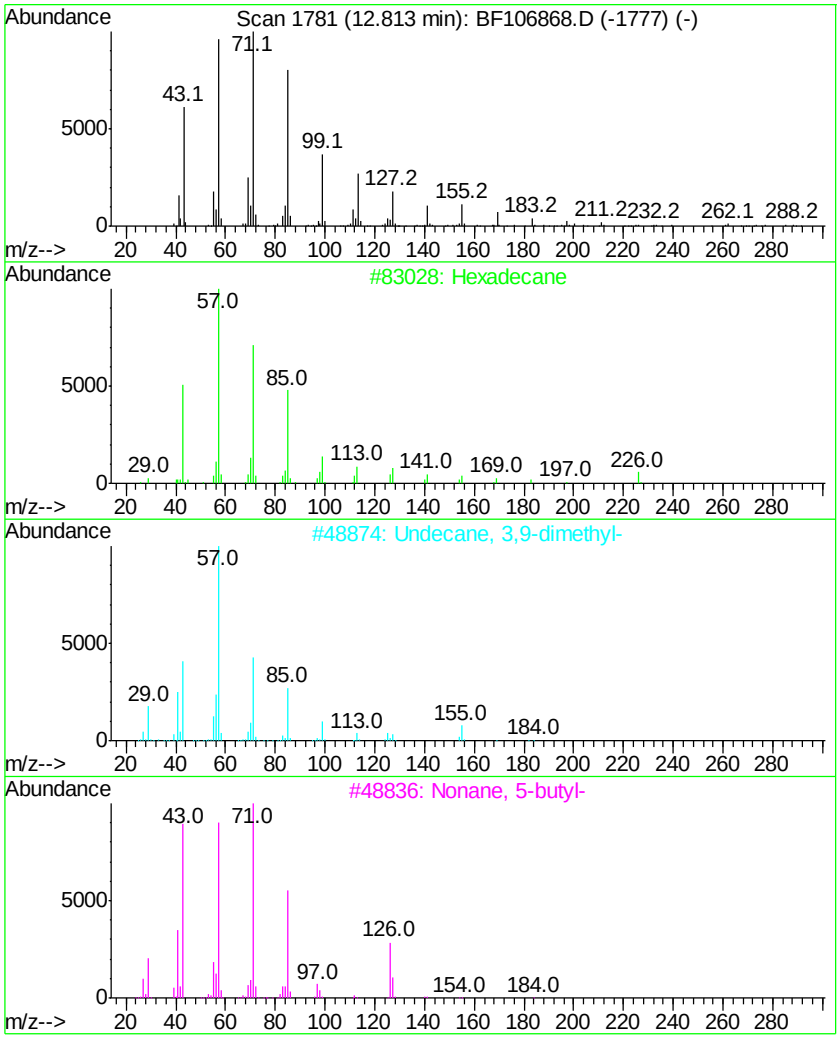
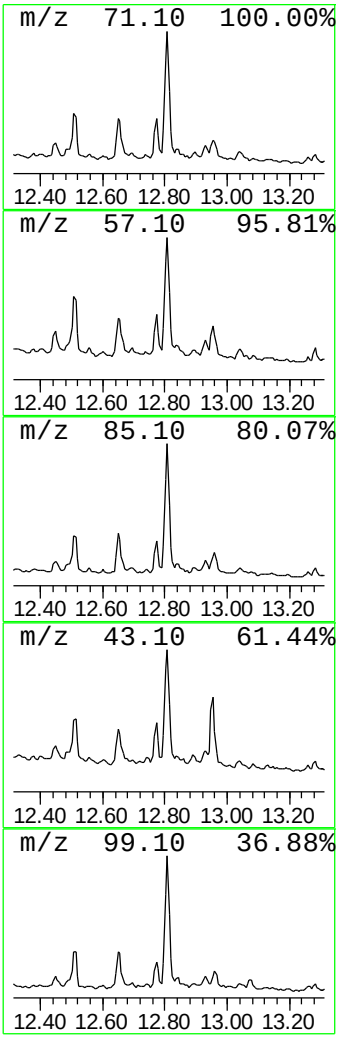
Peak Number 10 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	28.13 ng	436442	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	72
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	68
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	50





Library Search Compound Report

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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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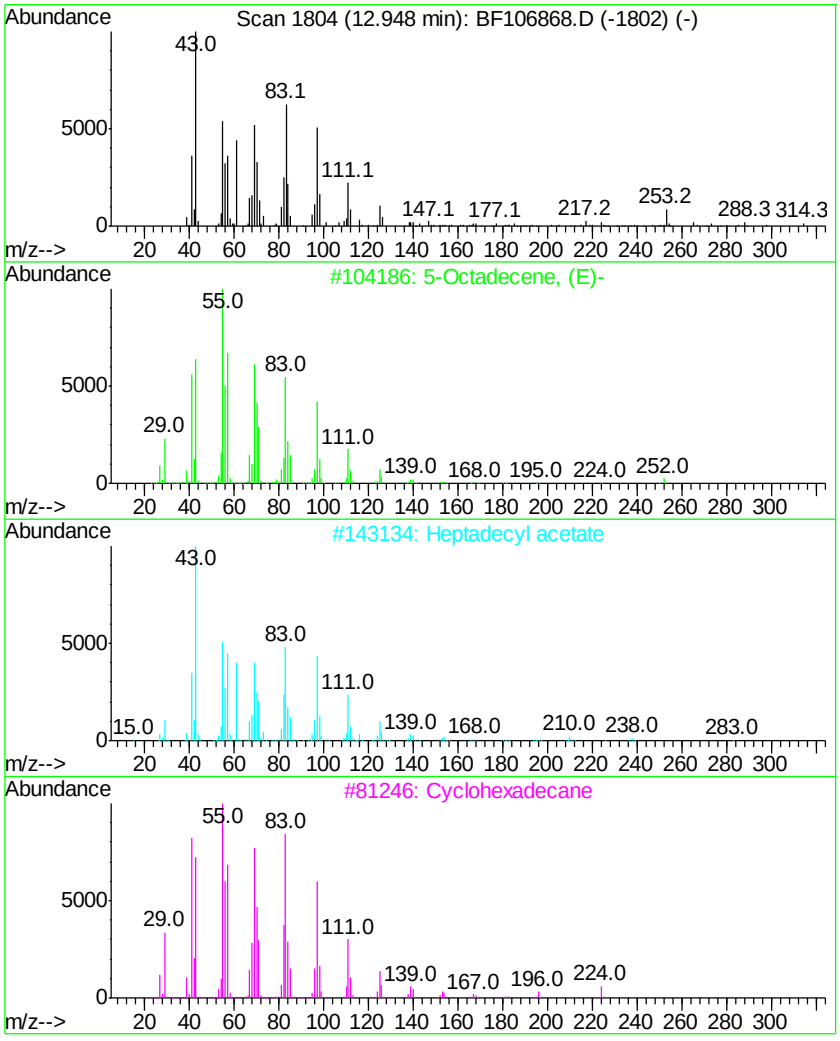
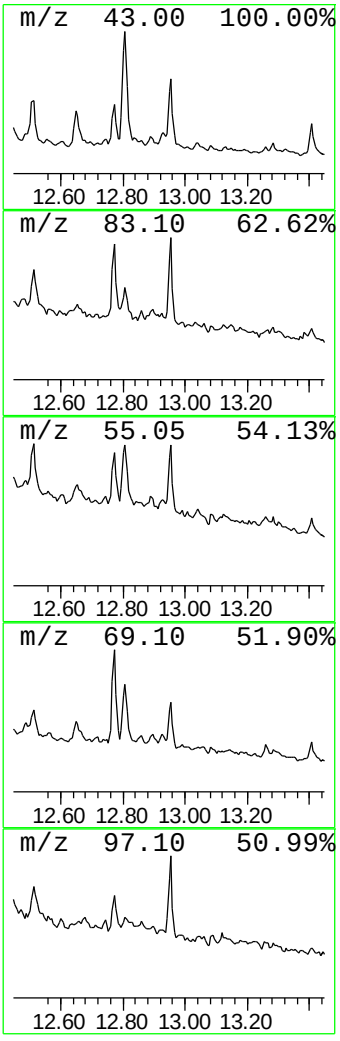
Peak Number 11 5-Octadecene, (E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	15.28 ng	251438	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	98
2	Heptadecyl acetate	298	C19H38O2	000822-20-8	95
3	Cyclohexadecane	224	C16H32	000295-65-8	94
4	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	94
5	1-Hexadecanol, acetate	284	C18H36O2	000629-70-9	94





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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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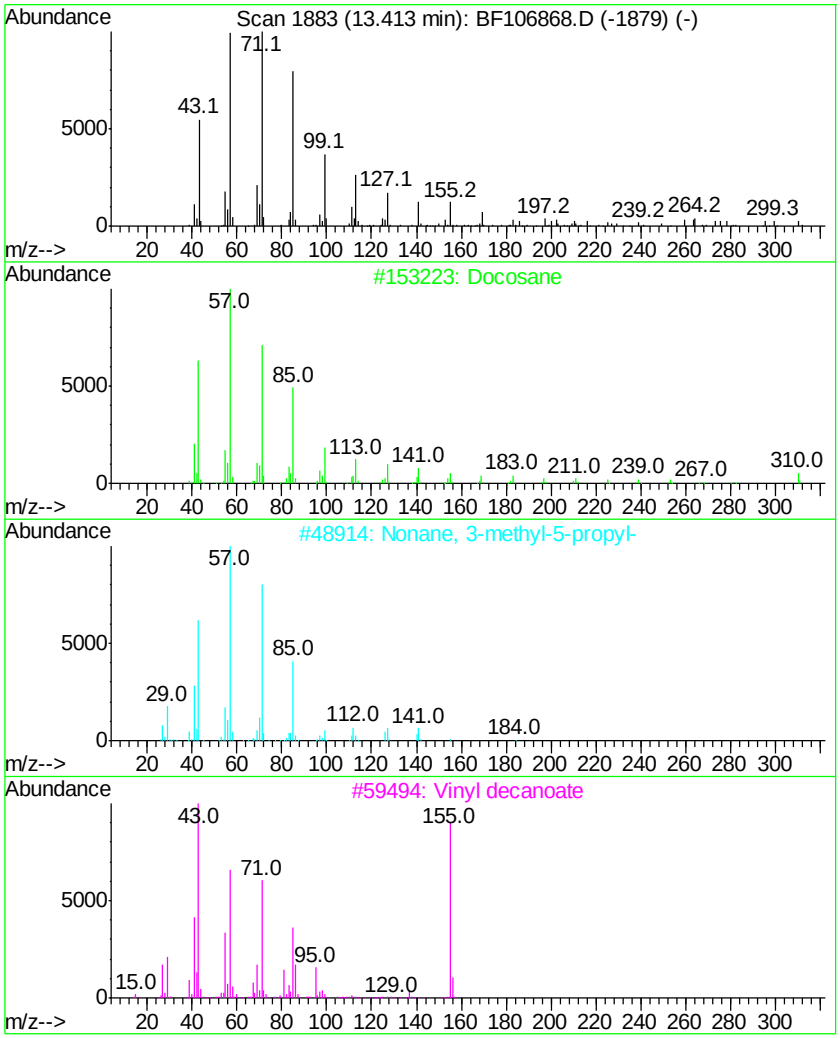
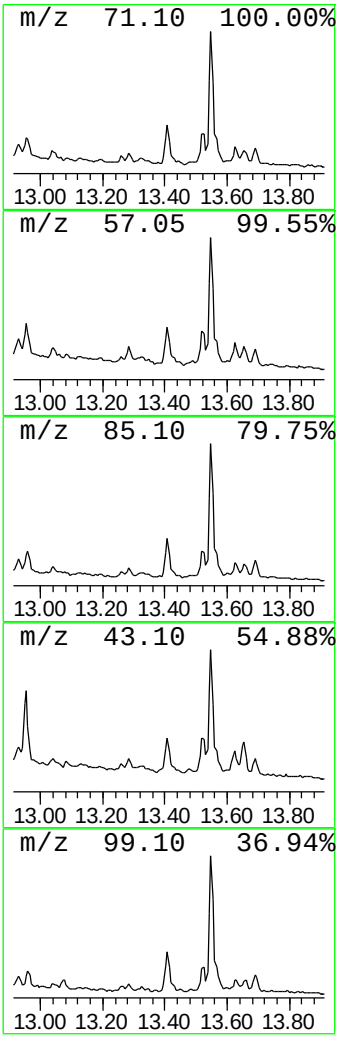
Peak Number 12 Docosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	12.61 ng	207540	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	72
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
3	Vinyl decanoate	198	C12H22O2	004704-31-8	53
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	49
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	46





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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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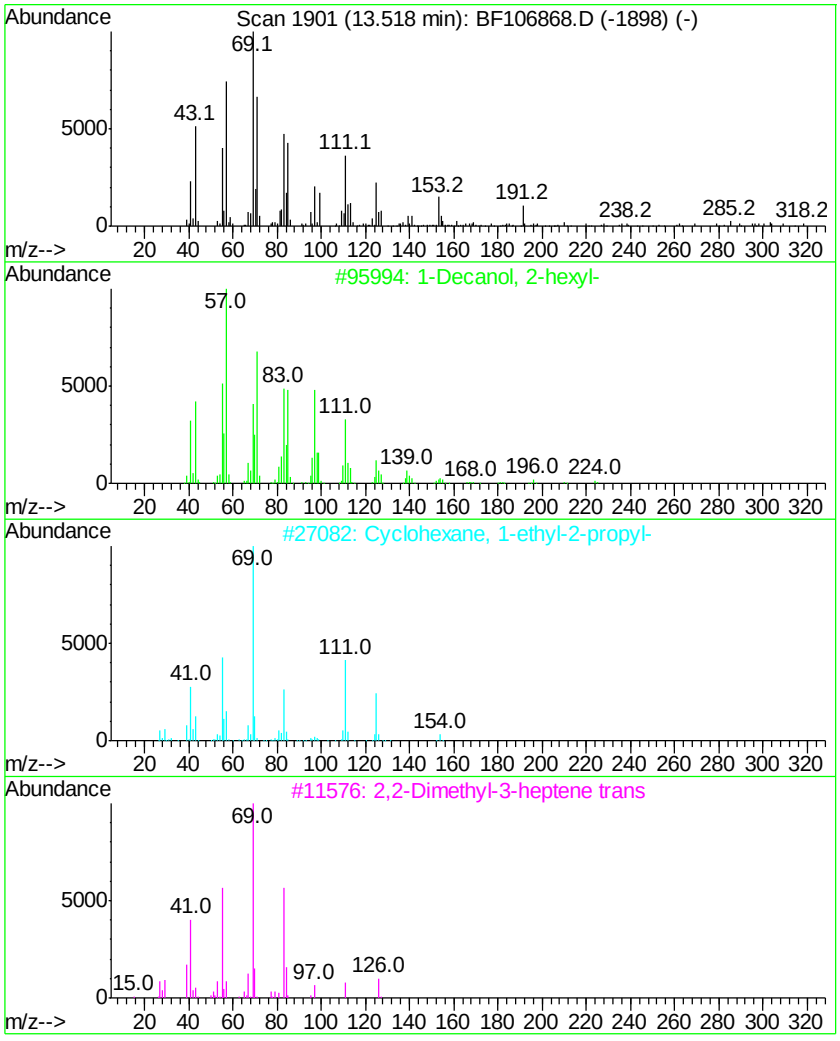
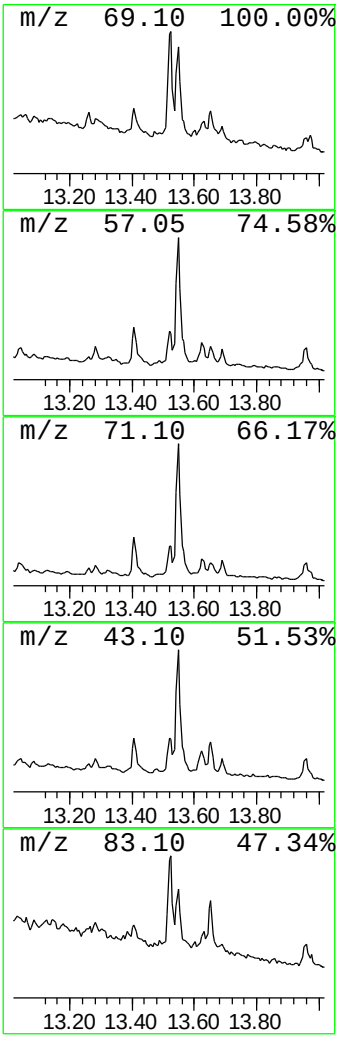
Peak Number 13 unknown13.52 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	23.50 ng	386832	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	43
2	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	43
3	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	38
4	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	38
5	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	35





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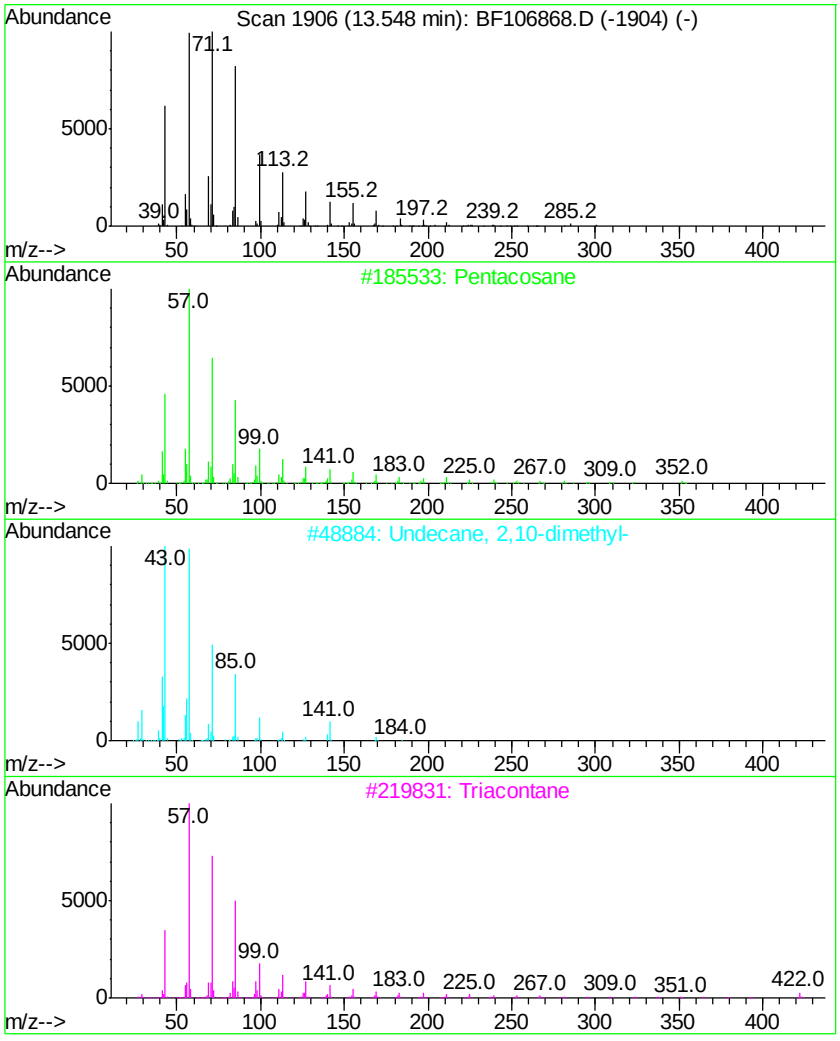
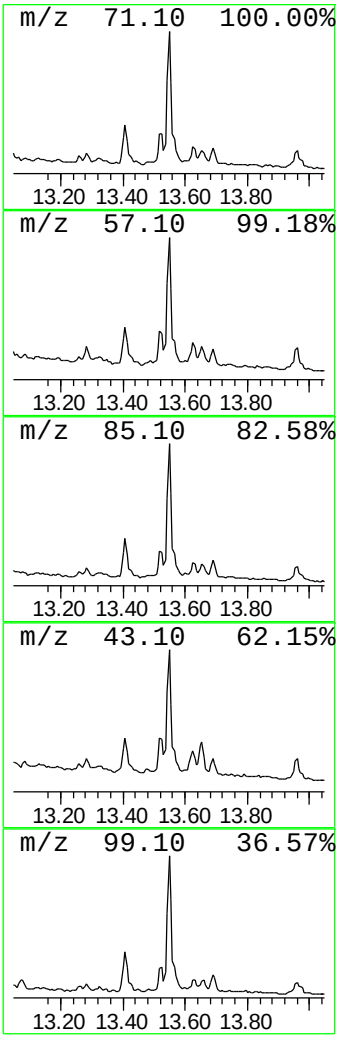
Peak Number 14 Pentacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	36.02 ng	592941	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	86
2	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	64
3	Triacontane	422	C30H62	000638-68-6	53
4	Nonane, 1-iodo-	254	C9H19I	004282-42-2	53
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	50





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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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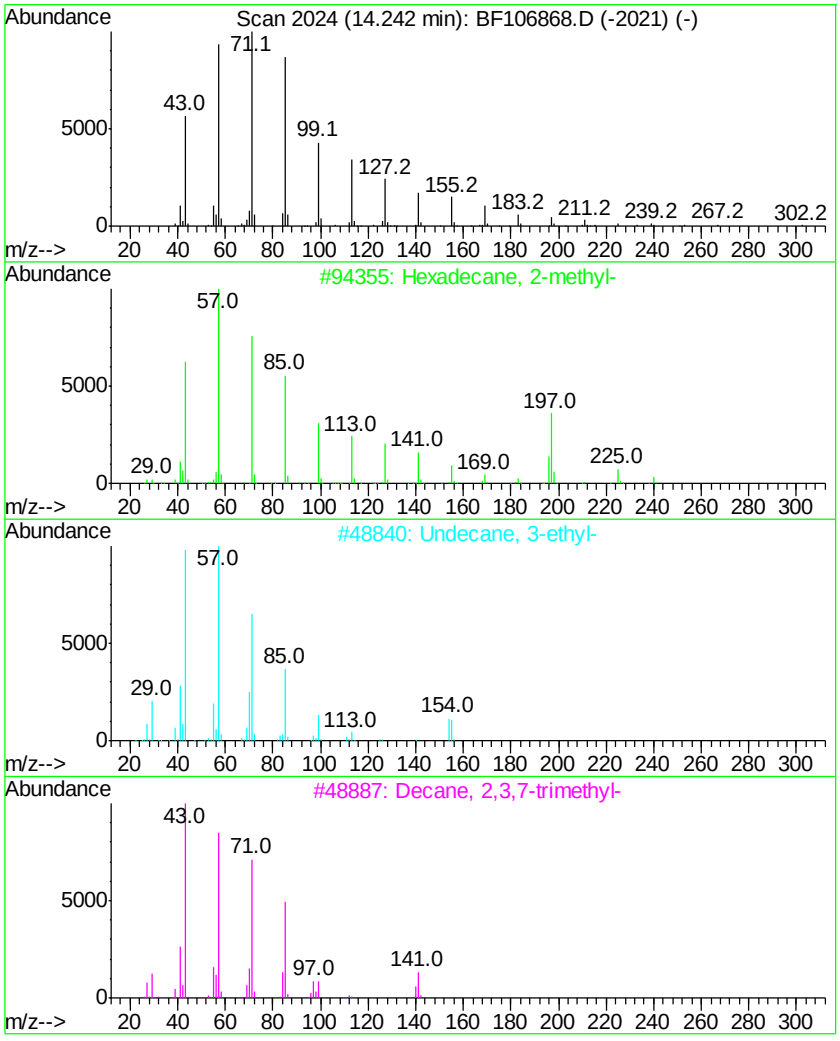
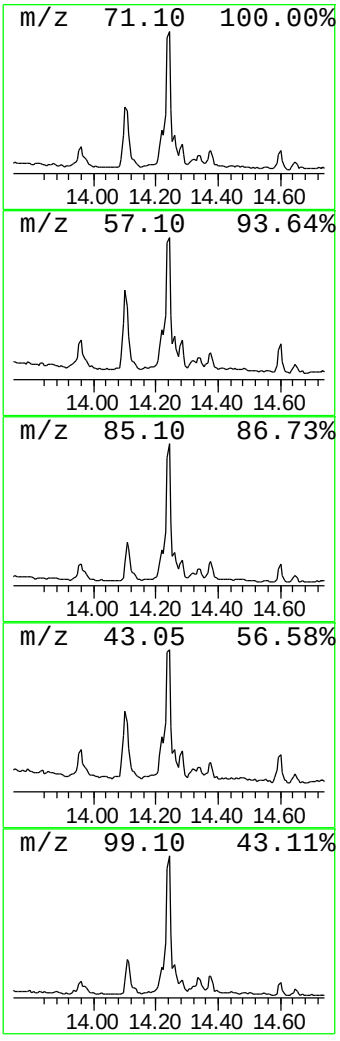
Peak Number 15 Hexadecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	30.27 ng	498212	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	86
2	Undecane, 3-ethyl-	184	C13H28	017312-58-2	53
3	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	50
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
5	Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	43





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Data File : BF106868.D
Acq On : 27 Jun 2018 13:38
Operator : JU/SJ
Sample : J3683-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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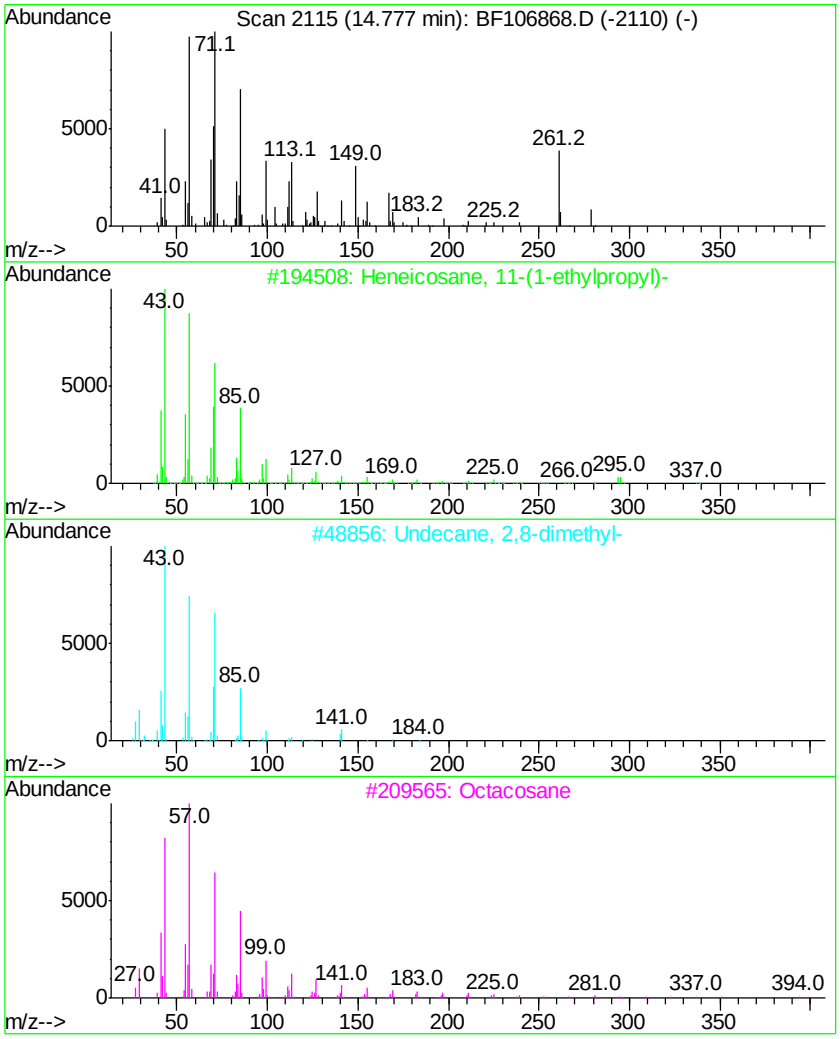
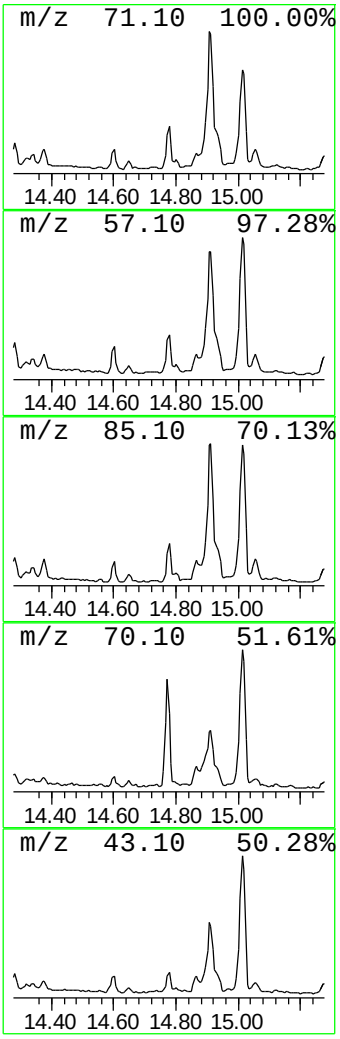
Peak Number 16 Heneicosane, 11-(1-ethylpro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	13.19 ng	217121	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	50
2	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	47
3	Octacosane	394	C28H58	000630-02-4	46
4	Decane, 4-methyl-	156	C11H24	002847-72-5	43
5	2-methyloctacosane	408	C29H60	1000376-72-8	43





Library Search Compound Report

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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : DRUM-2-3

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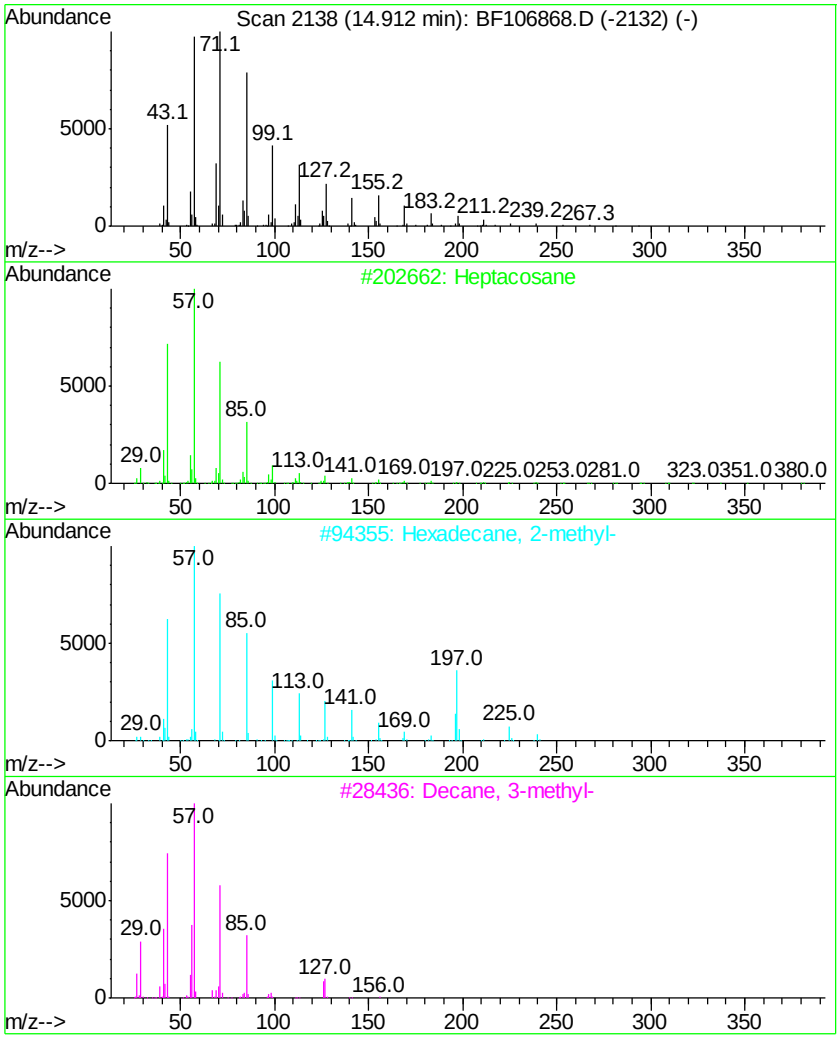
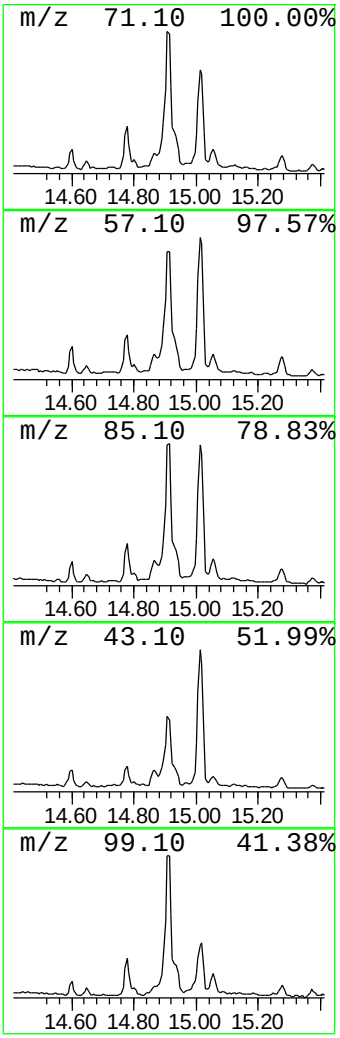
Peak Number 17 Heptacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	53.30 ng	877348	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	64
3	Decane, 3-methyl-	156	C11H24	013151-34-3	58
4	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	52





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Operator : JU/SJ
Sample : J3683-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-3

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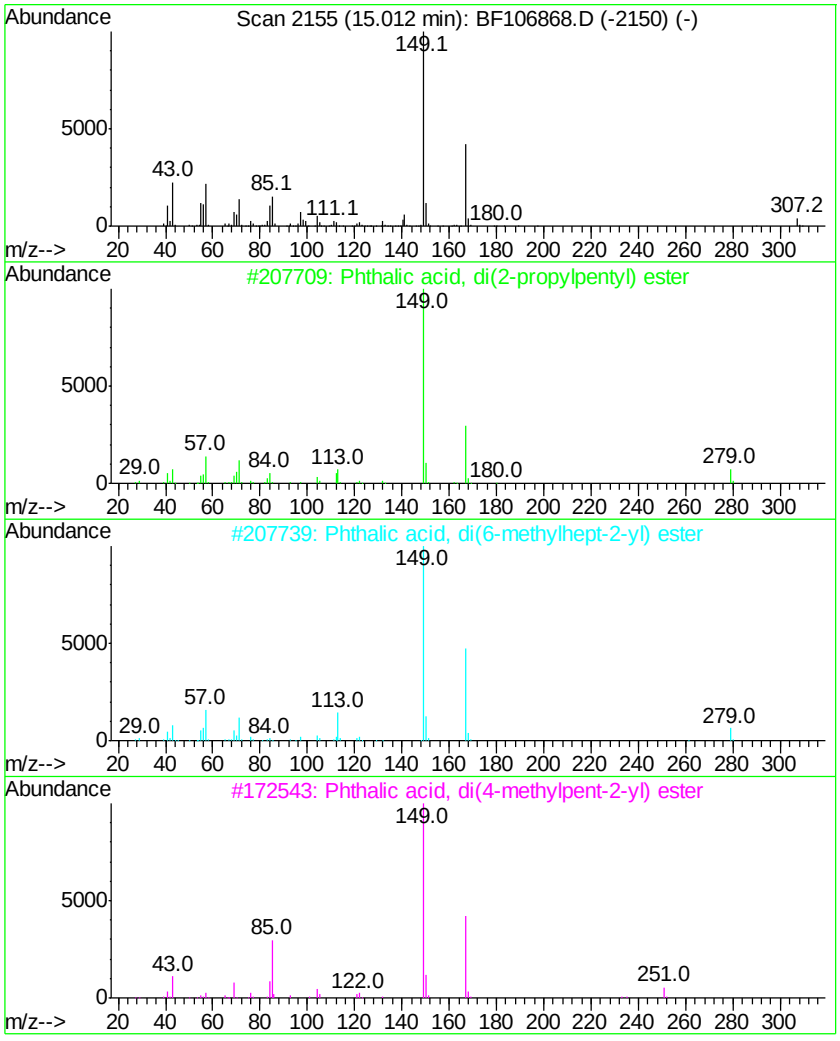
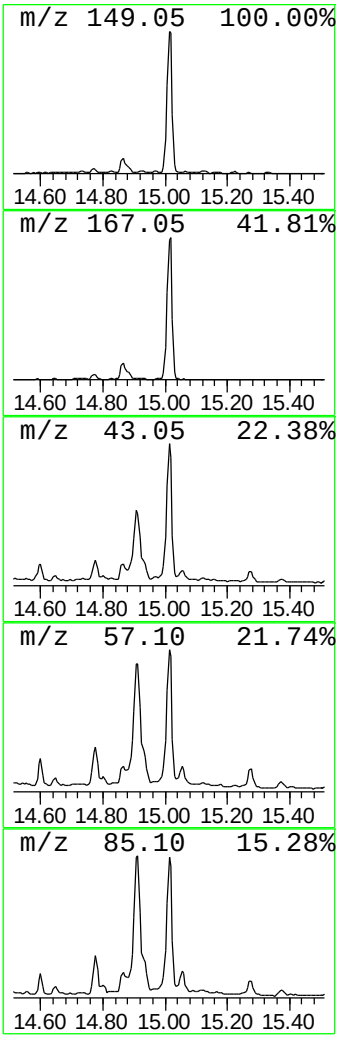
Peak Number 18 Phthalic acid, di(2-propylp... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	28.38 ng	1550500	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, di(2-propylpentyl...	390	C24H38O4	1000377-93-5	80
2	Phthalic acid, di(6-methylhept-2...	390	C24H38O4	1000377-97-3	72
3	Phthalic acid, di(4-methylpent-2...	334	C20H30O4	1000356-88-6	72
4	Phthalic acid, hept-3-yl isohexy...	348	C21H32O4	1000356-98-9	59
5	Phthalic acid, cycloheptyl isohe...	346	C21H30O4	1000322-83-1	59





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ClientSampleId : DRUM-2-3

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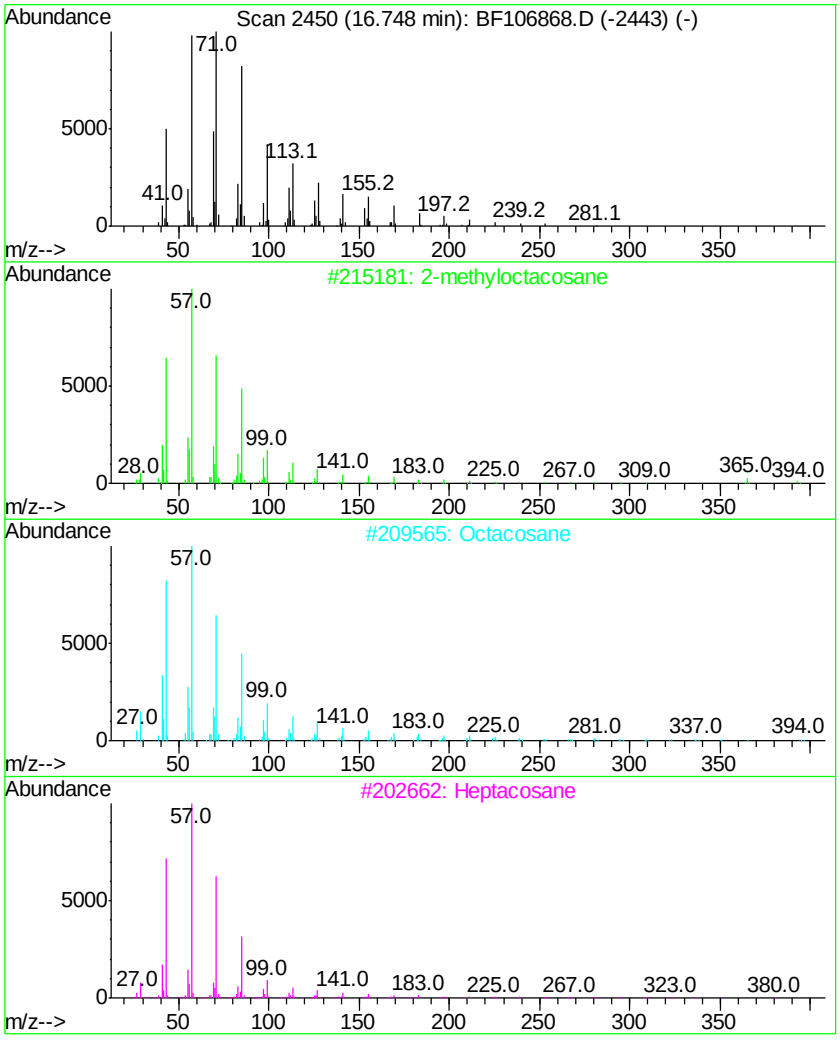
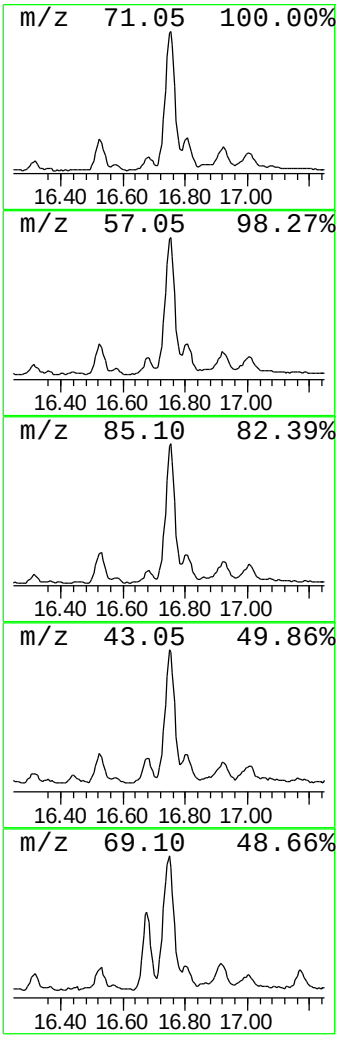
Peak Number 19 2-methyloctacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	13.59 ng	742513	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Octacosane	394	C28H58	000630-02-4	83
3	Heptacosane	380	C27H56	000593-49-7	78
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	72
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	62





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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TIC Integration Parameters: LSCINT.P

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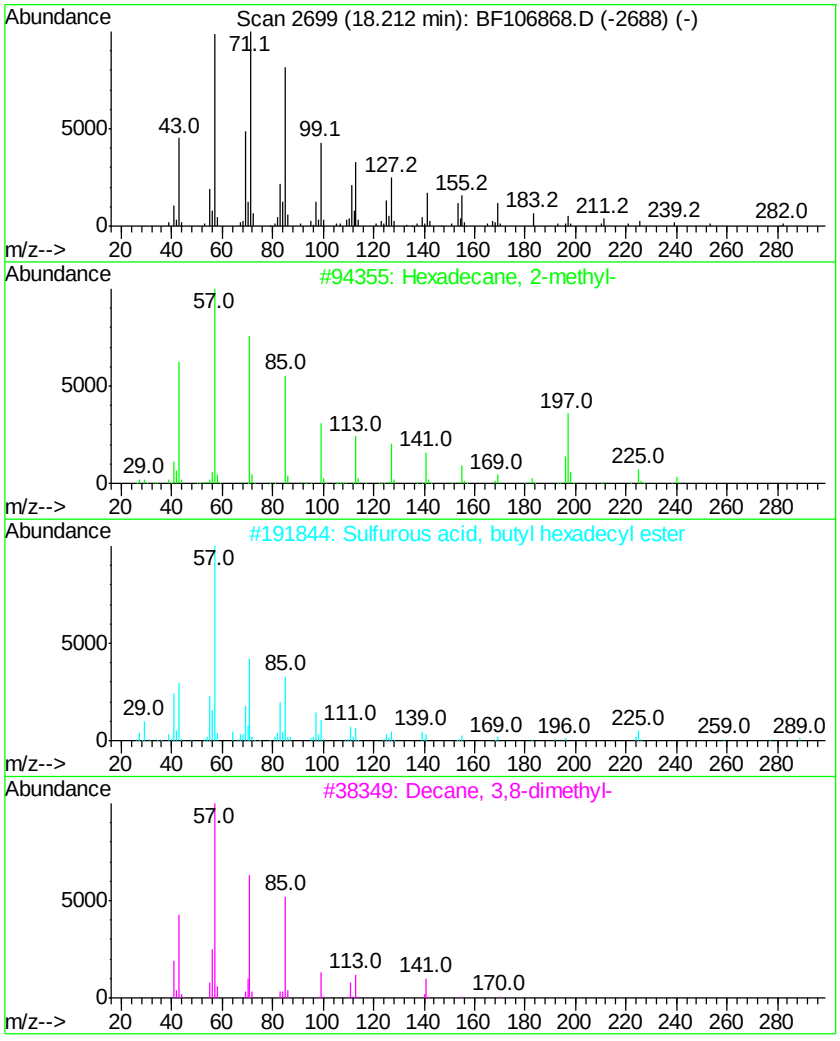
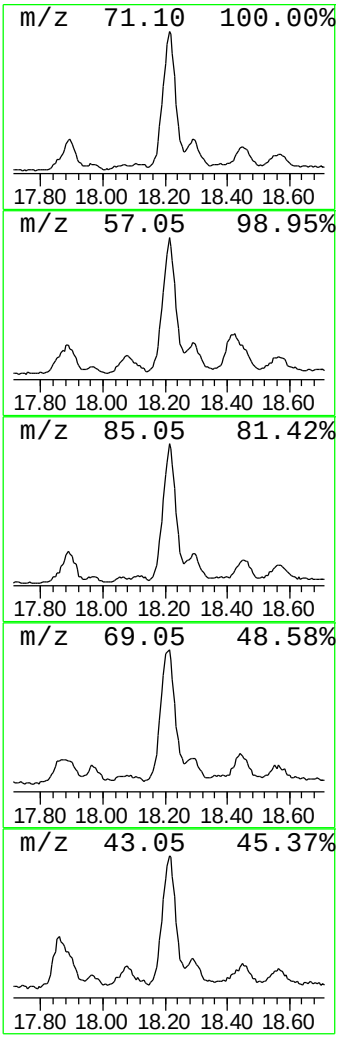
Peak Number 20 unknown18.21 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	13.16 ng	719246	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	80
2	Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	64
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	53
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	47





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.73	6.73	43.5	ng	580368	1	6.95	266830	20.0
Sulfurous acid, 2...	10.90	20.9	ng	323818	4	11.49	310308	20.0
unknown11.03	11.03	13.5	ng	209684	4	11.49	310308	20.0
unknown11.09	11.09	26.8	ng	416396	4	11.49	310308	20.0
2-Bromo dodecane	11.37	14.4	ng	223277	4	11.49	310308	20.0
Dotriacontyl trif...	11.95	15.8	ng	245307	4	11.49	310308	20.0
unknown11.99	11.99	32.8	ng	508930	4	11.49	310308	20.0
Octacosane	12.51	16.4	ng	254312	4	11.49	310308	20.0
Hexadecane	12.81	28.1	ng	436442	4	11.49	310308	20.0
5-Octadecene, (E)-	12.95	15.3	ng	251438	5	14.15	329203	20.0
Docosane	13.41	12.6	ng	207540	5	14.15	329203	20.0
unknown13.52	13.52	23.5	ng	386832	5	14.15	329203	20.0
Pentacosane	13.55	36.0	ng	592941	5	14.15	329203	20.0
Hexadecane, 2-met...	14.24	30.3	ng	498212	5	14.15	329203	20.0
Heneicosane, 11-(...	14.78	13.2	ng	217121	5	14.15	329203	20.0
Heptacosane	14.91	53.3	ng	877348	5	14.15	329203	20.0
Phthalic acid, di...	15.01	28.4	ng	1550500	6	15.69	1092860	20.0
2-methyloctacosane	16.75	13.6	ng	742513	6	15.69	1092860	20.0
unknown18.21	18.21	13.2	ng	719246	6	15.69	1092860	20.0