LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098593.D
Acq On : 16 Sep 2017 2:39
Operator : SJ/JU
Sample : I5217-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LP-SLUDGE

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:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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	4.822	462	465	478	rBV	212065	320963	7.73%	0.594%
2	5.257	534	539	552	rBV	2932572	3071579	74.02%	5.685%
3	5.881	641	645	647	rBV	76132	81993	1.98%	0.152%
4	6.128	681	687	691	rBV	256506	284468	6.86%	0.527%
5	6.228	701	704	706	rBV	74274	69023	1.66%	0.128%
6	6.251	706	708	712	rVB2	74822	83356	2.01%	0.154%
7	6.298	712	716	720	rBV	2846401	3255793	78.46%	6.026%
8	6.416	732	736	742	rVB	3256770	3151291	75.94%	5.833%
9	6.481	742	747	748	rBV2	63213	70100	1.69%	0.130%
10	6.575	757	763	766	rBV	101198	130029	3.13%	0.241%
11	6.645	770	775	776	rBV	791075	789151	19.02%	1.461%
12	6.698	781	784	786	rBV3	61371	70618	1.70%	0.131%
13	6.722	786	788	792	rVB	137591	130255	3.14%	0.241%
14	6.763	792	795	797	rBV	478800	475073	11.45%	0.879%
15	6.798	797	801	808	rVB	2388437	2300626	55.44%	4.258%
16	6.863	808	812	815	rBV5	64895	102263	2.46%	0.189%
17	6.898	815	818	819	rBV	123400	121504	2.93%	0.225%
18	6.916	819	821	826	rVB	523303	526627	12.69%	0.975%
19	6.987	830	833	836	rBV	530282	467578	11.27%	0.865%
20	7.034	838	841	845	rBV4	95813	94163	2.27%	0.174%
21	7.081	845	849	851	rBV	233680	255558	6.16%	0.473%
22	7.157	858	862	865	rBV3	127478	186636	4.50%	0.345%
23	7.186	865	867	868	rVV2	115722	104678	2.52%	0.194%
24	7.216	868	872	875	rVV	1850622	1774412	42.76%	3.284%
25	7.245	875	877	880	rVB	150988	132563	3.19%	0.245%
26	7.281	880	883	889	rBV6	83702	156649	3.78%	0.290%
27	7.334	889	892	894	rBV3	55505	67264	1.62%	0.125%
28	7.375	894	899	900	rVB2	58816	90667	2.18%	0.168%
29	7.398	900	903	907	rBV2	168349	172992	4.17%	0.320%
30	7.445	909	911	914	rVB	130866	108260	2.61%	0.200%
31	7.545	923	928	929	rBV2	81145	95992	2.31%	0.178%
32	7.616	936	940	944	rBV2	120784	179947	4.34%	0.333%
33	7.669	947	949	953	rVV	157514	183347	4.42%	0.339%
34	7.704	953	955	956	rVV	111742	86012	2.07%	0.159%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098593.D
Acq On : 16 Sep 2017 2:39
Operator : SJ/JU
Sample : I5217-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LP-SLUDGE

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:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.722	956	958	960	rVV	98653	101123	2.44%	0.187%
36	7.745	960	962	966	rVB3	86601	95082	2.29%	0.176%
37	7.810	966	973	975	rBV2	82488	120348	2.90%	0.223%
38	7.928	987	993	996	rBV	1059280	928389	22.37%	1.718%
39	7.992	1002	1004	1007	rVB	296618	222426	5.36%	0.412%
40	8.222	1038	1043	1046	rVV4	129301	229375	5.53%	0.425%
41	8.275	1049	1052	1055	rVV	123141	114834	2.77%	0.213%
42	8.310	1055	1058	1061	rVV	139427	132198	3.19%	0.245%
43	8.351	1061	1065	1074	rVB	373442	485314	11.70%	0.898%
44	8.522	1091	1094	1098	rBV3	61731	82537	1.99%	0.153%
45	8.616	1107	1110	1113	rVB2	103738	132954	3.20%	0.246%
46	8.804	1139	1142	1144	rBV	92351	86257	2.08%	0.160%
47	8.833	1144	1147	1149	rVV3	89616	114641	2.76%	0.212%
48	8.951	1165	1167	1170	rVB	279439	214105	5.16%	0.396%
49	9.004	1171	1176	1179	rBV	2833232	2414132	58.18%	4.468%
50	9.086	1185	1190	1194	rBV5	65103	141168	3.40%	0.261%
51	9.339	1230	1233	1235	rVV2	87255	100412	2.42%	0.186%
52	9.404	1239	1244	1247	rVV	659237	655724	15.80%	1.214%
53	9.680	1284	1291	1294	rBV2	1076898	1072479	25.85%	1.985%
54	9.839	1314	1318	1322	rVV4	37532	64745	1.56%	0.120%
55	9.939	1331	1335	1339	rVB5	67349	79880	1.93%	0.148%
56	10.198	1376	1379	1383	rBV	165544	139577	3.36%	0.258%
57	10.333	1398	1402	1405	rBV	146526	144860	3.49%	0.268%
58	10.469	1421	1425	1429	rVB	1498734	1431097	34.49%	2.649%
59	10.604	1442	1448	1453	rBV2	637876	749631	18.07%	1.388%
60	10.651	1453	1456	1459	rVV	785140	775103	18.68%	1.435%
61	10.686	1459	1462	1465	rVV2	1096619	1246876	30.05%	2.308%
62	10.722	1465	1468	1470	rVV2	1019536	972764	23.44%	1.801%
63	10.745	1470	1472	1474	rVV	638608	502619	12.11%	0.930%
64	10.774	1474	1477	1480	rVV2	378783	585520	14.11%	1.084%
65	10.804	1480	1482	1484	rVV	312995	290803	7.01%	0.538%
66	10.833	1484	1487	1490	rVV2	747630	873300	21.05%	1.616%
67	10.869	1490	1493	1495	rVV	899706	794871	19.16%	1.471%
68	10.892	1495	1497	1498	rVV	360696	319121	7.69%	0.591%
69	10.910	1498	1500	1505	rVB	623830	507419	12.23%	0.939%
70	10.992	1511	1514	1516	rBV	65785	74457	1.79%	0.138%
71	11.033	1518	1521	1522	rVV2	69574	67958	1.64%	0.126%

LSC Area Percent Report

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Data File : BF098593.D
Acq On : 16 Sep 2017 2:39
Operator : SJ/JU
Sample : I5217-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LP-SLUDGE

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:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.063	1522	1526	1530	rVV2	178621	250410	6.03%	0.464%
73	11.098	1530	1532	1539	rVB4	66039	103842	2.50%	0.192%
74	11.163	1539	1543	1546	rBV	978015	824962	19.88%	1.527%
75	11.798	1649	1651	1654	rVB2	78938	66847	1.61%	0.124%
76	11.898	1665	1668	1672	rBV4	120200	113361	2.73%	0.210%
77	12.016	1684	1688	1691	rBV	1226813	1162198	28.01%	2.151%
78	12.104	1700	1703	1706	rVB	210076	178909	4.31%	0.331%
79	12.410	1752	1755	1762	rVB	197045	193731	4.67%	0.359%
80	12.586	1782	1785	1790	rVB5	95399	105569	2.54%	0.195%
81	12.745	1808	1812	1816	rBV	1706587	1633566	39.37%	3.024%
82	12.880	1832	1835	1838	rVB	401719	336589	8.11%	0.623%
83	13.645	1962	1965	1970	rVB2	90380	108138	2.61%	0.200%
84	13.798	1988	1991	1995	rVB	654031	582956	14.05%	1.079%
85	14.627	2130	2132	2136	rVB	69876	70388	1.70%	0.130%
86	14.727	2145	2149	2158	rBV8	114578	187153	4.51%	0.346%
87	15.080	2206	2209	2212	rVB2	139122	156933	3.78%	0.290%
88	15.204	2225	2230	2235	rVB	493593	626778	15.10%	1.160%
89	15.309	2245	2248	2254	rVB5	66574	102619	2.47%	0.190%
90	15.515	2281	2283	2288	rVB	80194	88822	2.14%	0.164%
91	15.827	2328	2336	2352	rVB2	2095424	4149577	100.00%	7.681%
92	16.009	2357	2367	2371	rVV3	1143196	2620046	63.14%	4.850%
93	16.051	2371	2374	2386	rVB	1003618	1764637	42.53%	3.266%
94	16.239	2402	2406	2413	rVB	193776	316758	7.63%	0.586%
95	16.656	2472	2477	2482	rBV2	138948	227764	5.49%	0.422%
96	16.809	2496	2503	2515	rVB3	342613	842050	20.29%	1.559%
97	17.051	2535	2544	2551	rBV7	189461	566392	13.65%	1.048%
98	17.121	2551	2556	2563	rVB6	104274	225805	5.44%	0.418%
99	17.380	2595	2600	2604	rVB8	43348	76897	1.85%	0.142%
100	17.933	2689	2694	2704	rVB8	34086	86457	2.08%	0.160%

Sum of corrected areas: 54025683

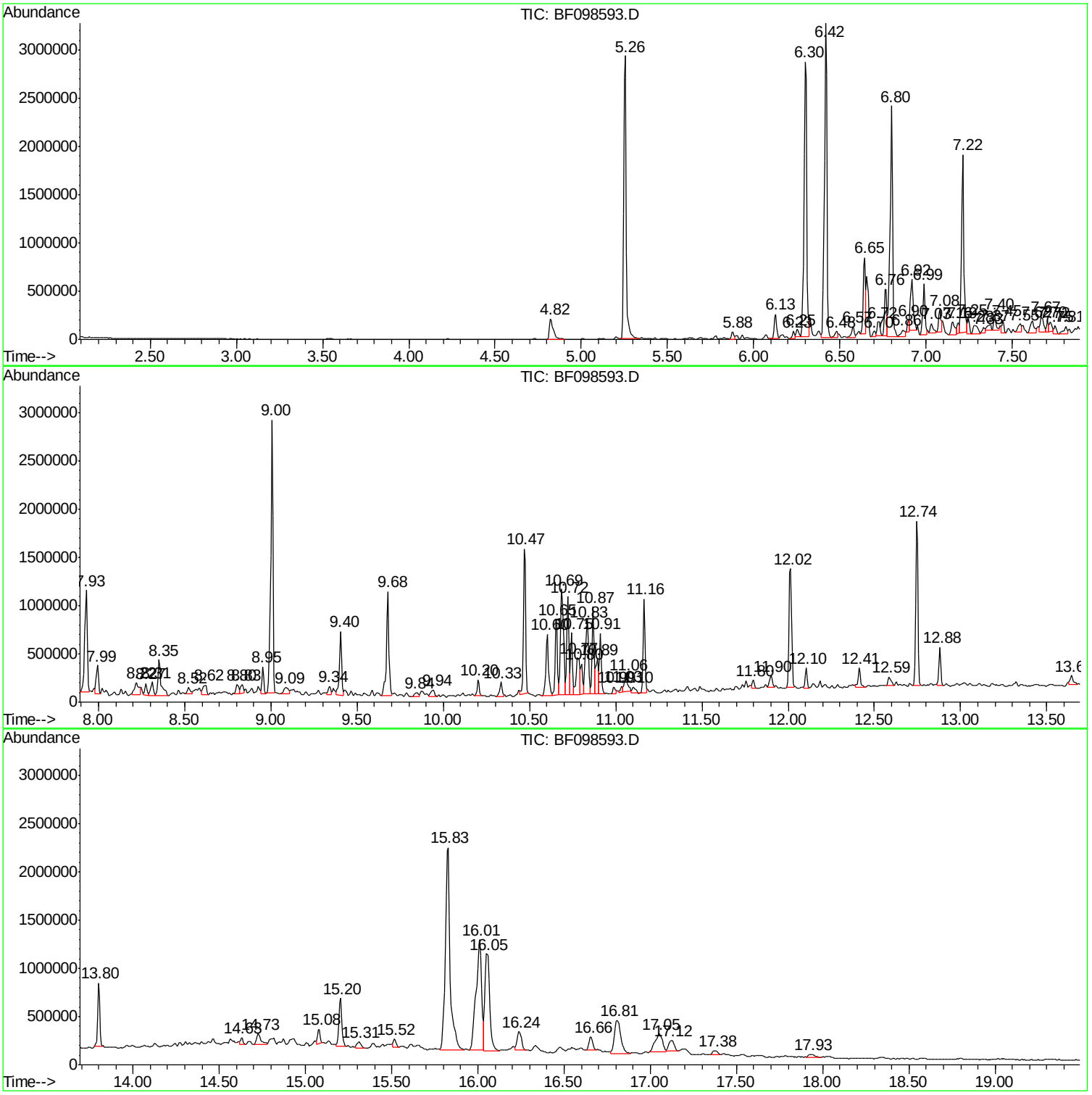
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098593.D
Acq On : 16 Sep 2017 2:39
Operator : SJ/JU
Sample : I5217-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LP-SLUDGE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098593.D
Acq On : 16 Sep 2017 2:39
Operator : SJ/JU
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

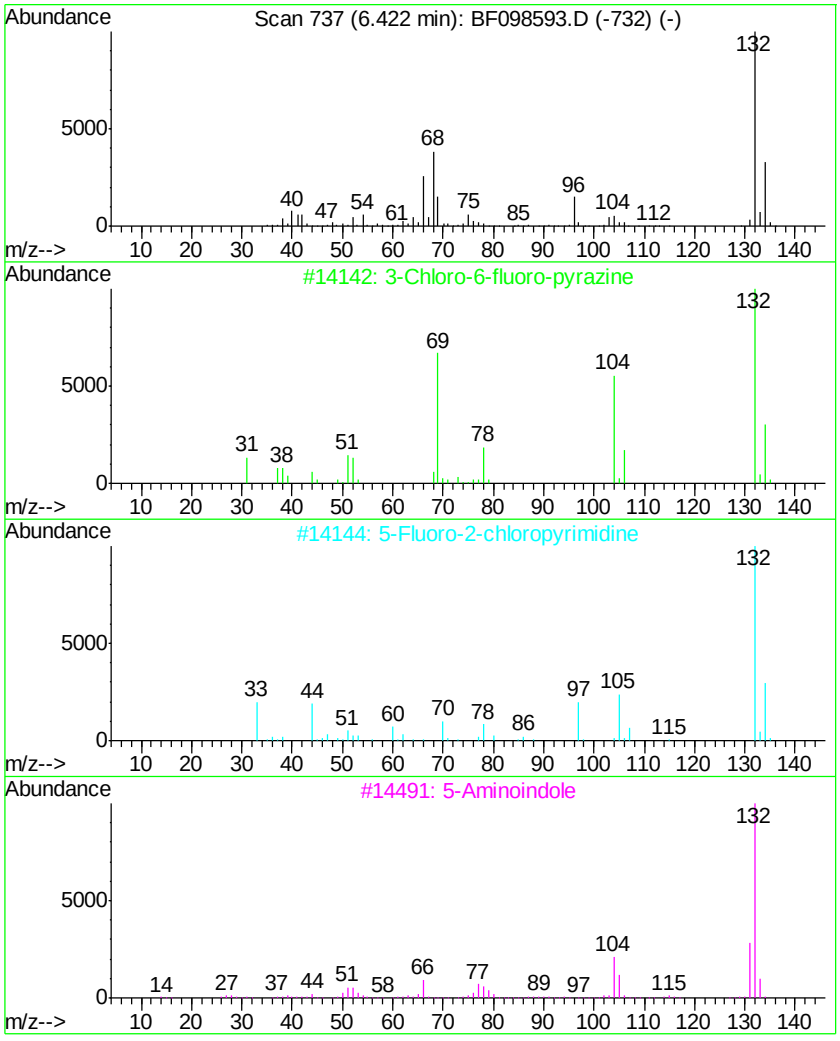
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

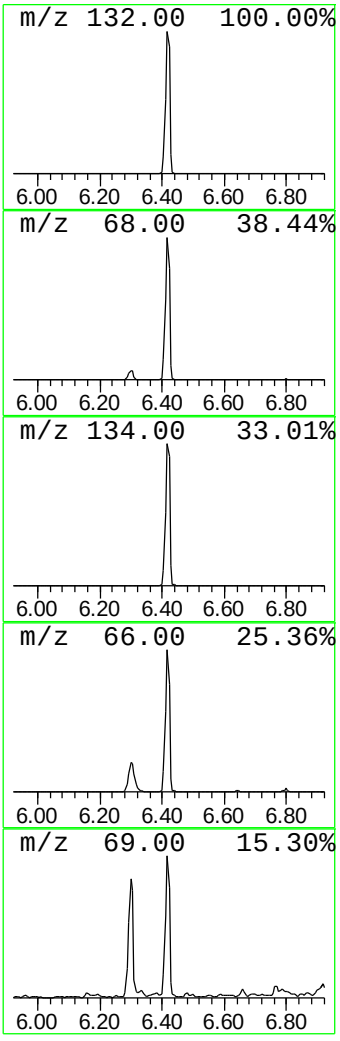
****

Peak Number 1 unknown6.42 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	79.87 ng	3151290	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098593.D
Acq On : 16 Sep 2017 2:39
Operator : SJ/JU
Sample : I5217-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LP-SLUDGE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

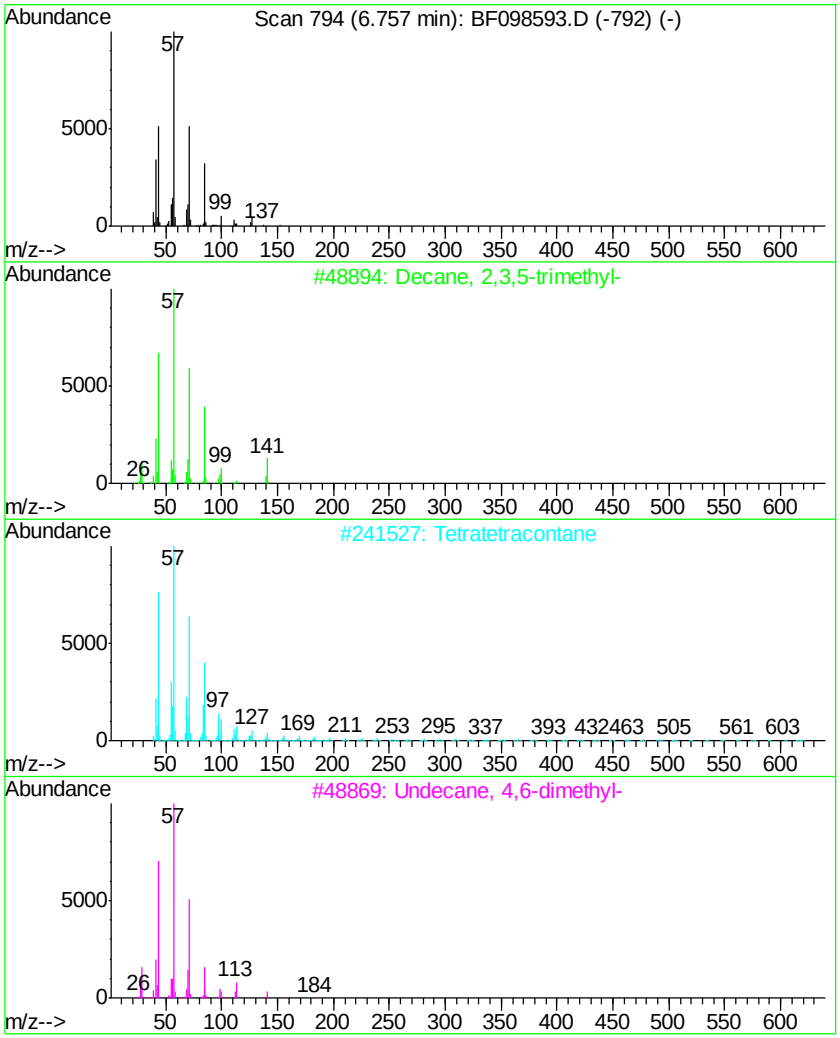
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

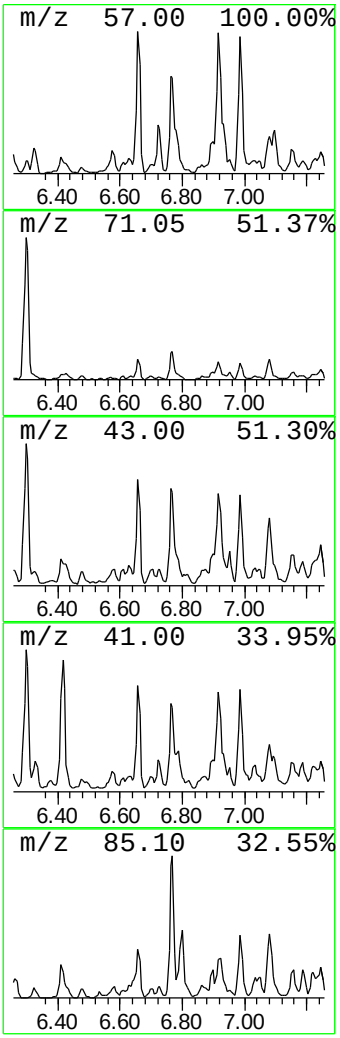
****

Peak Number 2 Decane, 2,3,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	12.04 ng	475073	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
2	Tetratetracontane	619	C44H90	007098-22-8	72
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5	Heneicosane	296	C21H44	000629-94-7	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098593.D
Acq On : 16 Sep 2017 2:39
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Sample : I5217-02
Misc :
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Instrument : BNA_F
ClientSampleId : LP-SLUDGE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

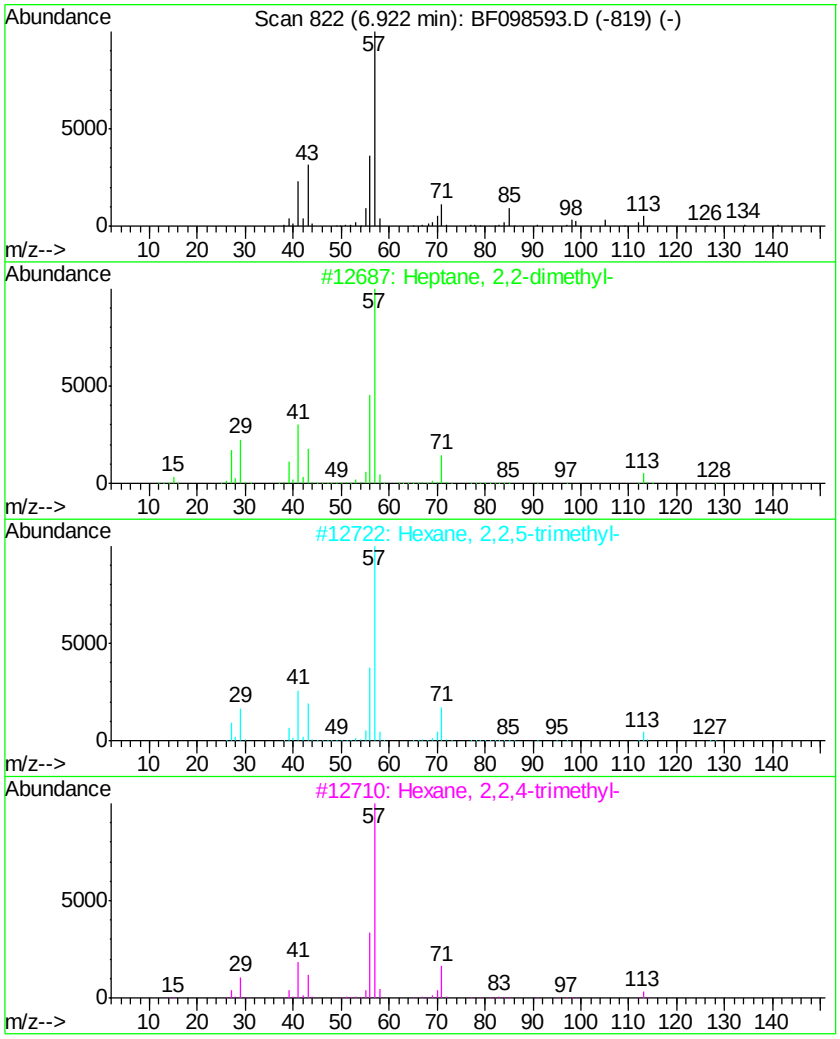
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

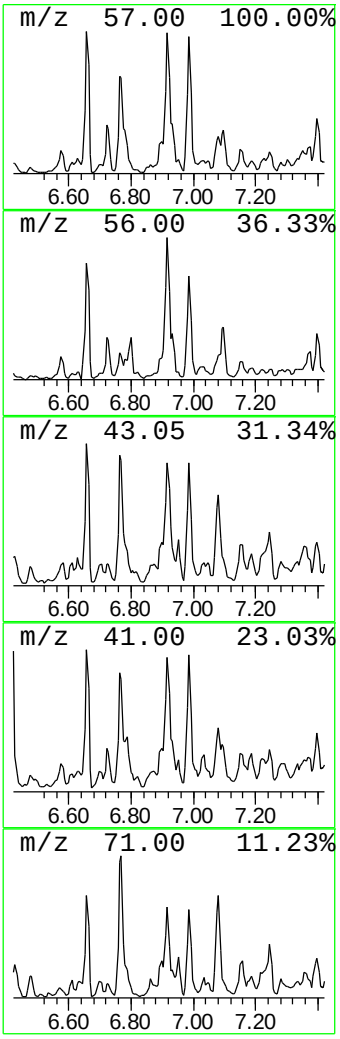
****

Peak Number 4 Heptane, 2,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	13.35 ng	526627	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	72
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	72
4	Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	64
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098593.D
Acq On : 16 Sep 2017 2:39
Operator : SJ/JU
Sample : I5217-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LP-SLUDGE

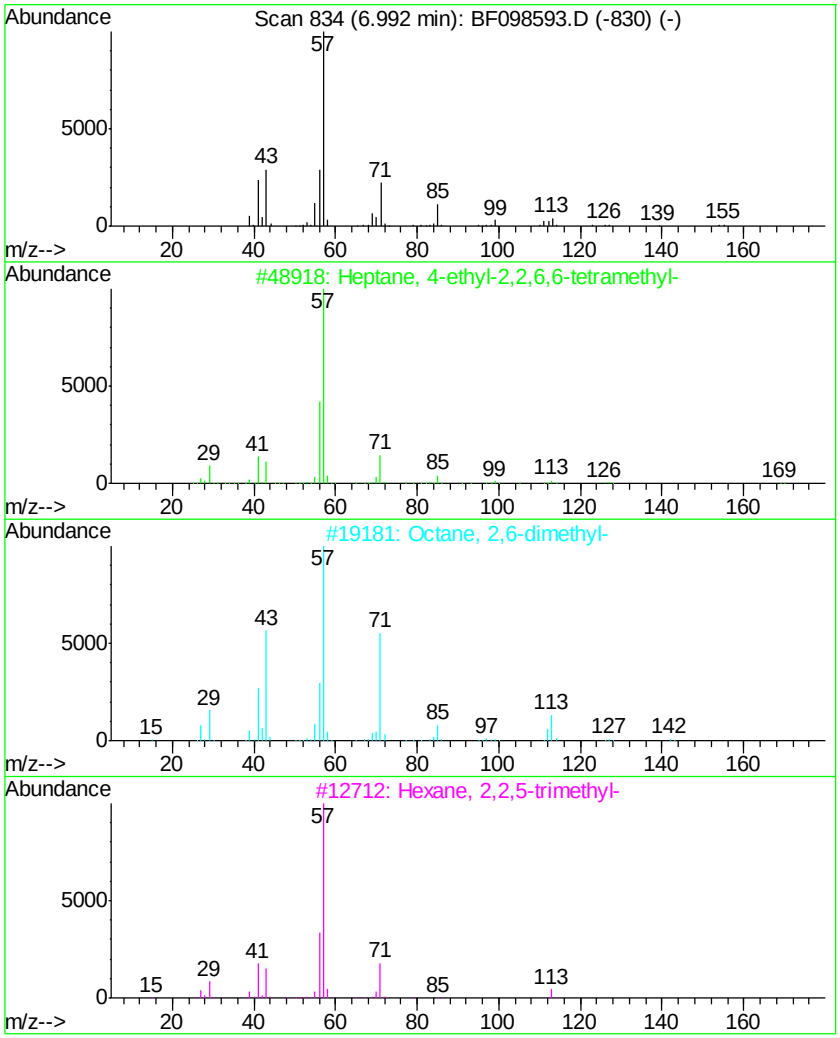
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

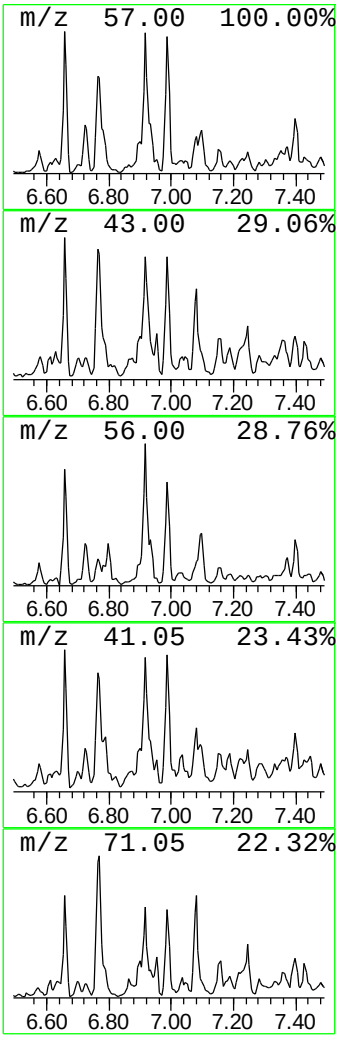
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptane, 4-ethyl-2,2,6,6-te... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	11.85 ng	467578	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	64
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
4	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	53
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098593.D
Acq On : 16 Sep 2017 2:39
Operator : SJ/JU
Sample : I5217-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LP-SLUDGE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

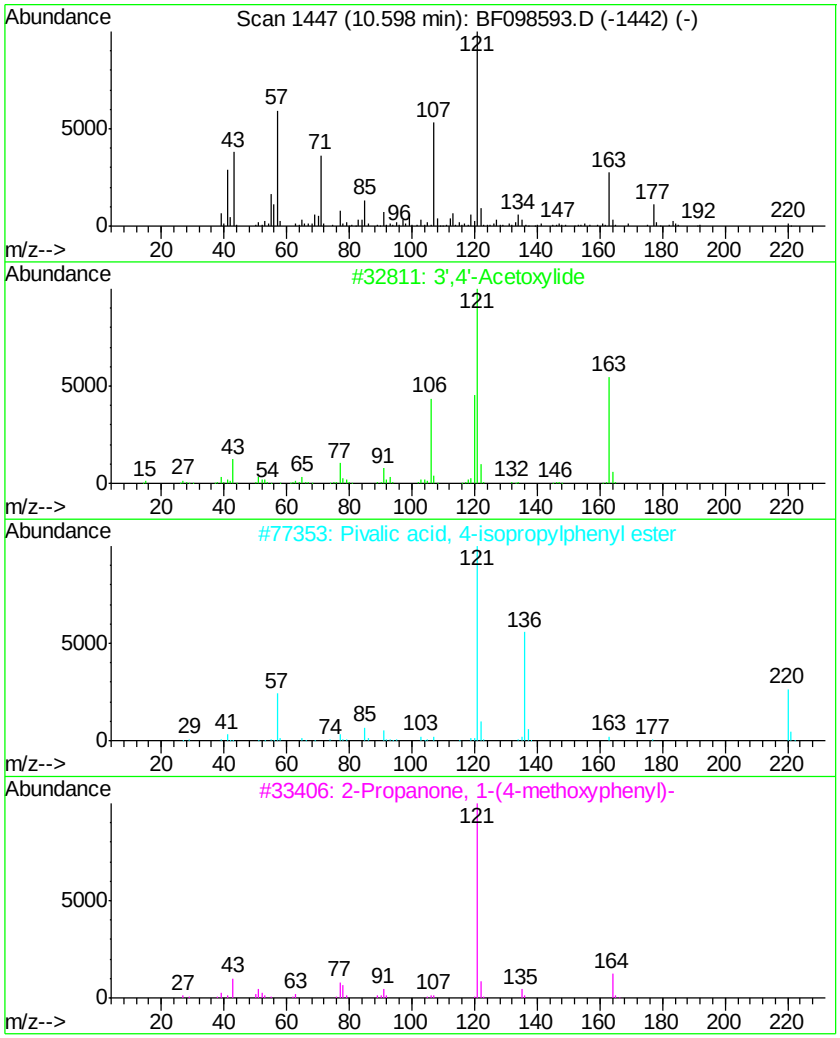
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

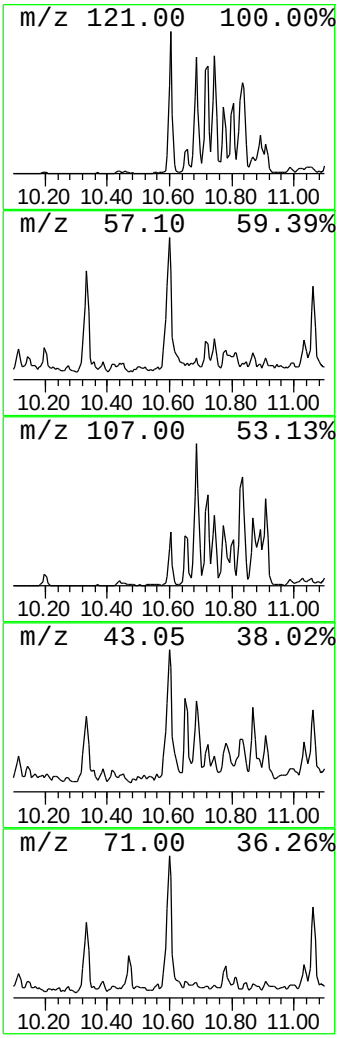
****

Peak Number 6 3',4'-Acetoxylide Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	18.17 ng	749631	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	52
2	Pivalic acid, 4-isopropylphenyl ...	220	C14H20O2	1000330-92-0	43
3	2-Propanone, 1-(4-methoxyphenyl)-	164	C10H12O2	000122-84-9	43
4	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	43
5	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	38





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Acq On : 16 Sep 2017 2:39
Operator : SJ/JU
Sample : I5217-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LP-SLUDGE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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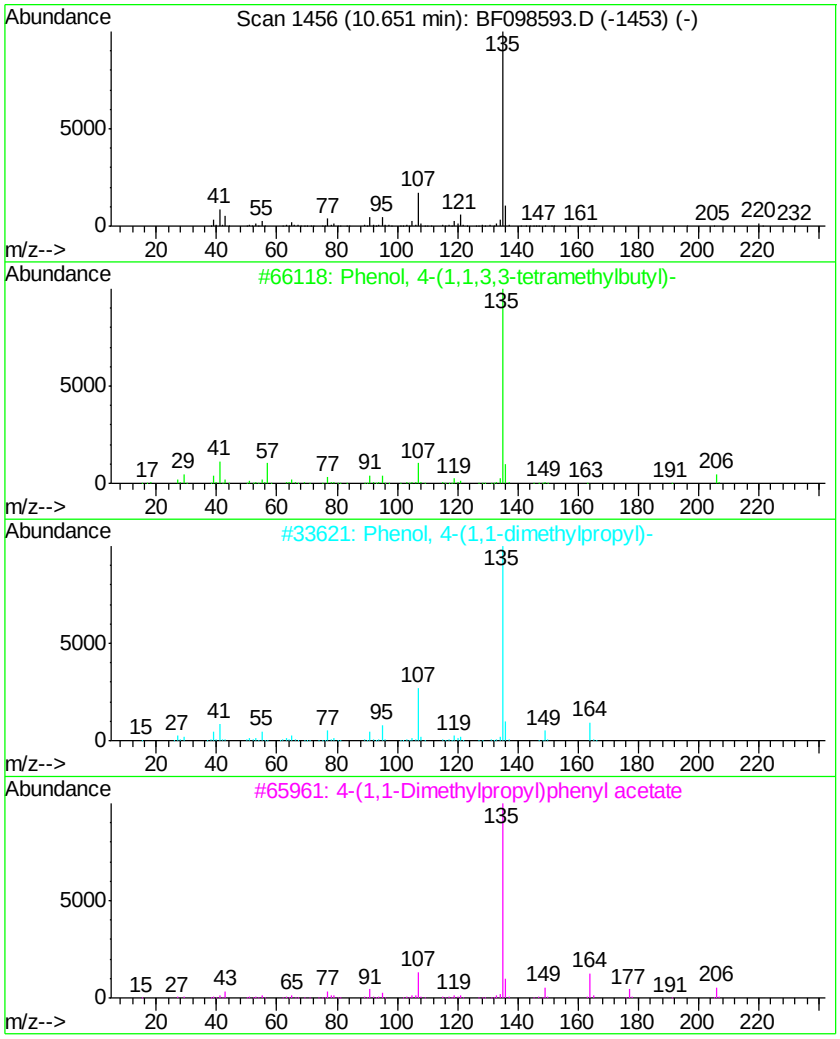
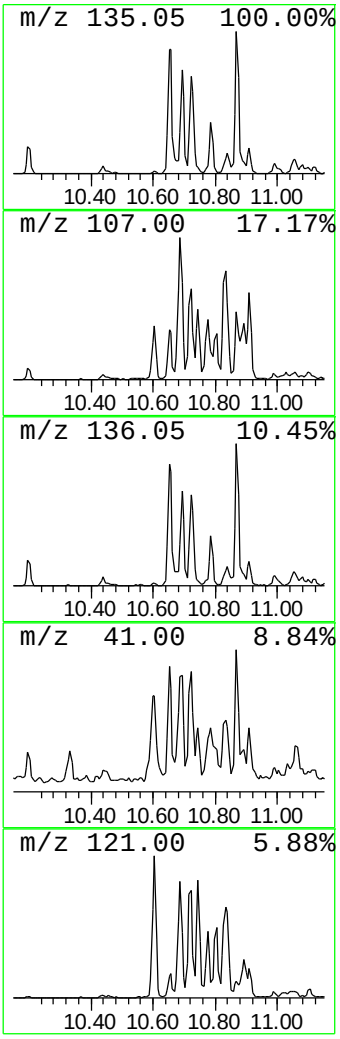
Peak Number 7 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	18.79 ng	775103	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
4	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	72
5	Butane, 1,3-dibromo-	214	C4H8Br2	000107-80-2	64





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Sample : I5217-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LP-SLUDGE

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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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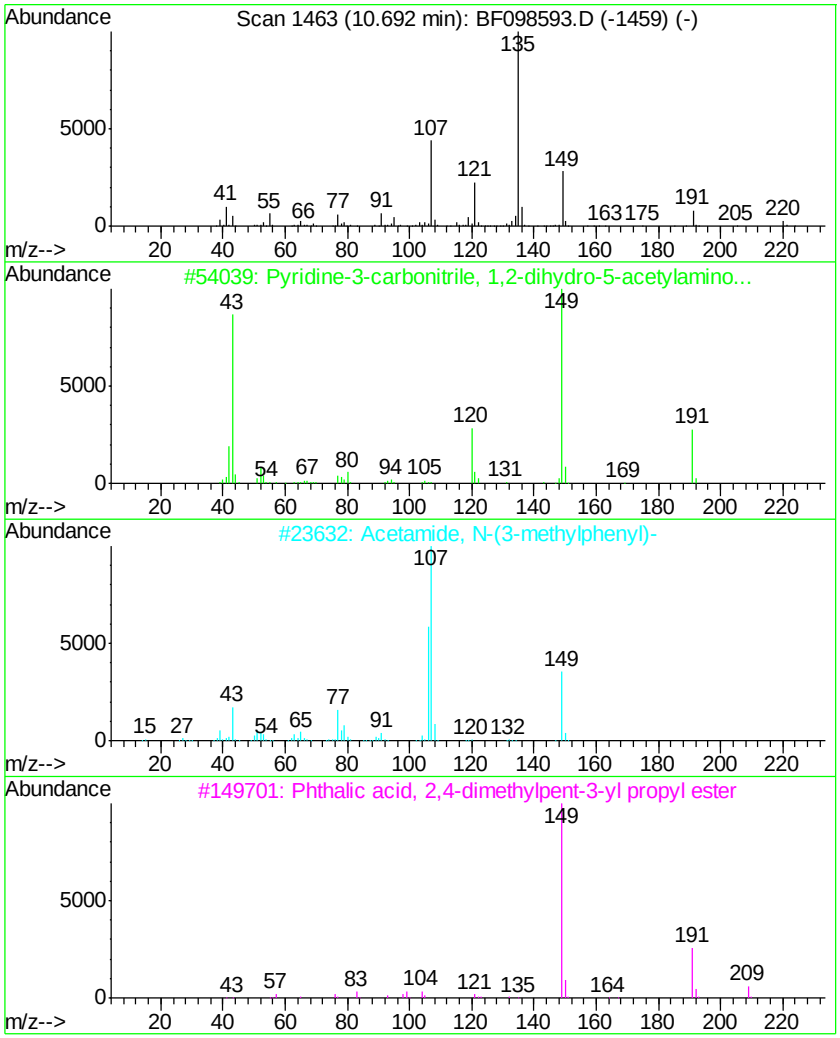
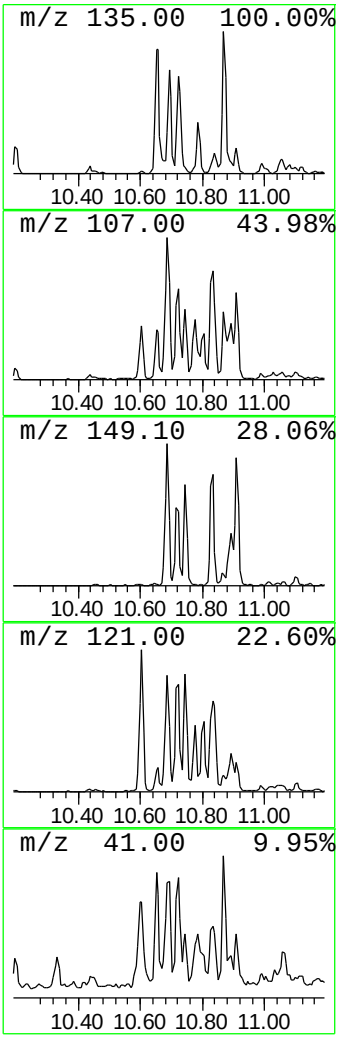
Peak Number 8 unknown10.69 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	30.23 ng	1246880	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
3	Phthalic acid, 2,4-dimethylpent-...	306	C18H26O4	1000356-84-2	35
4	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	32
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	27





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Sample : I5217-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LP-SLUDGE

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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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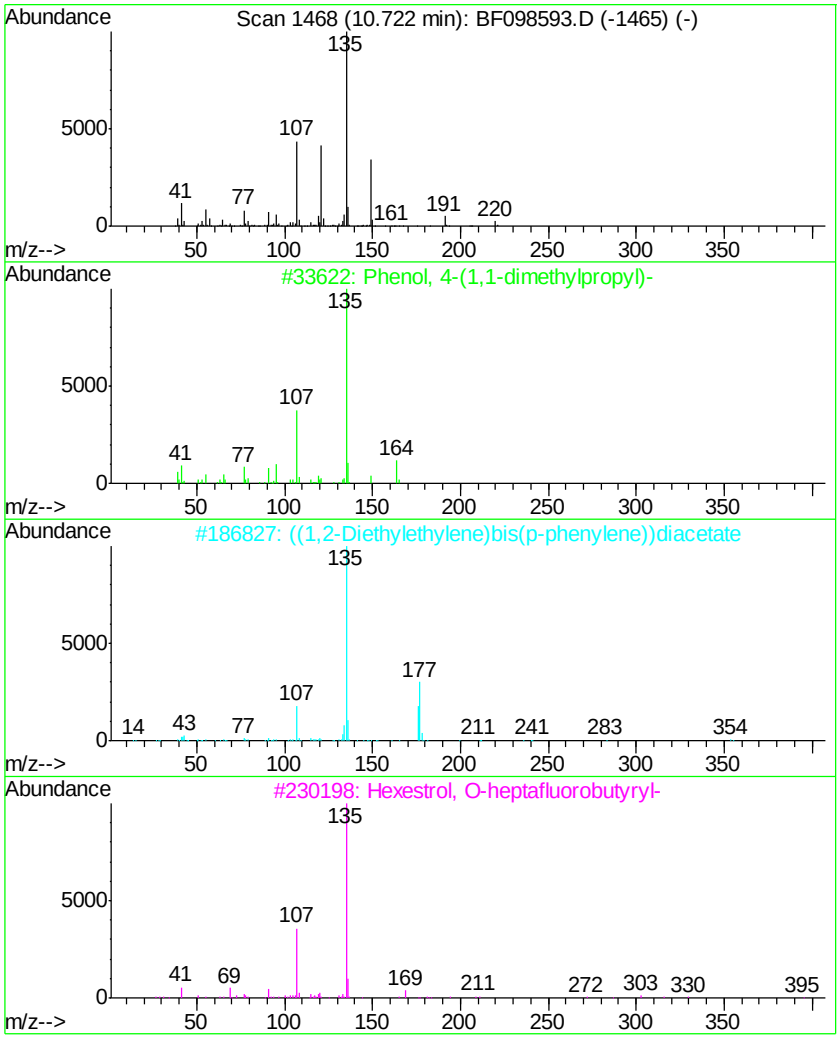
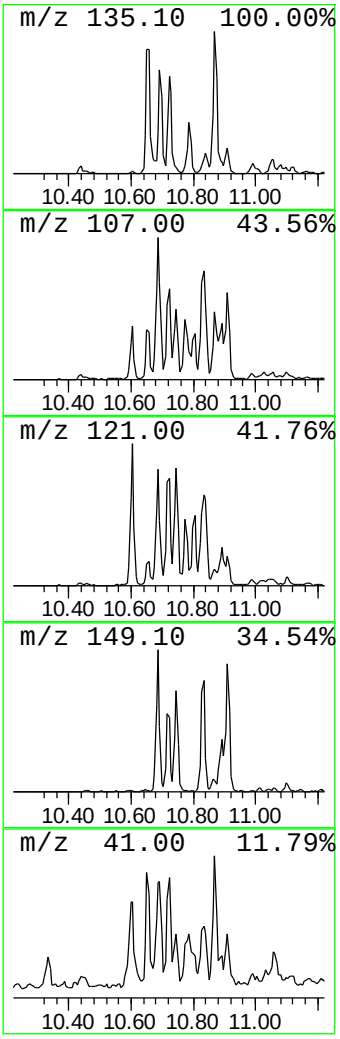
Peak Number 9 Phenol, 4-(1,1-dimethylprop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	23.58 ng	972764	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
2	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	59
3	Hexestrol, O-heptafluorobutyryl-	466	C22H21F7O3	1000365-31-9	53
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	53
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50





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Acq On : 16 Sep 2017 2:39
Operator : SJ/JU
Sample : I5217-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LP-SLUDGE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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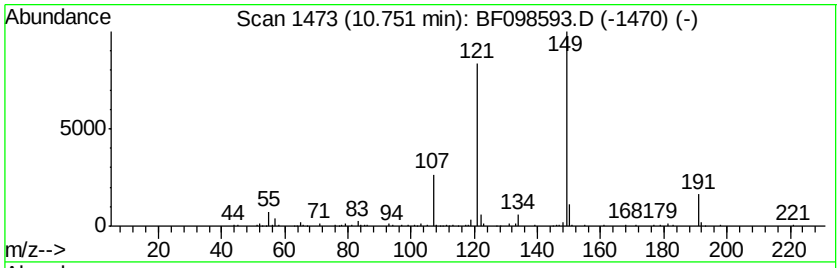
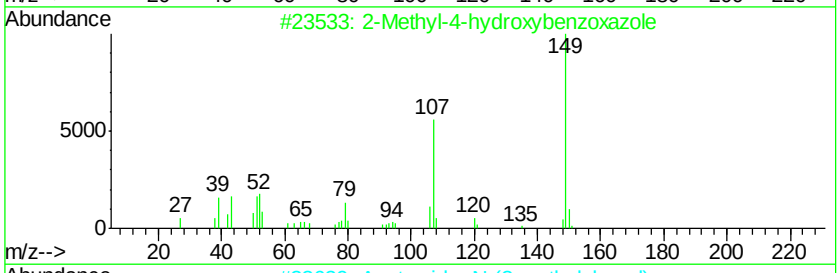
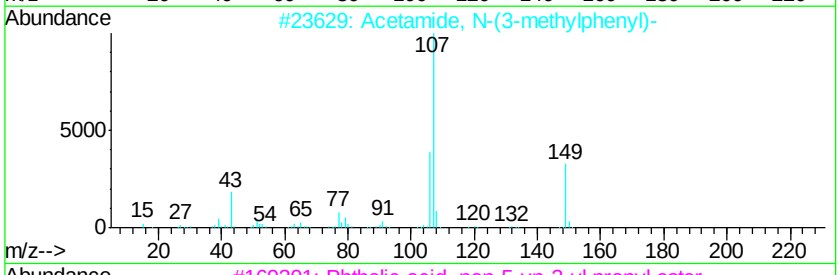
Peak Number 10 unknown10.75 Concentration Rank 18

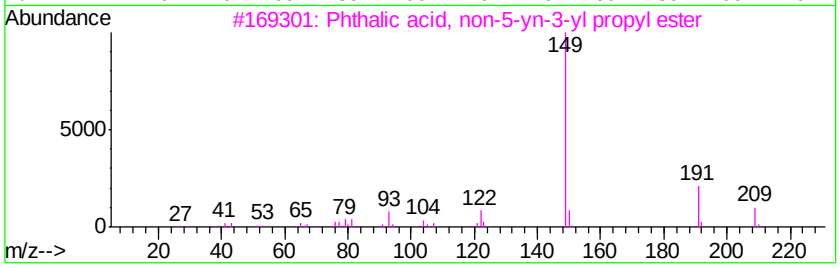
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	12.19 ng	502619	Phenanthrene-d10	11.16

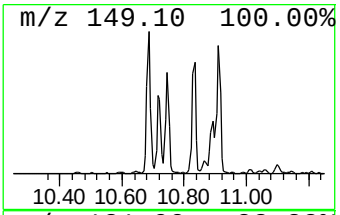
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	43
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
3	Phthalic acid, non-5-yn-3-yl pro...	330	C20H26O4	1000315-18-1	35
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	35
5	6-Amino-1-methylpurine	149	C6H7N5	005142-22-3	35

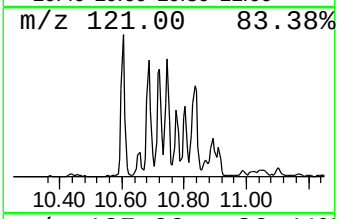


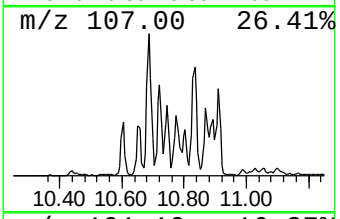


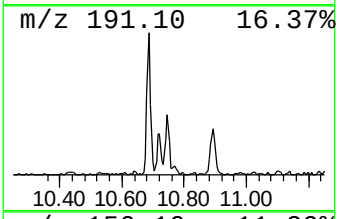


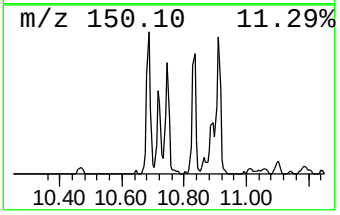












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Data File : BF098593.D
Acq On : 16 Sep 2017 2:39
Operator : SJ/JU
Sample : I5217-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LP-SLUDGE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

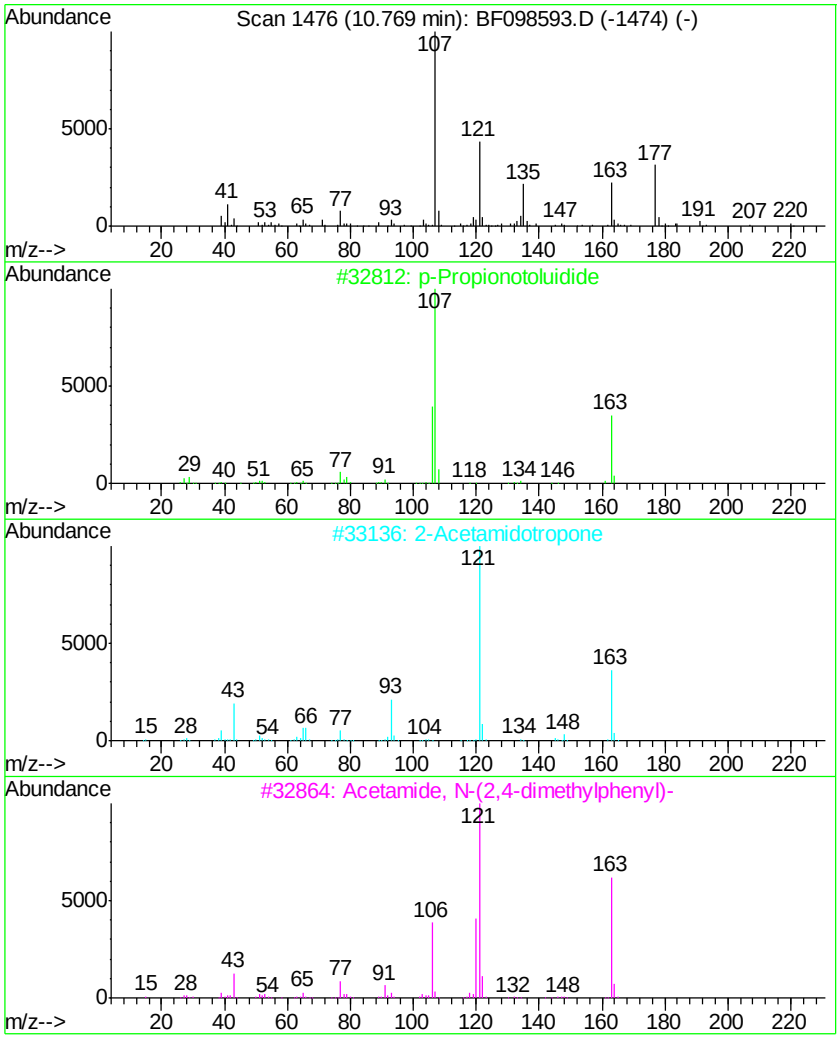
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

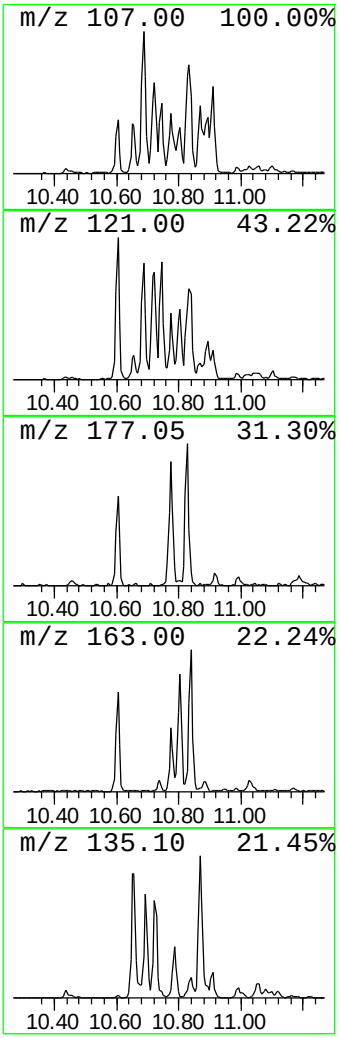
****

Peak Number 11 unknown10.77 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	14.20 ng	585520	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Propionotoluidide	163	C10H13NO	002759-55-9	35
2	2-Acetamidotropone	163	C9H9NO2	006422-12-4	35
3	Acetamide, N-(2,4-dimethylphenyl)-	163	C10H13NO	002050-43-3	35
4	Isobutyramide, N-methyl-N-phenyl-	177	C11H15NO	1000339-96-1	30
5	Propanamide, N-(3-methylphenyl)-...	177	C11H15NO	1000307-32-0	30





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Acq On : 16 Sep 2017 2:39
Operator : SJ/JU
Sample : I5217-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LP-SLUDGE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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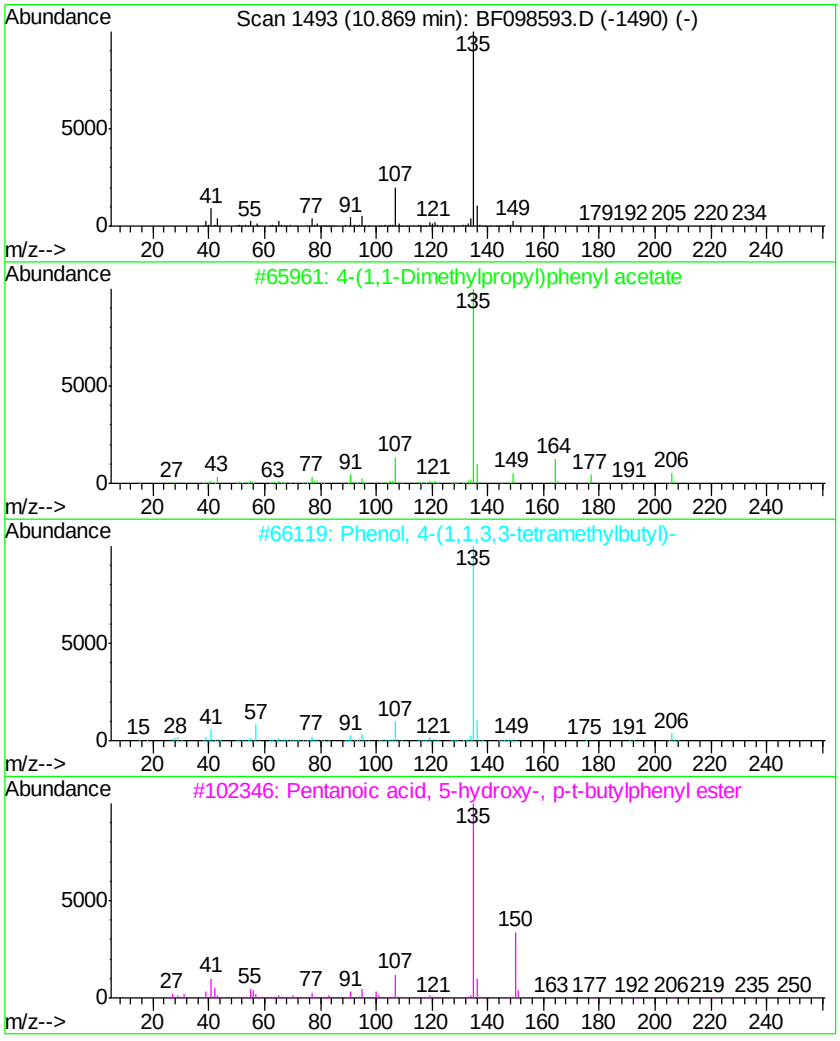
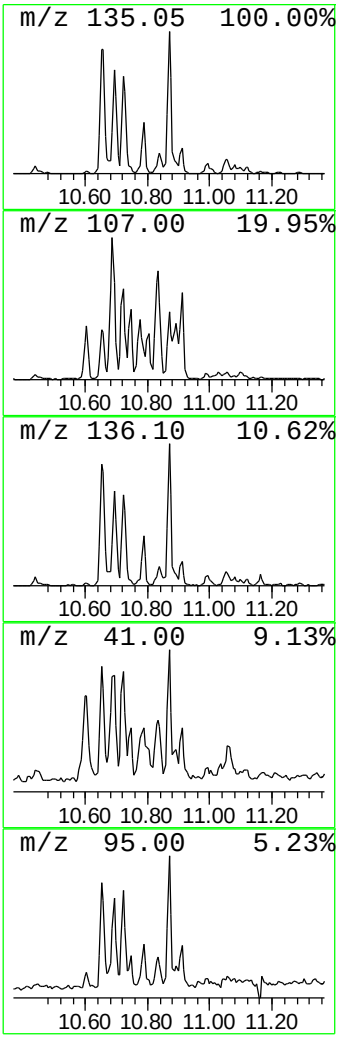
Peak Number 13 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	19.27 ng	794871	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	74
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	56
4	Hexestrol	270	C18H22O2	000084-16-2	56
5	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	56





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Sample : I5217-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LP-SLUDGE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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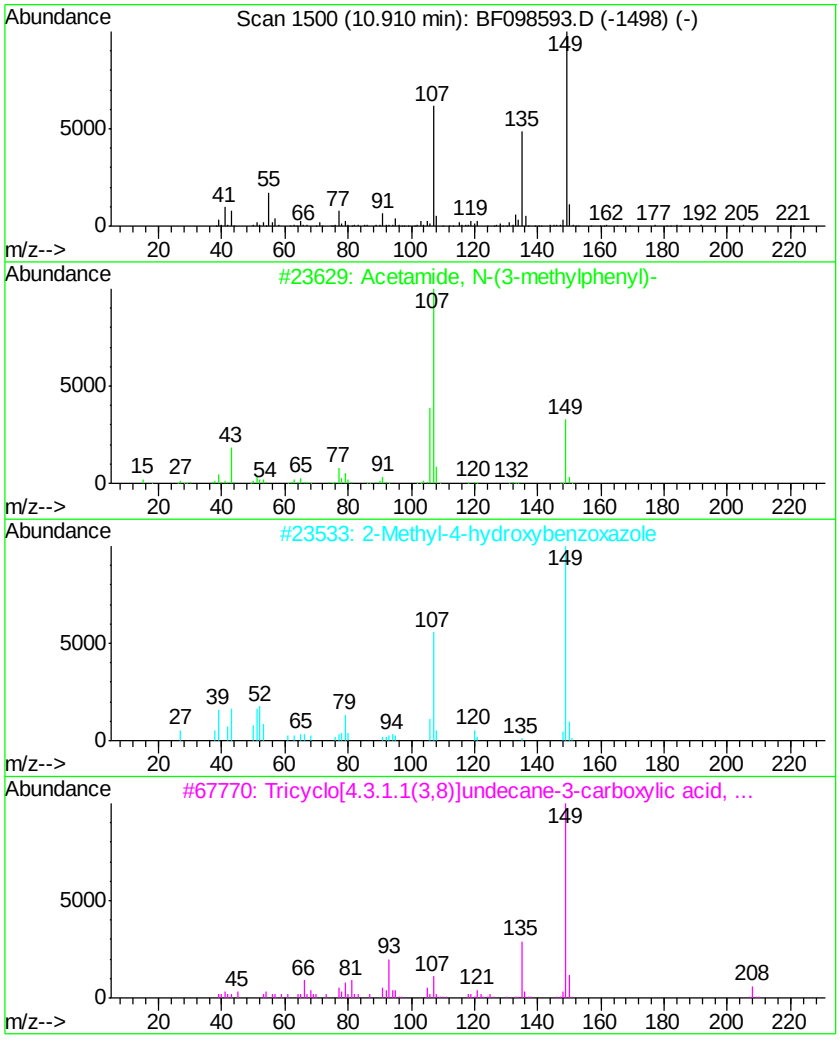
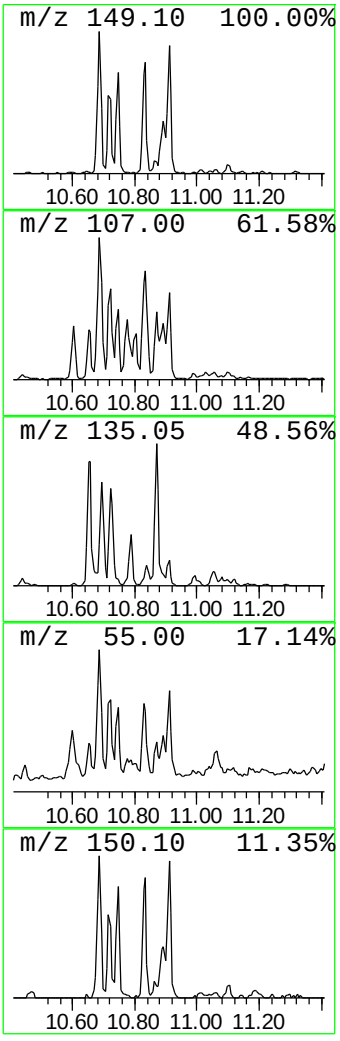
Peak Number 14 Acetamide, N-(3-methylphenyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	12.30 ng	507419	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	58
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	42
3	Tricyclo[4.3.1.1(3,8)]undecane-3...	208	C13H20O2	031061-61-7	38
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	35
5	Benzaldehyde, 3-pentafluoropheno...	332	C15H9F5O3	329222-68-6	35





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Sample : I5217-02
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TIC Library : C:\DATABASE\NIST11.L
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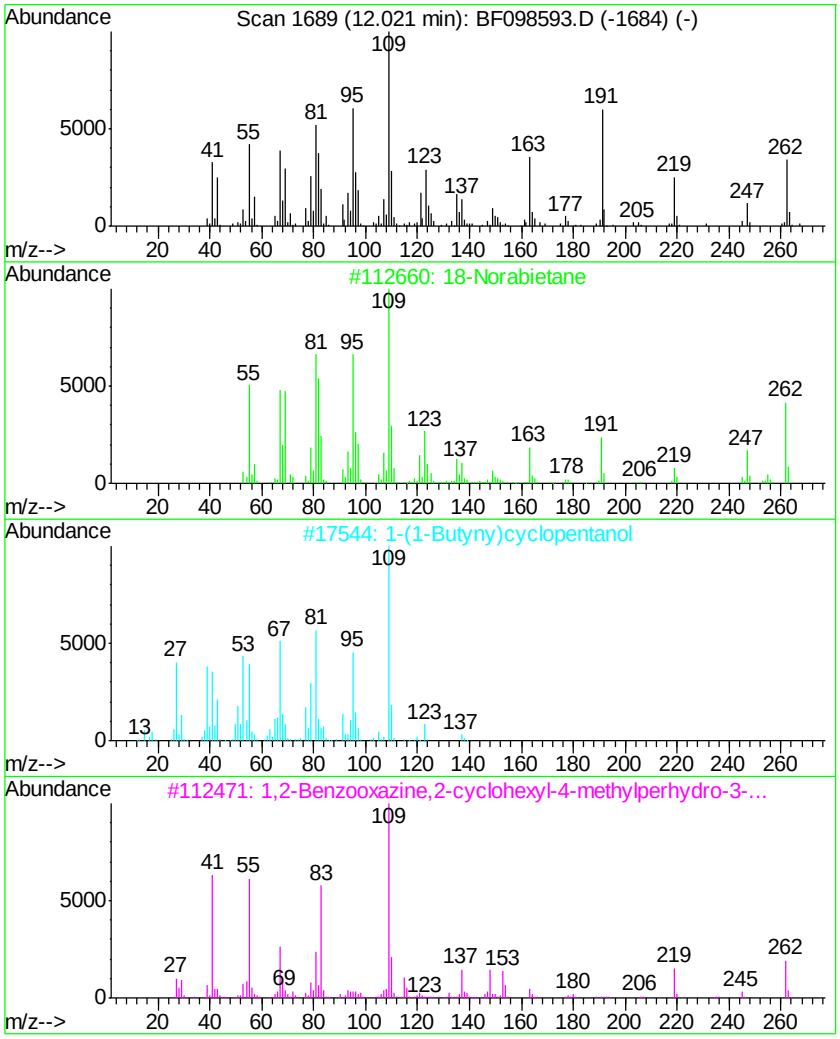
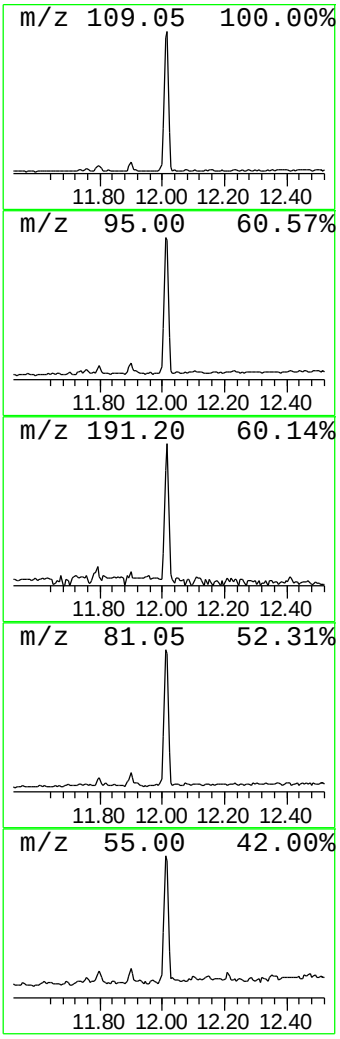
Peak Number 15 18-Norabietane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	28.18 ng	1162200	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	93
2	1-(1-Butyny)cyclopentanol	138	C9H14O	1000342-86-5	35
3	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	30
4	6-Heptadecyne, 1-chloro-	270	C17H31Cl	056599-59-8	14
5	2-Furoic acid, 2-methyloct-5-yn-...	234	C14H18O3	1000299-23-7	14





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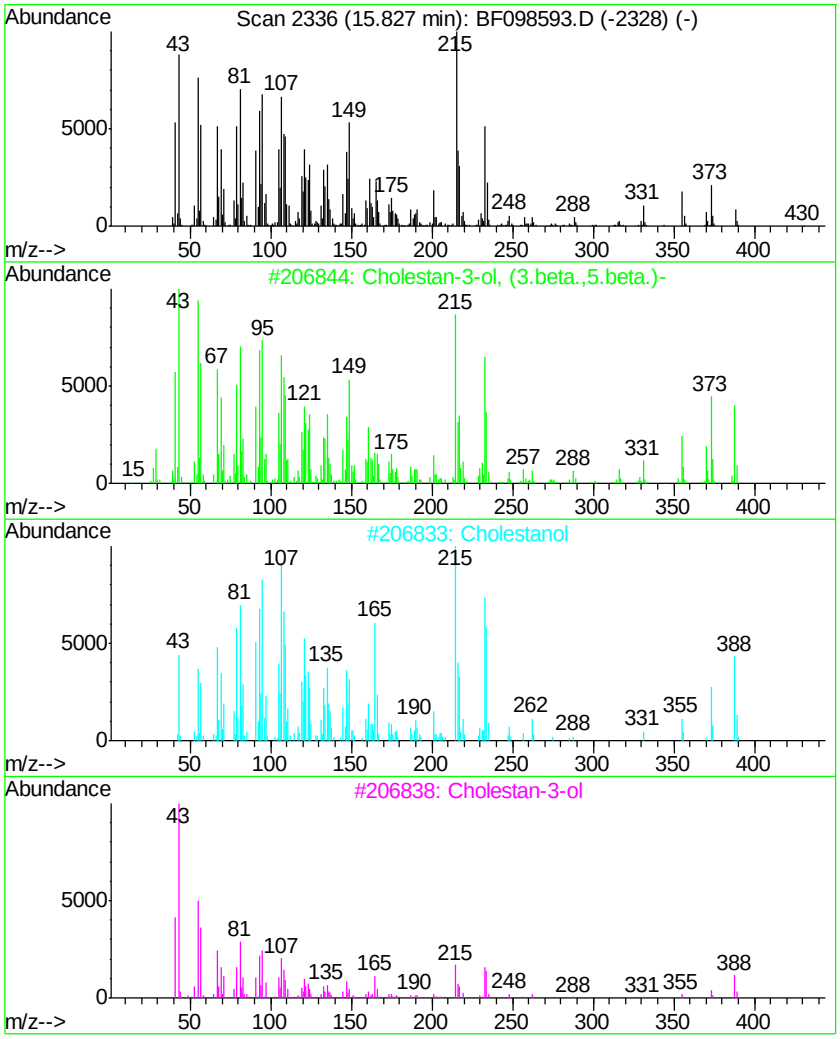
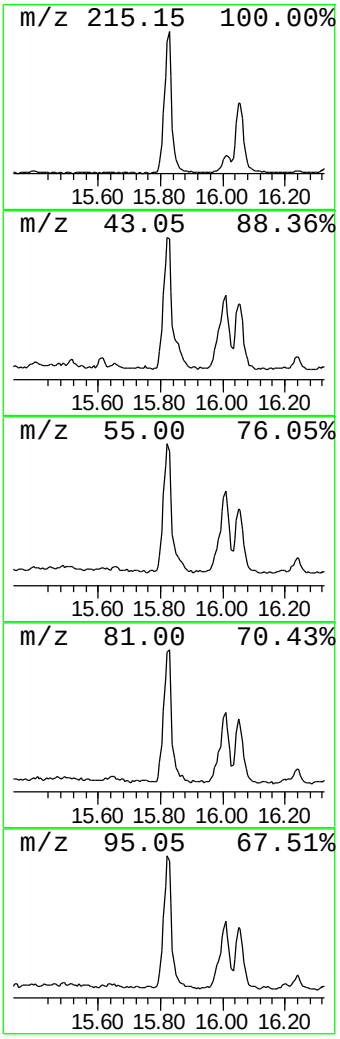
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cholestan-3-ol, (3.beta.,5.... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	132.41 ng	4149580	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	93
2	Cholestanol	388	C27H48O	000080-97-7	72
3	Cholestan-3-ol	388	C27H48O	027409-41-2	70
4	Cyclopent[e]-1,3-oxazine, octahy...	216	C13H16N2O	1000138-92-2	42
5	2-((1S,3R)-3-hydroxycyclohexyl)-...	332	C22H36O2	1000372-26-4	41





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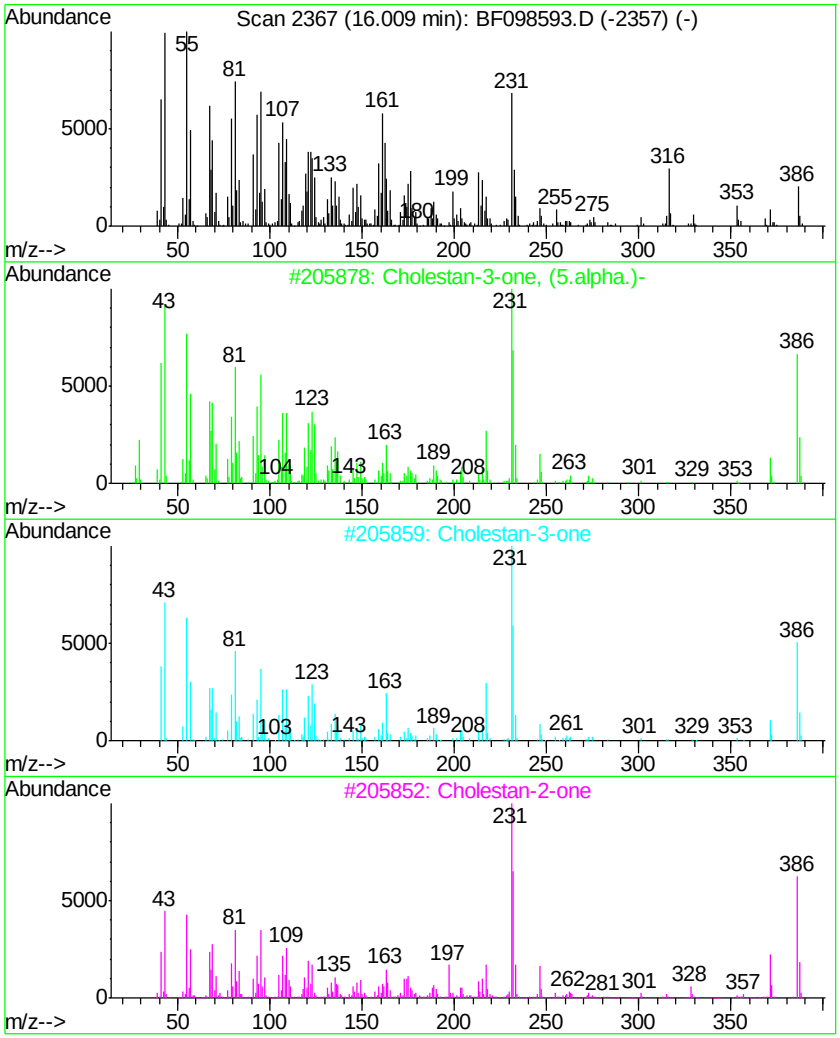
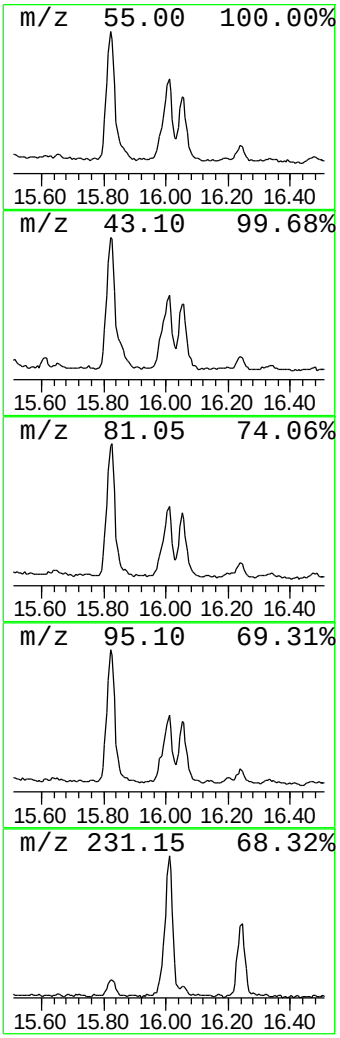
Peak Number 17 Cholestan-3-one, (5.alpha.)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	83.60 ng	2620050	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	95
2	Cholestan-3-one	386	C27H46O	015600-08-5	95
3	Cholestan-2-one	386	C27H46O	1000210-43-4	89
4	Cholestan-3-one, (5.beta.)-	386	C27H46O	000601-53-6	70
5	Cholestane, 4,5-epoxy-, (4.alpha...	386	C27H46O	006079-19-2	49





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Data File : BF098593.D
Acq On : 16 Sep 2017 2:39
Operator : SJ/JU
Sample : I5217-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LP-SLUDGE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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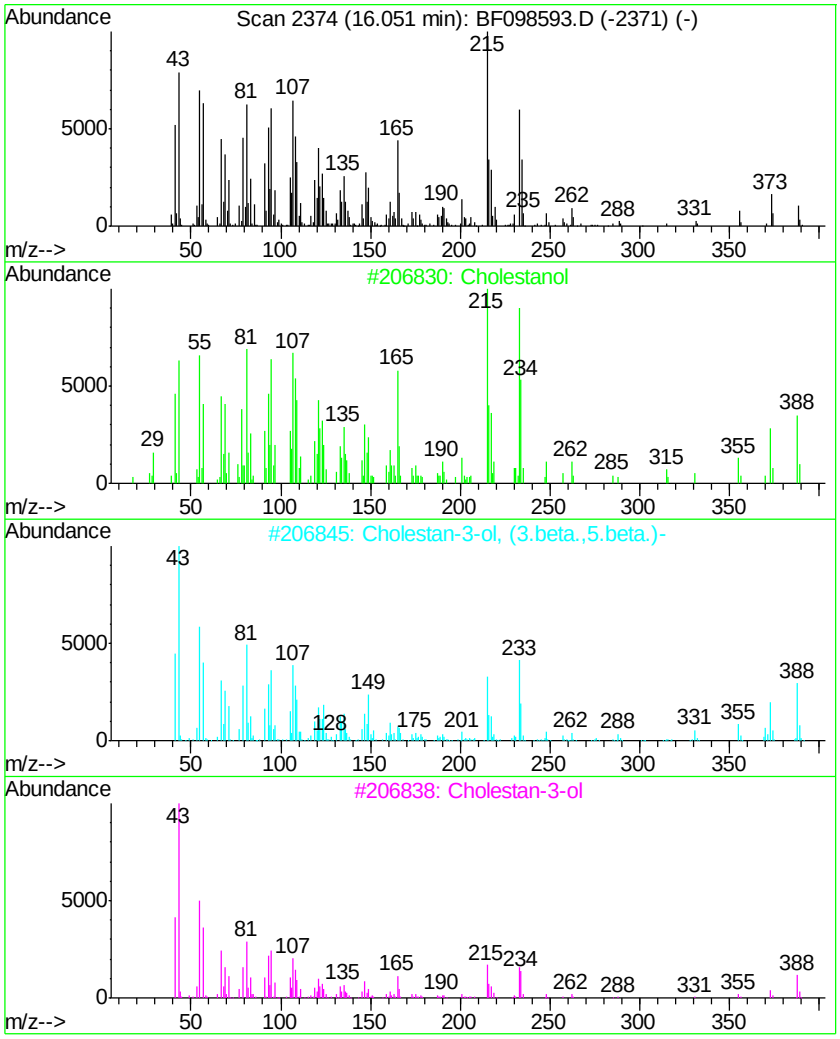
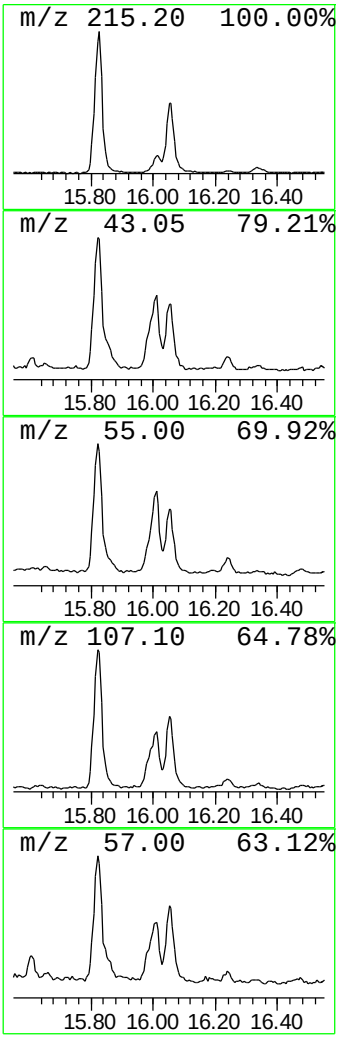
Peak Number 18 Cholestanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	56.31 ng	1764640	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestanol	388	C27H48O	000080-97-7	99
2	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	83
3	Cholestan-3-ol	388	C27H48O	027409-41-2	81
4	Epicholestanol	388	C27H48O	000516-95-0	74
5	4-Cholestanol	388	C27H48O	1000210-30-1	41





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098593.D
Acq On : 16 Sep 2017 2:39
Operator : SJ/JU
Sample : I5217-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LP-SLUDGE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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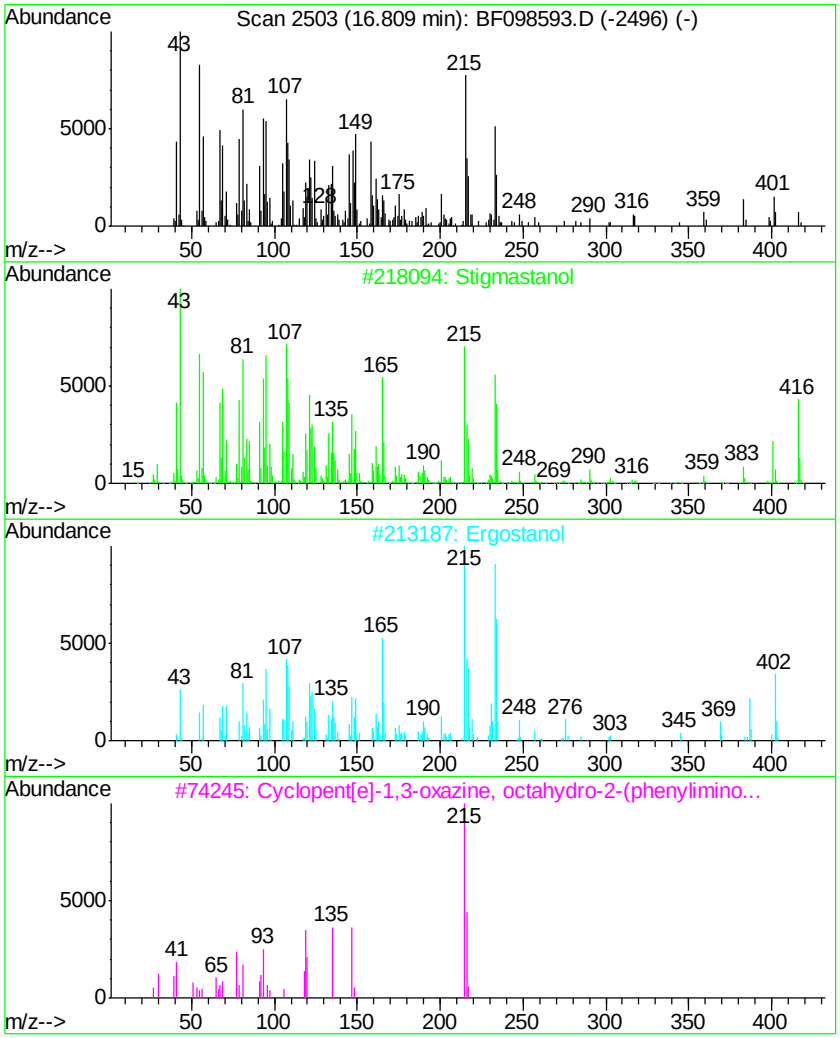
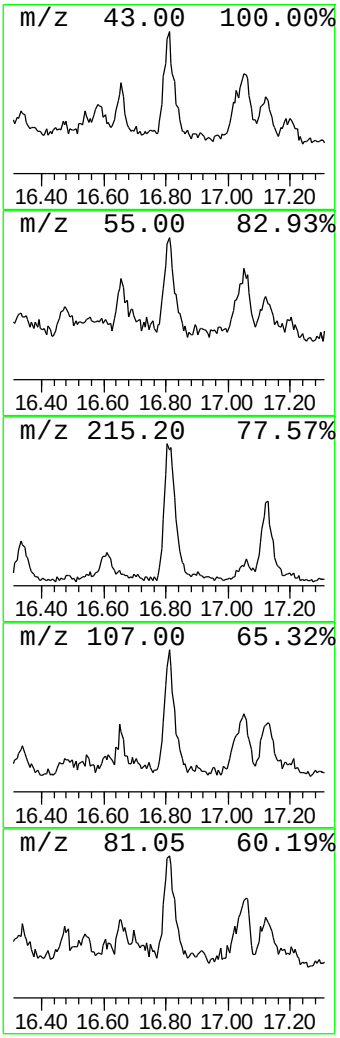
Peak Number 19 Stigmastanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	26.87 ng	842050	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmastanol	416	C29H52O	019466-47-8	59
2	Ergostanol	402	C28H50O	006538-02-9	53
3	Cyclopent[e]-1,3-oxazine, octahy...	216	C13H16N2O	1000138-92-2	20
4	2,3-Dichlorothiophene-5-sulfonyl...	250	C4HCl3O2S2	126714-85-0	18
5	[3-(2,4-Difluorophenoxymethyl)-4...	344	C17H14F2N4O2	1000302-76-3	15





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098593.D
Acq On : 16 Sep 2017 2:39
Operator : SJ/JU
Sample : I5217-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LP-SLUDGE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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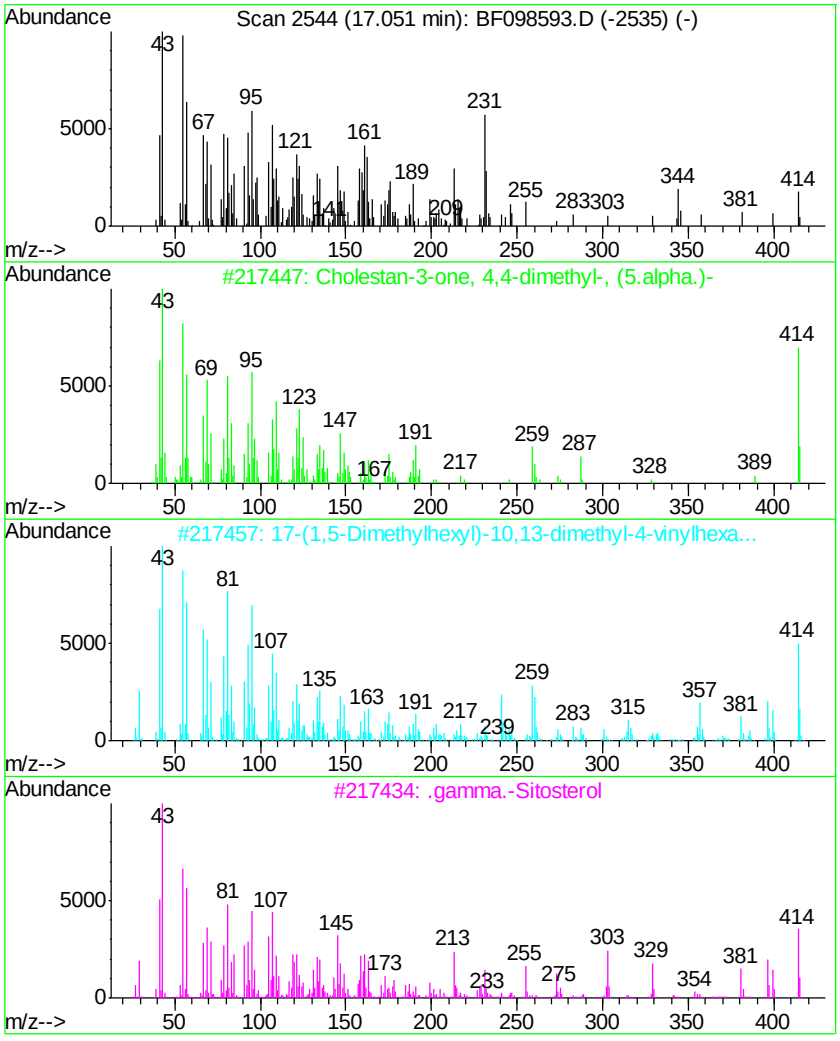
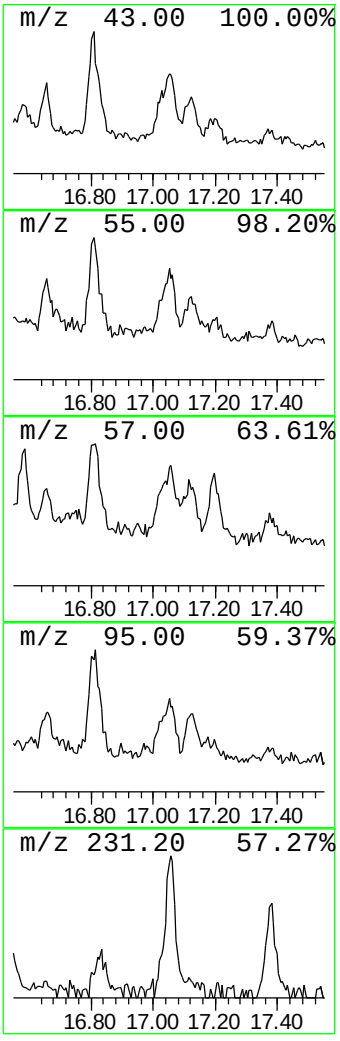
Peak Number 20 Cholestan-3-one, 4,4-dimeth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	18.07 ng	566392	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one, 4,4-dimethyl-, ...	414	C29H50O	002097-85-0	52
2	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	47
3	.gamma.-Sitosterol	414	C29H50O	000083-47-6	46
4	.beta.-Sitosterol	414	C29H50O	000083-46-5	38
5	Dihydrosarsasapogenin-5,17(20)-dien	414	C27H42O3	096974-10-6	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098593.D
Acq On : 16 Sep 2017 2:39
Operator : SJ/JU
Sample : I5217-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LP-SLUDGE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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
unknown6.42	6.42	79.9	ng	3151290	1	6.65	789151	20.0
Decane, 2,3,5-tri...	6.76	12.0	ng	475073	1	6.65	789151	20.0
Heptane, 2,2-dime...	6.92	13.4	ng	526627	1	6.65	789151	20.0
Heptane, 4-ethyl-...	6.99	11.9	ng	467578	1	6.65	789151	20.0
3',4'-Acetoxylide	10.60	18.2	ng	749631	4	11.16	824962	20.0
Phenol, 4-(1,1,3,...	10.65	18.8	ng	775103	4	11.16	824962	20.0
unknown10.69	10.69	30.2	ng	1246880	4	11.16	824962	20.0
Phenol, 4-(1,1-di...	10.72	23.6	ng	972764	4	11.16	824962	20.0
unknown10.75	10.75	12.2	ng	502619	4	11.16	824962	20.0
unknown10.77	10.77	14.2	ng	585520	4	11.16	824962	20.0
4-(1,1-Dimethylpr...	10.87	19.3	ng	794871	4	11.16	824962	20.0
Acetamide, N-(3-m...	10.91	12.3	ng	507419	4	11.16	824962	20.0
18-Norabietane	12.02	28.2	ng	1162200	4	11.16	824962	20.0
Cholestan-3-ol, (...	15.83	132.4	ng	4149580	6	15.20	626778	20.0
Cholestan-3-one, ...	16.01	83.6	ng	2620050	6	15.20	626778	20.0
Cholestanol	16.05	56.3	ng	1764640	6	15.20	626778	20.0
Stigmastanol	16.81	26.9	ng	842050	6	15.20	626778	20.0
Cholestan-3-one, ...	17.05	18.1	ng	566392	6	15.20	626778	20.0