LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098589.D
Acq On : 16 Sep 2017 00:47
Operator : SJ/JU
Sample : I5205-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-STOCKPILE-INSIDE

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	4.828	462	466	478	rBV	224324	349422	4.86%	0.543%
2	5.257	535	539	559	rBV	3036182	3130005	43.57%	4.866%
3	5.904	646	649	652	rVB	145745	118943	1.66%	0.185%
4	6.128	681	687	691	rBV	74133	81739	1.14%	0.127%
5	6.298	712	716	726	rBV	2689057	3270643	45.53%	5.084%
6	6.416	732	736	742	rVB	3485248	3170304	44.13%	4.928%
7	6.639	770	774	781	rVB2	852280	993997	13.84%	1.545%
8	6.763	791	795	797	rVV2	225882	229796	3.20%	0.357%
9	6.798	797	801	804	rVV	2377460	2088002	29.07%	3.246%
10	6.916	815	821	826	rVV	177733	234637	3.27%	0.365%
11	6.986	829	833	836	rBV	185025	166414	2.32%	0.259%
12	7.081	845	849	854	rVB2	81437	116436	1.62%	0.181%
13	7.157	858	862	865	rBV3	49260	79617	1.11%	0.124%
14	7.216	868	872	875	rVV	1894691	1826990	25.43%	2.840%
15	7.245	875	877	880	rVV	97487	87680	1.22%	0.136%
16	7.281	880	883	889	rVV6	43777	76059	1.06%	0.118%
17	7.369	894	898	900	rVV3	48378	80606	1.12%	0.125%
18	7.398	900	903	906	rVV	109131	123240	1.72%	0.192%
19	7.563	924	931	935	rVB7	64105	132847	1.85%	0.207%
20	7.610	936	939	942	rBV2	86795	107808	1.50%	0.168%
21	7.669	947	949	953	rVV2	81089	83943	1.17%	0.130%
22	7.810	966	973	975	rBV3	60453	89569	1.25%	0.139%
23	7.928	987	993	996	rBV	1101341	1020178	14.20%	1.586%
24	7.992	1002	1004	1007	rVB	210786	154039	2.14%	0.239%
25	8.216	1037	1042	1045	rBV5	101586	145310	2.02%	0.226%
26	8.275	1049	1052	1055	rVV2	90446	79203	1.10%	0.123%
27	8.310	1055	1058	1061	rVB	105657	100577	1.40%	0.156%
28	8.351	1061	1065	1074	rVB	312978	417576	5.81%	0.649%
29	8.522	1091	1094	1098	rBV3	62167	85301	1.19%	0.133%
30	8.616	1107	1110	1113	rVB2	93069	114541	1.59%	0.178%
31	8.833	1144	1147	1149	rVV3	67813	91081	1.27%	0.142%
32	8.951	1164	1167	1170	rVB	266740	227162	3.16%	0.353%
33	9.004	1171	1176	1179	rBV	3250401	2879265	40.08%	4.476%
34	9.086	1185	1190	1194	rBV7	79865	153373	2.13%	0.238%

LSC Area Percent Report

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Acq On : 16 Sep 2017 00:47
Operator : SJ/JU
Sample : I5205-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-STOCKPILE-INSIDE

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	9.274	1217	1222	1224	rVB4	51719	82888	1.15%	0.129%
36	9.333	1230	1232	1236	rBV3	104096	113491	1.58%	0.176%
37	9.404	1239	1244	1247	rVV	744471	705158	9.82%	1.096%
38	9.586	1272	1275	1278	rVB3	103832	93894	1.31%	0.146%
39	9.680	1284	1291	1294	rVV	1221999	1222777	17.02%	1.901%
40	9.939	1331	1335	1338	rVB3	72672	88558	1.23%	0.138%
41	10.333	1397	1402	1407	rBV2	164652	177692	2.47%	0.276%
42	10.439	1414	1420	1421	rBV	88116	103198	1.44%	0.160%
43	10.469	1421	1425	1429	rVB	1771616	1704083	23.72%	2.649%
44	10.604	1442	1448	1453	rBV	994553	1031283	14.36%	1.603%
45	10.657	1453	1457	1459	rVV	1187889	1177698	16.39%	1.831%
46	10.686	1459	1462	1465	rVV2	1679016	2064660	28.74%	3.209%
47	10.721	1465	1468	1470	rVV2	1609584	1593793	22.19%	2.478%
48	10.745	1470	1472	1474	rVV	1000184	814563	11.34%	1.266%
49	10.780	1474	1478	1480	rVV2	670486	1021973	14.23%	1.589%
50	10.804	1480	1482	1484	rVV	663810	572208	7.97%	0.889%
51	10.833	1484	1487	1490	rVV3	1416836	1622827	22.59%	2.523%
52	10.869	1490	1493	1495	rVV	1304170	1256094	17.48%	1.953%
53	10.892	1495	1497	1498	rVV	646383	599983	8.35%	0.933%
54	10.910	1498	1500	1504	rVB	1059363	898490	12.51%	1.397%
55	10.986	1510	1513	1515	rBV	111997	109015	1.52%	0.169%
56	11.057	1519	1525	1530	rVV2	256738	411723	5.73%	0.640%
57	11.163	1539	1543	1546	rBV	1181610	1034092	14.39%	1.607%
58	11.757	1642	1644	1646	rVV2	102210	96958	1.35%	0.151%
59	11.798	1649	1651	1654	rVB2	179619	138460	1.93%	0.215%
60	11.898	1665	1668	1671	rVB3	238860	218459	3.04%	0.340%
61	12.010	1683	1687	1691	rBV	1492590	1381591	19.23%	2.148%
62	12.104	1699	1703	1706	rVB	376651	328923	4.58%	0.511%
63	12.145	1707	1710	1713	rVV2	65181	76184	1.06%	0.118%
64	12.186	1714	1717	1719	rVV	144398	121281	1.69%	0.189%
65	12.210	1719	1721	1725	rVB3	73128	71893	1.00%	0.112%
66	12.374	1746	1749	1751	rBV	150021	123338	1.72%	0.192%
67	12.410	1752	1755	1759	rVB	645690	545676	7.60%	0.848%
68	12.598	1782	1787	1790	rBV2	154561	216866	3.02%	0.337%
69	12.745	1808	1812	1816	rVV	2257869	2087946	29.06%	3.246%
70	12.880	1832	1835	1839	rVB	1074918	933424	12.99%	1.451%
71	13.645	1963	1965	1971	rVB	165666	189689	2.64%	0.295%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SOIL-STOCKPILE-INSIDE

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

72	13.798	1987	1991	1994	rBV	824692	830533	11.56%	1.291%
73	14.627	2130	2132	2136	rVB	112188	107491	1.50%	0.167%
74	14.804	2159	2162	2167	rVB4	83946	141799	1.97%	0.220%
75	15.139	2216	2219	2225	rVV3	93755	155727	2.17%	0.242%
76	15.204	2226	2230	2241	rVB	632227	857847	11.94%	1.334%
77	15.833	2329	2337	2358	rVB	3576328	7183848	100.00%	11.167%
78	16.015	2358	2368	2372	rBV2	1795375	3731065	51.94%	5.800%
79	16.051	2372	2374	2386	rVB3	633300	1100692	15.32%	1.711%
80	16.239	2402	2406	2412	rVB2	235280	382538	5.32%	0.595%
81	16.656	2472	2477	2493	rVB2	322214	804578	11.20%	1.251%
82	16.809	2497	2503	2515	rVB4	441782	1048840	14.60%	1.630%
83	17.056	2534	2545	2552	rBV5	239546	746262	10.39%	1.160%
84	17.933	2690	2694	2702	rVB8	45515	101593	1.41%	0.158%

Sum of corrected areas: 64329945

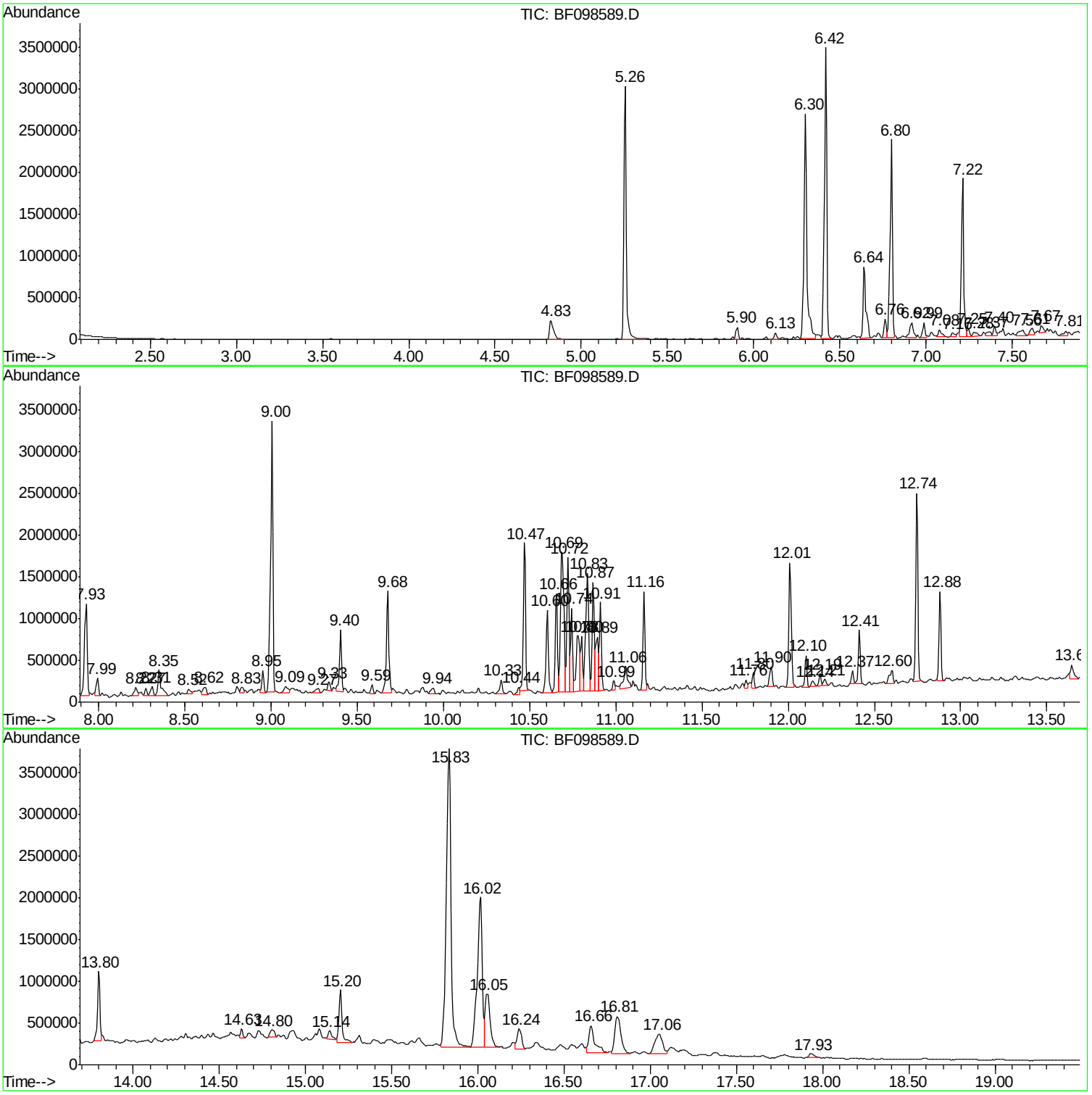
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098589.D
Acq On : 16 Sep 2017 00:47
Operator : SJ/JU
Sample : I5205-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDE

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 : BF098589.D
Acq On : 16 Sep 2017 00:47
Operator : SJ/JU
Sample : I5205-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDE

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

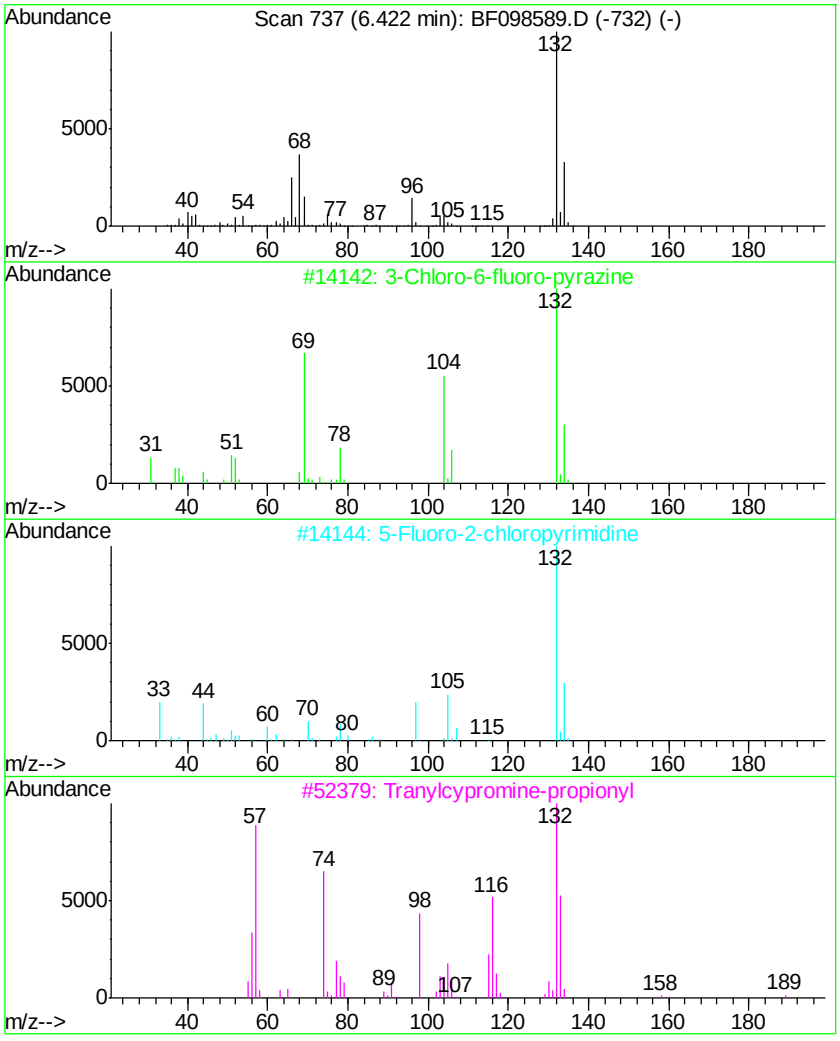
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

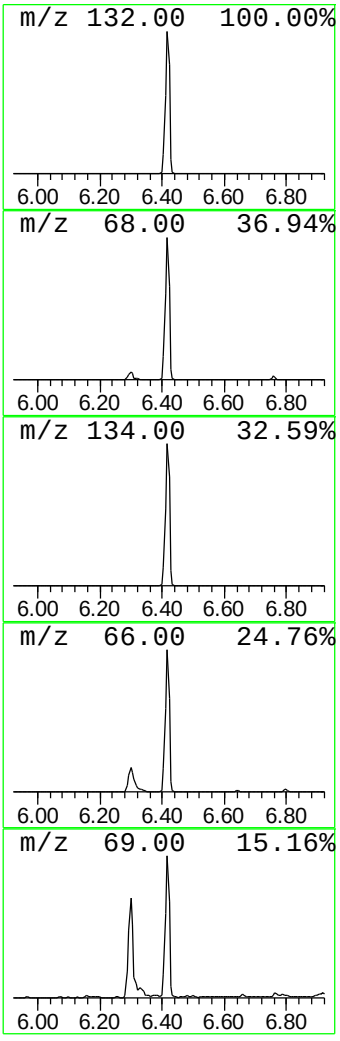
****

Peak Number 1 unknown6.42 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	63.79 ng	3170300	1,4-Dichlorobenzene-d4	6.64

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098589.D
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Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDE

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

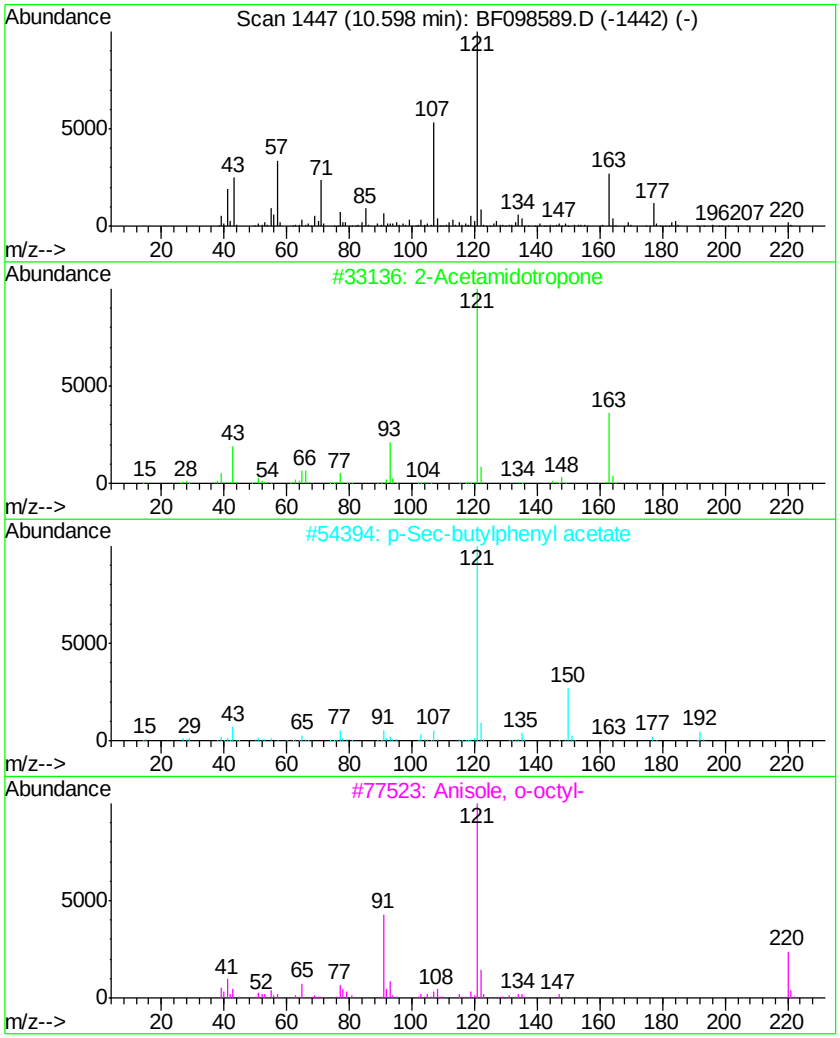
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

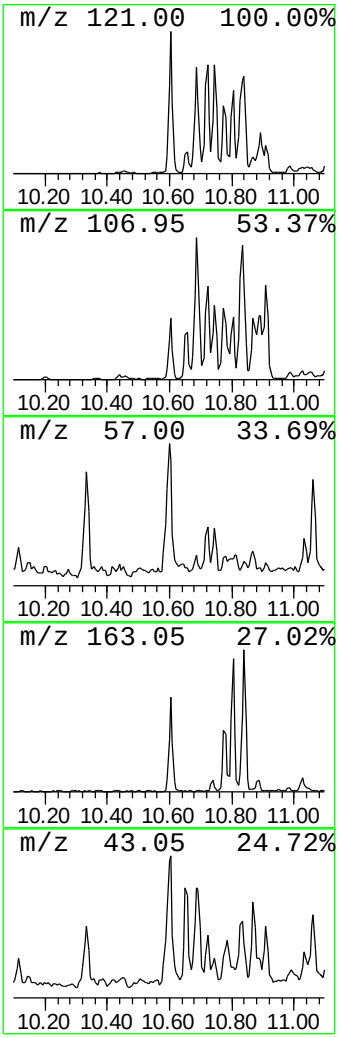
****

Peak Number 3 unknown10.60 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	19.95 ng	1031280	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetamidotropone	163	C9H9NO2	006422-12-4	47
2	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	43
3	Anisole, o-octyl-	220	C15H24O	020056-59-1	43
4	4-(4-Methoxyphenyl)-1-butanol	180	C11H16O2	052244-70-9	38
5	Benorilate	313	C17H15NO5	005003-48-5	38





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Instrument : BNA_F
ClientSampleId : SOIL-STOCKPILE-INSIDE

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
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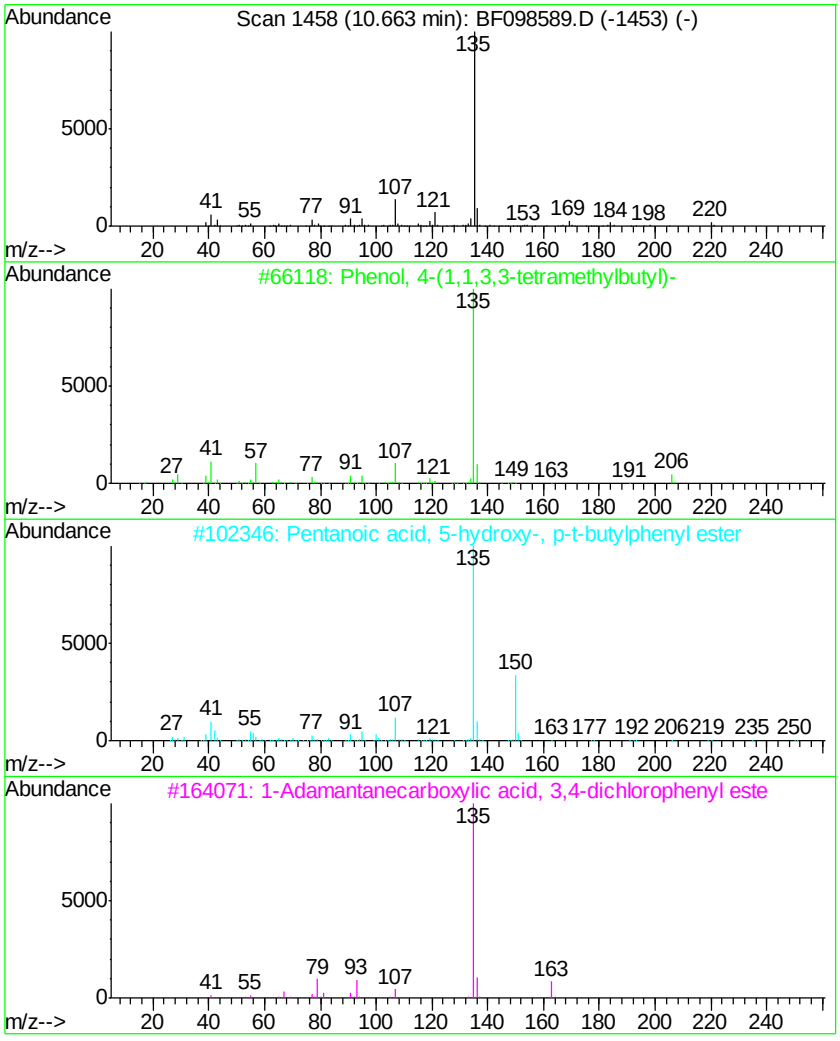
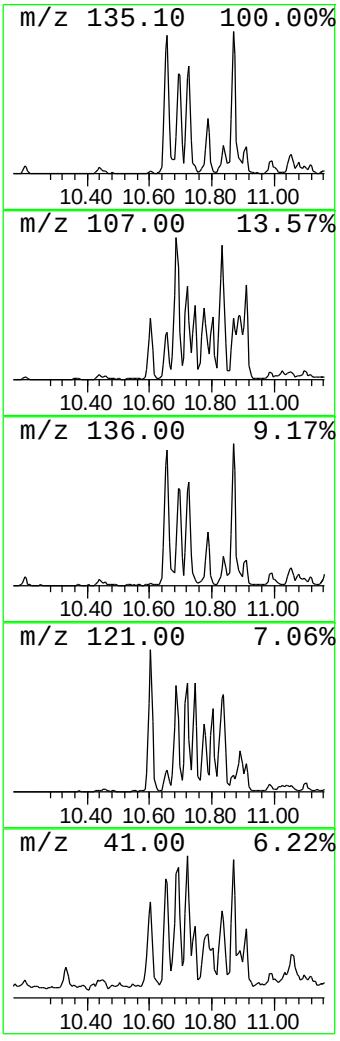
****

Peak Number 4 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	22.78 ng	1177700	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	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
3	1-Adamantanecarboxylic acid, 3,4...	324	C17H18Cl2O2	1000307-66-4	59
4	1,2-Benzenediol, o-(4-methoxyben...	362	C22H18O5	1000325-99-0	59
5	1-n-Hexyladamantane	220	C16H28	022458-75-9	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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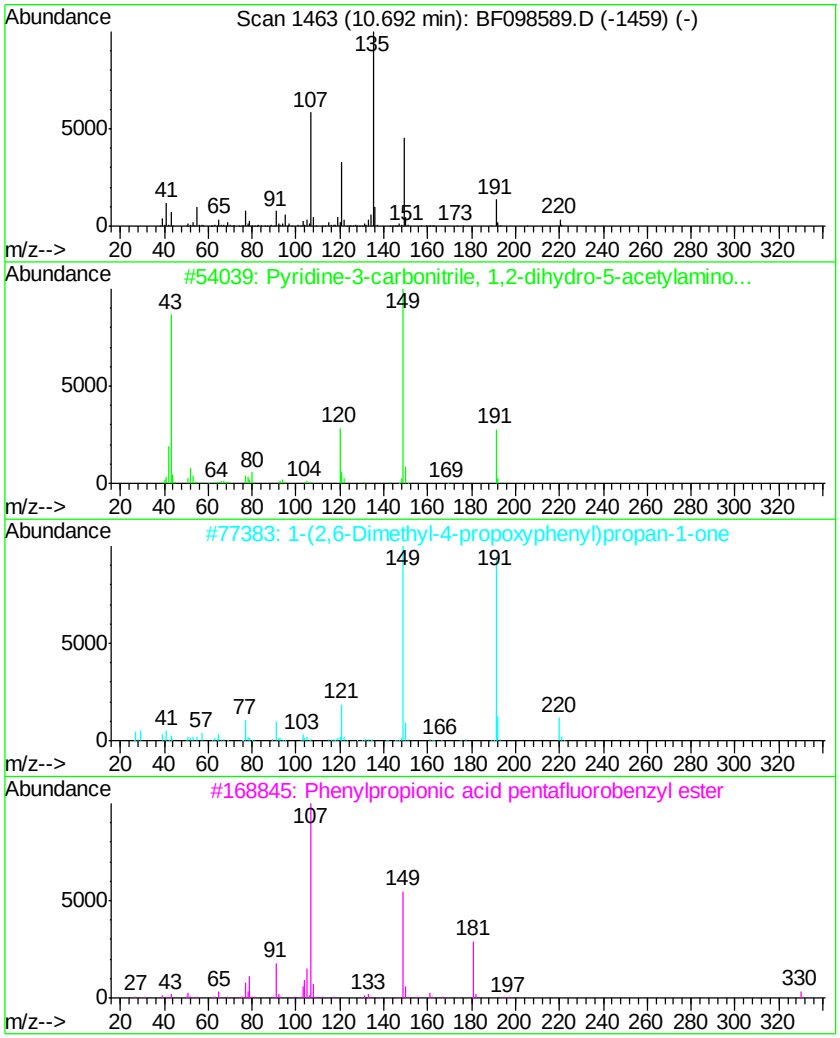
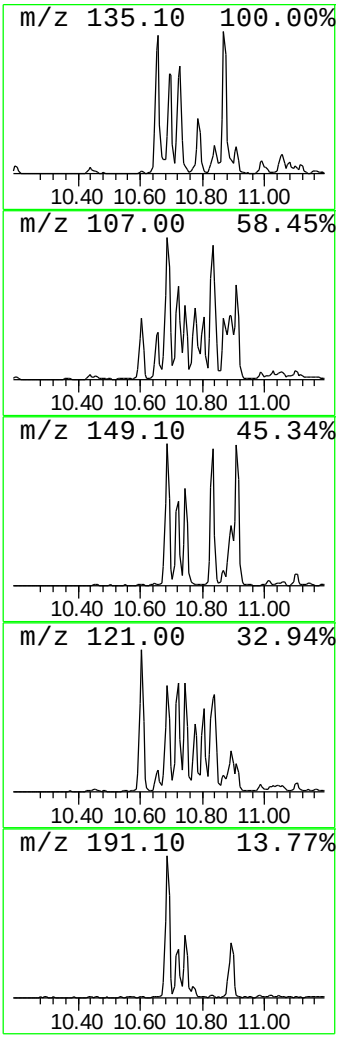
Peak Number 5 unknown10.69 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	39.93 ng	2064660	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	43
2	1-(2,6-Dimethyl-4-propoxyphenyl)...	220	C14H20O2	1000190-22-3	38
3	Phenylpropionic acid pentafluoro...	330	C16H11F5O2	062434-95-1	38
4	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	38
5	Phthalic acid, 2,4-dimethylpent-...	306	C18H26O4	1000356-84-2	35





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Instrument :
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ClientSampleId :
SOIL-STOCKPILE-INSIDE

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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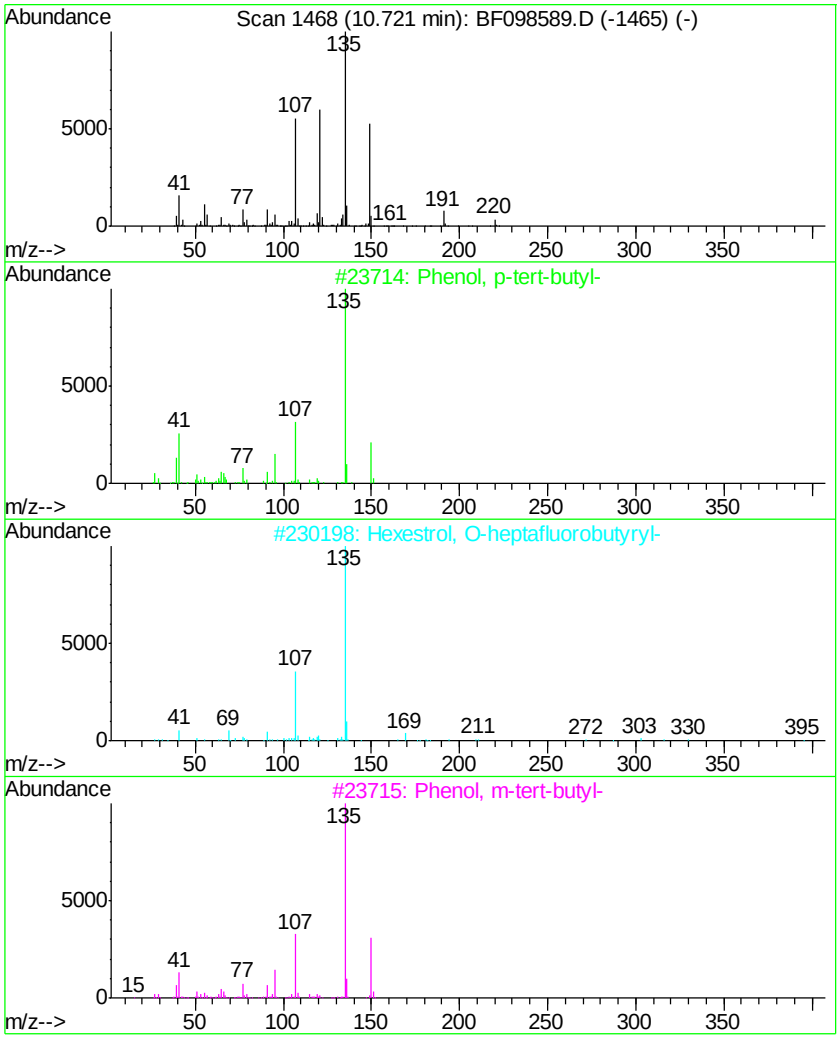
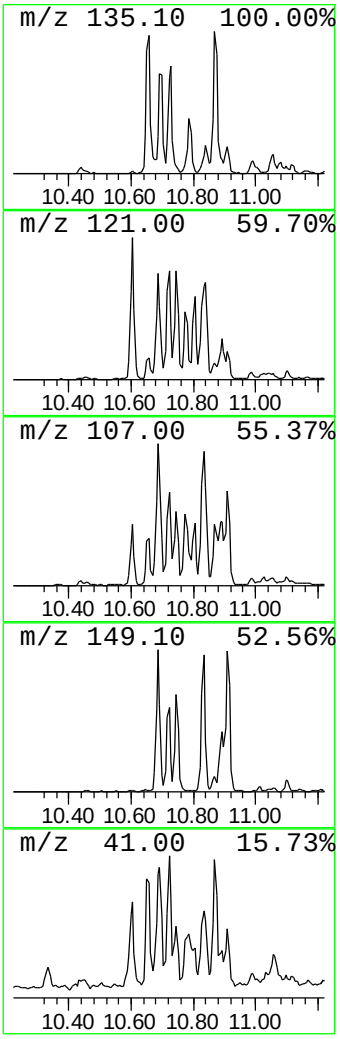
Peak Number 6 Phenol, p-tert-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	30.83 ng	1593790	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	58
2	Hexestrol, O-heptafluorobutyryl-	466	C22H21F7O3	1000365-31-9	50
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50
4	Hexestrol	270	C18H22O2	000084-16-2	50
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50





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Sample : I5205-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDE

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
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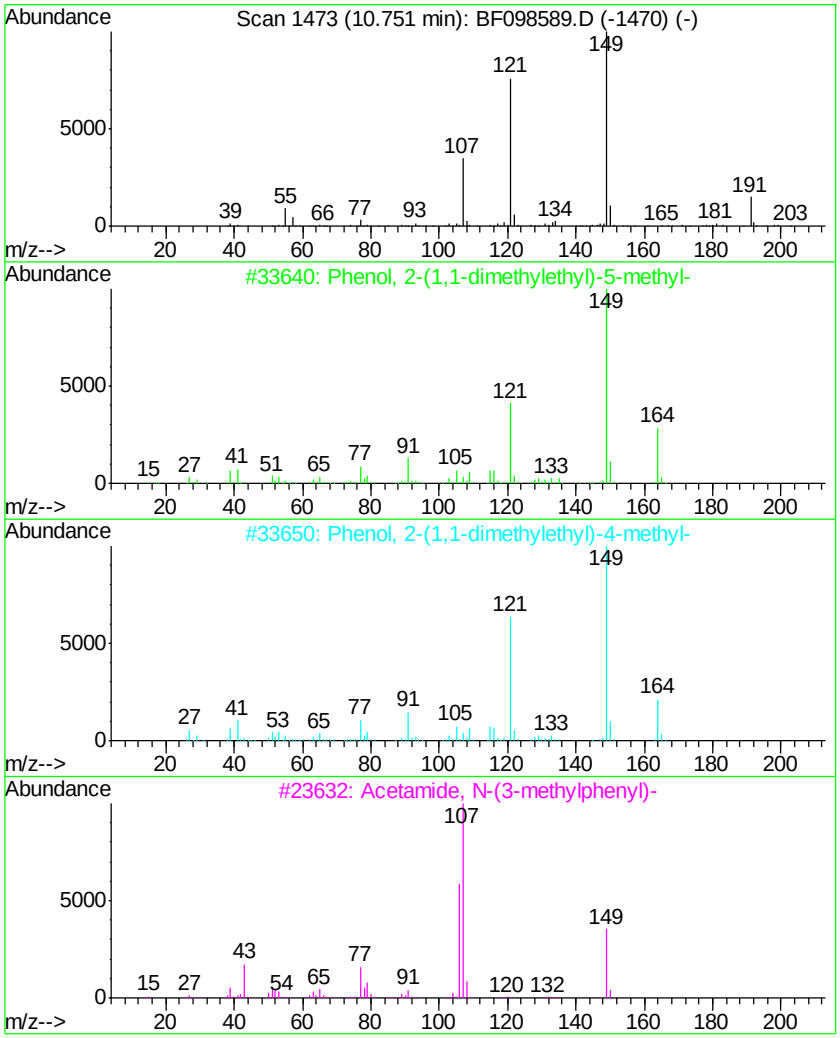
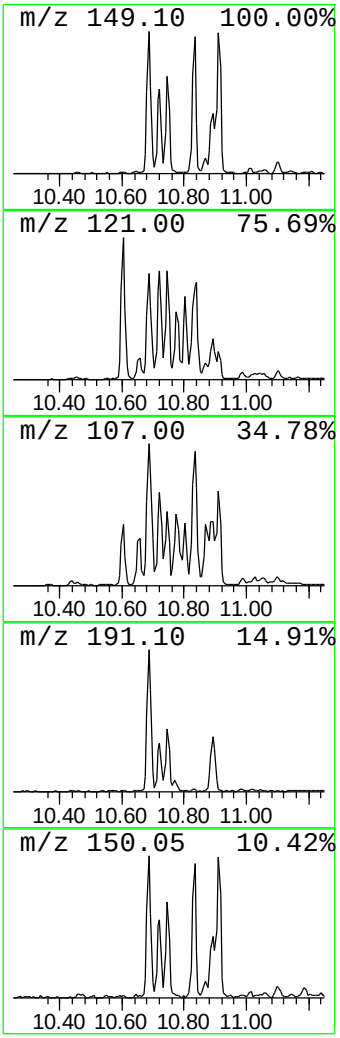
Peak Number 7 unknown10.75 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	15.75 ng	814563	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	45
2	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	45
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	35
4	Phthalic acid, 5-methylhex-2-yl ...	306	C18H26O4	1000371-09-2	35
5	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	27





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Acq On : 16 Sep 2017 00:47
Operator : SJ/JU
Sample : I5205-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-STOCKPILE-INSIDE

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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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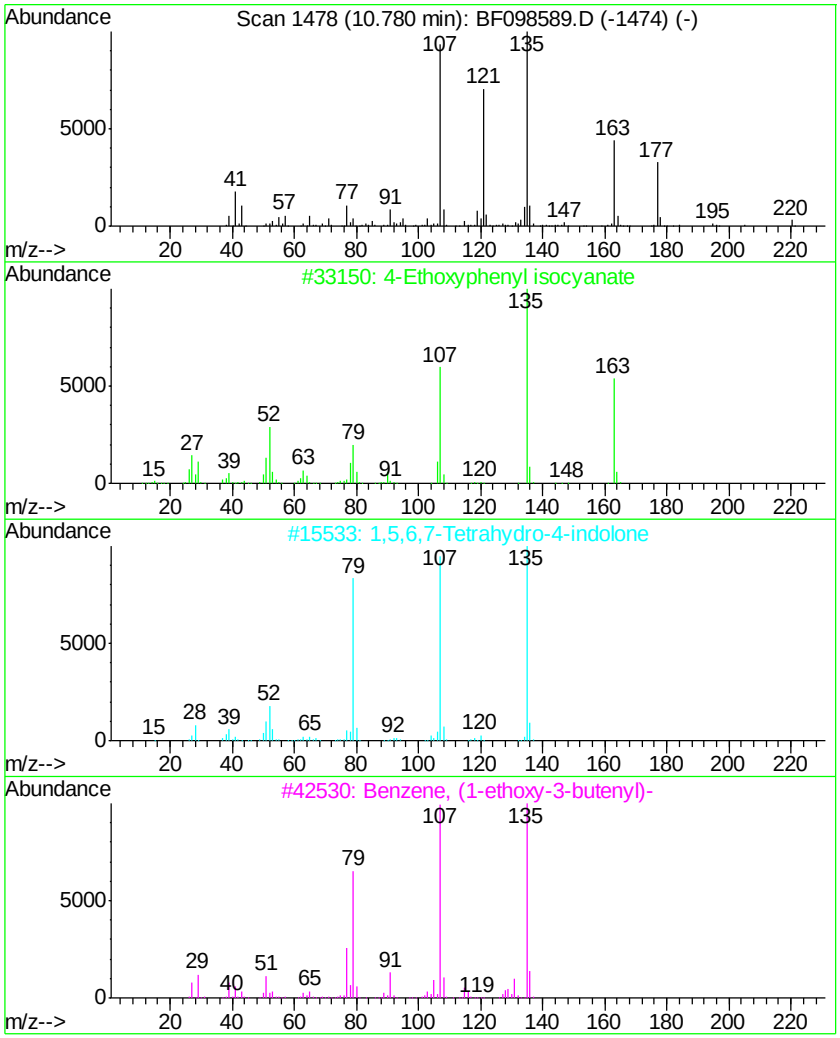
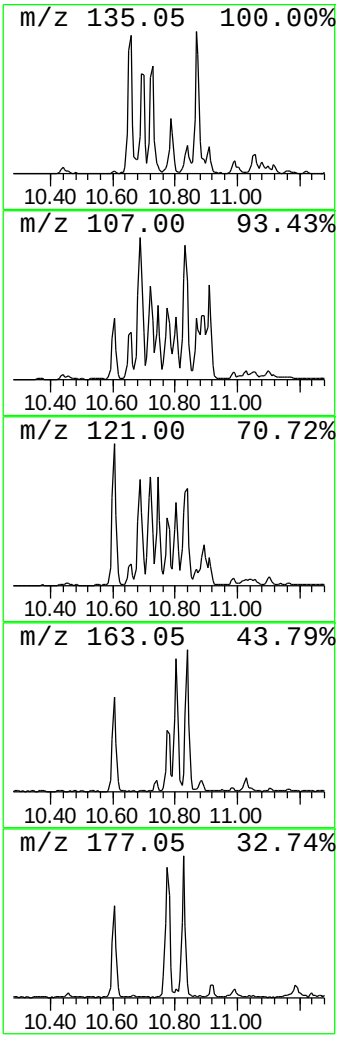
Peak Number 8 4-Ethoxyphenyl isocyanate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	19.77 ng	1021970	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethoxyphenyl isocyanate	163	C9H9NO2	032459-62-4	64
2	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	52
3	Benzene, (1-ethoxy-3-butenyl)-	176	C12H16O	054703-48-9	50
4	p-Propionotoluidide	163	C10H13NO	002759-55-9	38
5	Spiro[benzo-1,3-dioxolane-2,3'-p...	177	C10H11NO2	024476-94-6	38





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Instrument : BNA_F
ClientSampleId : SOIL-STOCKPILE-INSIDE

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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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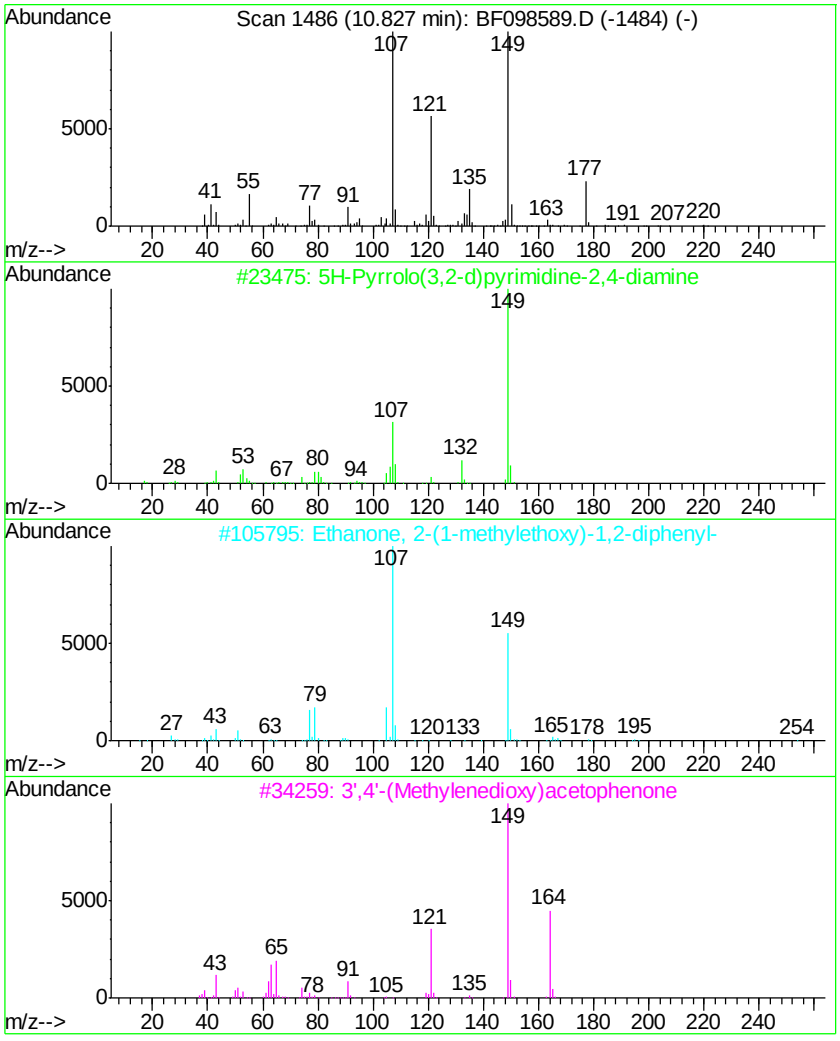
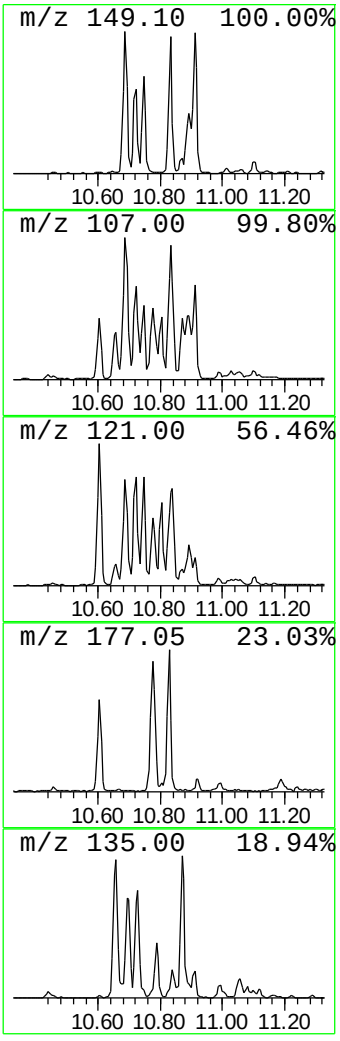
Peak Number 9 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	31.39 ng	1622830	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	59
2	Ethanone, 2-(1-methylethoxy)-1,2...	254	C17H18O2	006652-28-4	53
3	3',4'-(Methylenedioxy)acetophenone	164	C9H8O3	003162-29-6	35
4	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	32
5	3-Ethoxybenzhydrazide	180	C9H12N2O2	027830-16-6	27





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

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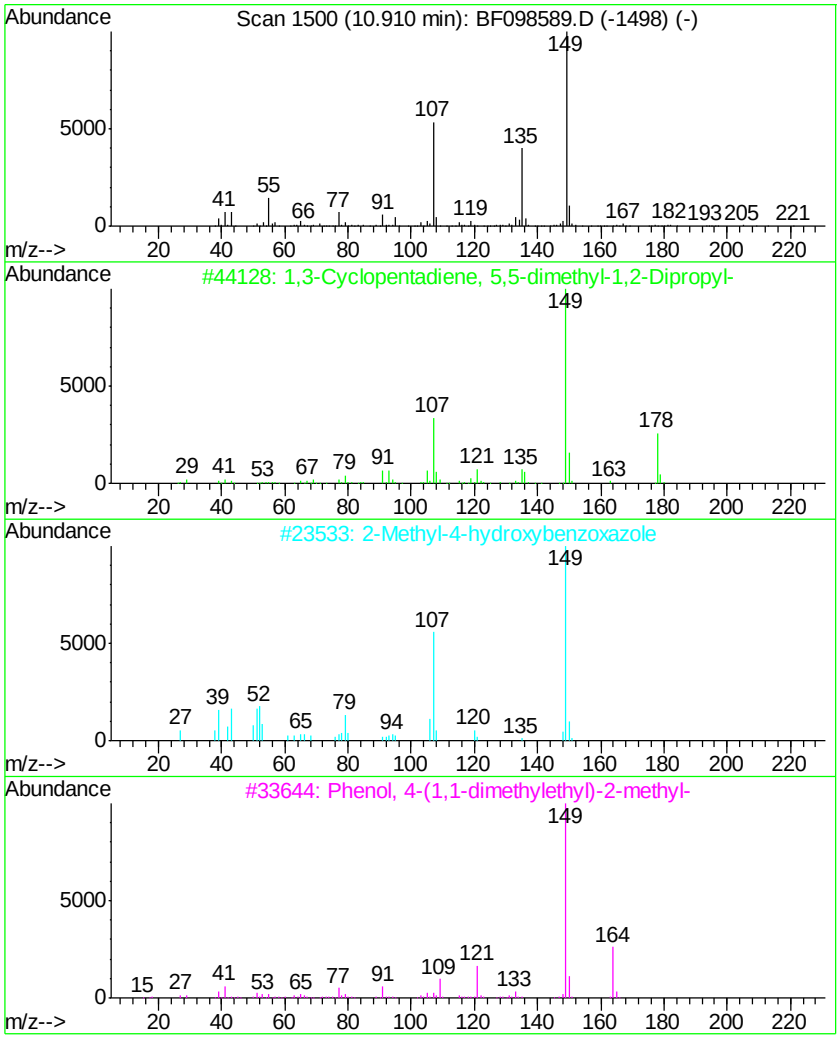
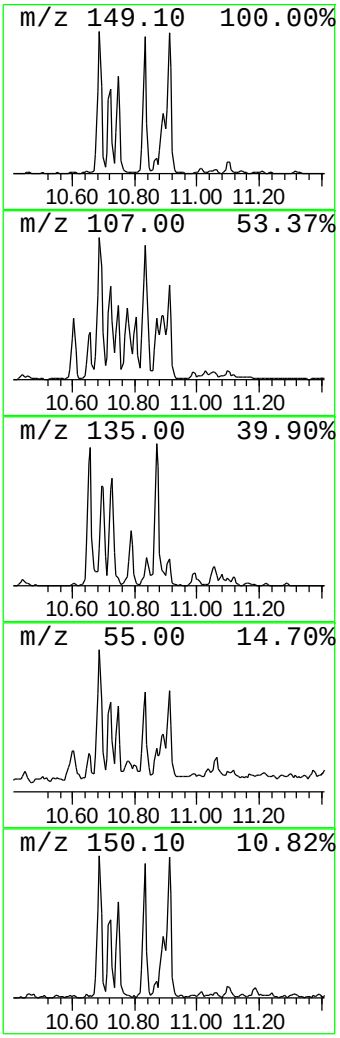
Peak Number 12 1,3-Cyclopentadiene, 5,5-di... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	17.38 ng	898490	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	50
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	42
3	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	38
4	Phthalic acid, butyl 2,7-dimethy...	356	C22H28O4	1000315-49-0	32
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	32





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ClientSampleId : SOIL-STOCKPILE-INSIDE

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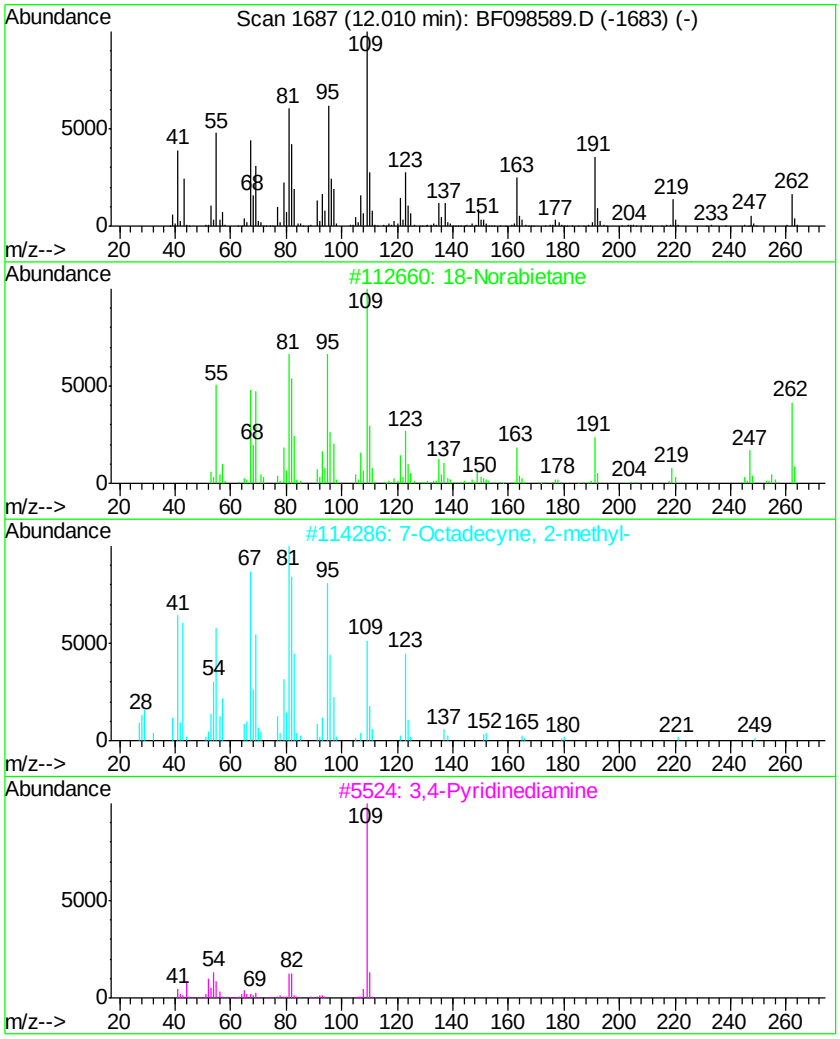
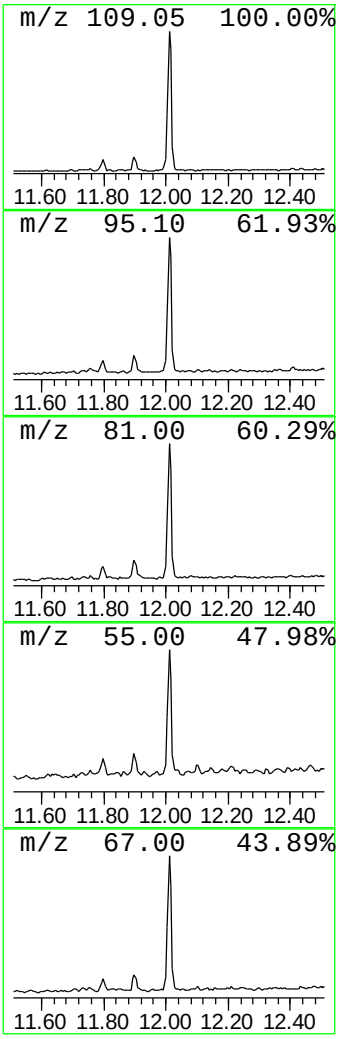
Peak Number 13 18-Norabietane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	26.72 ng	1381590	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	96
2	7-Octadecyne, 2-methyl-	264	C19H36	035354-38-2	35
3	3,4-Pyridinediamine	109	C5H7N3	000054-96-6	35
4	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	25
5	3-Heptyne, 2,2-dimethyl-	124	C9H16	029022-29-5	22





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Sample : I5205-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-STOCKPILE-INSIDE

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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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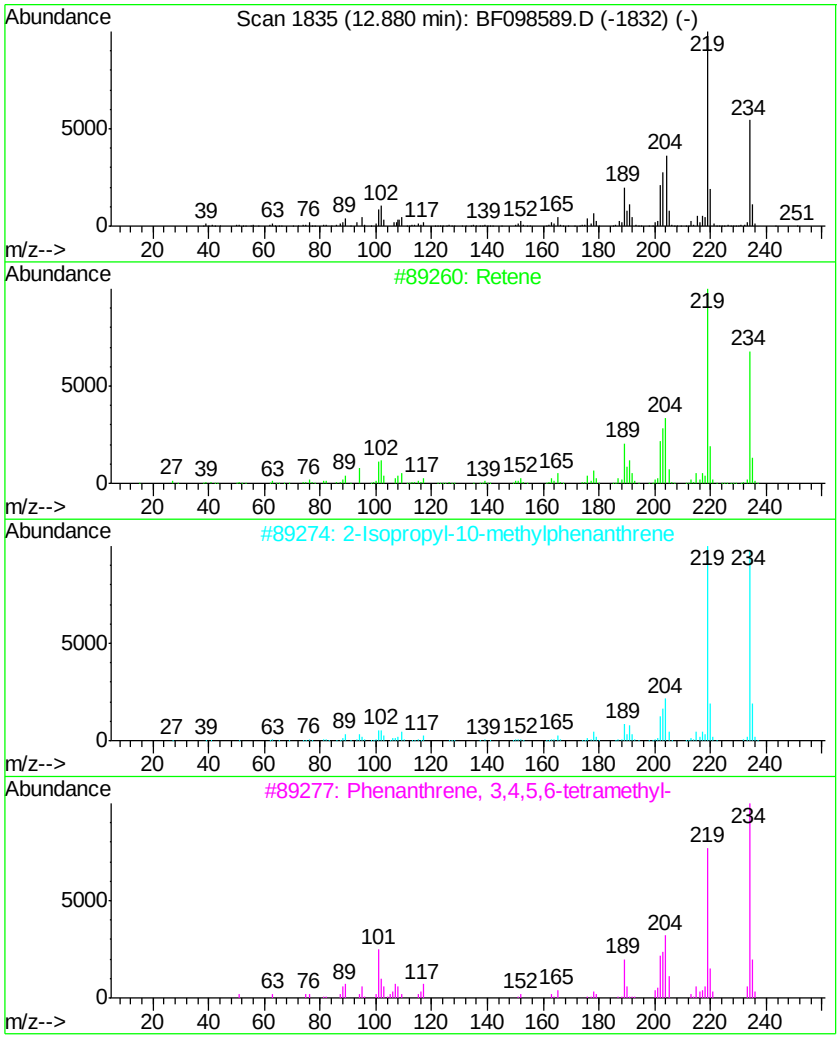
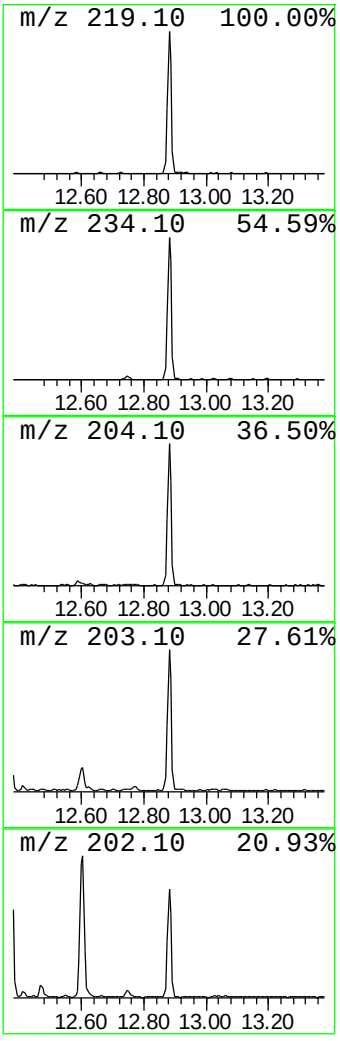
Peak Number 14 Retene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	22.48 ng	933424	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	76
4	1-Ethanone, 1-(4-amino-7-chloro-...	234	C12H11ClN2O	1000350-06-0	49
5	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	49





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ALS Vial : 18 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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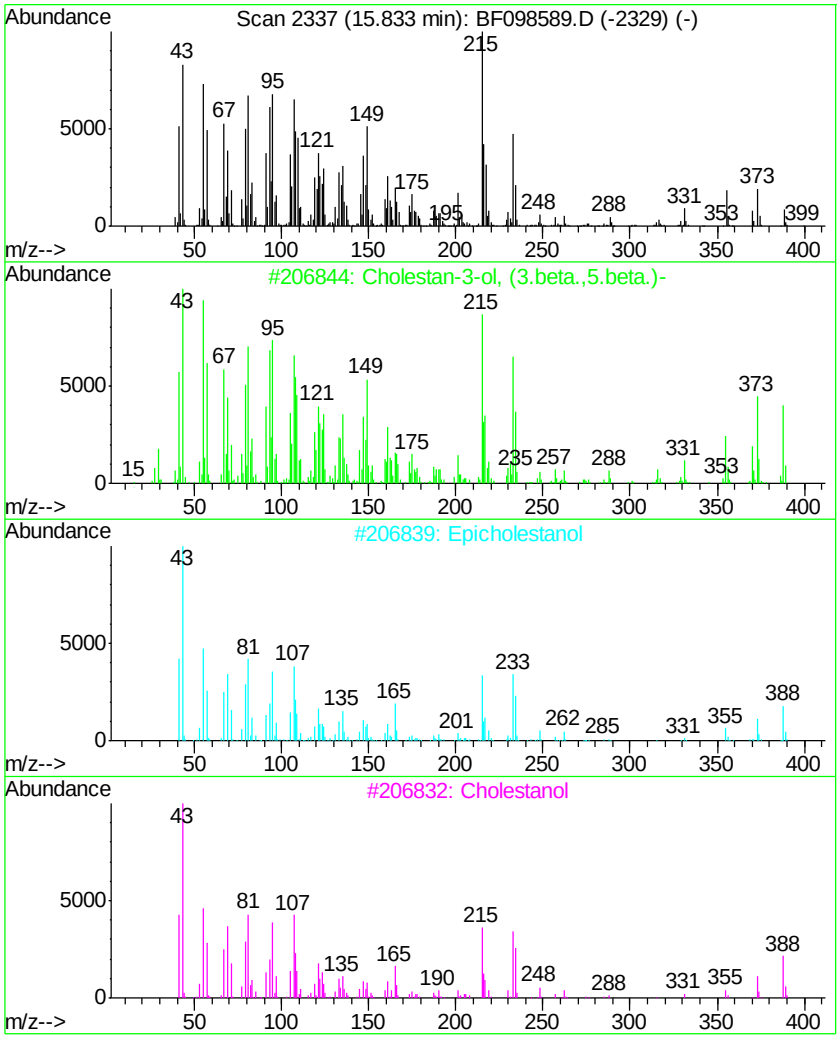
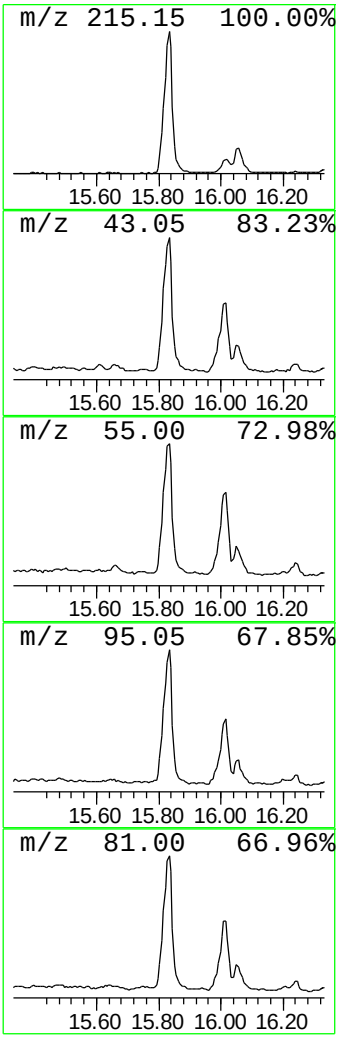
Peak Number 15 Cholestan-3-ol, (3.beta.,5.... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	167.49 ng	7183850	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	95
2	Epicholestanol	388	C27H48O	000516-95-0	78
3	Cholestanol	388	C27H48O	000080-97-7	43
4	Cholest-2-ene	370	C27H46	015910-23-3	32
5	2,3-Dichlorothiophene-5-sulfonyl...	250	C4HCl3O2S2	126714-85-0	30





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ClientSampleId :
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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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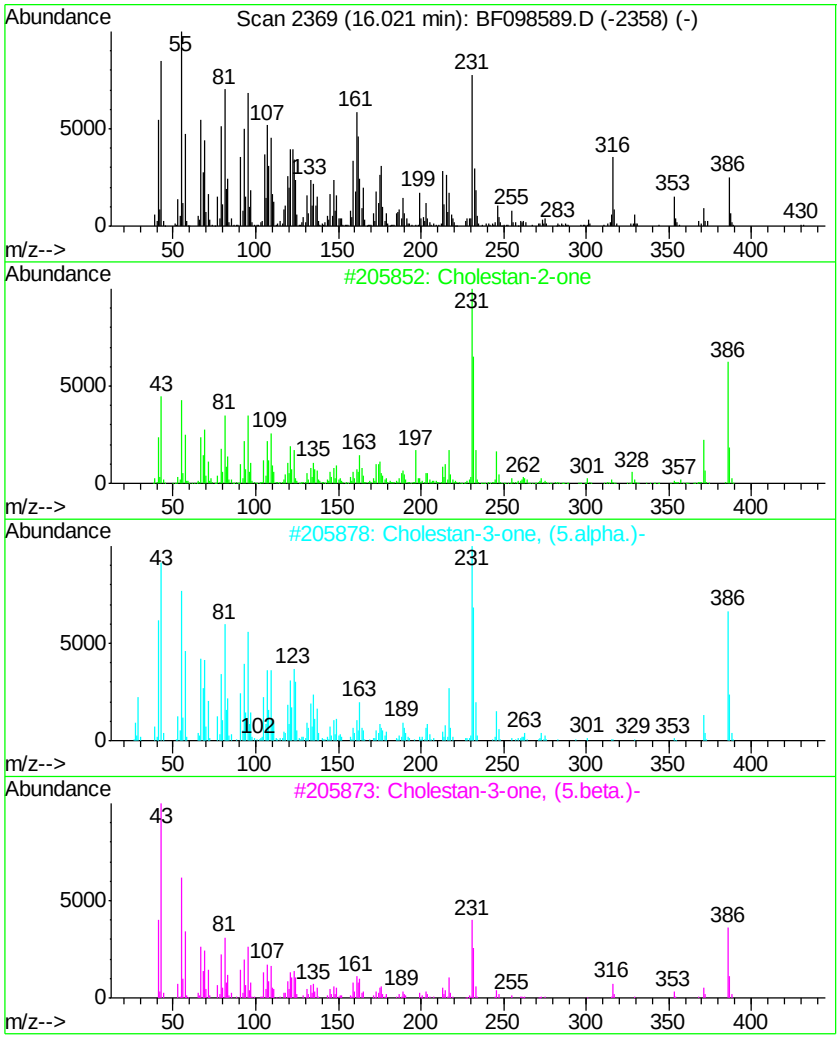
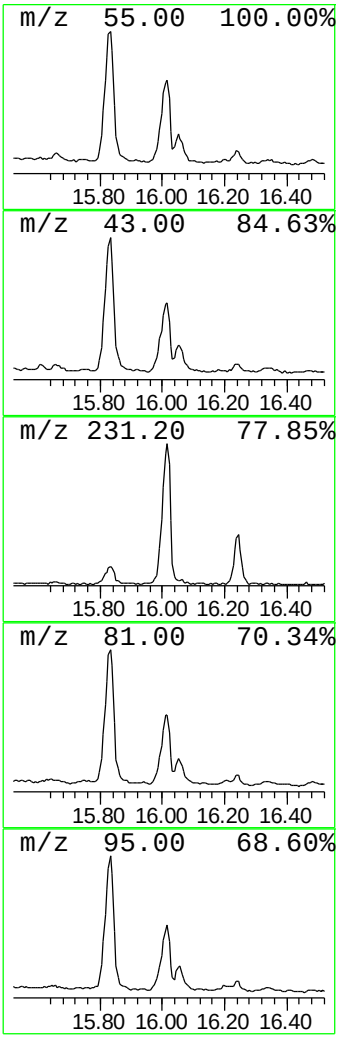
Peak Number 16 Cholestan-2-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	86.99 ng	3731070	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-2-one	386	C27H46O	1000210-43-4	93
2	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	74
3	Cholestan-3-one, (5.beta.)-	386	C27H46O	000601-53-6	55
4	Cholan-24-oic acid, 3-oxo-, meth...	388	C25H40O3	015074-03-0	55
5	Cholestan-3-one	386	C27H46O	015600-08-5	50





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Sample : I5205-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

TIC Library : C:\DATABASE\NIST11.L
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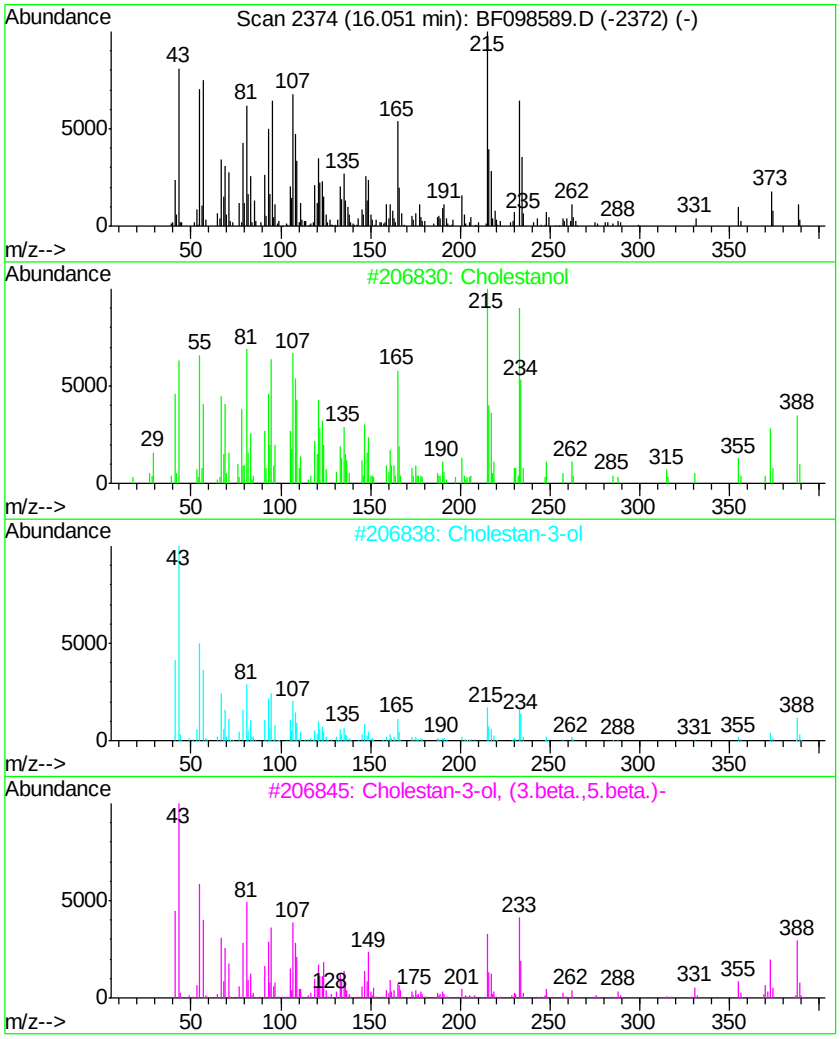
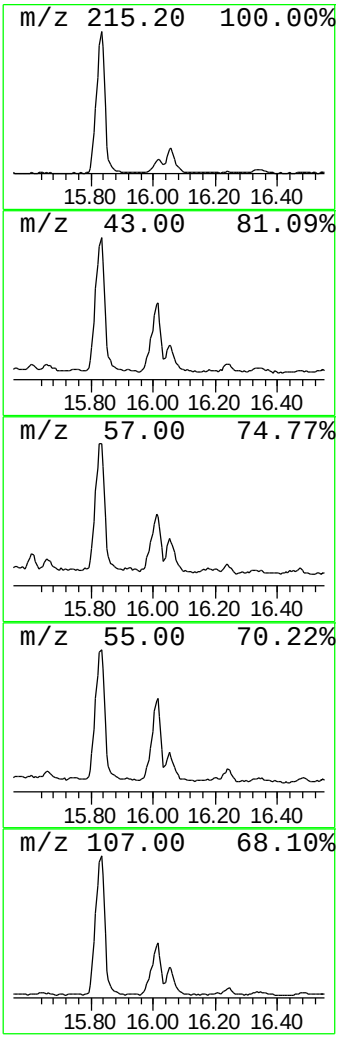
Peak Number 17 Cholestanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	25.66 ng	1100690	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	388	C27H48O	027409-41-2	87
3	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	70
4	Epicholestanol	388	C27H48O	000516-95-0	64
5	4-Isopropenyl-4,7-dimethyl-1-oxa...	180	C12H20O	1000187-81-7	25





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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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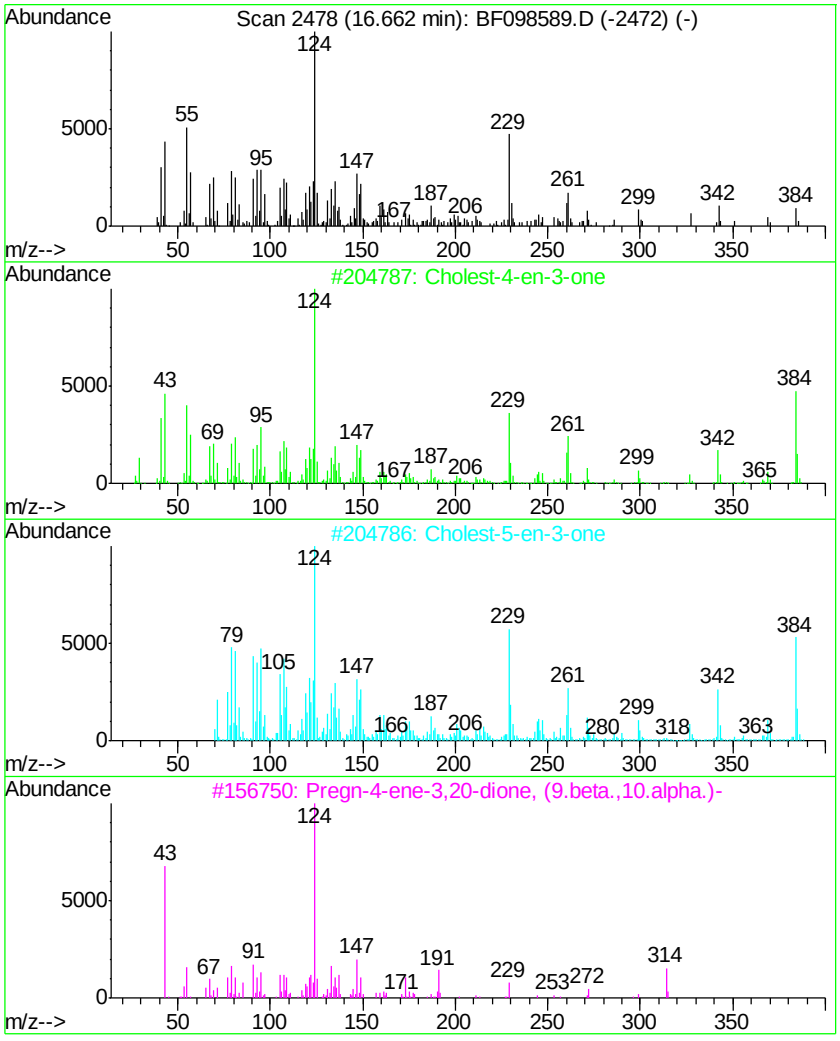
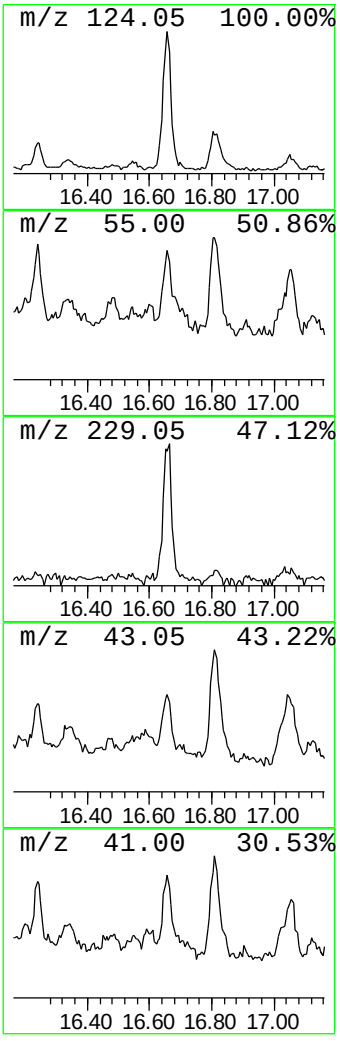
Peak Number 18 Cholest-4-en-3-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	18.76 ng	804578	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-4-en-3-one	384	C27H44O	000601-57-0	99
2	Cholest-5-en-3-one	384	C27H44O	000601-54-7	45
3	Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	38
4	1,3-Benzenediol, 5-pentyl-	180	C11H16O2	000500-66-3	35
5	Benzenemethanol, 3-hydroxy-	124	C7H8O2	000620-24-6	35





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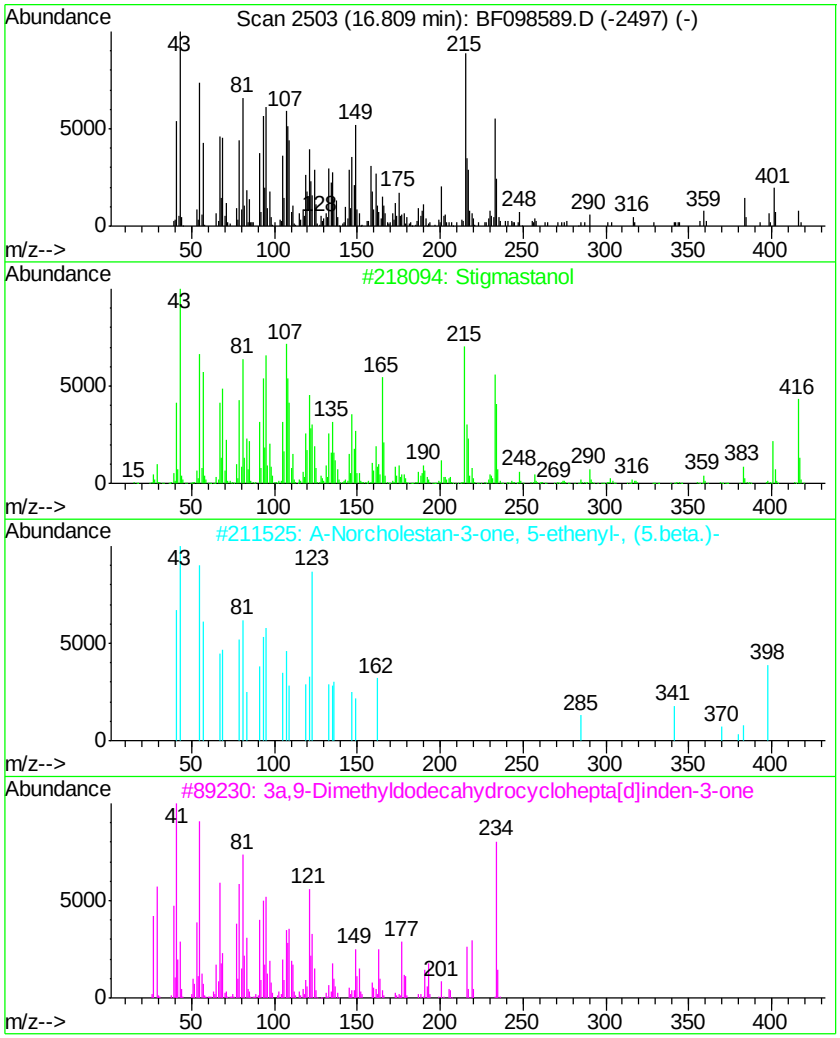
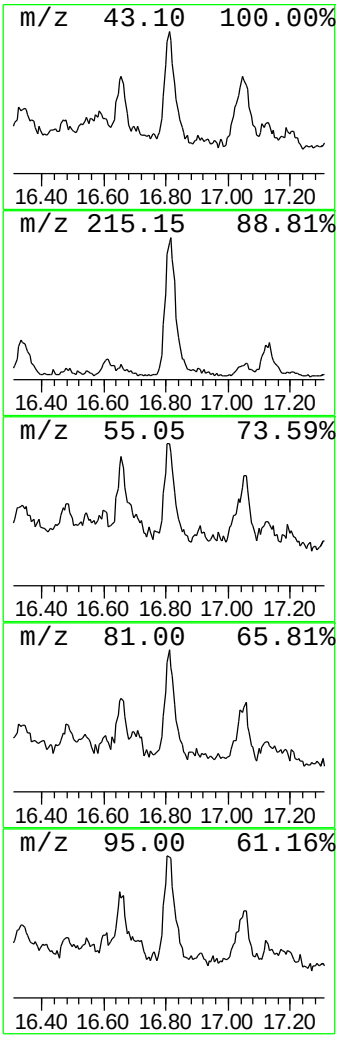
Peak Number 19 Stigmastanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	24.45 ng	1048840	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmastanol	416	C29H52O	019466-47-8	59
2	A-Norcholestan-3-one, 5-ethenyl-...	398	C28H46O	019594-90-2	41
3	3a,9-Dimethyldodecahydrocyclohep...	234	C16H26O	1000189-38-7	38
4	5-(2-Methyloctan-2-yl)-3-(1R,3R-...	332	C22H36O2	070434-92-3	35
5	Tetrahydrosmilagenin	420	C27H48O3	1000255-29-0	35





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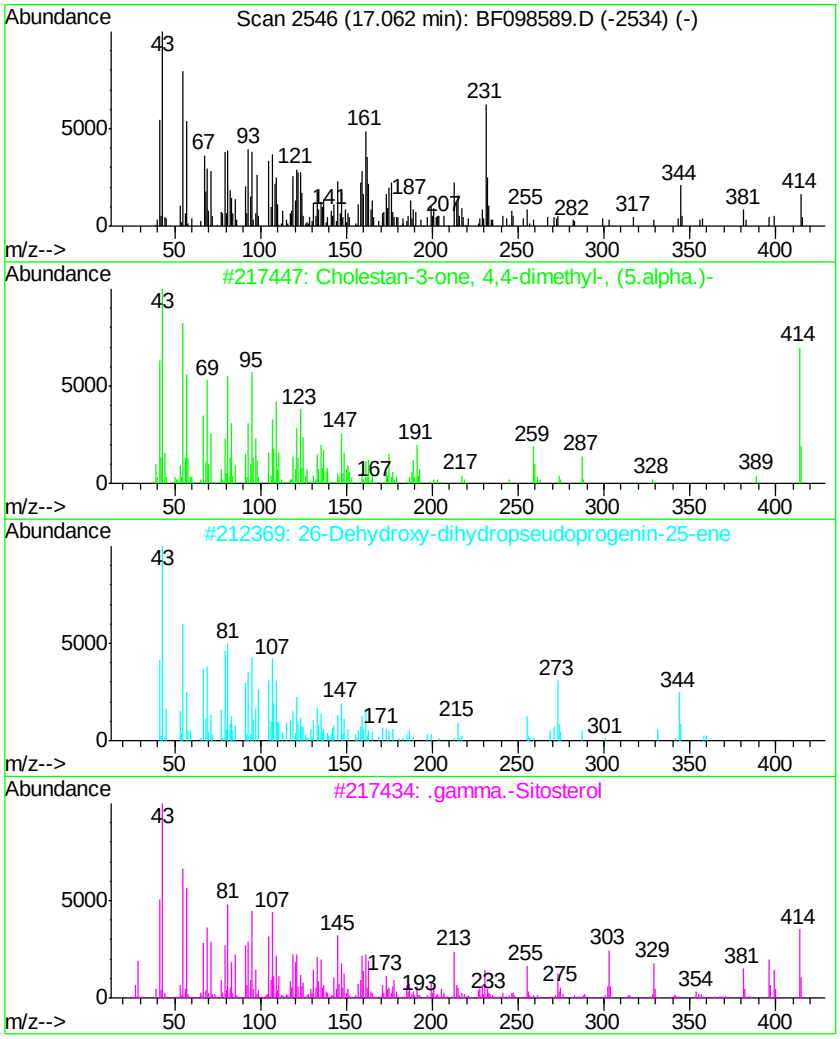
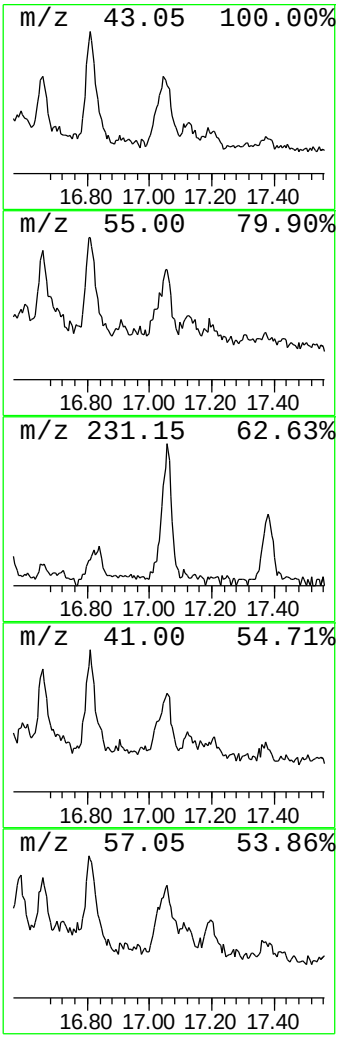
Peak Number 20 unknown17.06 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	17.40 ng	746262	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	44
2	26-Dehydroxy-dihydropseudoprogen...	400	C27H44O2	1000255-22-7	38
3	.gamma.-Sitosterol	414	C29H50O	000083-47-6	30
4	.beta.-Sitosterol	414	C29H50O	000083-46-5	30
5	Stigmastan-7-one	414	C29H50O	055331-88-9	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098589.D
Acq On : 16 Sep 2017 00:47
Operator : SJ/JU
Sample : I5205-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-STOCKPILE-INSIDE

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	63.8	ng	3170300	1	6.64	993997	20.0
unknown10.60	10.60	19.9	ng	1031280	4	11.16	1034090	20.0
Phenol, 4-(1,1,3,...	10.66	22.8	ng	1177700	4	11.16	1034090	20.0
unknown10.69	10.69	39.9	ng	2064660	4	11.16	1034090	20.0
Phenol, p-tert-bu...	10.72	30.8	ng	1593790	4	11.16	1034090	20.0
unknown10.75	10.75	15.8	ng	814563	4	11.16	1034090	20.0
4-Ethoxyphenyl is...	10.78	19.8	ng	1021970	4	11.16	1034090	20.0
5H-Pyrrolo(3,2-d)...	10.83	31.4	ng	1622830	4	11.16	1034090	20.0
1,3-Cyclopentadie...	10.91	17.4	ng	898490	4	11.16	1034090	20.0
18-Norabietane	12.01	26.7	ng	1381590	4	11.16	1034090	20.0
Retene	12.88	22.5	ng	933424	5	13.80	830533	20.0
Cholestan-3-ol, (...	15.83	167.5	ng	7183850	6	15.20	857847	20.0
Cholestan-2-one	16.02	87.0	ng	3731070	6	15.20	857847	20.0
Cholestanol	16.05	25.7	ng	1100690	6	15.20	857847	20.0
Cholest-4-en-3-one	16.66	18.8	ng	804578	6	15.20	857847	20.0
Stigmastanol	16.81	24.4	ng	1048840	6	15.20	857847	20.0
unknown17.06	17.06	17.4	ng	746262	6	15.20	857847	20.0