LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108738.D
Acq On : 4 Sep 2018 14:07
Operator : JU/SJ
Sample : J4726-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SLUDGE-2

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-BF083018.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	5.225	487	491	498	rBV2	44894	70149	4.87%	0.209%
2	5.625	556	559	568	rBV	291582	609184	42.28%	1.818%
3	6.007	618	624	628	rVB4	48049	73458	5.10%	0.219%
4	6.219	656	660	662	rBV	68022	72789	5.05%	0.217%
5	6.236	662	663	667	rVV2	65017	67754	4.70%	0.202%
6	6.407	688	692	697	rBV3	38970	69402	4.82%	0.207%
7	6.466	697	702	706	rVB3	79981	103507	7.18%	0.309%
8	6.519	706	711	715	rBV6	74986	136341	9.46%	0.407%
9	6.625	726	729	736	rBV	394874	788975	54.76%	2.355%
10	6.678	736	738	741	rVV	181469	158396	10.99%	0.473%
11	6.719	742	745	748	rVV3	88528	93982	6.52%	0.281%
12	6.760	749	752	758	rVV	774334	978875	67.94%	2.922%
13	6.807	758	760	764	rVB2	125747	137403	9.54%	0.410%
14	6.989	786	791	798	rVV2	164941	404679	28.09%	1.208%
15	7.054	798	802	805	rVV	421393	427737	29.69%	1.277%
16	7.089	805	808	811	rVV	662746	593765	41.21%	1.772%
17	7.119	811	813	814	rVV2	71472	61519	4.27%	0.184%
18	7.142	814	817	824	rVV	685696	784662	54.46%	2.342%
19	7.242	829	834	837	rBV5	120999	174615	12.12%	0.521%
20	7.295	840	843	849	rVB2	100616	158233	10.98%	0.472%
21	7.401	859	861	865	rVB4	55681	66065	4.59%	0.197%
22	7.442	865	868	870	rBV2	53541	62422	4.33%	0.186%
23	7.507	874	879	883	rBV3	195965	280511	19.47%	0.837%
24	7.554	883	887	893	rBV2	361396	573468	39.80%	1.712%
25	7.619	896	898	901	rVB3	134896	134046	9.30%	0.400%
26	7.666	902	906	910	rVB4	81944	101198	7.02%	0.302%
27	7.742	916	919	922	rBV	123253	113052	7.85%	0.337%
28	7.783	922	926	931	rVB4	173547	270990	18.81%	0.809%
29	7.872	933	941	944	rBV4	158261	256756	17.82%	0.766%
30	7.901	944	946	953	rBV6	162423	233230	16.19%	0.696%
31	8.001	960	963	965	rBV	167223	161794	11.23%	0.483%
32	8.025	965	967	971	rVB4	62231	77282	5.36%	0.231%
33	8.072	972	975	978	rVB3	60677	68830	4.78%	0.205%
34	8.124	982	984	987	rVB2	111219	104749	7.27%	0.313%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108738.D
Acq On : 4 Sep 2018 14:07
Operator : JU/SJ
Sample : J4726-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SLUDGE-2

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-BF083018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.160	987	990	993	rBV3	81950	115439	8.01%	0.345%
36	8.230	999	1002	1004	rBV	172432	196349	13.63%	0.586%
37	8.272	1007	1009	1013	rVV	337288	421981	29.29%	1.260%
38	8.307	1013	1015	1018	rVB	474976	409560	28.42%	1.222%
39	8.342	1018	1021	1027	rVB5	148668	195915	13.60%	0.585%
40	8.460	1039	1041	1044	rVB	164166	140548	9.75%	0.420%
41	8.507	1046	1049	1051	rBV2	89544	89071	6.18%	0.266%
42	8.548	1052	1056	1060	rVB4	297684	410742	28.51%	1.226%
43	8.589	1060	1063	1064	rBV2	105099	105093	7.29%	0.314%
44	8.648	1070	1073	1074	rBV2	102564	75434	5.24%	0.225%
45	8.666	1074	1076	1079	rVB	333979	260716	18.09%	0.778%
46	8.701	1079	1082	1084	rBV3	94353	99781	6.93%	0.298%
47	8.730	1084	1087	1090	rVB4	129254	149763	10.39%	0.447%
48	8.772	1090	1094	1096	rBV2	307841	348050	24.16%	1.039%
49	8.889	1110	1114	1116	rBV4	123804	198764	13.79%	0.593%
50	8.930	1119	1121	1124	rVB2	167227	155999	10.83%	0.466%
51	9.007	1129	1134	1136	rBV4	141911	187199	12.99%	0.559%
52	9.036	1136	1139	1142	rBV3	121298	138435	9.61%	0.413%
53	9.089	1145	1148	1152	rBV2	420513	505398	35.08%	1.509%
54	9.207	1164	1168	1170	rBV4	194281	277906	19.29%	0.830%
55	9.271	1176	1179	1181	rVB	352529	293231	20.35%	0.875%
56	9.342	1188	1191	1195	rBV	811283	847795	58.84%	2.531%
57	9.413	1199	1203	1207	rVB3	416868	523025	36.30%	1.561%
58	9.448	1207	1209	1211	rBV2	112963	114095	7.92%	0.341%
59	9.489	1214	1216	1219	rVB3	215950	206214	14.31%	0.616%
60	9.654	1241	1244	1247	rBV4	146457	231618	16.08%	0.691%
61	9.689	1247	1250	1253	rVV3	168350	229709	15.94%	0.686%
62	9.724	1253	1256	1262	rVB3	773931	919841	63.84%	2.746%
63	9.889	1281	1284	1286	rBV4	249293	265228	18.41%	0.792%
64	9.936	1289	1292	1296	rVB3	457512	449995	31.23%	1.343%
65	9.977	1296	1299	1301	rBV3	161537	188298	13.07%	0.562%
66	10.013	1301	1305	1307	rBV3	305322	391918	27.20%	1.170%
67	10.030	1307	1308	1313	rVB2	275200	274773	19.07%	0.820%
68	10.342	1358	1361	1365	rBV3	233015	391696	27.19%	1.169%
69	10.436	1374	1377	1379	rVB	331333	286676	19.90%	0.856%
70	10.466	1379	1382	1384	rBV3	136445	144082	10.00%	0.430%
71	10.660	1411	1415	1418	rBV	546448	592952	41.15%	1.770%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108738.D
Acq On : 4 Sep 2018 14:07
Operator : JU/SJ
Sample : J4726-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SLUDGE-2

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-BF083018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.830	1440	1444	1450	rBV	532911	854999	59.34%	2.552%
73	10.924	1456	1460	1468	rVB	1170381	1440850	100.00%	4.301%
74	10.989	1469	1471	1474	rBV2	188314	208258	14.45%	0.622%
75	11.060	1481	1483	1486	rBV3	209239	272118	18.89%	0.812%
76	11.207	1506	1508	1511	rVB	170341	137579	9.55%	0.411%
77	11.360	1532	1534	1536	rBV	114342	102417	7.11%	0.306%
78	11.389	1536	1539	1546	rVB	694850	710133	49.29%	2.120%
79	11.448	1546	1549	1555	rVB	437630	420177	29.16%	1.254%
80	11.507	1556	1559	1561	rBV2	224006	260395	18.07%	0.777%
81	11.536	1561	1564	1566	rBV	456344	503487	34.94%	1.503%
82	11.601	1573	1575	1579	rBV2	140255	152511	10.58%	0.455%
83	11.713	1592	1594	1597	rBV	255841	250758	17.40%	0.748%
84	11.742	1597	1599	1602	rVV	151317	142887	9.92%	0.426%
85	11.889	1621	1624	1627	rBV	710756	569370	39.52%	1.699%
86	11.918	1627	1629	1630	rVV	239818	187197	12.99%	0.559%
87	11.960	1634	1636	1639	rVB	287024	246167	17.08%	0.735%
88	12.030	1645	1648	1652	rBV2	392243	487236	33.82%	1.454%
89	12.142	1664	1667	1670	rBV	556025	550898	38.23%	1.644%
90	12.312	1692	1696	1701	rBV	1121275	1187218	82.40%	3.544%
91	12.583	1740	1742	1745	rBV2	211872	234682	16.29%	0.700%
92	12.754	1768	1771	1773	rBV	382127	393425	27.31%	1.174%
93	12.989	1808	1811	1817	rVB	437522	511006	35.47%	1.525%
94	13.118	1829	1833	1838	rVB	965848	1049905	72.87%	3.134%
95	14.130	2002	2005	2008	rBV	707801	598748	41.56%	1.787%
96	14.189	2012	2015	2018	rVV2	665274	747922	51.91%	2.232%
97	14.489	2064	2066	2070	rVB3	274247	308538	21.41%	0.921%
98	14.612	2085	2087	2092	rVB3	389763	429930	29.84%	1.283%
99	15.295	2200	2203	2210	rVB2	527866	704163	48.87%	2.102%
100	16.171	2348	2352	2360	rVB2	290387	536583	37.24%	1.602%

Sum of corrected areas: 33502664

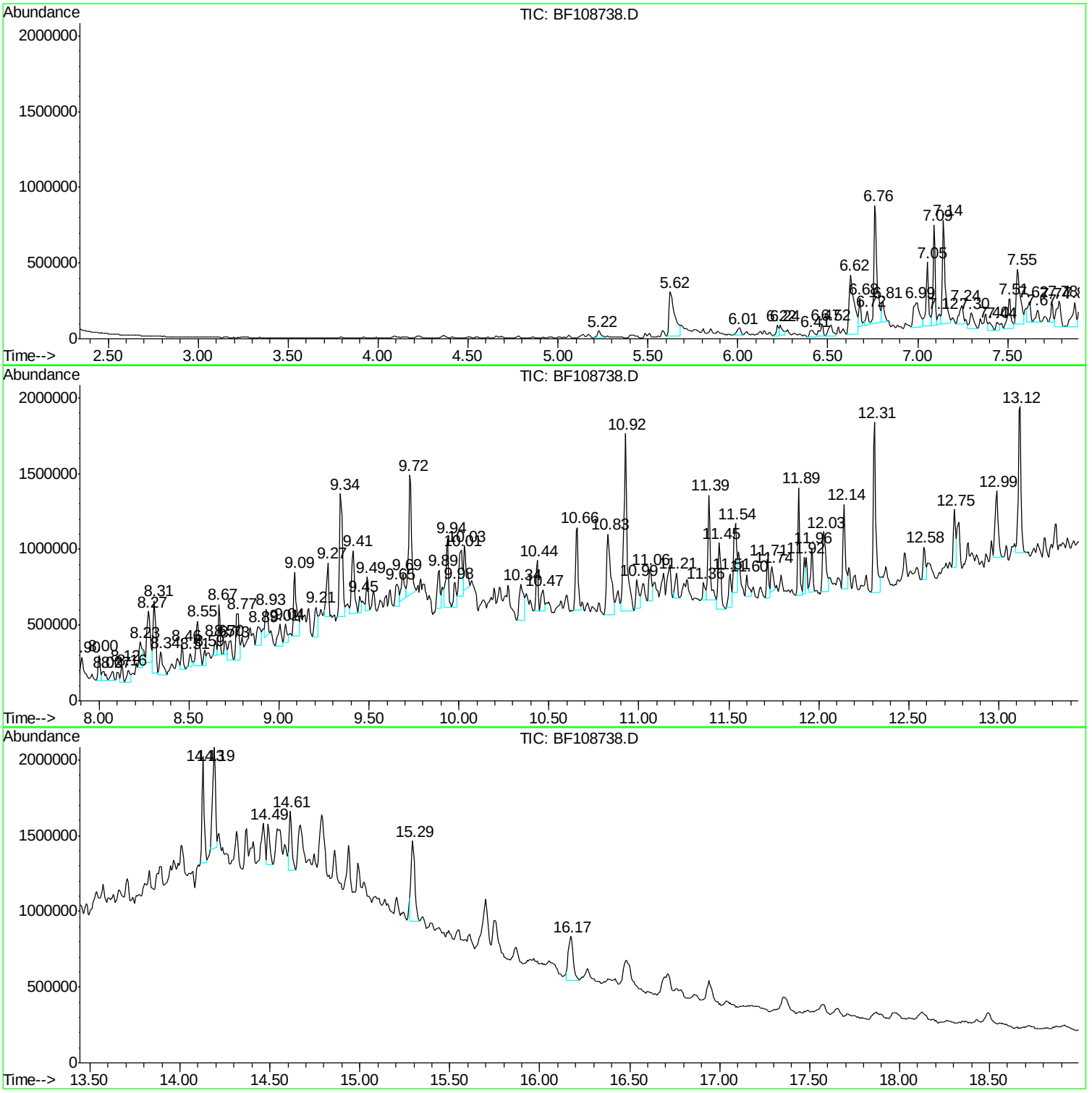
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108738.D
Acq On : 4 Sep 2018 14:07
Operator : JU/SJ
Sample : J4726-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SLUDGE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108738.D
Acq On : 4 Sep 2018 14:07
Operator : JU/SJ
Sample : J4726-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SLUDGE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

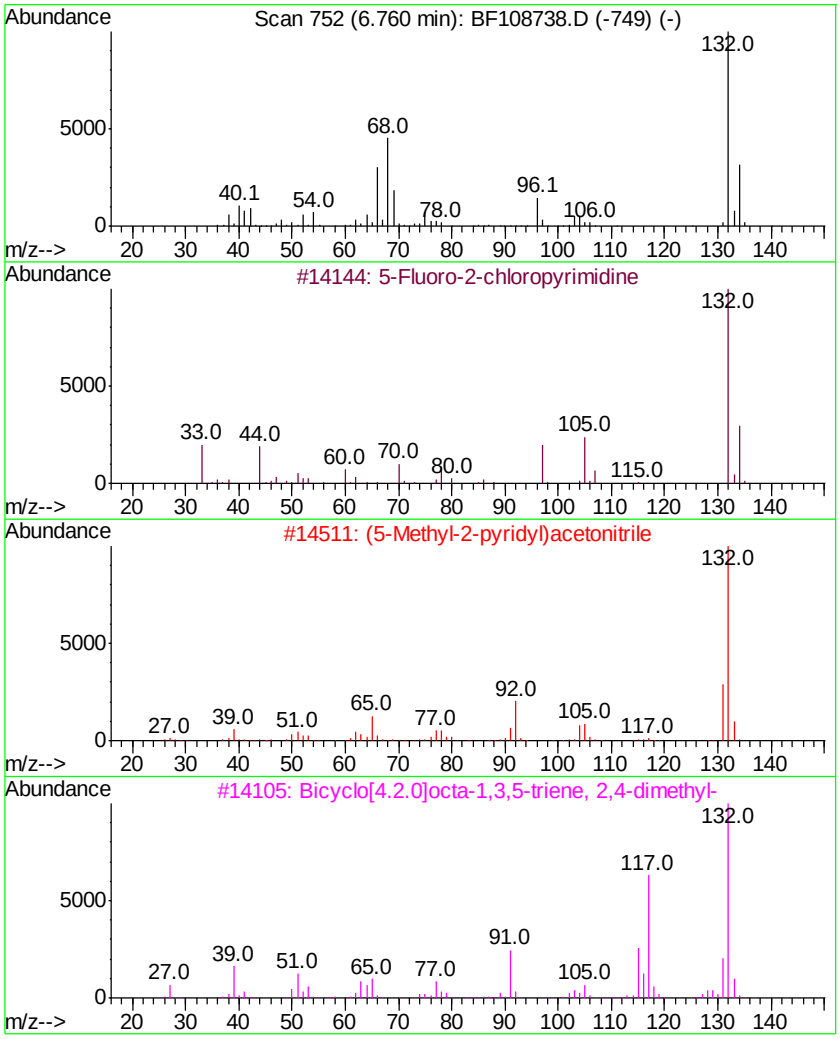
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

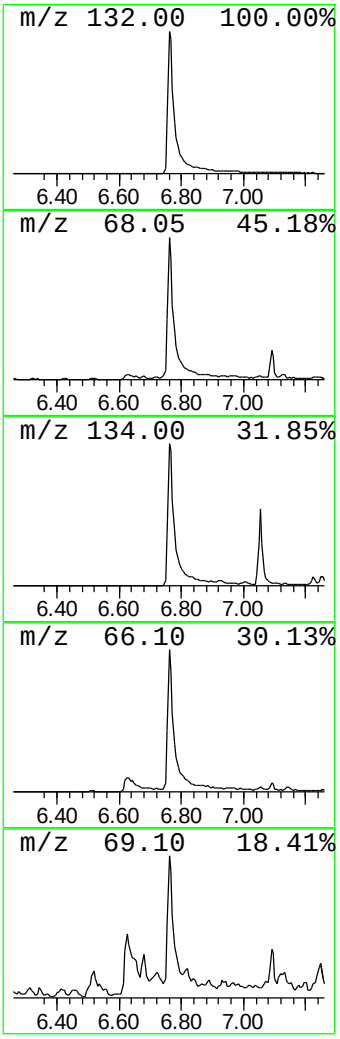
****

Peak Number 1 unknown6.76 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	48.38 ng	978875	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108738.D
Acq On : 4 Sep 2018 14:07
Operator : JU/SJ
Sample : J4726-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SLUDGE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

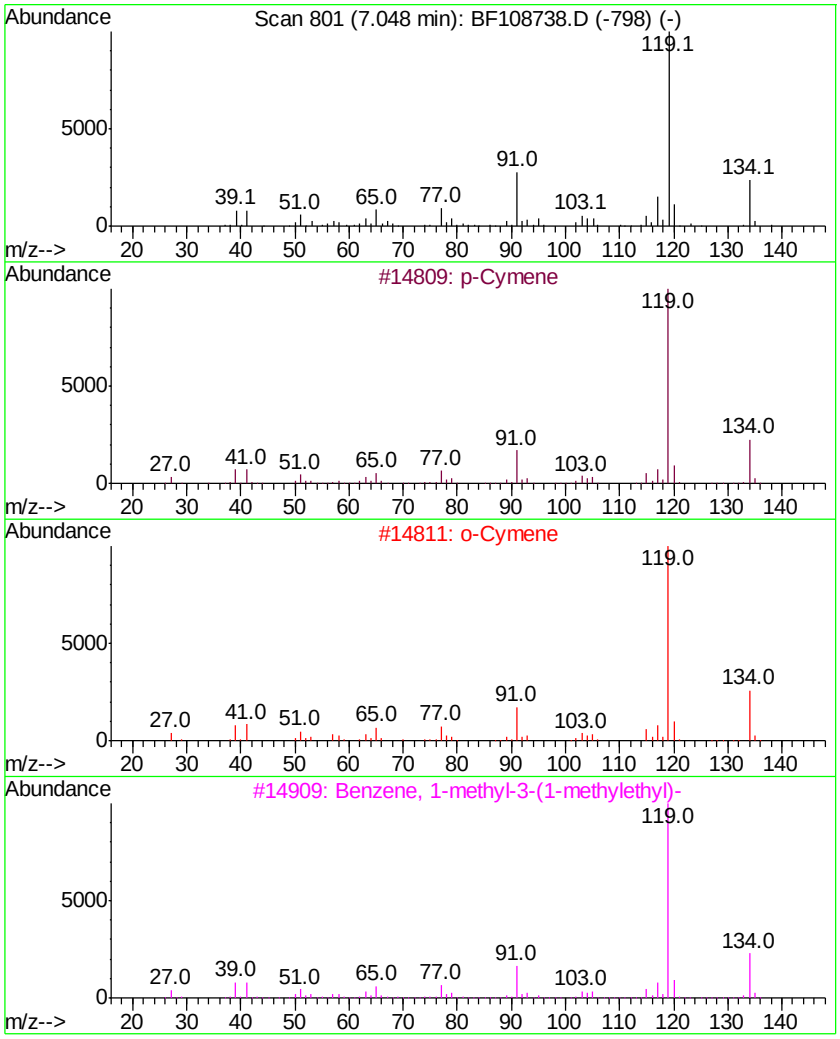
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

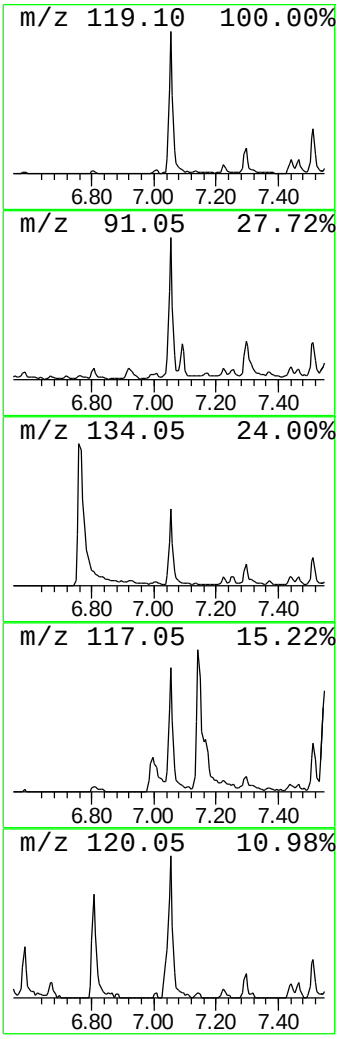
****

Peak Number 2 p-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	21.14 ng	427737	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108738.D
Acq On : 4 Sep 2018 14:07
Operator : JU/SJ
Sample : J4726-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SLUDGE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.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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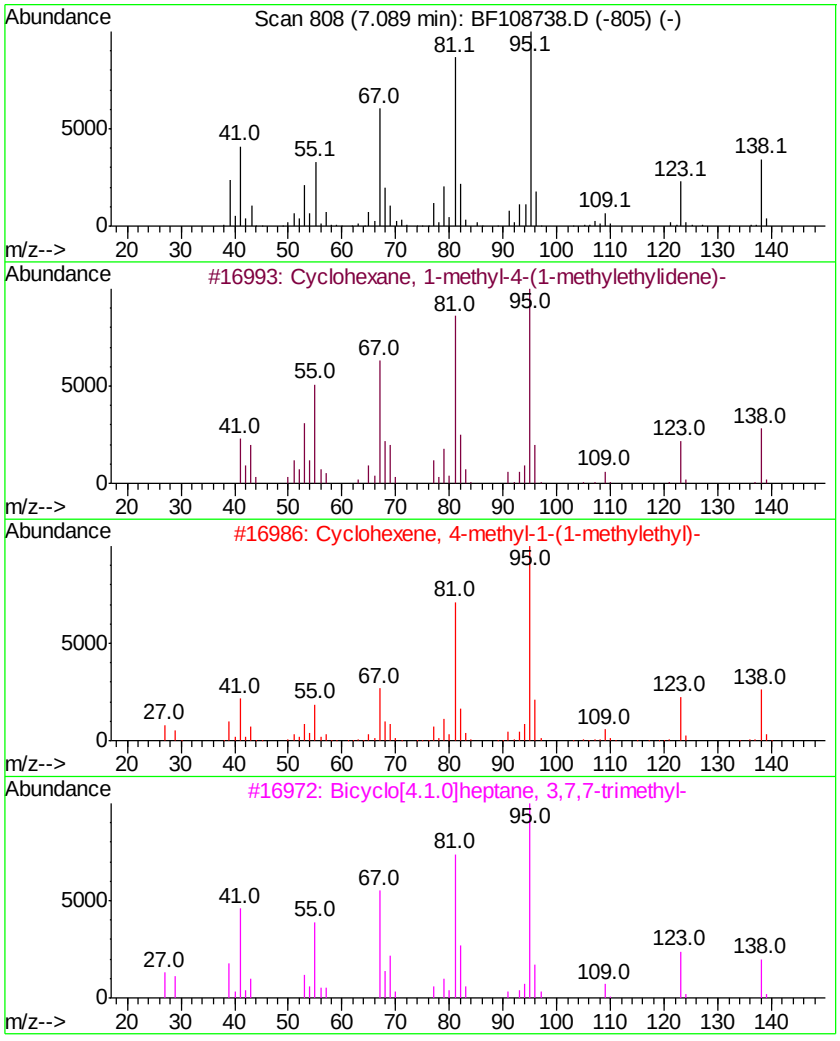
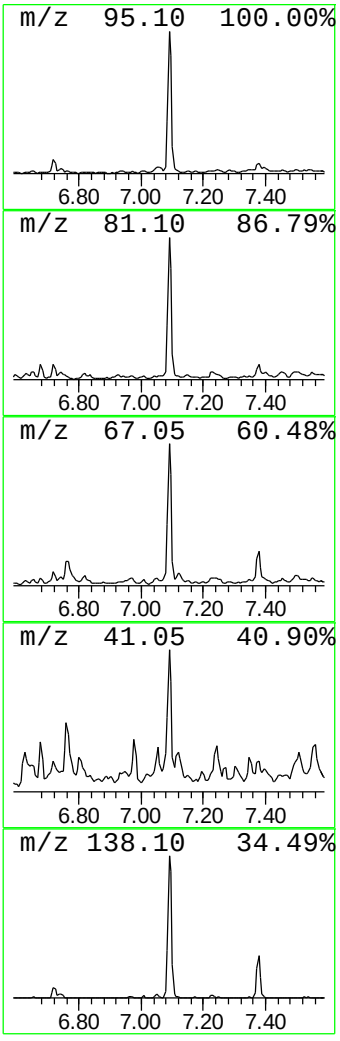
Peak Number 3 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	29.35 ng	593765	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	97
2	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	96
3	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	86
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	83
5	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108738.D
Acq On : 4 Sep 2018 14:07
Operator : JU/SJ
Sample : J4726-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SLUDGE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

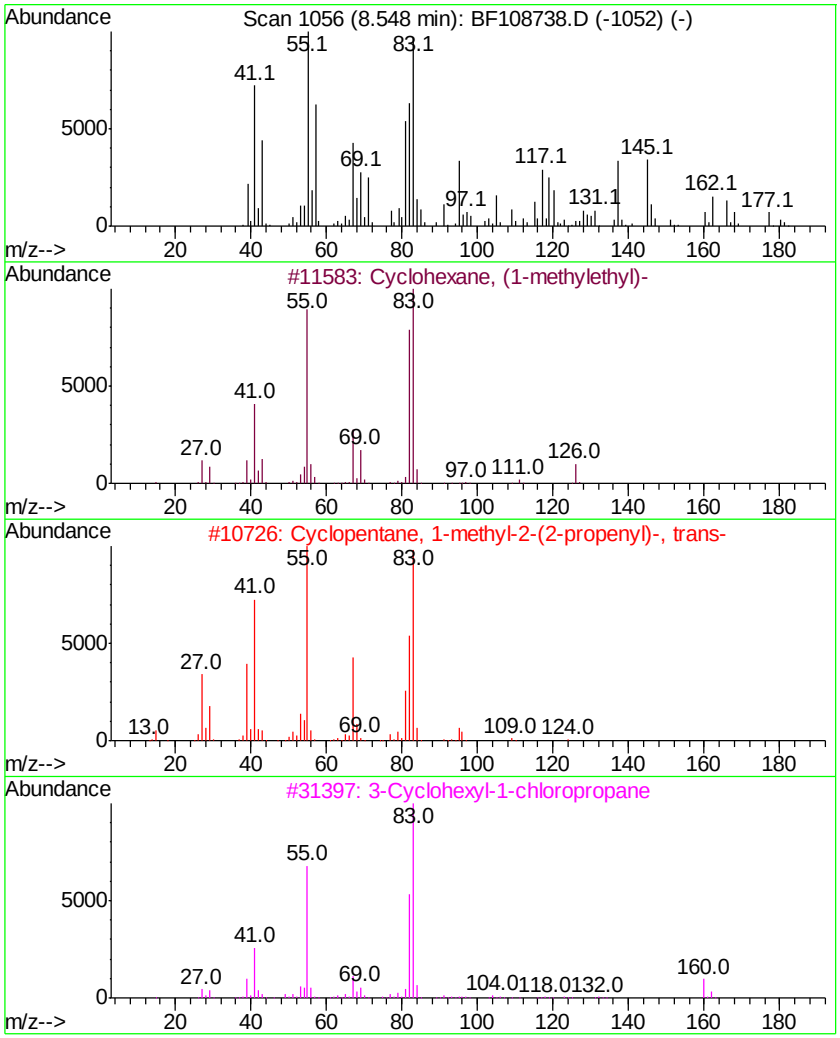
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

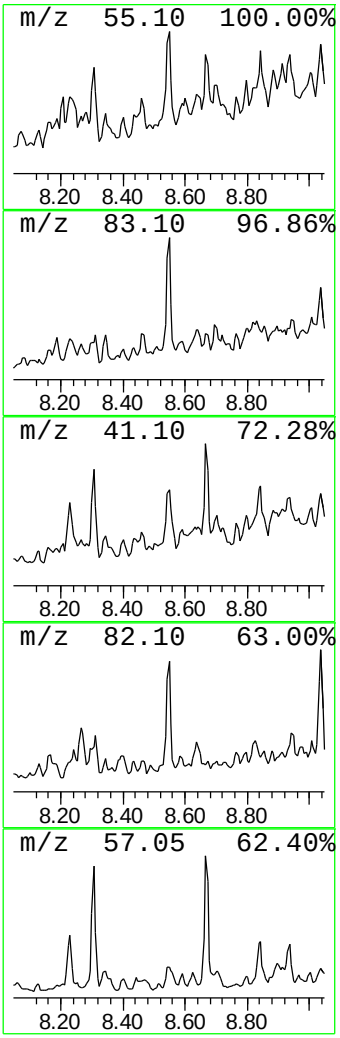
****

Peak Number 5 unknown8.55 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	19.47 ng	410742	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
2	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	43
3	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	38
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108738.D
Acq On : 4 Sep 2018 14:07
Operator : JU/SJ
Sample : J4726-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SLUDGE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

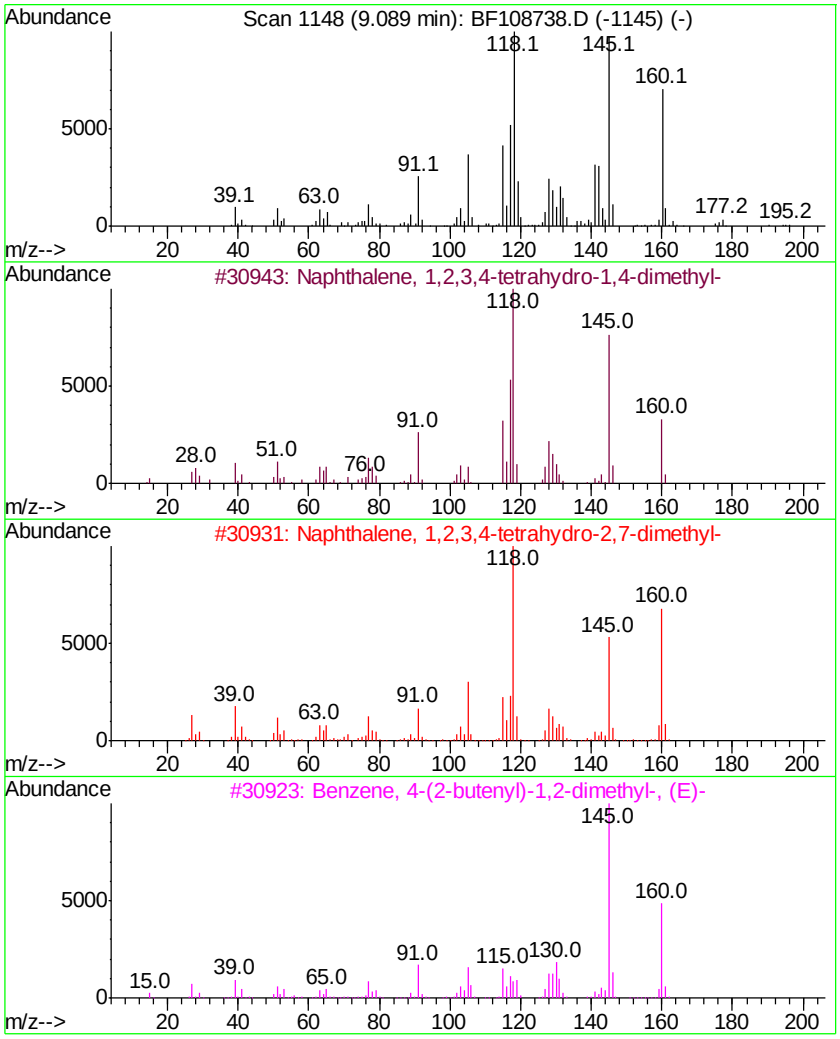
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

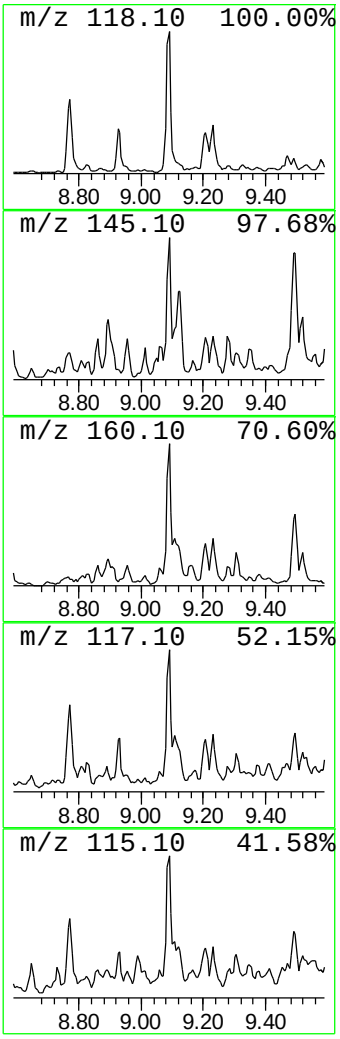
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	23.95 ng	505398	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	70
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	55
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	53
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	50





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Acq On : 4 Sep 2018 14:07
Operator : JU/SJ
Sample : J4726-03
Misc :
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Instrument : BNA_F
ClientSampleId : KG-SLUDGE-2

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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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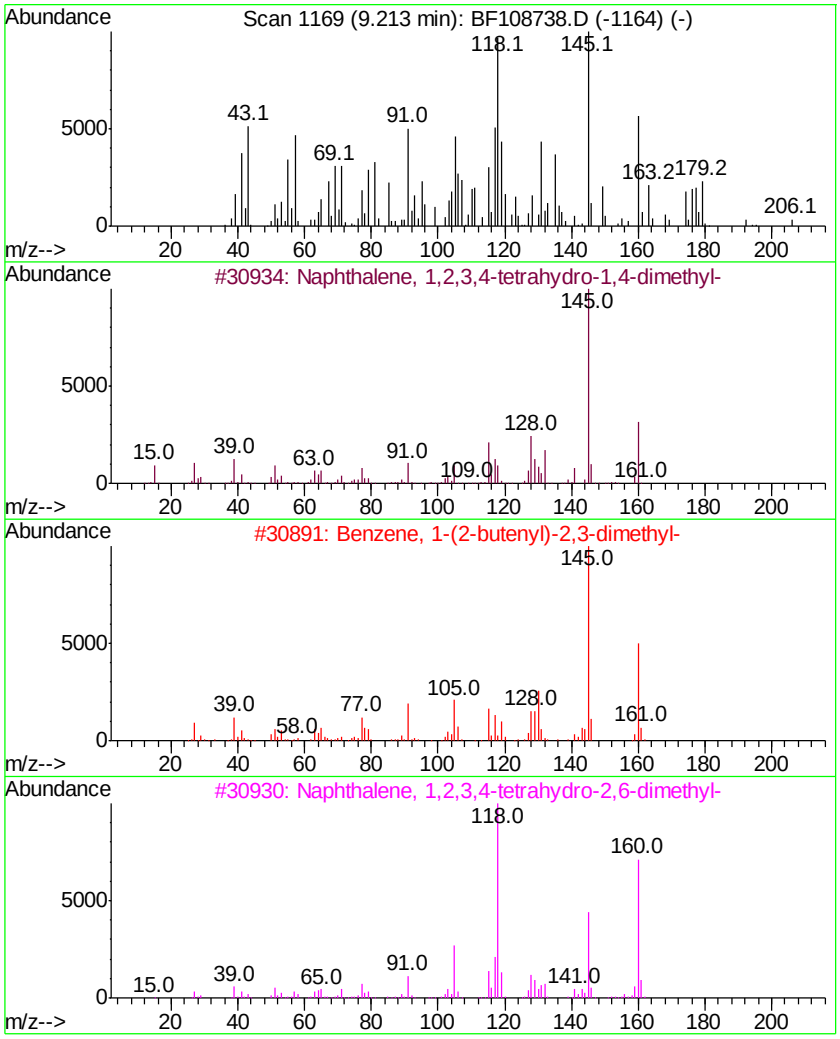
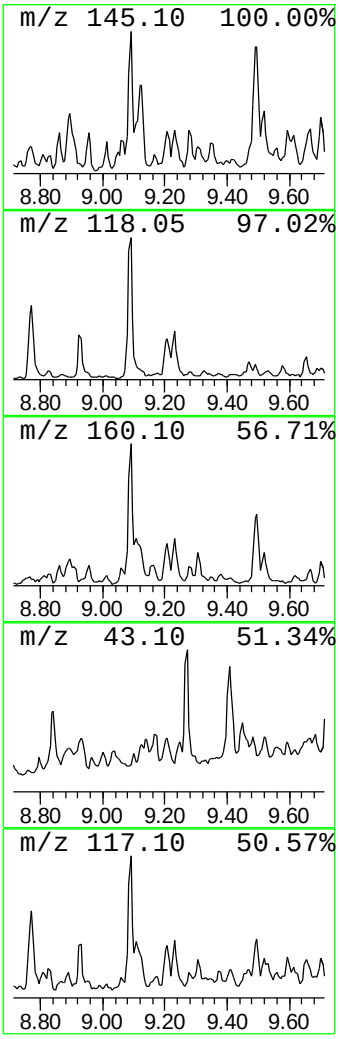
Peak Number 7 unknown9.21 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	20.23 ng	277906	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	83
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	41
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	38
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	35
5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	30





Library Search Compound Report

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Sample : J4726-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SLUDGE-2

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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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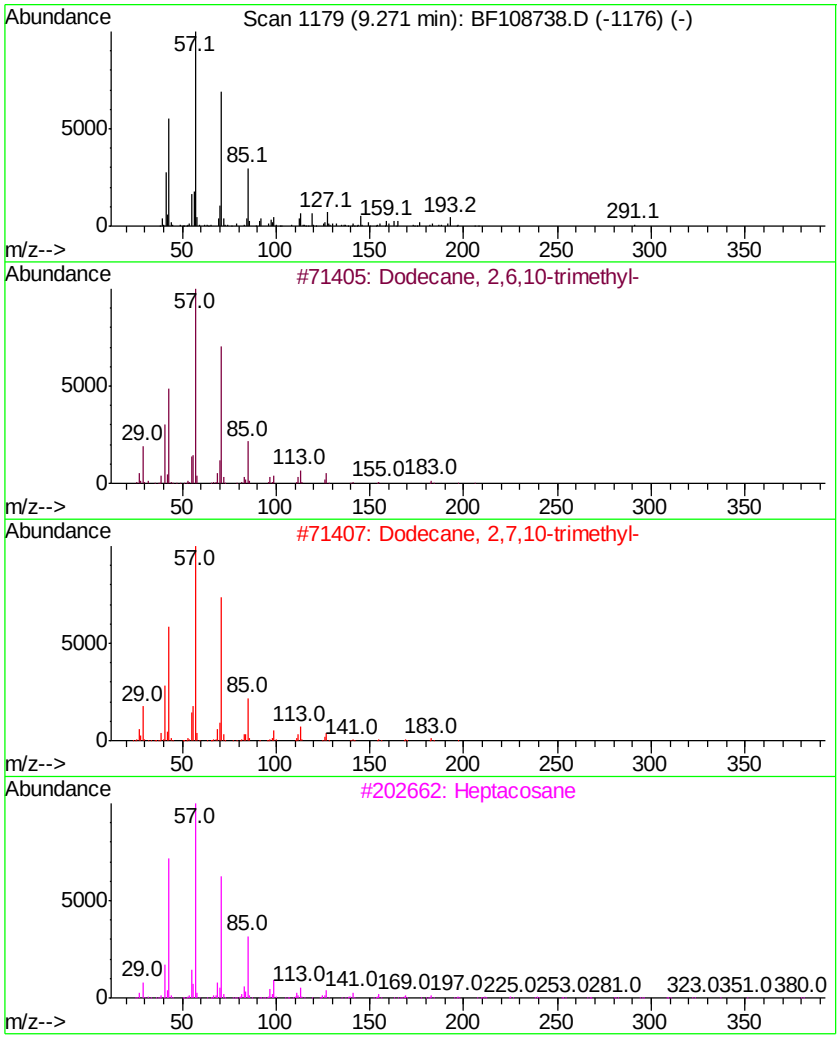
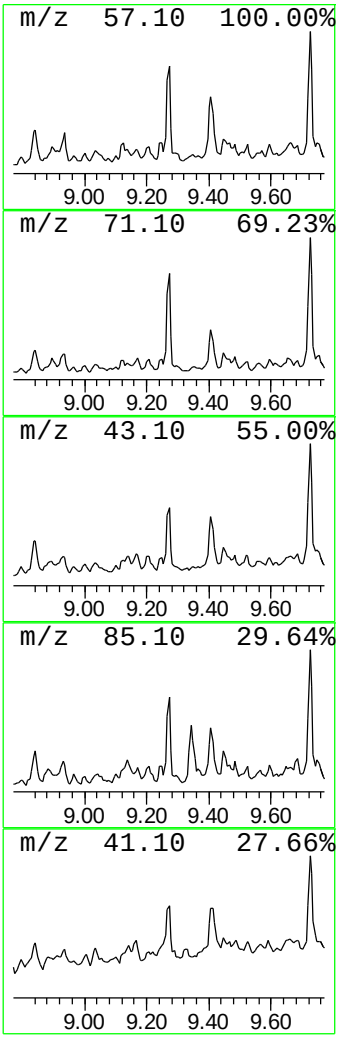
Peak Number 8 Dodecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	21.34 ng	293231	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Heptacosane	380	C27H56	000593-49-7	64
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	58





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Sample : J4726-03
Misc :
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Instrument : BNA_F
ClientSampleId : KG-SLUDGE-2

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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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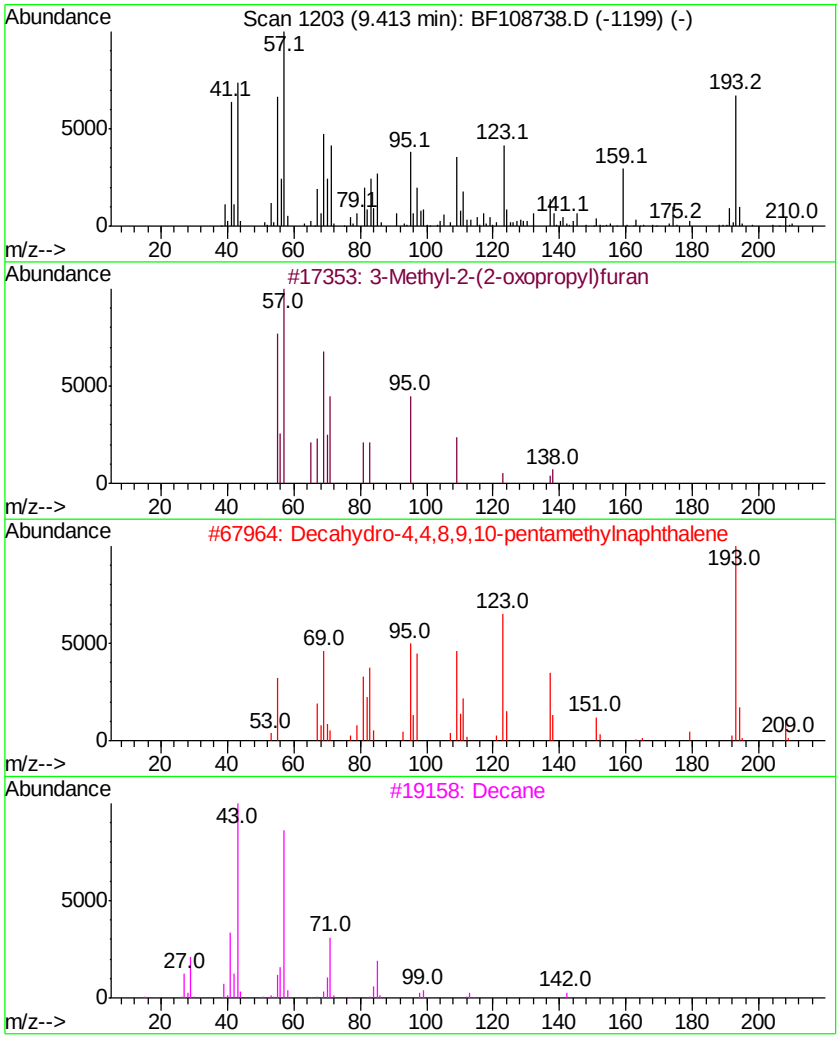
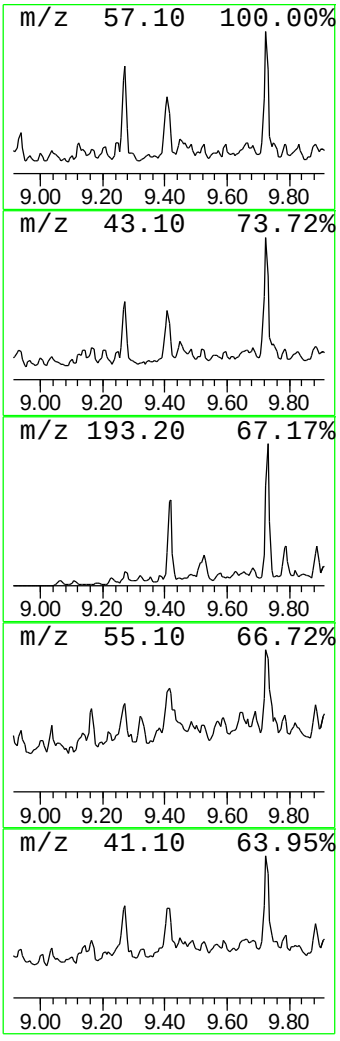
Peak Number 9 unknown9.41 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	38.07 ng	523025	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	38
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
3	Decane	142	C10H22	000124-18-5	25
4	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	22
5	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	18





Library Search Compound Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SLUDGE-2

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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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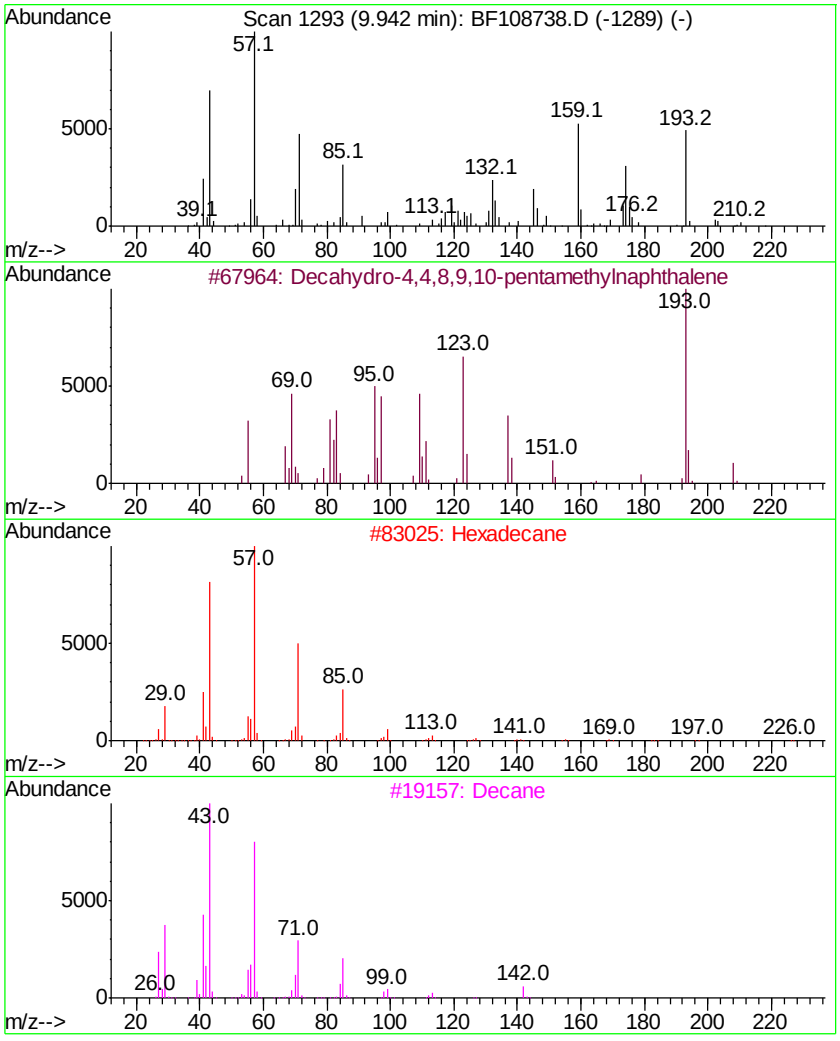
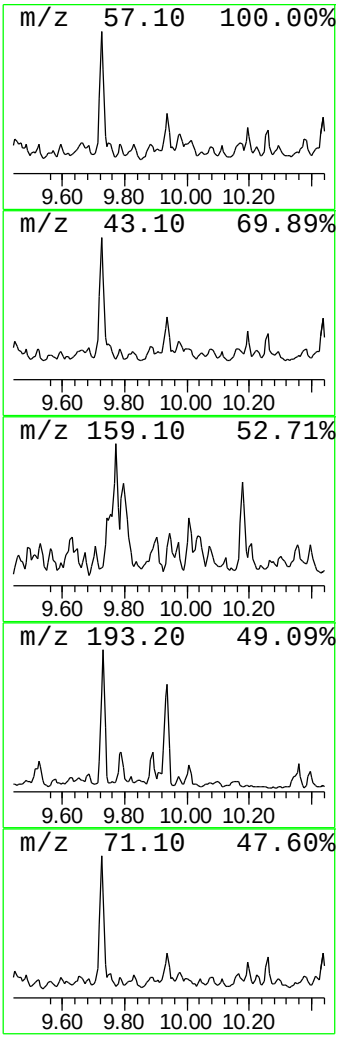
Peak Number 10 unknown9.94 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	32.75 ng	449995	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
2	Hexadecane	226	C16H34	000544-76-3	11
3	Decane	142	C10H22	000124-18-5	11
4	2,6,10-Trimethylundeca-1,3-diene	194	C14H26	1000222-09-1	11
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	10





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Operator : JU/SJ
Sample : J4726-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId : KG-SLUDGE-2

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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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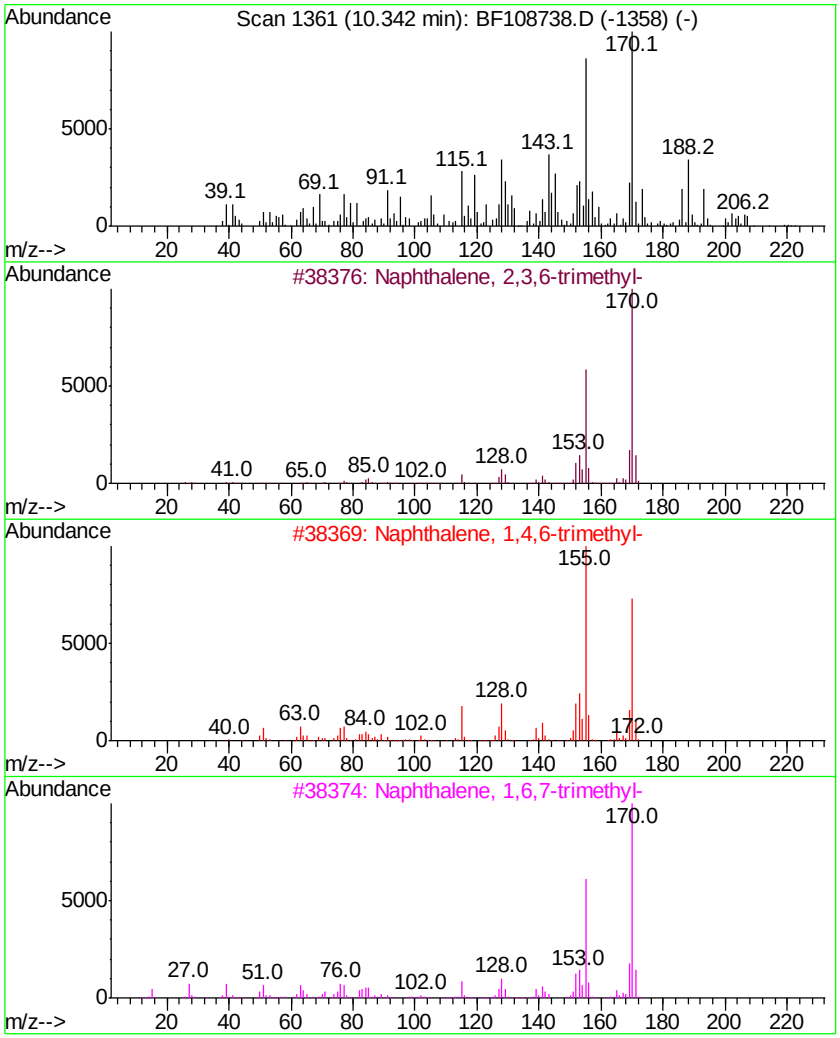
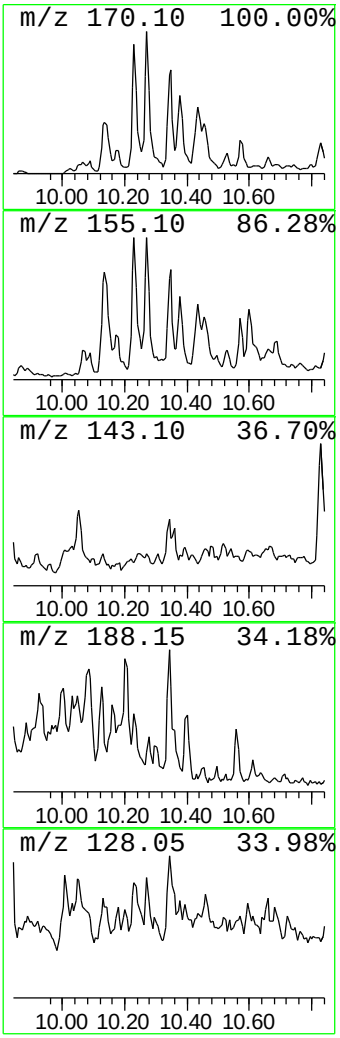
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	28.51 ng	391696	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





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Operator : JU/SJ
Sample : J4726-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SLUDGE-2

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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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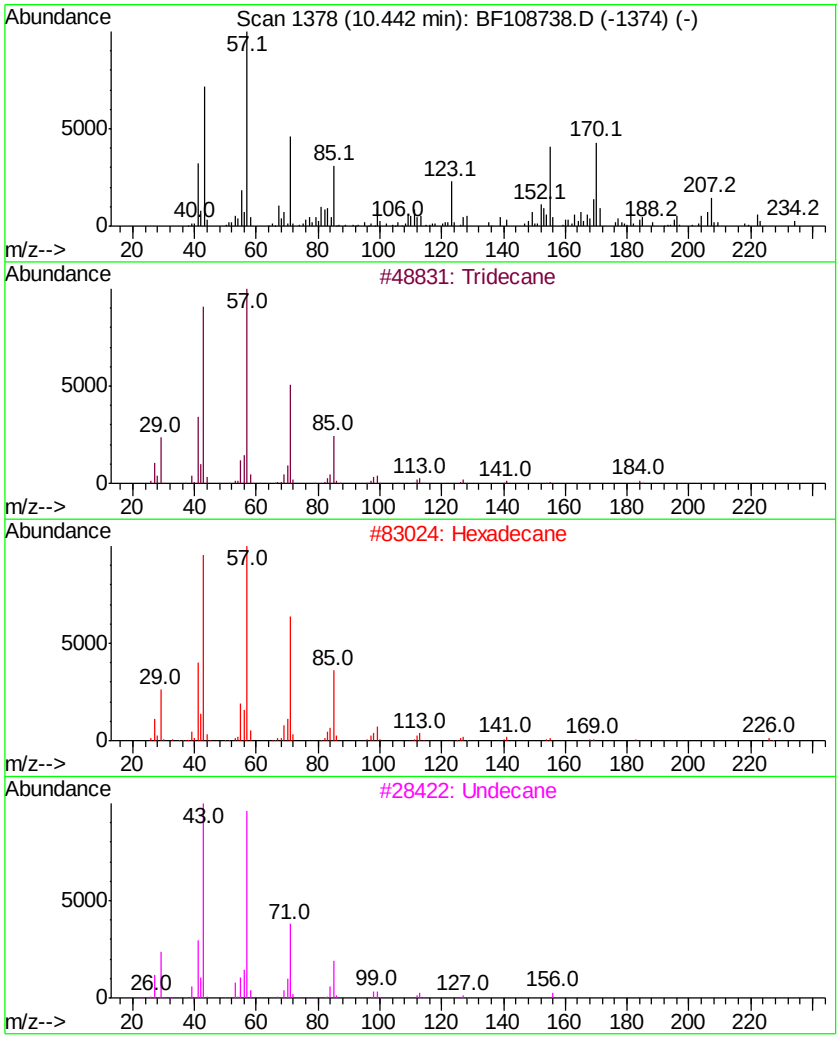
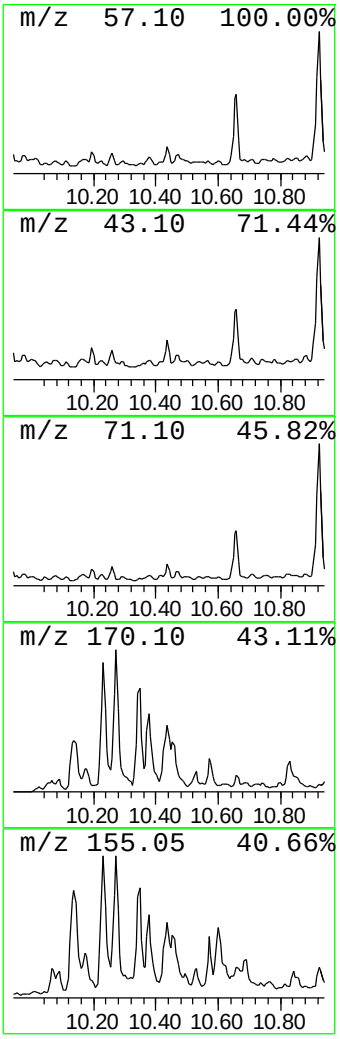
Peak Number 12 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	20.87 ng	286676	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	56
2	Hexadecane	226	C16H34	000544-76-3	35
3	Undecane	156	C11H24	001120-21-4	25
4	4-Methyl-trans-3-thiabicyclo[4.4...	170	C10H18S	1000215-94-1	25
5	(Phenylthio)acetic acid, cyclobu...	222	C12H14O2S	1000299-95-5	25





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Sample : J4726-03
Misc :
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Instrument : BNA_F
ClientSampleId : KG-SLUDGE-2

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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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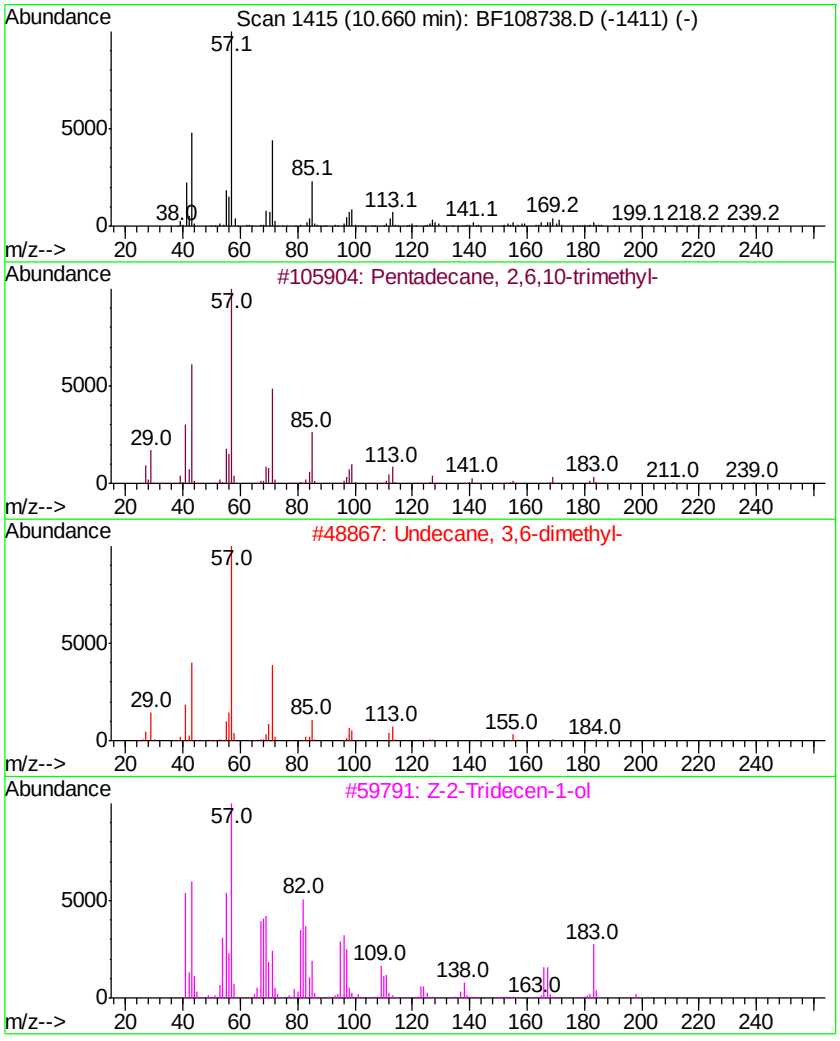
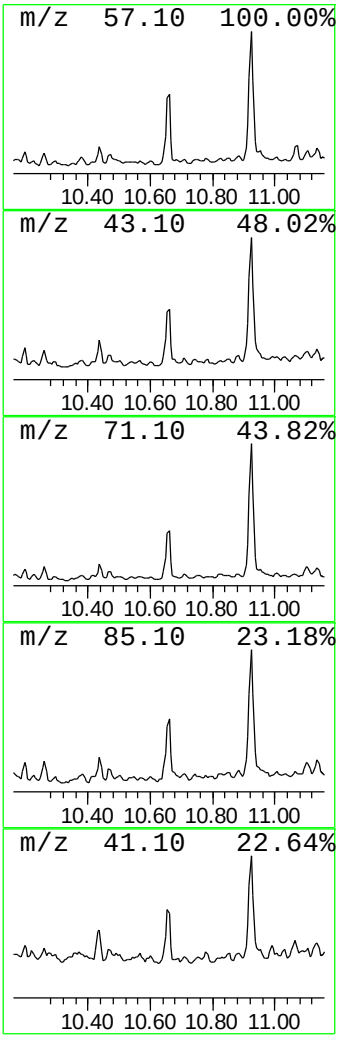
Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	43.16 ng	592952	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
3	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	70
4	Tetracosane	338	C24H50	000646-31-1	64
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64





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Sample : J4726-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
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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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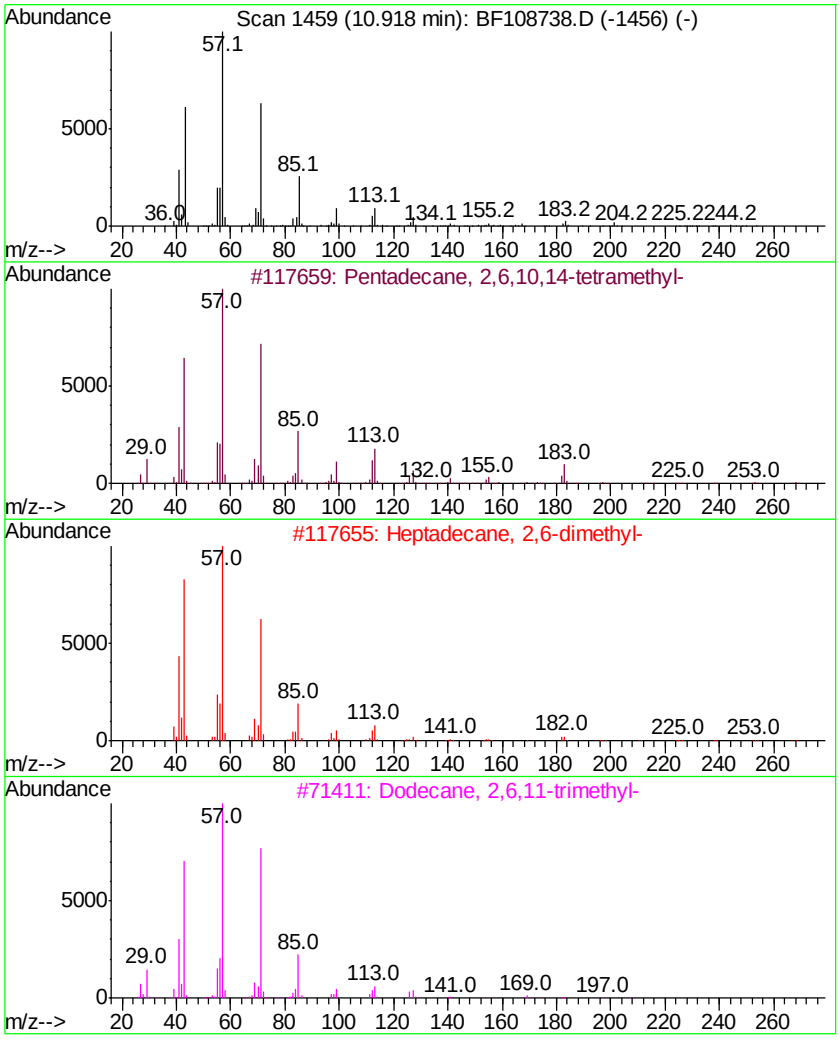
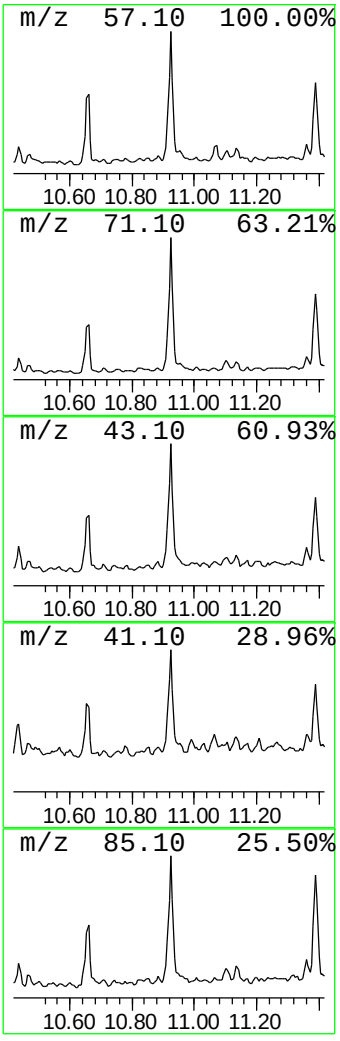
Peak Number 14 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	57.23 ng	1440850	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	83
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	74
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





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ClientSampleId : KG-SLUDGE-2

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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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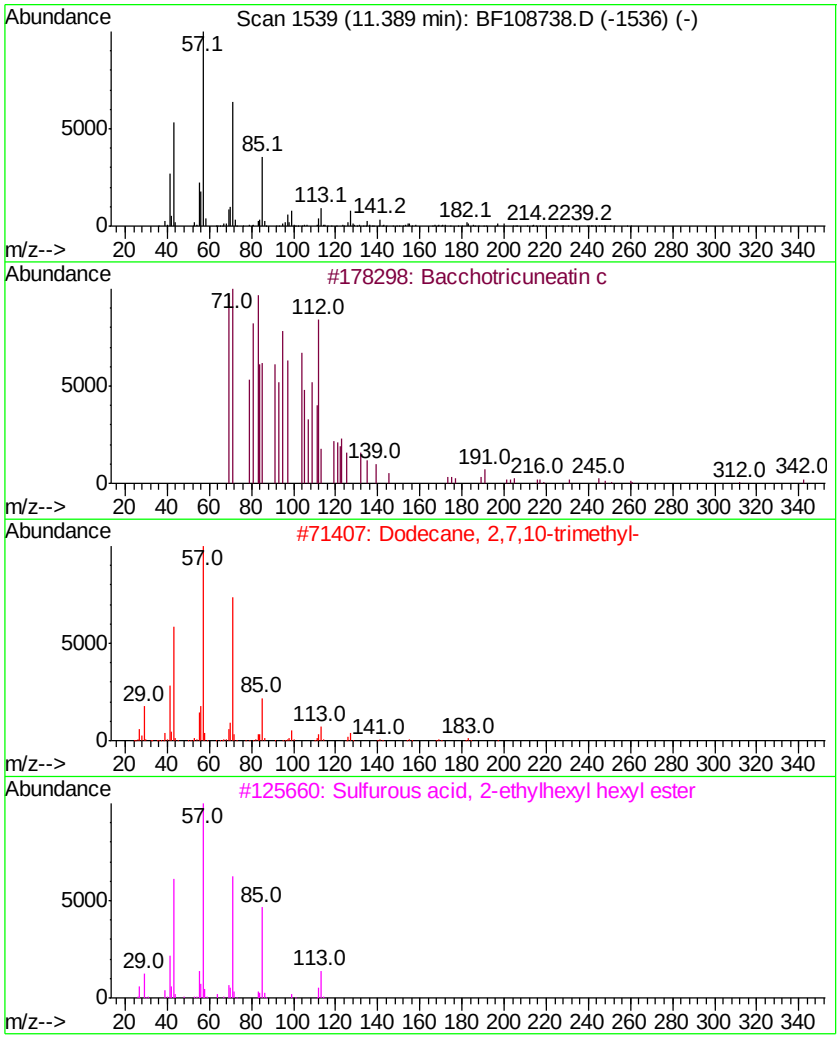
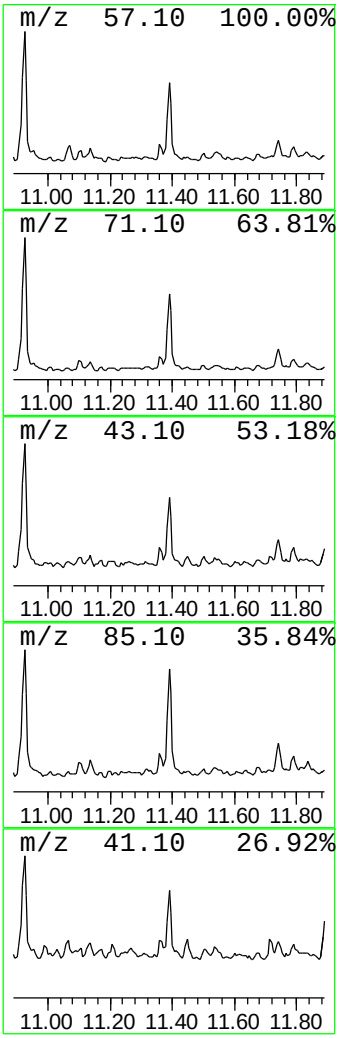
Peak Number 15 Bacchotricuneatin c Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	28.21 ng	710133	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72





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TIC Library : C:\DATABASE\NIST11.L
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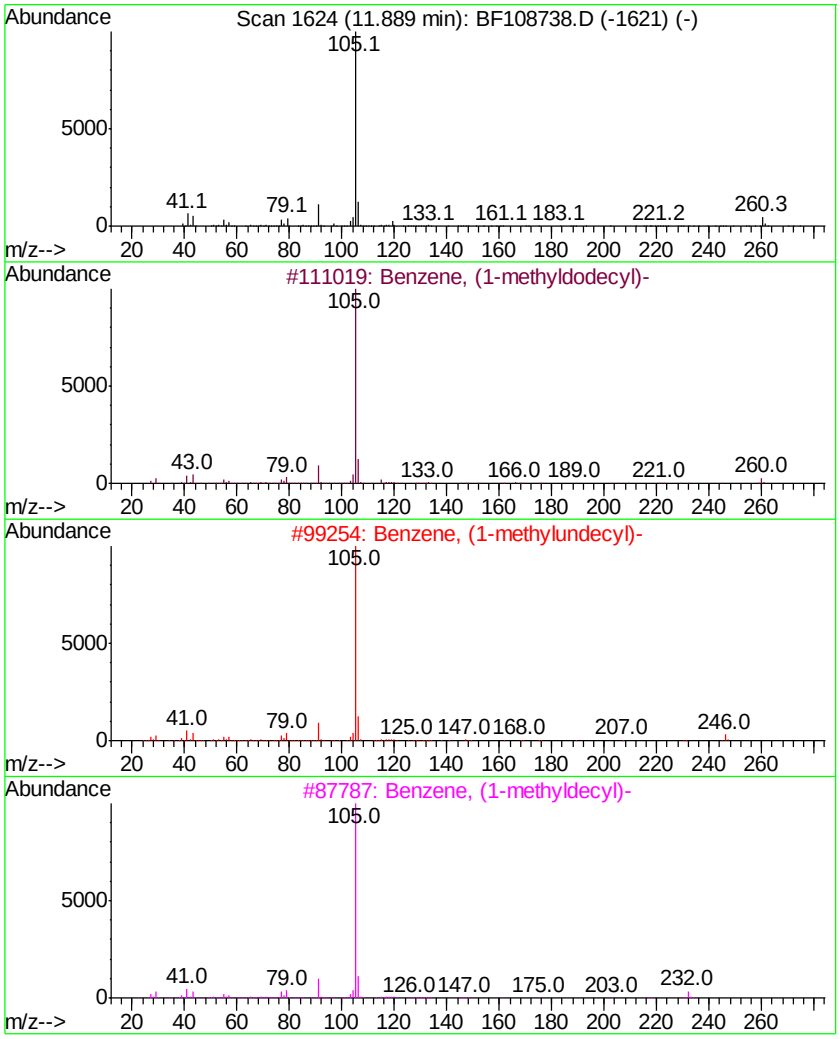
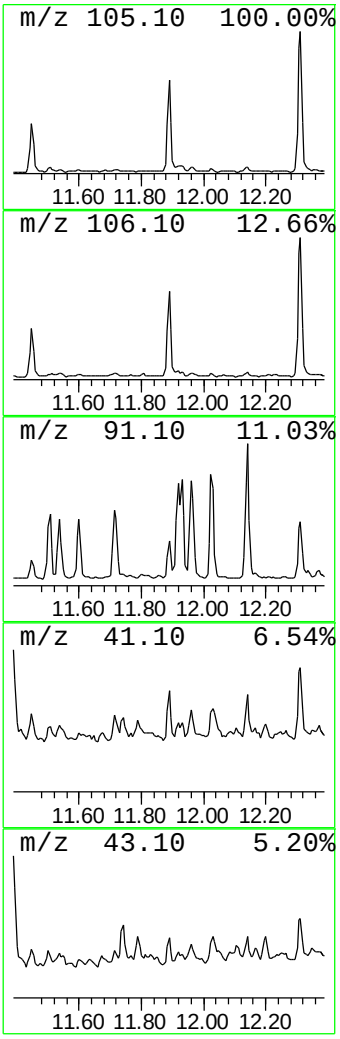
Peak Number 16 Benzene, (1-methyldodecyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	22.62 ng	569370	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	93
2	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	76
3	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	59
4	Benzene, (1-methylnonadecyl)-	358	C26H46	002398-66-5	53
5	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	47





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ClientSampleId : KG-SLUDGE-2

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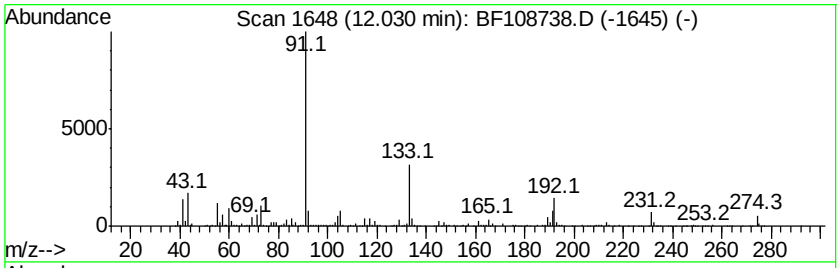
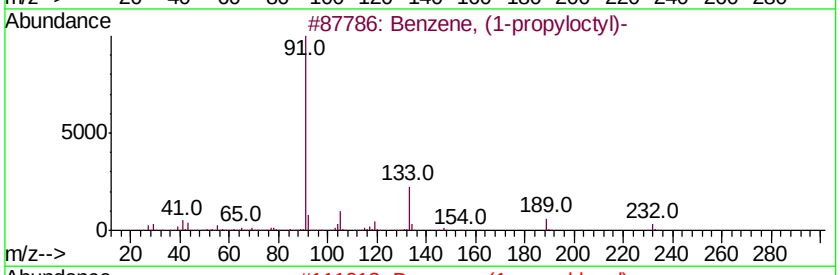
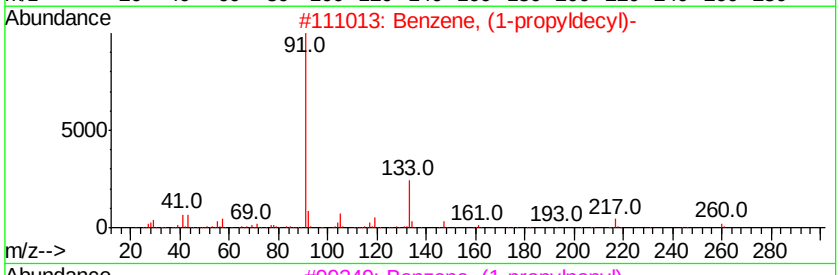
Peak Number 17 unknown12.03 Concentration Rank 20

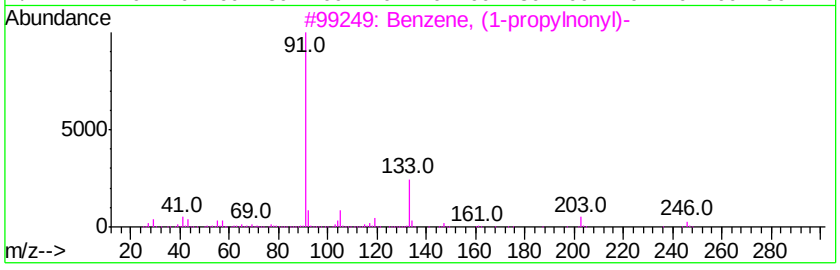
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	19.35 ng	487236	Phenanthrene-d10	11.53

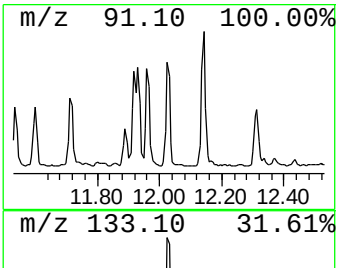
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	41
2	Benzene, (1-propyldecyl)-	260	C19H32	004534-51-4	35
3	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	25
4	Benzene, (1-propylheptyl)-	218	C16H26	004537-12-6	14
5	Benzene, (1-hexyloctyl)-	274	C20H34	004534-54-7	11

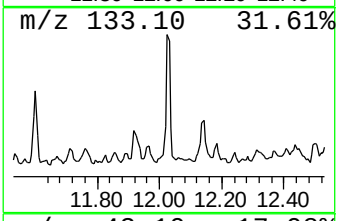


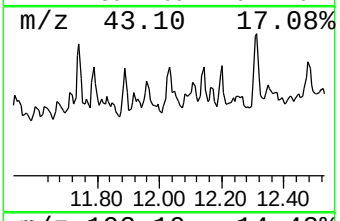


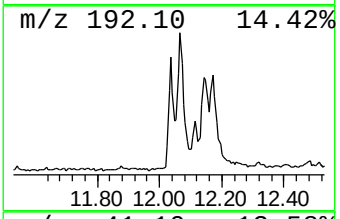


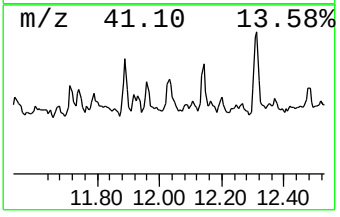












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108738.D
Acq On : 4 Sep 2018 14:07
Operator : JU/SJ
Sample : J4726-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SLUDGE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.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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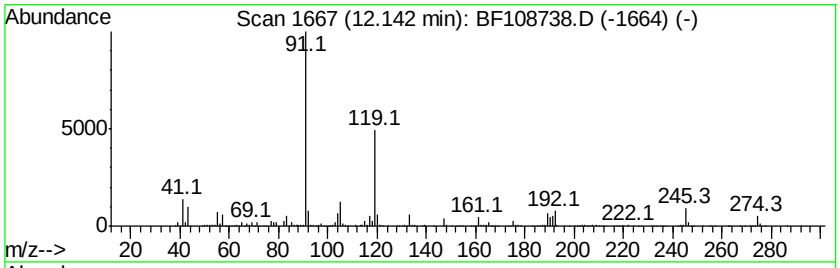
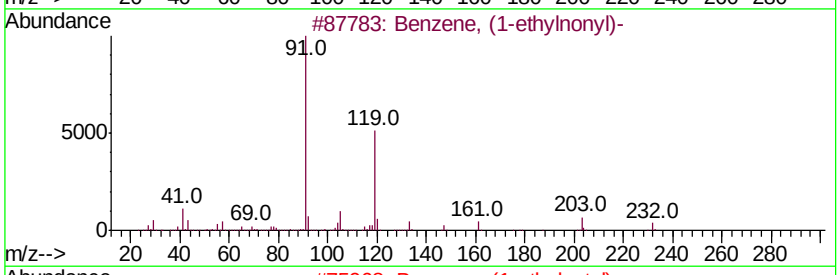
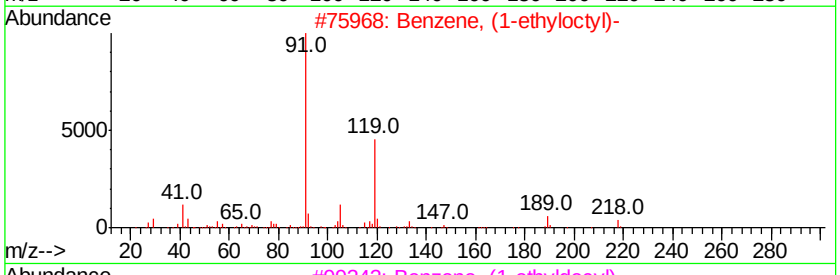
Peak Number 18 Benzene, (1-ethylnonyl)- Concentration Rank 13

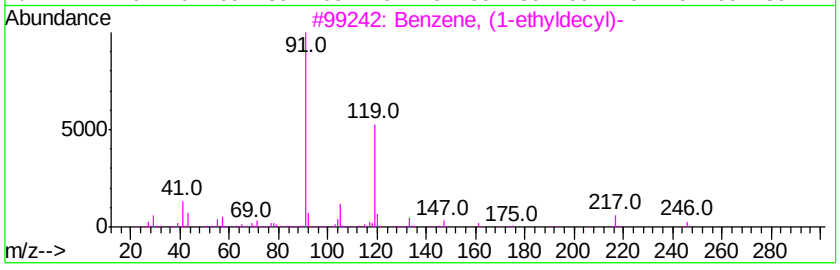
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	21.88 ng	550898	Phenanthrene-d10	11.53

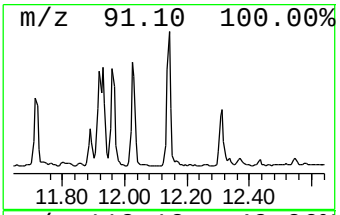
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	60
2	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	52
3	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	49
4	Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	47
5	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	47

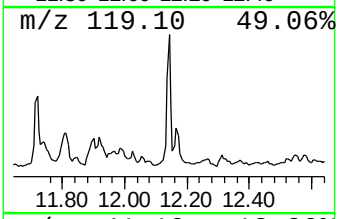


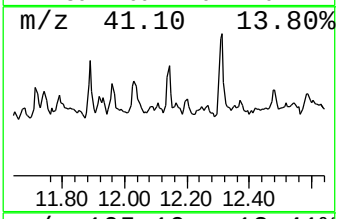


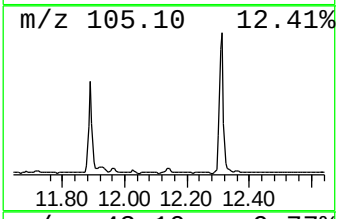


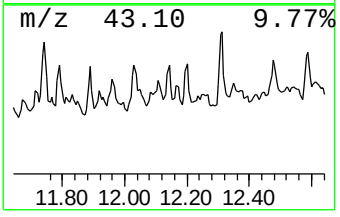












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108738.D
Acq On : 4 Sep 2018 14:07
Operator : JU/SJ
Sample : J4726-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SLUDGE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

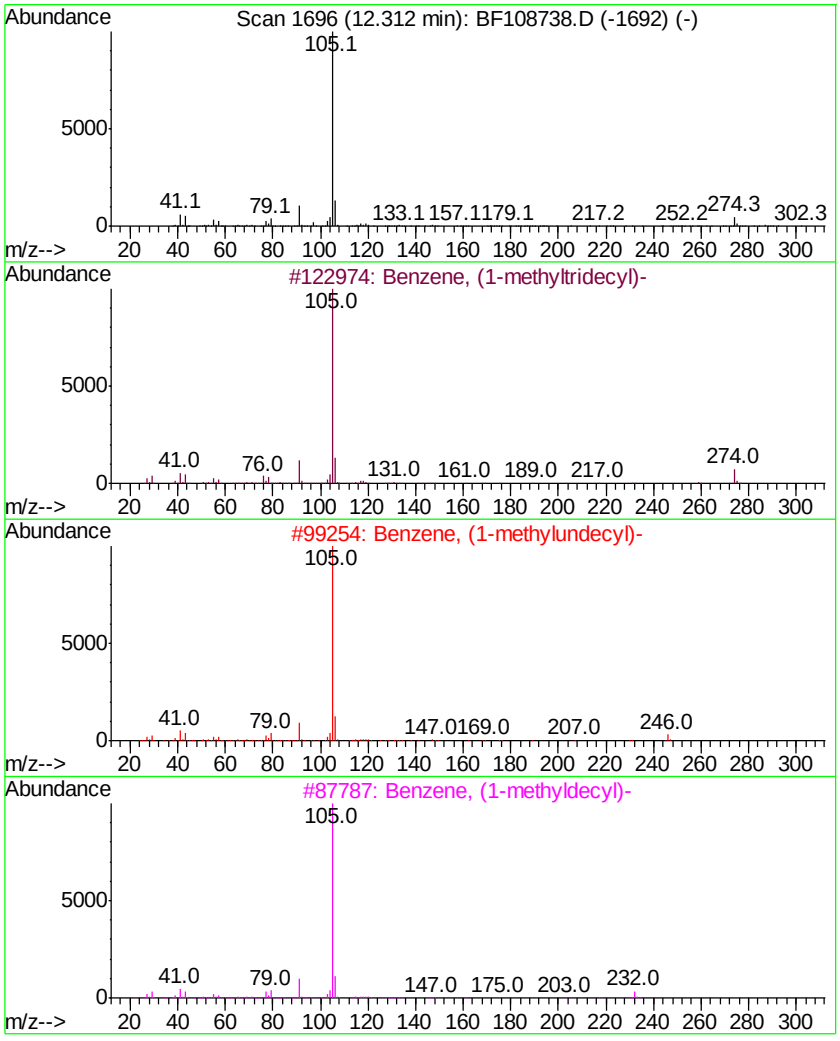
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

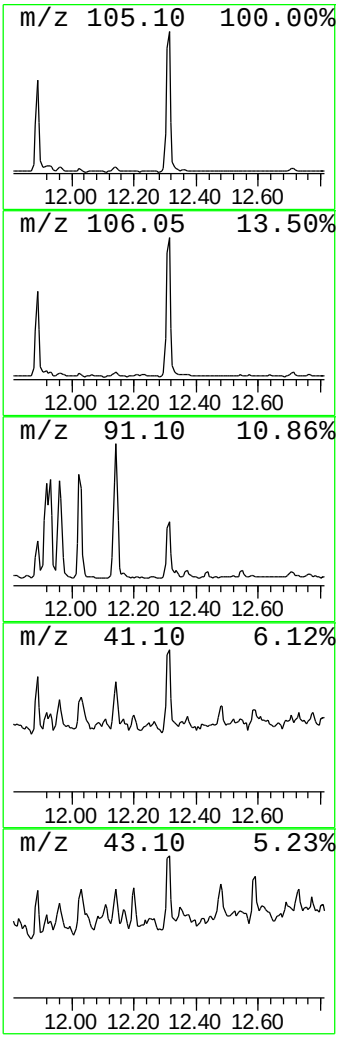
****

Peak Number 19 Benzene, (1-methyltridecyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	47.16 ng	1187220	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	90
2	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	72
3	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	64
4	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	64
5	Benzene, (1-methylheptyl)-	190	C14H22	000777-22-0	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108738.D
Acq On : 4 Sep 2018 14:07
Operator : JU/SJ
Sample : J4726-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SLUDGE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.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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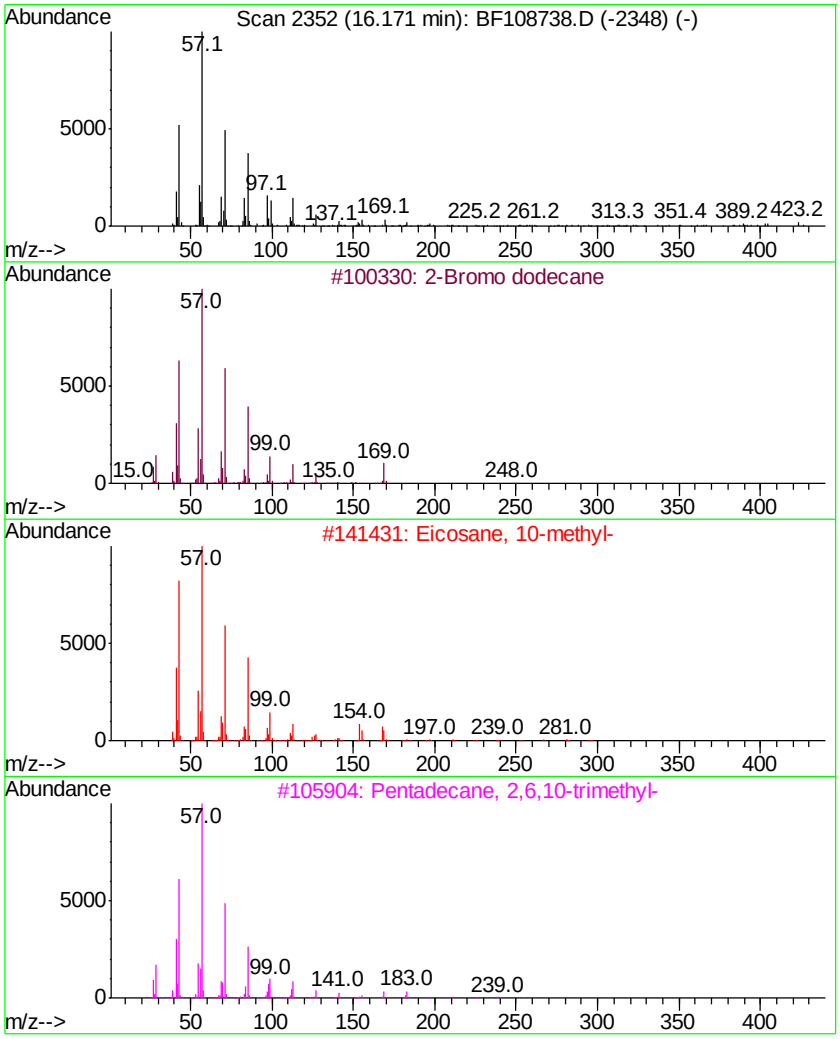
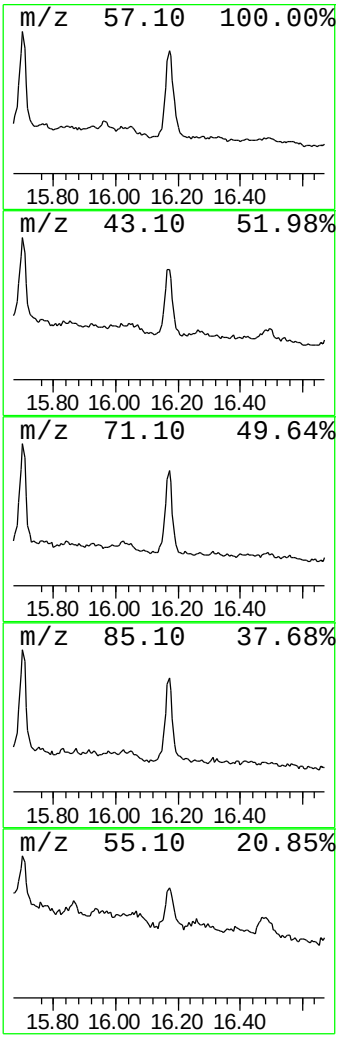
Peak Number 20 2-Bromo dodecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	20.00 ng	536583	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
4	Hentriacontane	437	C31H64	000630-04-6	83
5	Hexacosane	366	C26H54	000630-01-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090418\
Data File : BF108738.D
Acq On : 4 Sep 2018 14:07
Operator : JU/SJ
Sample : J4726-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SLUDGE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.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
unknown6.76	6.76	48.4	ng	978875	1	7.00	404679	20.0
p-Cymene	7.05	21.1	ng	427737	1	7.00	404679	20.0
Cyclohexane, 1-me...	7.09	29.4	ng	593765	1	7.00	404679	20.0
unknown8.55	8.55	19.5	ng	410742	2	8.27	421981	20.0
Naphthalene, 1,2,...	9.09	23.9	ng	505398	2	8.27	421981	20.0
unknown9.21	9.21	20.2	ng	277906	3	10.04	274773	20.0
Dodecane, 2,6,10-...	9.27	21.3	ng	293231	3	10.04	274773	20.0
unknown9.41	9.41	38.1	ng	523025	3	10.04	274773	20.0
unknown9.94	9.94	32.8	ng	449995	3	10.04	274773	20.0
Naphthalene, 2,3,...	10.34	28.5	ng	391696	3	10.04	274773	20.0
Tridecane	10.44	20.9	ng	286676	3	10.04	274773	20.0
Pentadecane, 2,6,...	10.66	43.2	ng	592952	3	10.04	274773	20.0
Pentadecane, 2,6,...	10.92	57.2	ng	1440850	4	11.53	503487	20.0
Bacchotricuneatin c	11.39	28.2	ng	710133	4	11.53	503487	20.0
Benzene, (1-methy...	11.89	22.6	ng	569370	4	11.53	503487	20.0
unknown12.03	12.03	19.4	ng	487236	4	11.53	503487	20.0
Benzene, (1-ethyl...	12.14	21.9	ng	550898	4	11.53	503487	20.0
Benzene, (1-methy...	12.31	47.2	ng	1187220	4	11.53	503487	20.0
2-Bromo dodecane	16.17	20.0	ng	536583	6	15.75	536583	20.0