LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108406.D
Acq On : 23 Aug 2018 3:32
Operator : JU/SJ
Sample : J4586-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-275-UST-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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	6.524	709	712	719	rBV4	1414489	2455801	15.82%	0.810%
2	6.601	723	725	731	rVB2	1396302	1427966	9.20%	0.471%
3	6.683	735	739	744	rBV3	900994	1431219	9.22%	0.472%
4	6.824	760	763	767	rBV2	2289692	2322434	14.96%	0.766%
5	7.001	790	793	796	rVB	2986426	2464580	15.87%	0.813%
6	7.060	799	803	805	rVB2	1246031	1119786	7.21%	0.369%
7	7.142	814	817	821	rBV3	1528570	1941445	12.50%	0.641%
8	7.271	836	839	841	rVB2	2613896	2383874	15.35%	0.786%
9	7.319	844	847	853	rVB2	2952110	3590856	23.13%	1.185%
10	7.377	853	857	858	rBV	1493454	1497122	9.64%	0.494%
11	7.395	858	860	863	rVB2	1566569	1489643	9.59%	0.491%
12	7.466	869	872	874	rBV	1214088	1368285	8.81%	0.451%
13	7.489	874	876	878	rVB	1570442	1195795	7.70%	0.395%
14	7.536	878	884	887	rBV2	3790782	4771688	30.73%	1.574%
15	7.571	887	890	891	rBV2	2171979	1969510	12.68%	0.650%
16	7.589	891	893	897	rVB	2687202	2547553	16.41%	0.840%
17	7.648	897	903	906	rBV4	2775928	4485570	28.89%	1.480%
18	7.689	906	910	916	rBV4	1725209	3533097	22.76%	1.166%
19	7.771	921	924	926	rBV	2530971	1946580	12.54%	0.642%
20	7.801	926	929	930	rBV2	2199181	1954323	12.59%	0.645%
21	7.883	938	943	944	rBV2	1457691	2059624	13.27%	0.679%
22	7.901	944	946	948	rVV2	2644450	2391193	15.40%	0.789%
23	7.930	948	951	954	rVV2	3473181	4218904	27.17%	1.392%
24	7.960	954	956	959	rVV3	1659169	1609524	10.37%	0.531%
25	8.001	959	963	964	rVV3	1413919	1961033	12.63%	0.647%
26	8.024	964	967	970	rVV3	4330000	4634835	29.85%	1.529%
27	8.048	970	971	973	rVV	1950970	1487088	9.58%	0.491%
28	8.101	976	980	983	rVV3	2170463	2505341	16.14%	0.827%
29	8.154	987	989	992	rVB2	2343082	2004944	12.91%	0.661%
30	8.236	998	1003	1004	rVV3	1816237	2185236	14.07%	0.721%
31	8.260	1004	1007	1009	rVV	3739553	4532691	29.19%	1.495%
32	8.295	1012	1013	1014	rVV	2401098	1606648	10.35%	0.530%
33	8.336	1018	1020	1023	rVB2	5901099	5732628	36.92%	1.891%
34	8.371	1023	1026	1032	rBV4	2452049	3199382	20.61%	1.056%

LSC Area Percent Report

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Acq On : 23 Aug 2018 3:32
Operator : JU/SJ
Sample : J4586-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-275-UST-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.436	1032	1037	1039	rBV5	1204660	1925864	12.40%	0.635%
36	8.489	1044	1046	1051	rVB2	3048791	2724347	17.55%	0.899%
37	8.536	1051	1054	1057	rBV3	1991450	2099545	13.52%	0.693%
38	8.577	1057	1061	1065	rVB4	4015219	5398625	34.77%	1.781%
39	8.624	1065	1069	1070	rBV3	1126481	1393709	8.98%	0.460%
40	8.677	1076	1078	1080	rVV	2271915	1670020	10.76%	0.551%
41	8.707	1080	1083	1085	rVV	4953603	4095144	26.38%	1.351%
42	8.730	1085	1087	1090	rVB2	1431109	1205261	7.76%	0.398%
43	8.760	1090	1092	1095	rVB2	1717765	1517563	9.77%	0.501%
44	8.801	1095	1099	1103	rBV3	5098957	5599826	36.07%	1.847%
45	8.877	1109	1112	1116	rVV3	4944117	4654177	29.98%	1.535%
46	8.924	1118	1120	1122	rVV3	1180138	1179517	7.60%	0.389%
47	8.960	1124	1126	1129	rVB2	2578483	2454756	15.81%	0.810%
48	9.071	1142	1145	1146	rBV2	1211461	1251413	8.06%	0.413%
49	9.118	1150	1153	1156	rVV2	3942576	4551124	29.31%	1.501%
50	9.154	1157	1159	1161	rVV2	2109596	1577652	10.16%	0.520%
51	9.201	1164	1167	1170	rVB3	2360142	2637100	16.98%	0.870%
52	9.236	1170	1173	1176	rBV3	3069529	3234571	20.83%	1.067%
53	9.307	1182	1185	1187	rBV2	4477257	4111895	26.48%	1.357%
54	9.454	1205	1210	1213	rBV	6584458	7739394	49.85%	2.553%
55	9.524	1220	1222	1225	rVB	2491978	2069949	13.33%	0.683%
56	9.654	1238	1244	1246	rBV2	4443718	7257911	46.74%	2.394%
57	9.724	1252	1256	1259	rBV	3213610	4253031	27.39%	1.403%
58	9.771	1259	1264	1271	rVB5	6402941	11296405	72.76%	3.727%
59	9.842	1271	1276	1278	rBV4	2255483	2931346	18.88%	0.967%
60	9.924	1287	1290	1292	rBV3	2042407	1746797	11.25%	0.576%
61	9.983	1296	1300	1303	rVB	6843715	7796034	50.21%	2.572%
62	10.012	1303	1305	1308	rBV3	1144073	1414420	9.11%	0.467%
63	10.042	1308	1310	1313	rBV4	1150272	1155315	7.44%	0.381%
64	10.083	1315	1317	1322	rBV3	836591	1252209	8.06%	0.413%
65	10.165	1327	1331	1335	rBV	2922492	4468082	28.78%	1.474%
66	10.207	1335	1338	1341	rBV3	1920197	2294380	14.78%	0.757%
67	10.265	1345	1348	1351	rVB	4044210	3890010	25.05%	1.283%
68	10.312	1351	1356	1358	rBV3	4103842	5728037	36.89%	1.890%
69	10.383	1364	1368	1370	rBV2	3679674	4335225	27.92%	1.430%
70	10.412	1370	1373	1376	rVV2	4042433	3965625	25.54%	1.308%
71	10.483	1379	1385	1391	rVV2	6982389	11617196	74.82%	3.833%

LSC Area Percent Report

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Sample : J4586-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : EP1-275-UST-SLUDGE

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.559	1396	1398	1400	rVB	1487997	1108820	7.14%	0.366%
73	10.607	1404	1406	1408	rBV	1433730	1202698	7.75%	0.397%
74	10.695	1417	1421	1424	rBV2	4875272	6614572	42.60%	2.182%
75	10.748	1428	1430	1433	rBV2	1401668	1570127	10.11%	0.518%
76	10.777	1433	1435	1439	rVB3	1975222	1644192	10.59%	0.542%
77	10.818	1439	1442	1446	rVB4	1720812	1932687	12.45%	0.638%
78	10.971	1461	1468	1475	rVB3	8042197	15526607	100.00%	5.122%
79	11.142	1494	1497	1498	rBV	1071663	1170425	7.54%	0.386%
80	11.201	1504	1507	1509	rBV2	2159510	1961015	12.63%	0.647%
81	11.230	1510	1512	1517	rVB4	1570504	1808485	11.65%	0.597%
82	11.271	1517	1519	1521	rBV2	1042750	1108206	7.14%	0.366%
83	11.401	1537	1541	1543	rBV	5094196	4951476	31.89%	1.634%
84	11.430	1543	1546	1549	rVV	4181988	3860003	24.86%	1.273%
85	11.559	1565	1568	1570	rBV2	1095928	1239407	7.98%	0.409%
86	11.583	1570	1572	1575	rVV	1456612	1526157	9.83%	0.504%
87	11.665	1583	1586	1589	rVV3	1844708	2048678	13.19%	0.676%
88	11.706	1591	1593	1597	rVV5	1424958	1697104	10.93%	0.560%
89	11.777	1602	1605	1609	rVV4	1385836	2159061	13.91%	0.712%
90	11.824	1609	1613	1616	rVB	5180157	5275888	33.98%	1.741%
91	11.977	1635	1639	1645	rBV5	720892	1703651	10.97%	0.562%
92	12.059	1649	1653	1655	rVV	1576889	1941255	12.50%	0.640%
93	12.089	1655	1658	1660	rVV2	1558157	1801430	11.60%	0.594%
94	12.136	1664	1666	1669	rVV3	1007416	1127752	7.26%	0.372%
95	12.165	1669	1671	1674	rVV2	1280506	1363157	8.78%	0.450%
96	12.230	1678	1682	1684	rVB	4214753	3524159	22.70%	1.163%
97	12.612	1743	1747	1750	rBV2	3966335	4076379	26.25%	1.345%
98	12.983	1807	1810	1812	rVV	2426747	2049302	13.20%	0.676%
99	13.336	1867	1870	1873	rVB	1446761	1281702	8.25%	0.423%
100	14.195	2011	2016	2019	rBV2	1075457	1315096	8.47%	0.434%

Sum of corrected areas: 303109164

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
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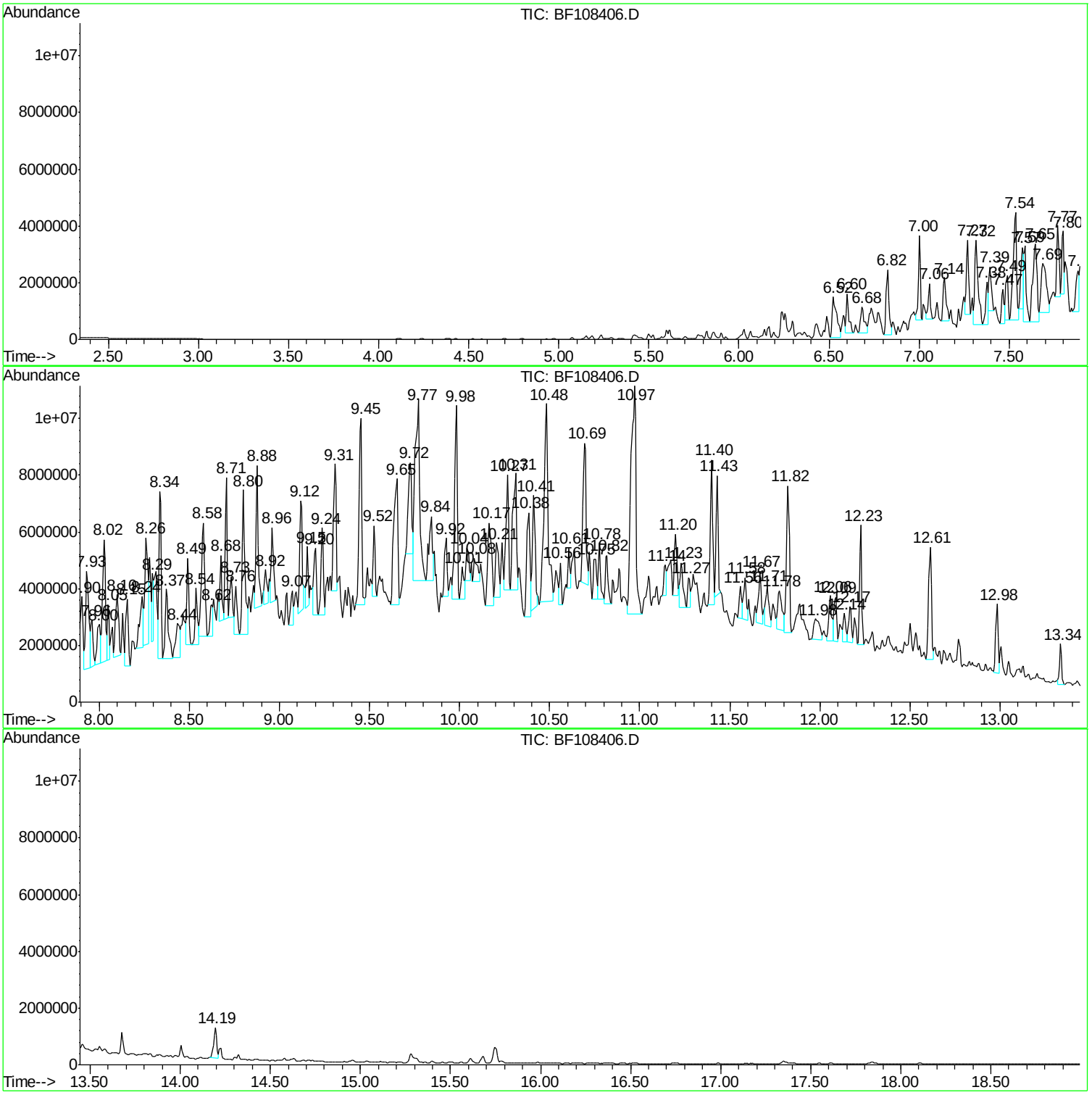
Acq On : 23 Aug 2018 3:32
Operator : JU/SJ
Sample : J4586-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-275-UST-SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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\BF082218\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

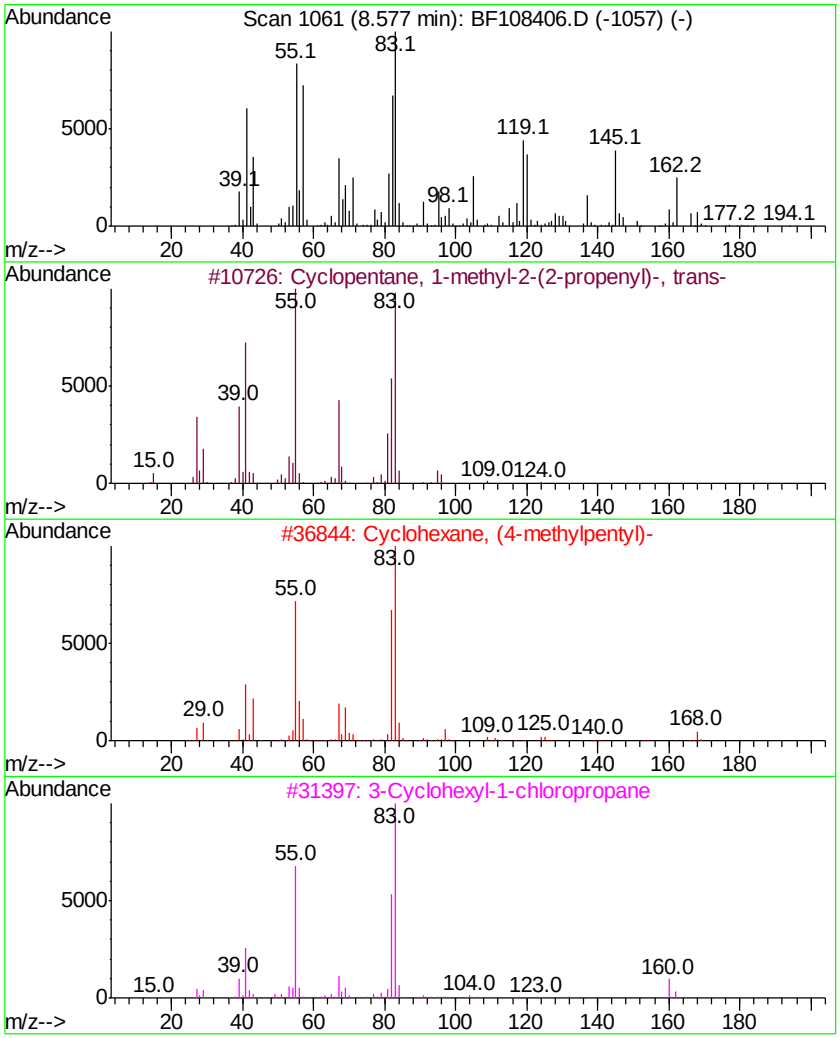
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

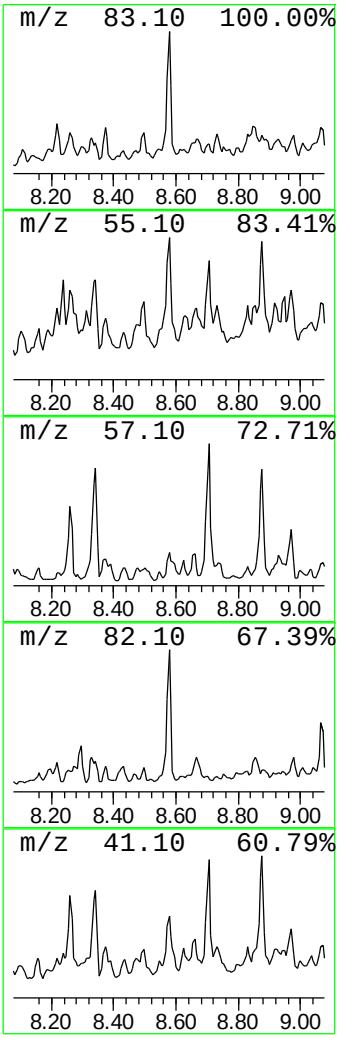
****

Peak Number 1 unknown8.58 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	67.20 ng	5398630	Naphthalene-d8	8.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	42
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	30
3	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	30
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	30
5	3,4-Dihydro-2H-pyran-2-carboxyli...	128	C6H8O3	1000132-10-4	27





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : EP1-275-UST-SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

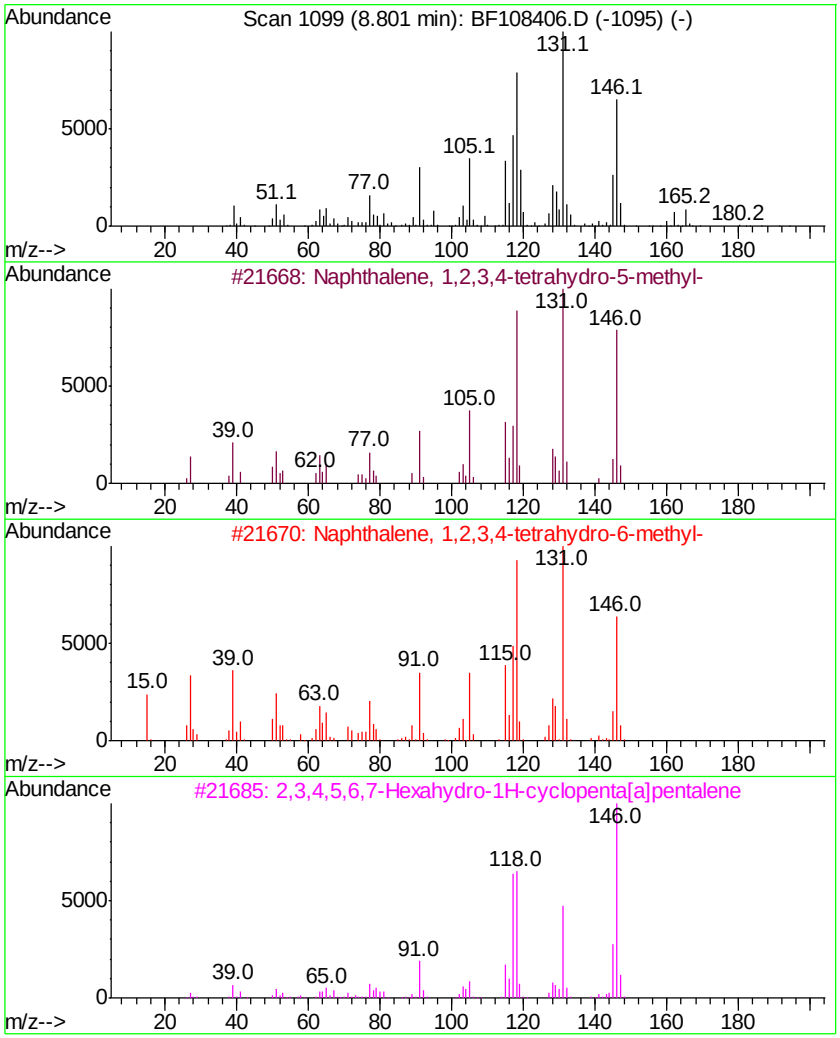
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

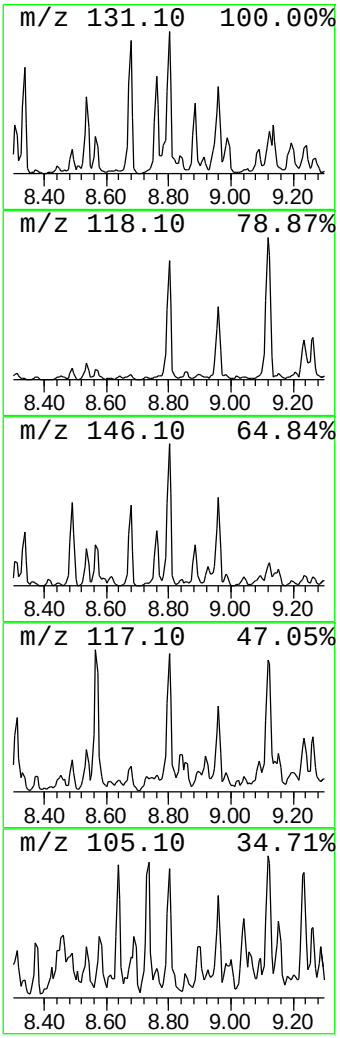
****

Peak Number 2 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	69.71 ng	5599830	Naphthalene-d8	8.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	68
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	53
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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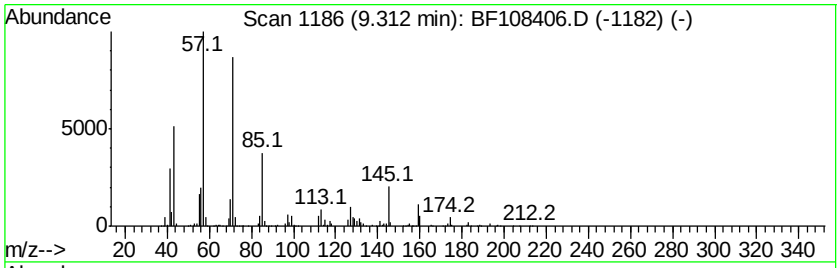
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

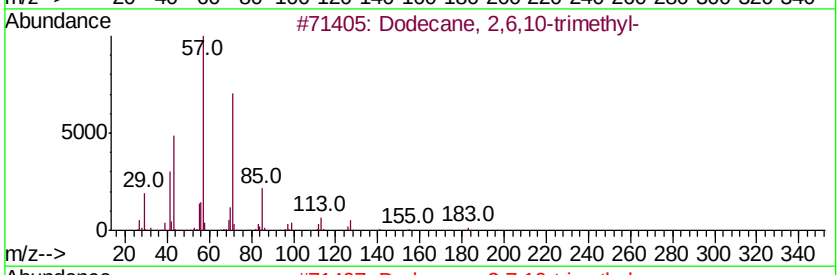
****

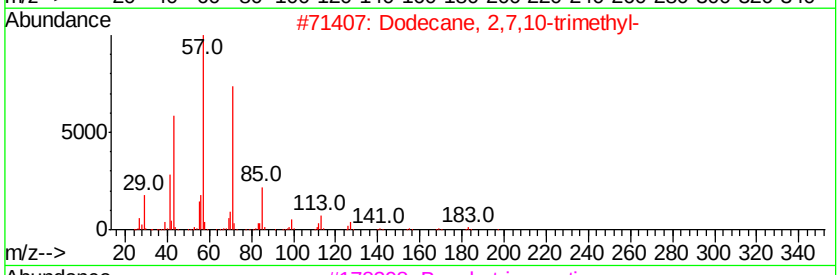
Peak Number 3 Dodecane, 2,6,10-trimethyl- Concentration Rank 17

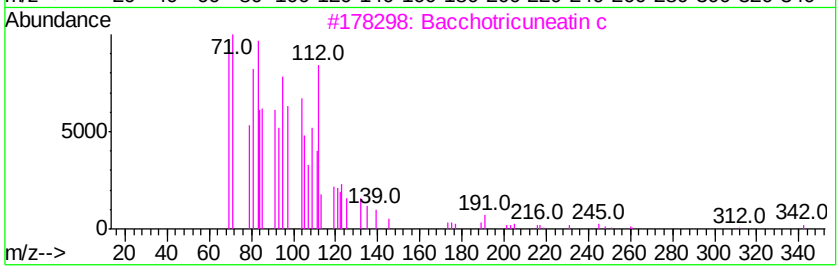
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	65.67 ng	4111900	Acenaphthene-d10	10.07

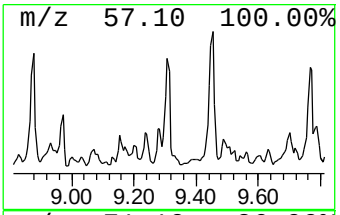
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	59

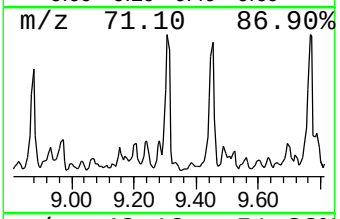


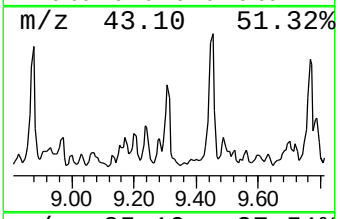


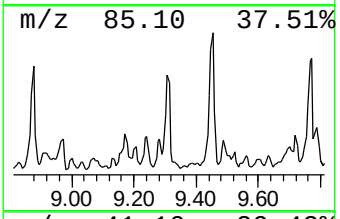


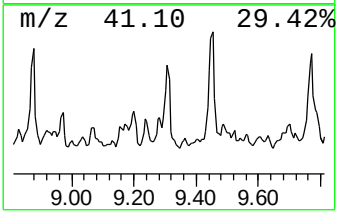












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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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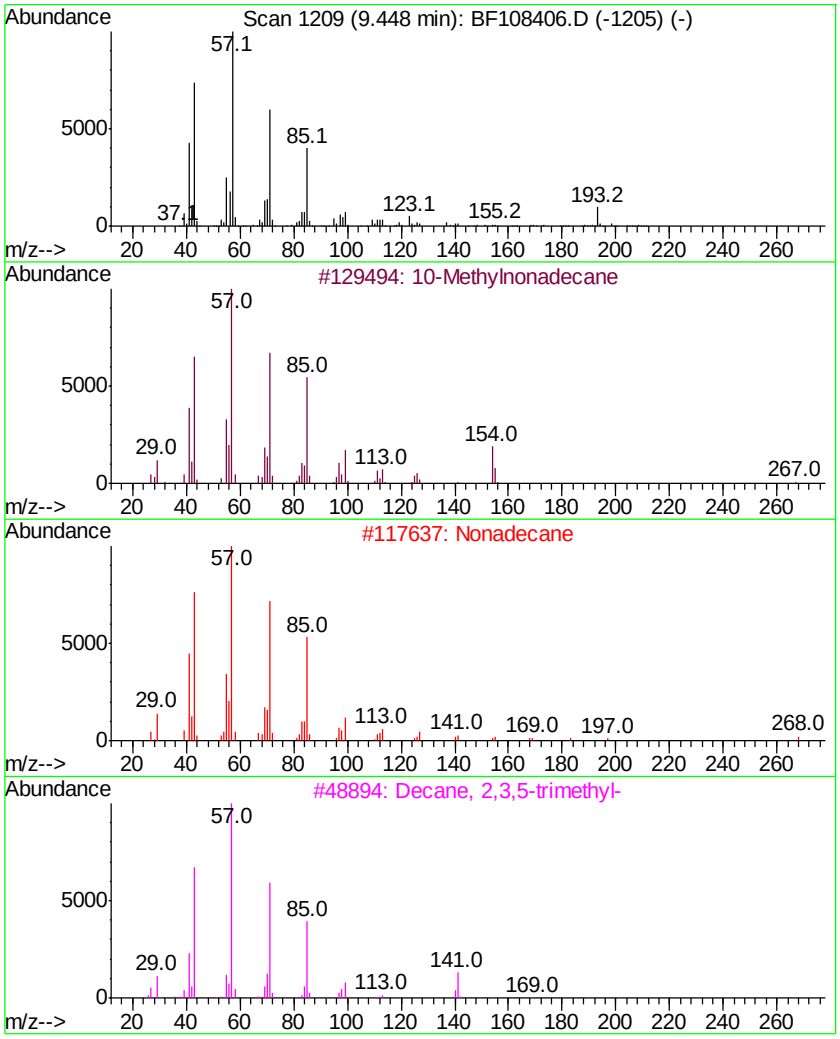
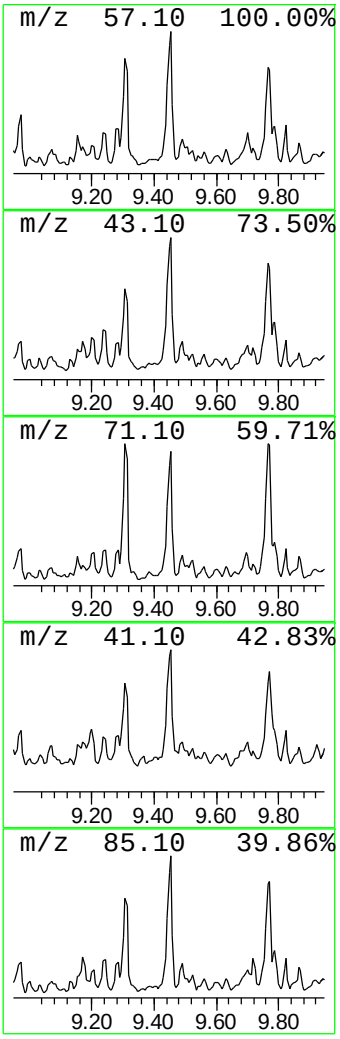
Peak Number 4 10-Methylnonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	123.61 ng	7739390	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	87
2	Nonadecane	268	C19H40	000629-92-5	87
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	9-methylheptadecane	254	C18H38	026741-18-4	78





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Acq On : 23 Aug 2018 3:32
Operator : JU/SJ
Sample : J4586-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-275-UST-SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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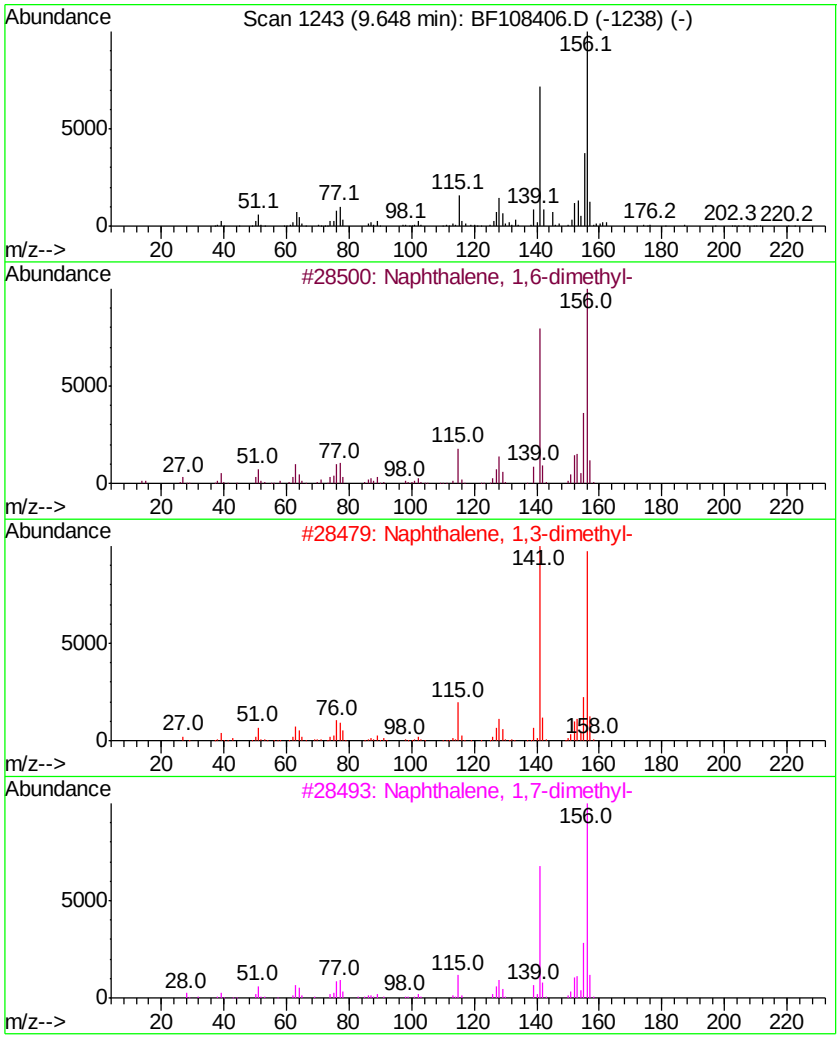
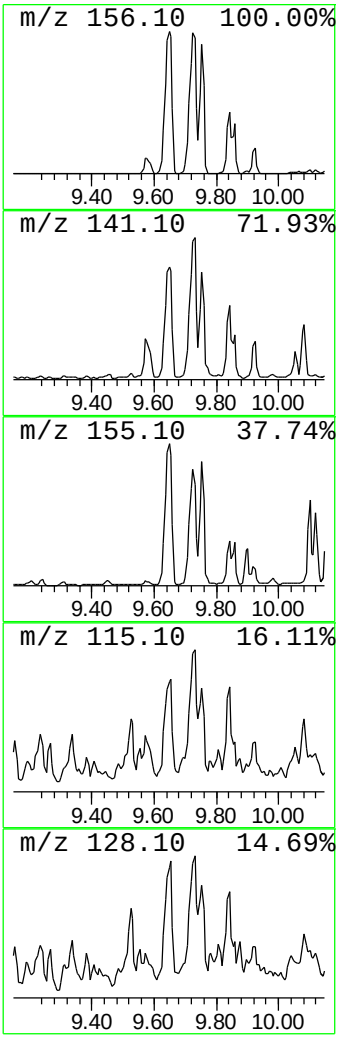
Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	115.92 ng	7257910	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Acq On : 23 Aug 2018 3:32
Operator : JU/SJ
Sample : J4586-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-275-UST-SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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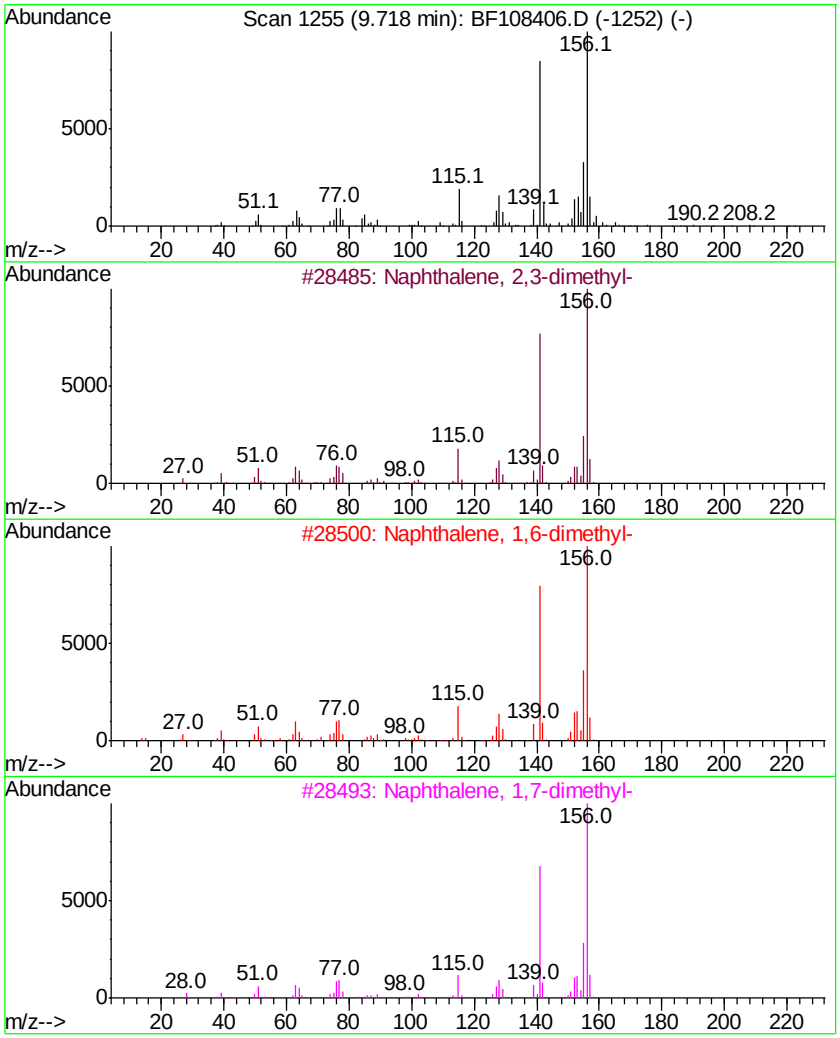
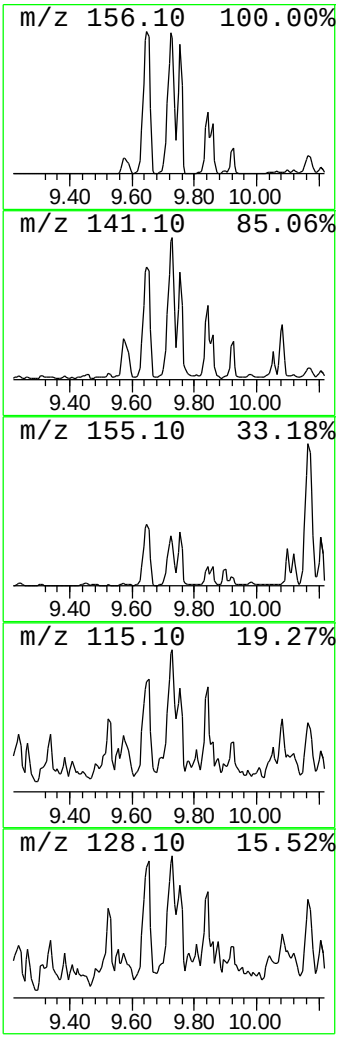
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	67.93 ng	4253030	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Operator : JU/SJ
Sample : J4586-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-275-UST-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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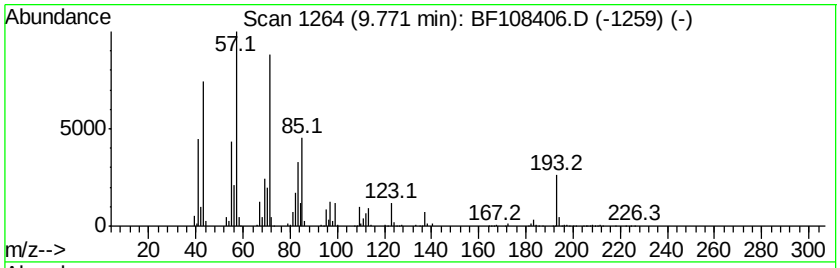
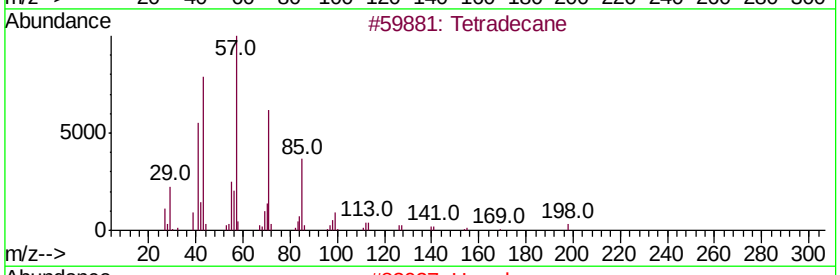
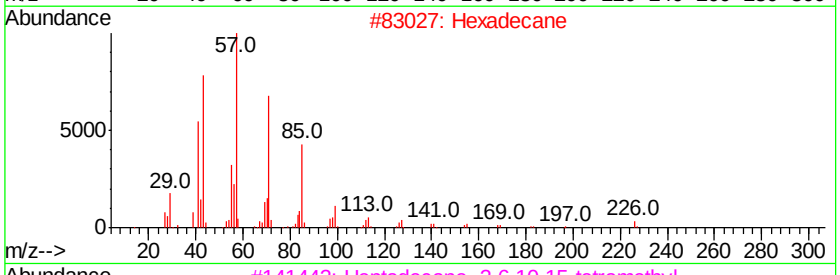
Peak Number 7 Tetradecane Concentration Rank 3

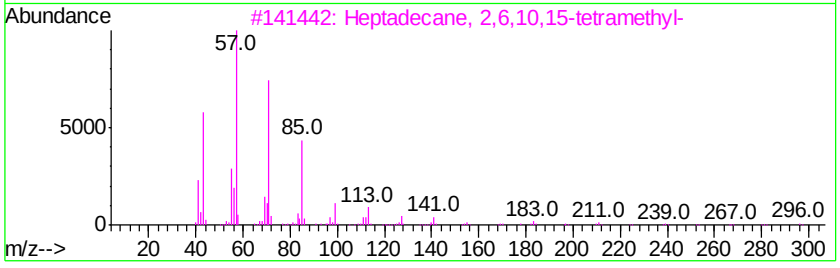
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	180.42 ng	11296400	Acenaphthene-d10	10.07

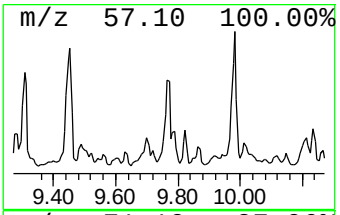
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Hexadecane	226	C16H34	000544-76-3	64
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
4	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	58
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	52

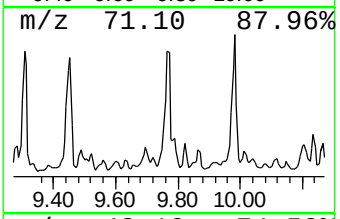


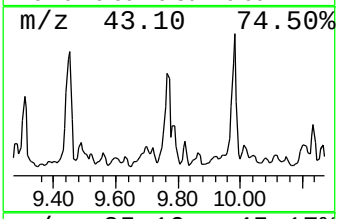


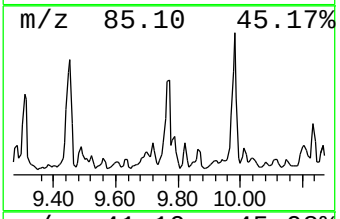


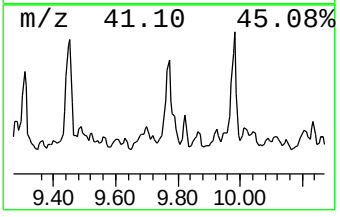












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Data File : BF108406.D
Acq On : 23 Aug 2018 3:32
Operator : JU/SJ
Sample : J4586-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-275-UST-SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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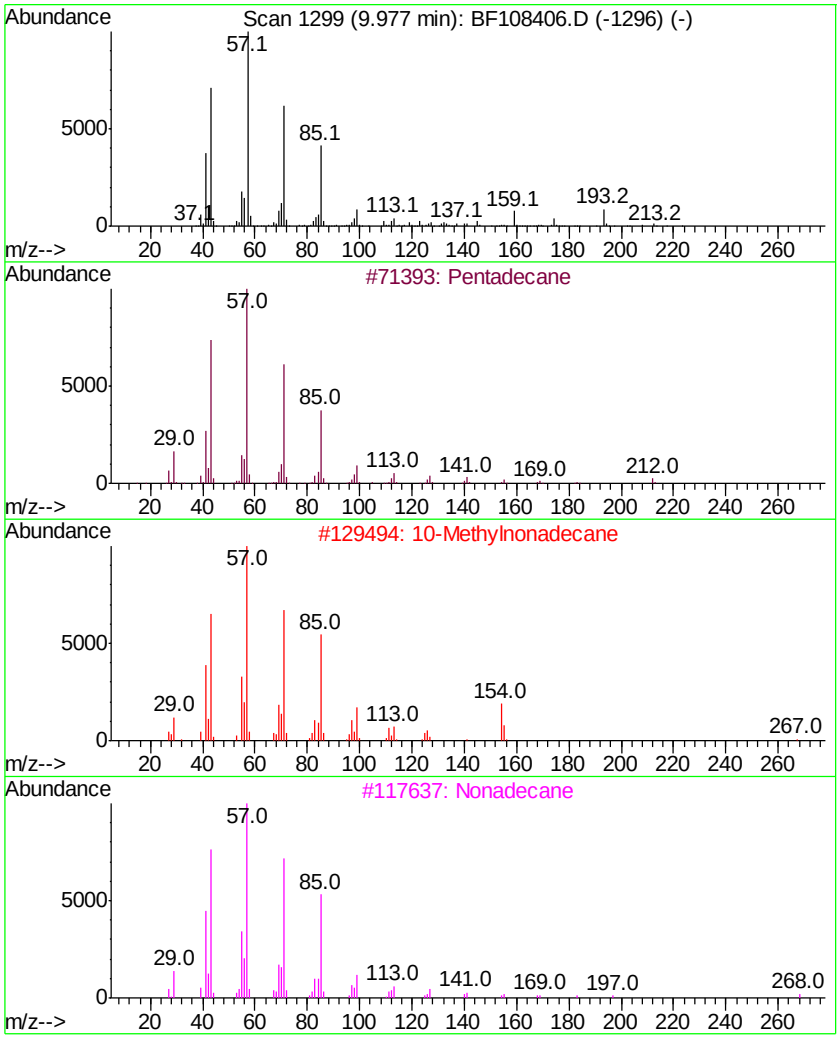
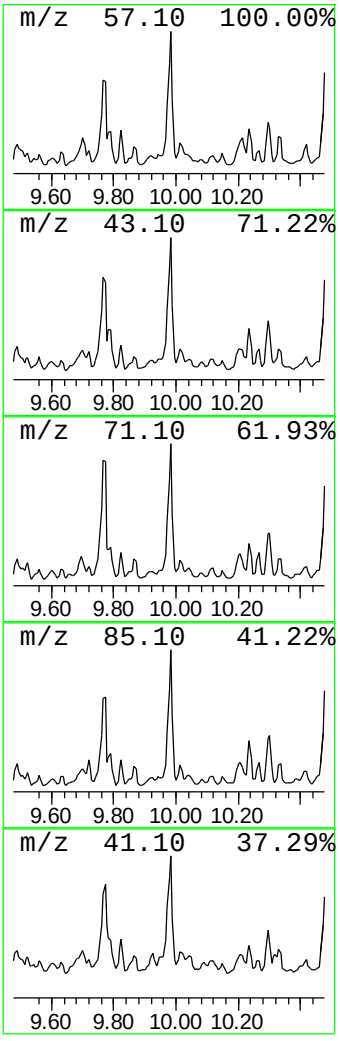
Peak Number 8 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	124.52 ng	7796030	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	83
2	10-Methylnonadecane	282	C20H42	056862-62-5	83
3	Nonadecane	268	C19H40	000629-92-5	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	78





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Sample : J4586-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-275-UST-SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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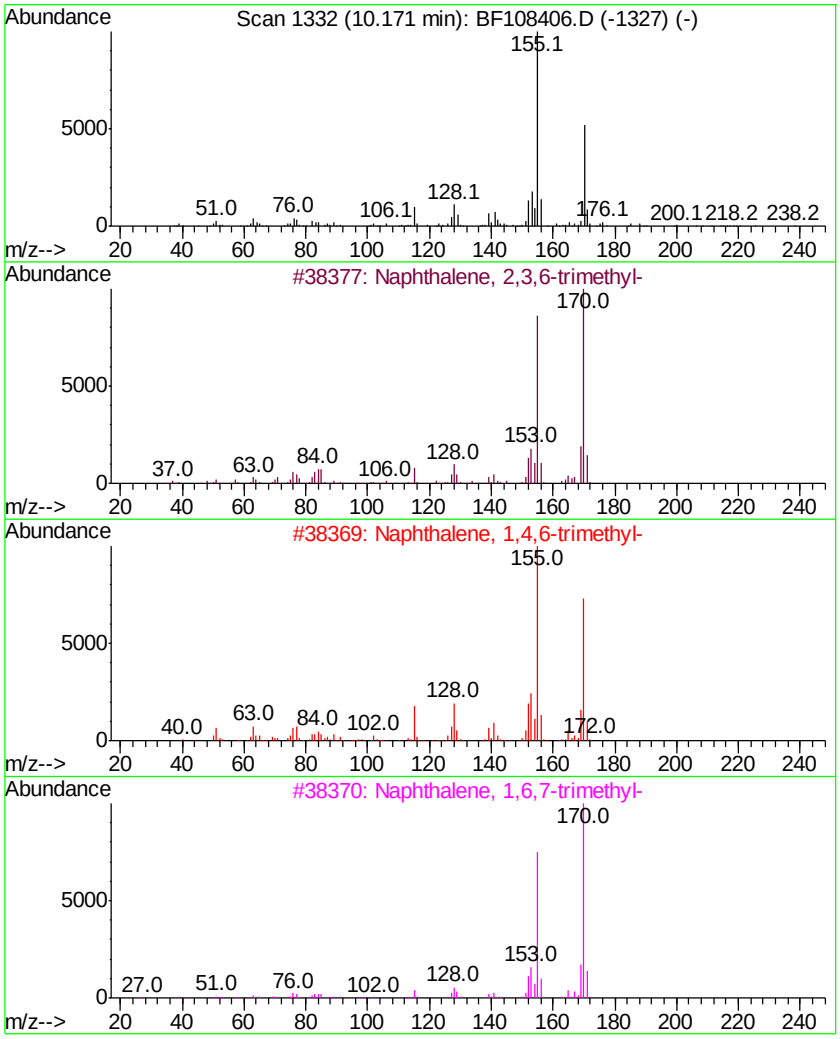
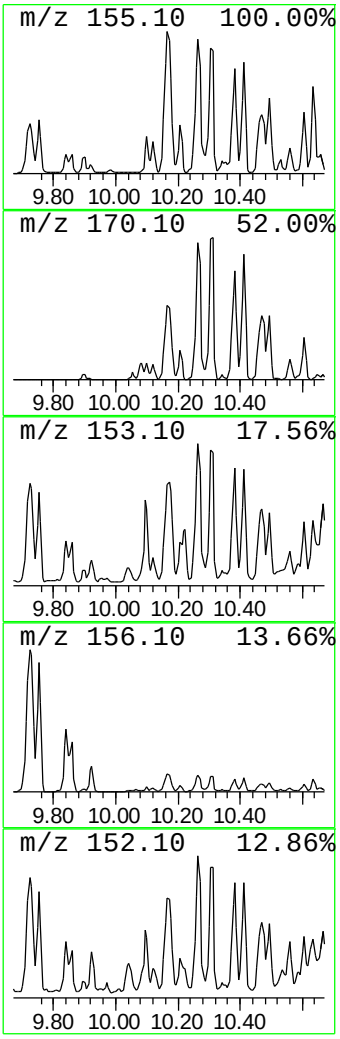
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	71.36 ng	4468080	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108406.D
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Operator : JU/SJ
Sample : J4586-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-275-UST-SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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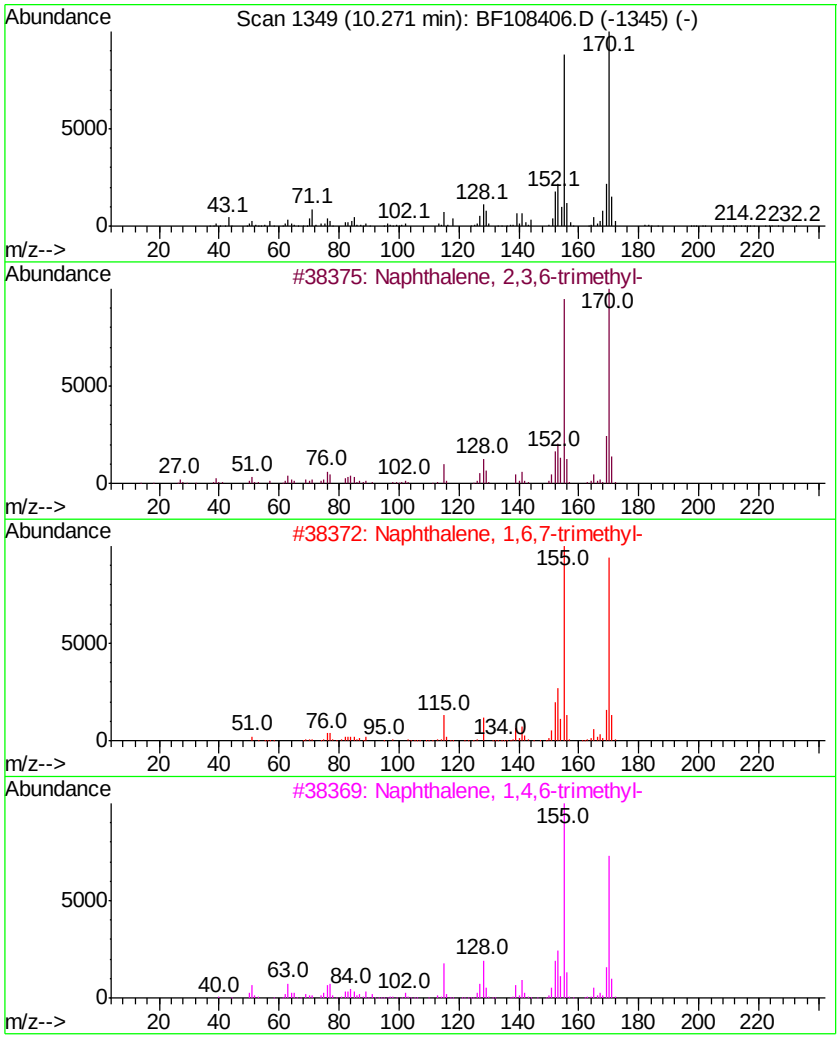
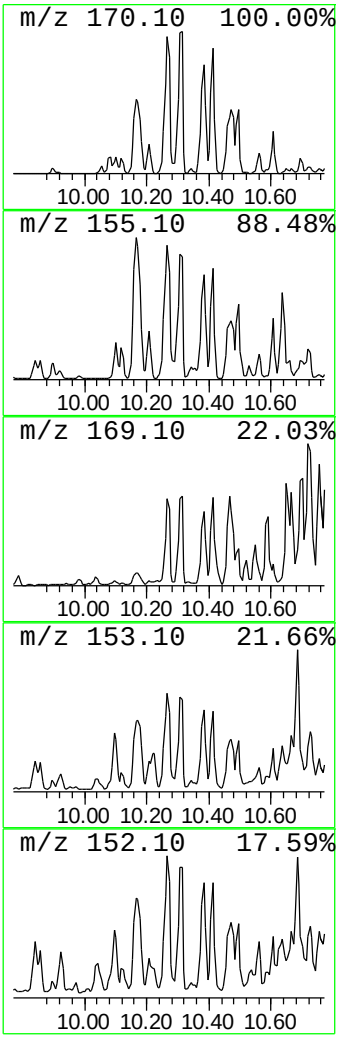
Peak Number 10 4,6,8-Trimethylazulene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	62.13 ng	3890010	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





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Sample : J4586-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-275-UST-SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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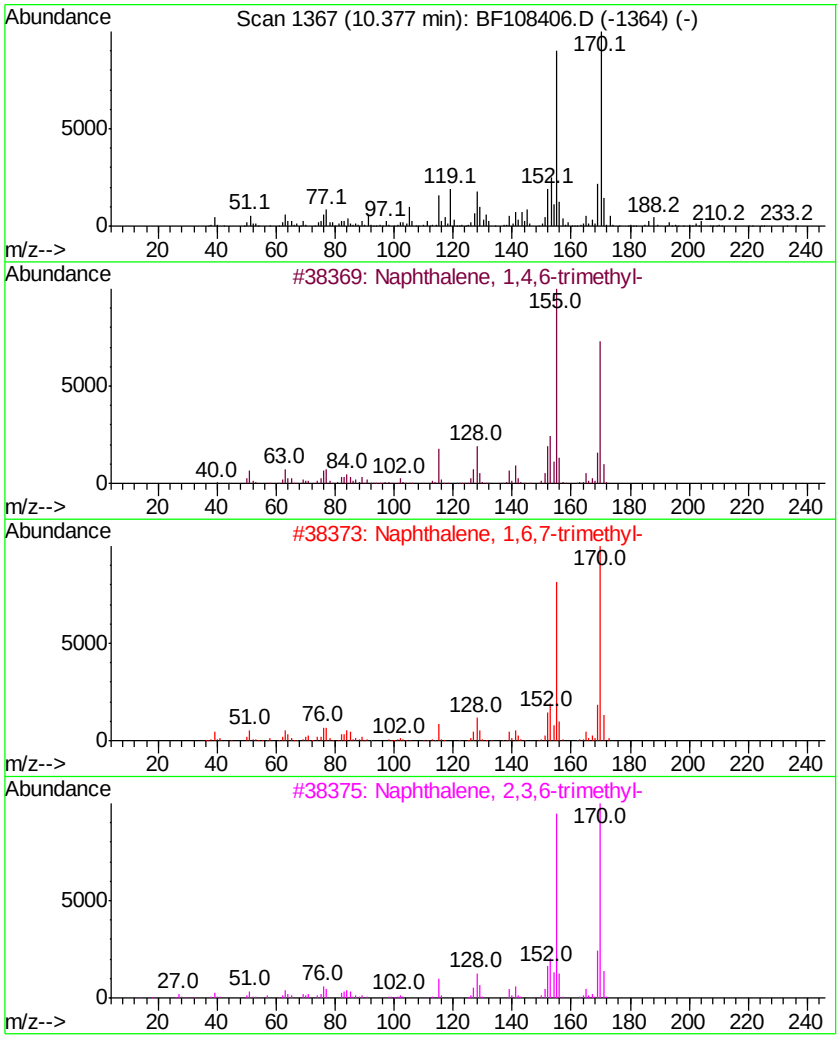
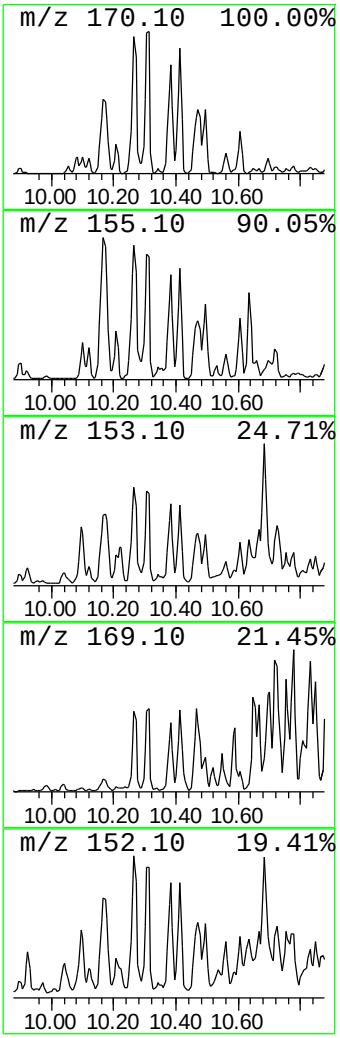
Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	69.24 ng	4335230	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	95
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90





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Operator : JU/SJ
Sample : J4586-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-275-UST-SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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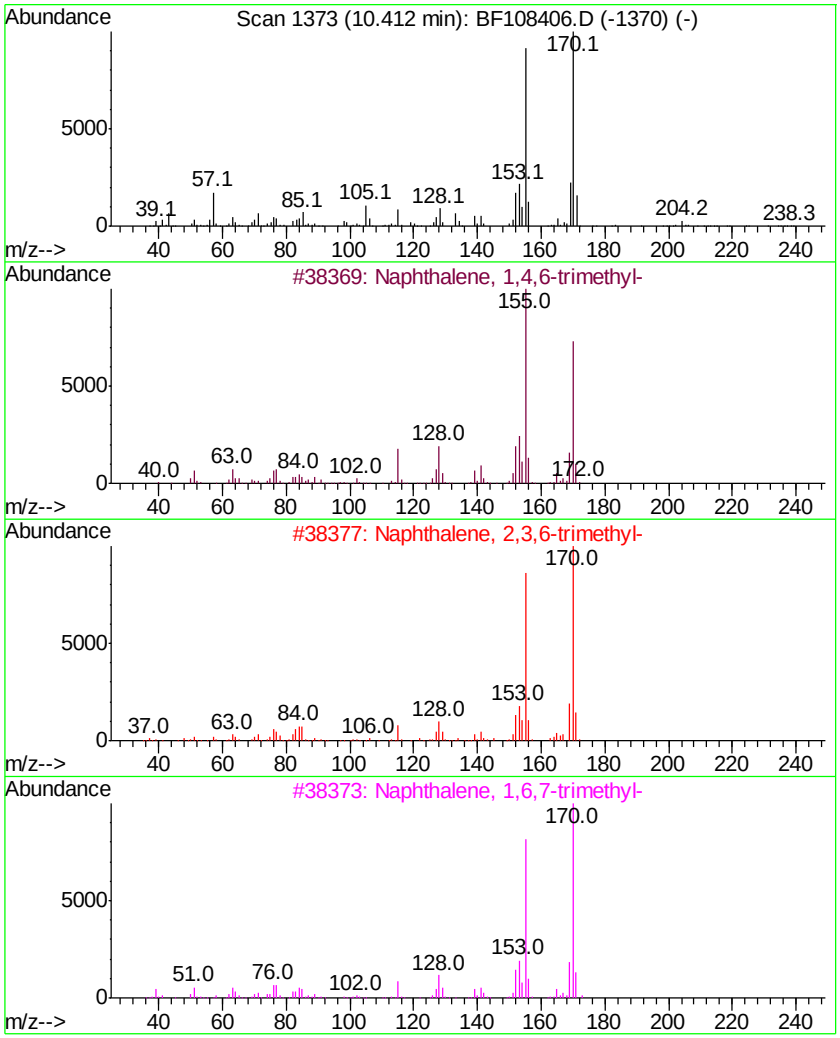
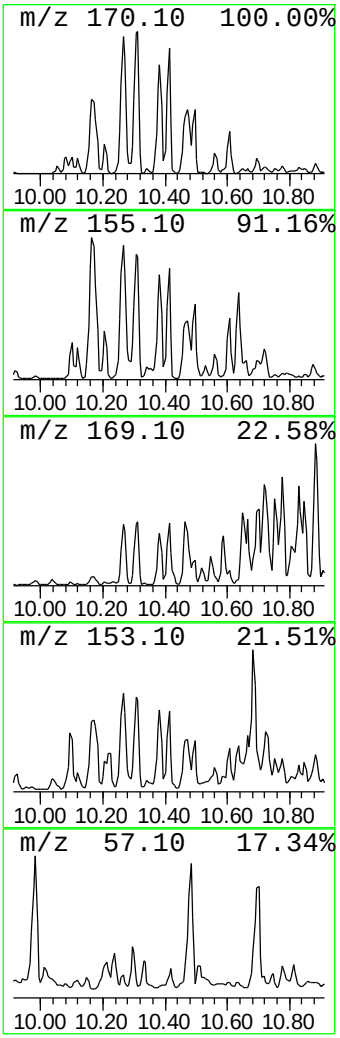
Peak Number 13 1-(2,2-Dimethylcyclopropyl)... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	63.34 ng	3965630	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90





Library Search Compound Report

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Operator : JU/SJ
Sample : J4586-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-275-UST-SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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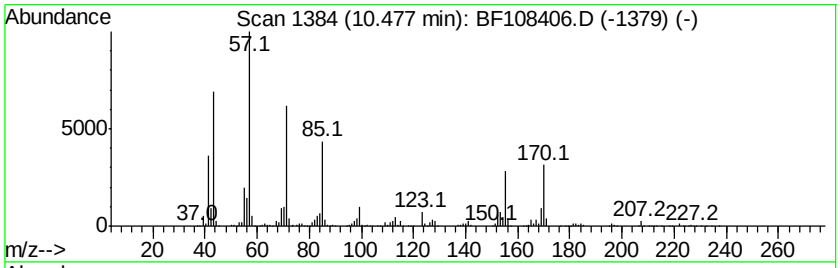
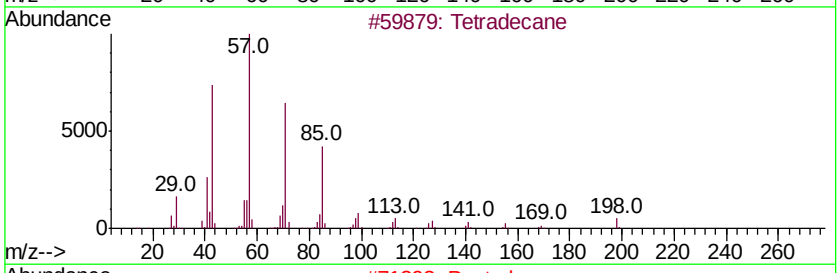
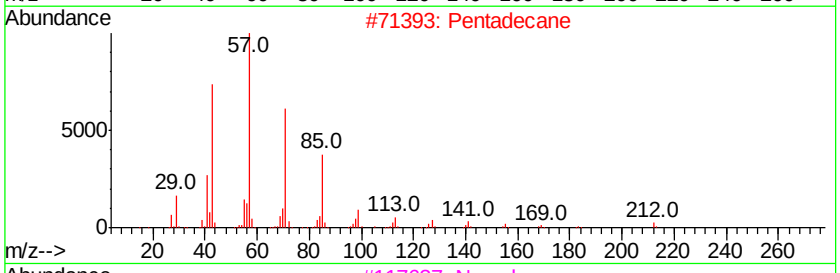
Peak Number 14 Hexadecane Concentration Rank 2

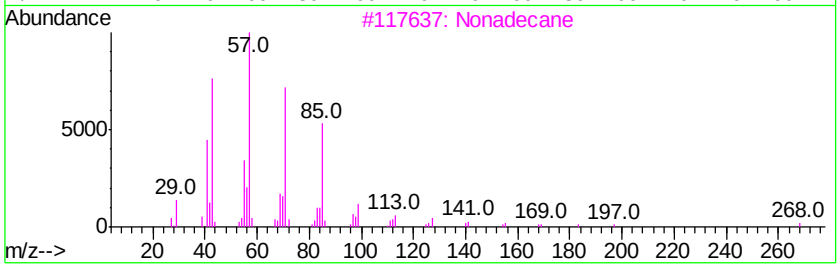
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	185.55 ng	11617200	Acenaphthene-d10	10.07

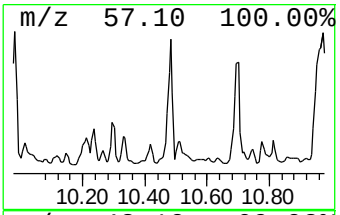
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	80
2	Pentadecane	212	C15H32	000629-62-9	80
3	Nonadecane	268	C19H40	000629-92-5	68
4	Dodecane	170	C12H26	000112-40-3	64
5	Hexadecane	226	C16H34	000544-76-3	64

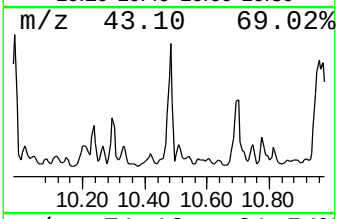


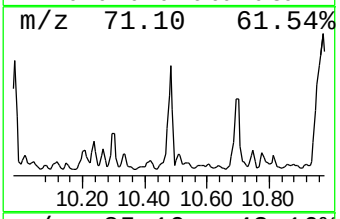


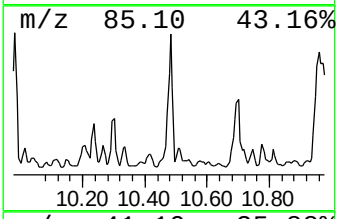


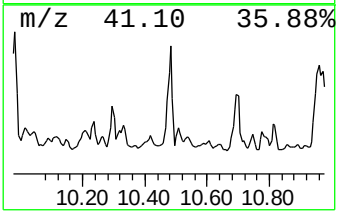












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108406.D
Acq On : 23 Aug 2018 3:32
Operator : JU/SJ
Sample : J4586-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-275-UST-SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

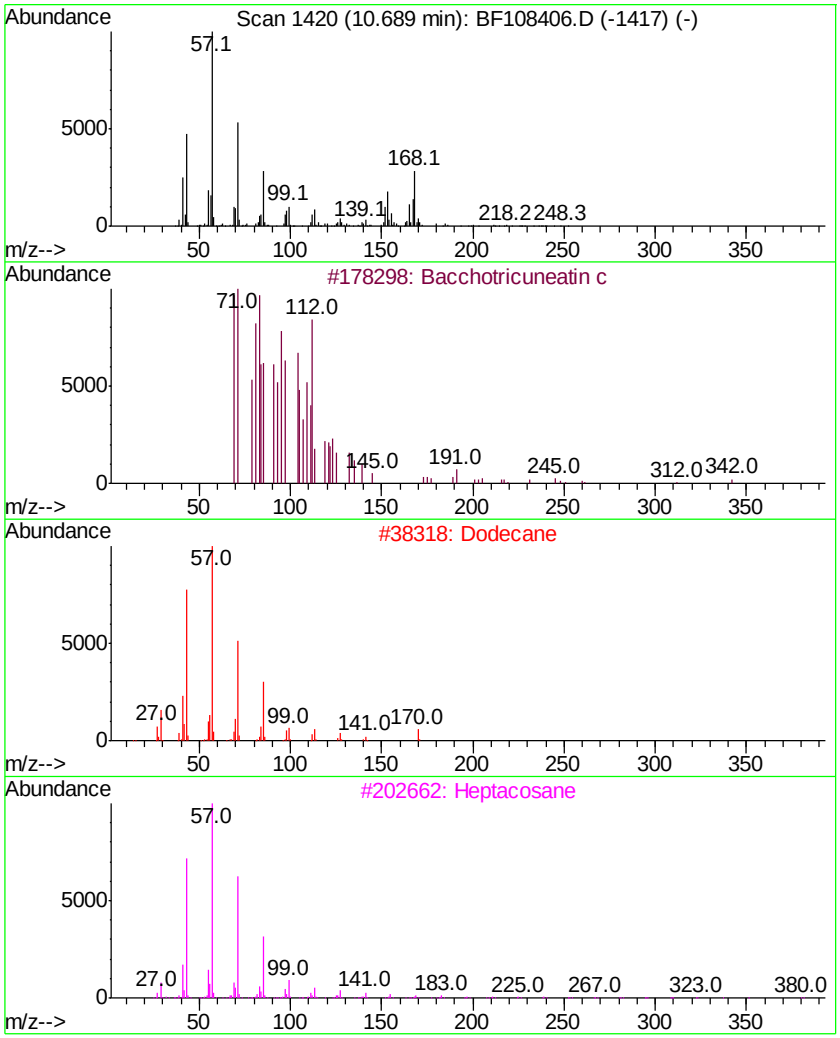
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

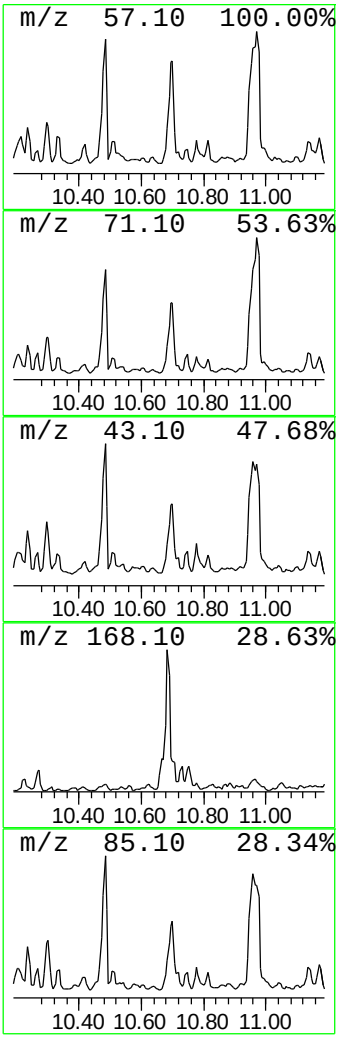
****

Peak Number 15 Bacchotricuneatin c Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	105.65 ng	6614570	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	87
2	Dodecane	170	C12H26	000112-40-3	68
3	Heptacosane	380	C27H56	000593-49-7	64
4	Decane, 2-methyl-	156	C11H24	006975-98-0	62
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108406.D
Acq On : 23 Aug 2018 3:32
Operator : JU/SJ
Sample : J4586-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-275-UST-SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

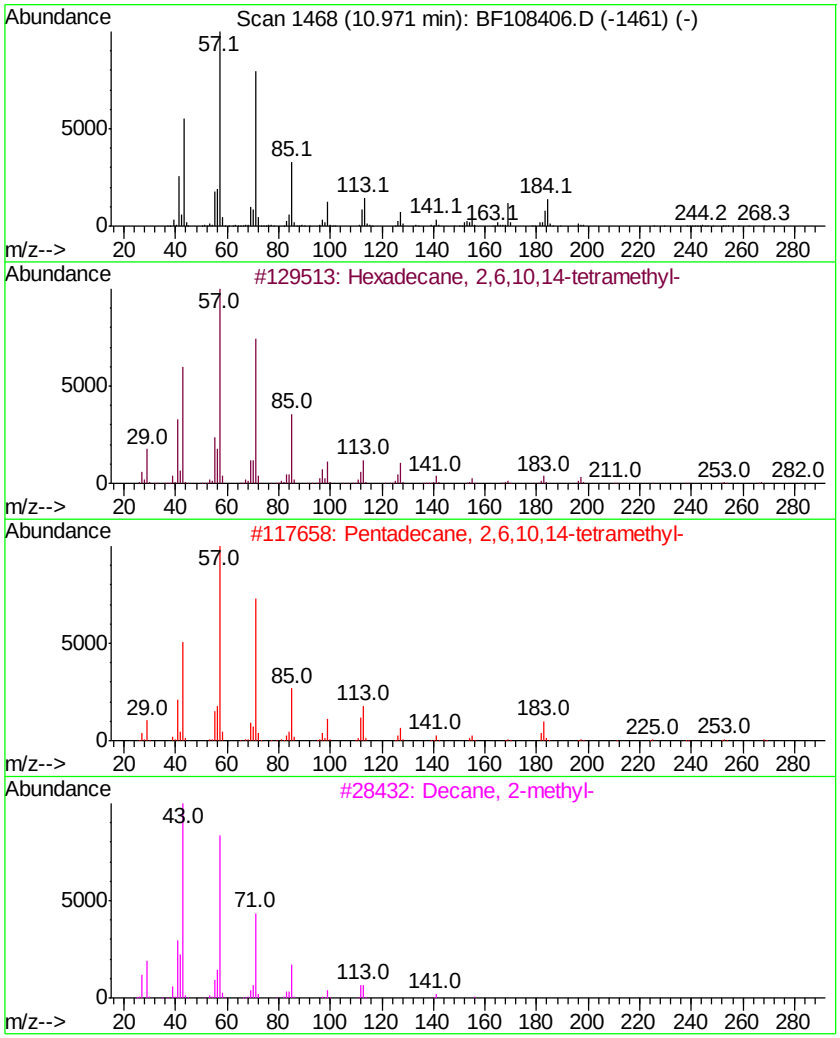
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

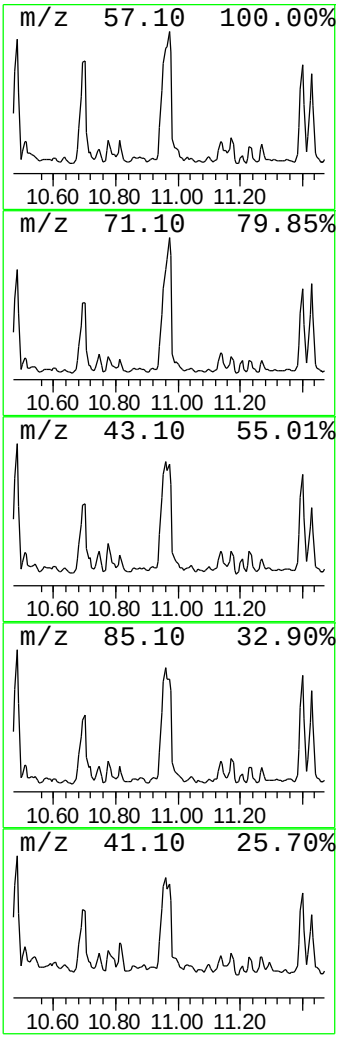
****

Peak Number 16 Hexadecane, 2,6,10,14-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	250.55 ng	15526600	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
3	Decane, 2-methyl-	156	C11H24	006975-98-0	80
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	74
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108406.D
Acq On : 23 Aug 2018 3:32
Operator : JU/SJ
Sample : J4586-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-275-UST-SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

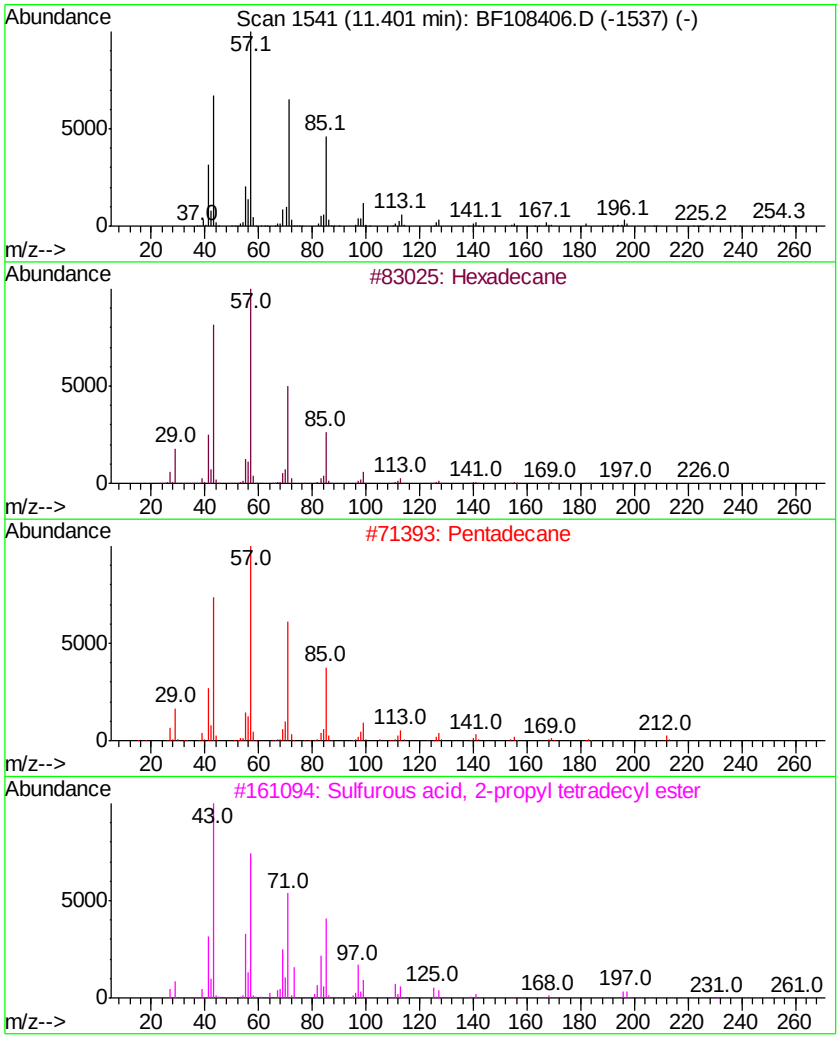
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

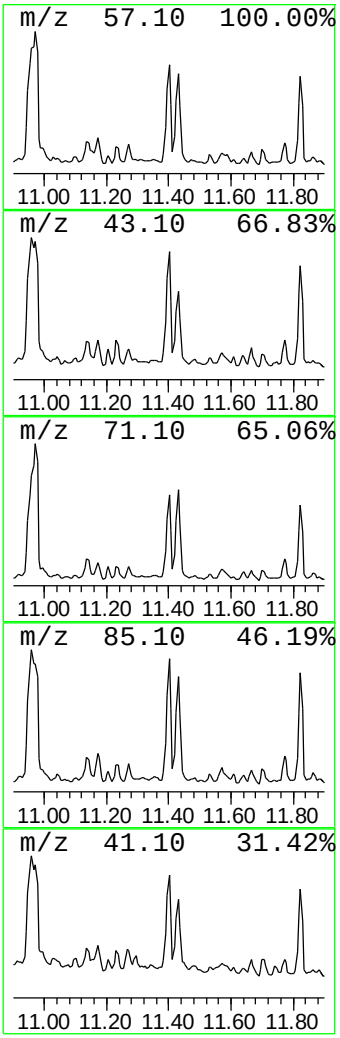
****

Peak Number 17 Sulfurous acid, 2-propyl te... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	79.90 ng	4951480	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	86
4	Tetradecane	198	C14H30	000629-59-4	83
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108406.D
Acq On : 23 Aug 2018 3:32
Operator : JU/SJ
Sample : J4586-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-275-UST-SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

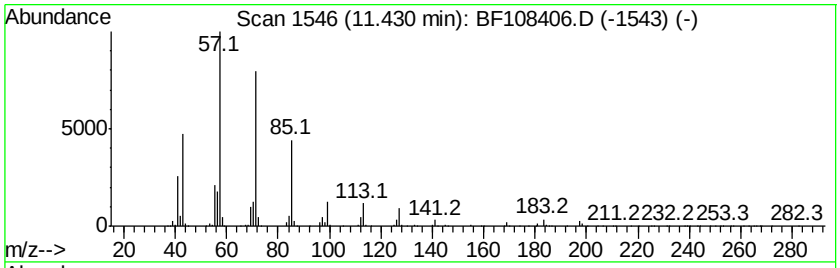
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

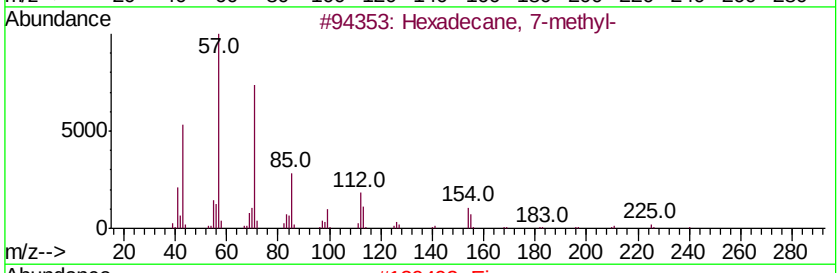
****

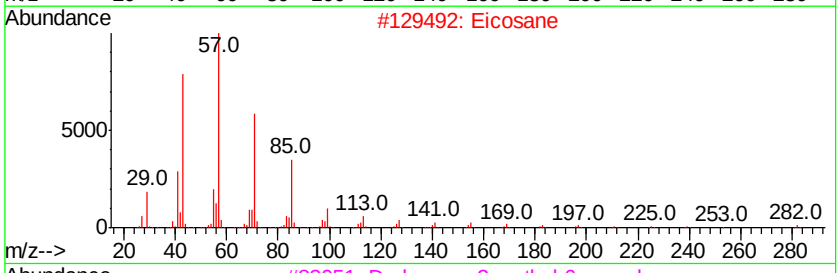
Peak Number 18 Hexadecane, 7-methyl- Concentration Rank 19

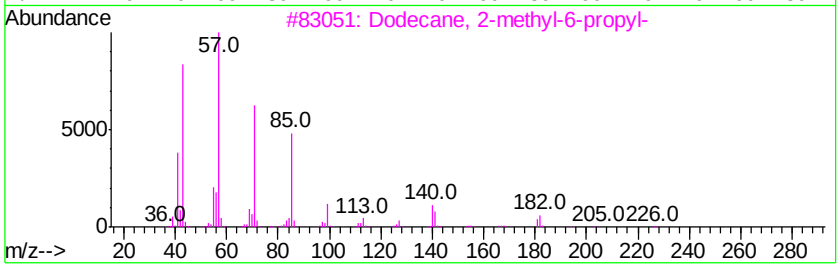
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	62.29 ng	3860000	Phenanthrene-d10	11.56

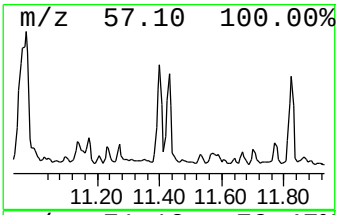
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	90
2	Eicosane	282	C20H42	000112-95-8	86
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
4	Heptacosane	380	C27H56	000593-49-7	83
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83

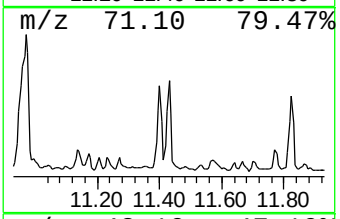


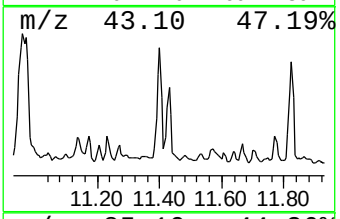


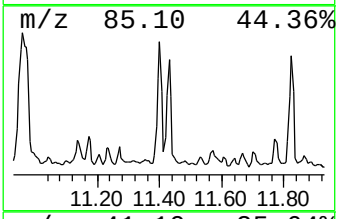


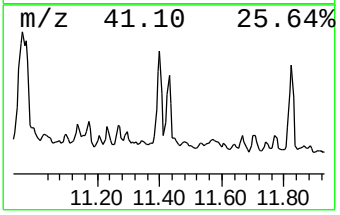












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108406.D
Acq On : 23 Aug 2018 3:32
Operator : JU/SJ
Sample : J4586-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-275-UST-SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

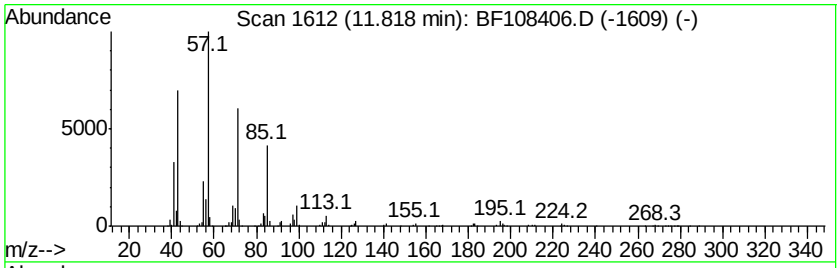
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

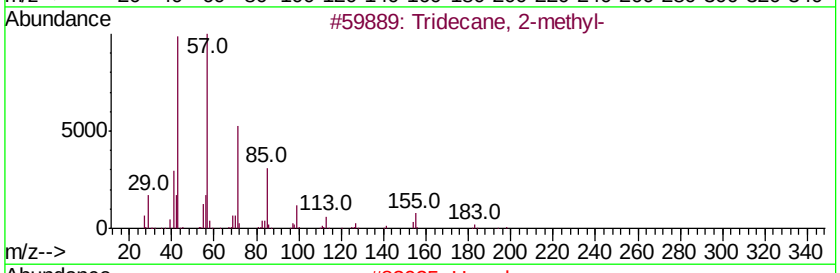
****

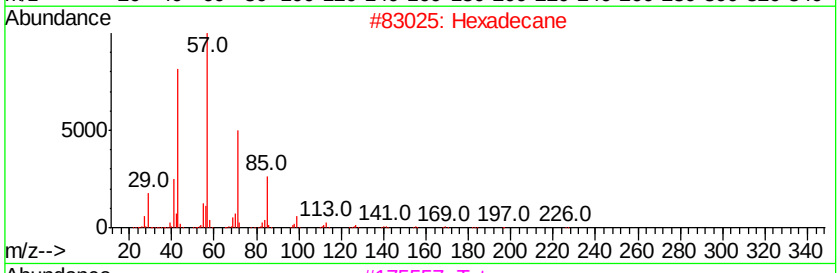
Peak Number 19 Tridecane, 2-methyl- Concentration Rank 9

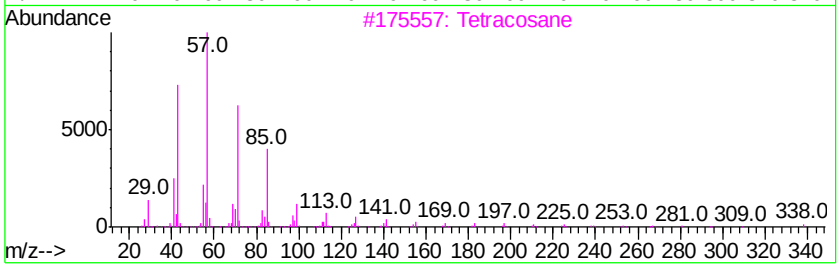
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	85.14 ng	5275890	Phenanthrene-d10	11.56

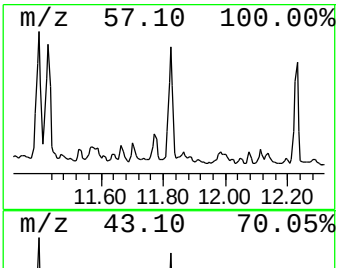
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Heptadecane	240	C17H36	000629-78-7	90

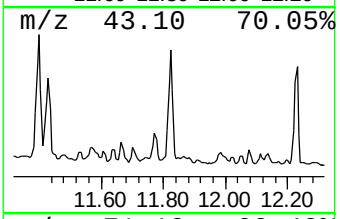


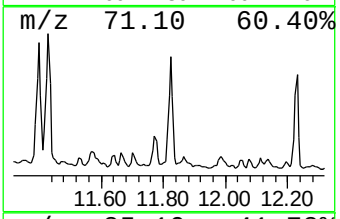


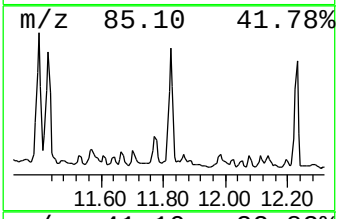


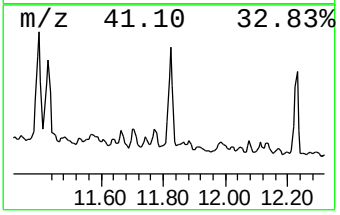












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108406.D
Acq On : 23 Aug 2018 3:32
Operator : JU/SJ
Sample : J4586-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-275-UST-SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

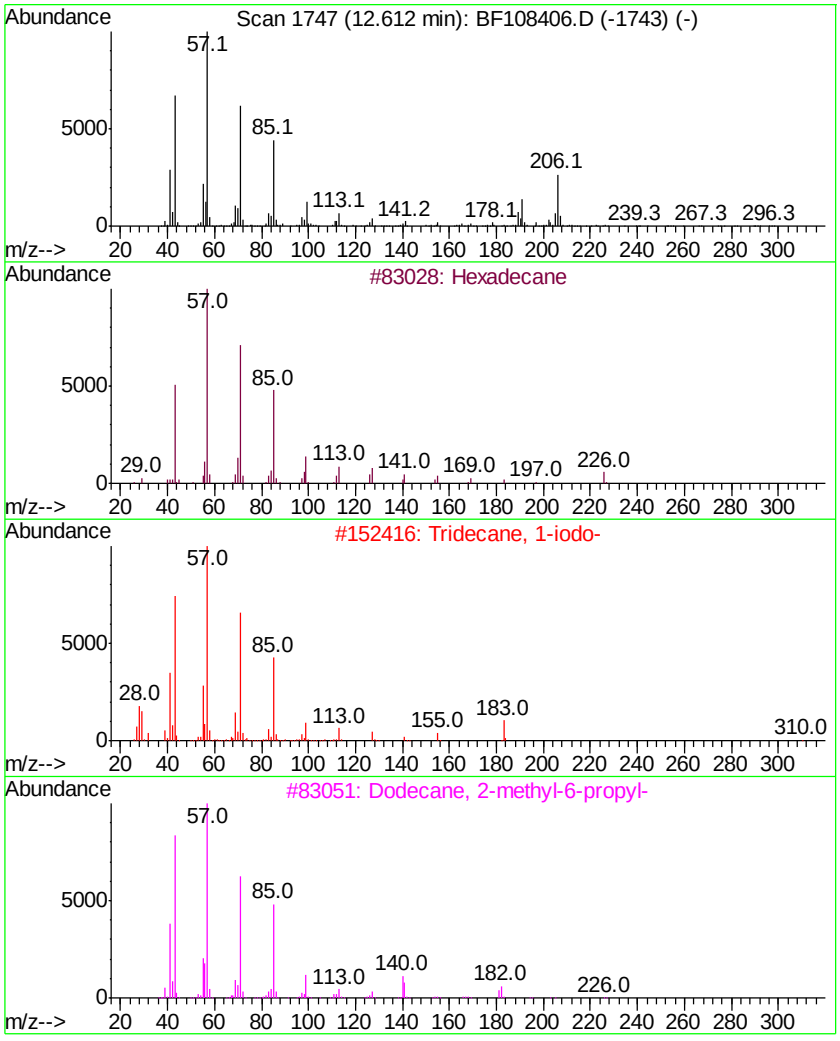
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

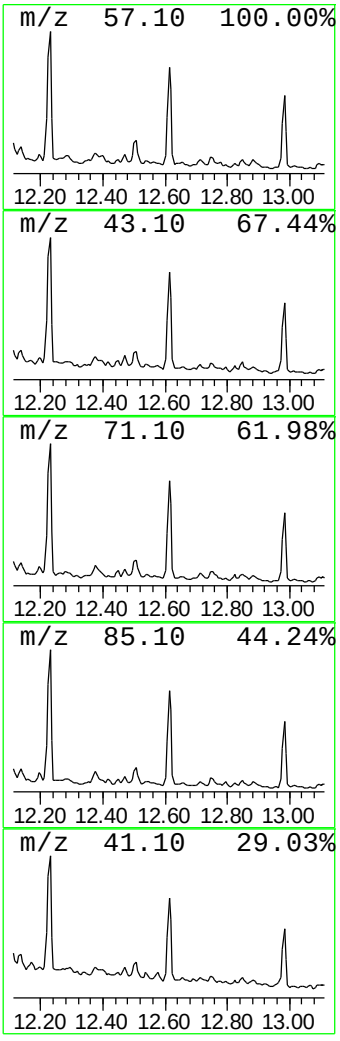
****

Peak Number 20 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	65.78 ng	4076380	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	89
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	62
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	58
4	Heneicosane	296	C21H44	000629-94-7	58
5	Eicosane	282	C20H42	000112-95-8	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082218\
Data File : BF108406.D
Acq On : 23 Aug 2018 3:32
Operator : JU/SJ
Sample : J4586-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-275-UST-SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
unknown8.58	8.58	67.2	ng	5398630	2	8.29	1606650	20.0
Naphthalene, 1,2,...	8.80	69.7	ng	5599830	2	8.29	1606650	20.0
Dodecane, 2,6,10-...	9.31	65.7	ng	4111900	3	10.07	1252210	20.0
10-Methylnonadecane	9.45	123.6	ng	7739390	3	10.07	1252210	20.0
Naphthalene, 1,6-...	9.65	115.9	ng	7257910	3	10.07	1252210	20.0
Naphthalene, 2,3-...	9.72	67.9	ng	4253030	3	10.07	1252210	20.0
Tetradecane	9.77	180.4	ng	11296400	3	10.07	1252210	20.0
Pentadecane	9.98	124.5	ng	7796030	3	10.07	1252210	20.0
Naphthalene, 2,3,...	10.17	71.4	ng	4468080	3	10.07	1252210	20.0
4,6,8-Trimethylaz...	10.27	62.1	ng	3890010	3	10.07	1252210	20.0
Naphthalene, 1,4,...	10.38	69.2	ng	4335230	3	10.07	1252210	20.0
1-(2,2-Dimethylcy...	10.41	63.3	ng	3965630	3	10.07	1252210	20.0
Hexadecane	10.48	185.6	ng	11617200	3	10.07	1252210	20.0
Bacchotricuneatin c	10.69	105.7	ng	6614570	3	10.07	1252210	20.0
Hexadecane, 2,6,1...	10.97	250.6	ng	15526600	4	11.56	1239410	20.0
Sulfurous acid, 2...	11.40	79.9	ng	4951480	4	11.56	1239410	20.0
Hexadecane, 7-met...	11.43	62.3	ng	3860000	4	11.56	1239410	20.0
Tridecane, 2-methyl-	11.82	85.1	ng	5275890	4	11.56	1239410	20.0
Eicosane	12.61	65.8	ng	4076380	4	11.56	1239410	20.0