LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108407.D
Acq On : 23 Aug 2018 3:59
Operator : JU/SJ
Sample : J4586-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-240-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	4.143	303	307	313	rVB	421477	534752	13.25%	0.684%
2	4.672	392	397	400	rBV	243650	305038	7.56%	0.390%
3	5.495	533	537	540	rBV2	713090	694210	17.20%	0.887%
4	5.601	551	555	562	rVB2	1905186	2582998	64.01%	3.302%
5	5.854	595	598	603	rVV	1165552	1147685	28.44%	1.467%
6	5.901	603	606	613	rVB	773269	744746	18.46%	0.952%
7	6.166	648	651	654	rVV2	260155	262631	6.51%	0.336%
8	6.237	659	663	665	rBV	339194	354993	8.80%	0.454%
9	6.254	665	666	671	rVV2	280120	275219	6.82%	0.352%
10	6.431	691	696	698	rBV3	178684	291319	7.22%	0.372%
11	6.460	698	701	703	rVV	495212	459418	11.39%	0.587%
12	6.489	703	706	708	rVB	331542	311604	7.72%	0.398%
13	6.525	708	712	715	rBV	2016518	1892270	46.90%	2.419%
14	6.554	715	717	719	rVV	922432	763976	18.93%	0.977%
15	6.578	719	721	722	rVV	312734	233577	5.79%	0.299%
16	6.601	722	725	731	rVV2	1224005	1209428	29.97%	1.546%
17	6.684	735	739	743	rVB	780919	725109	17.97%	0.927%
18	6.766	751	753	759	rVB2	258099	336617	8.34%	0.430%
19	6.825	759	763	766	rBV	4513978	4035094	100.00%	5.158%
20	6.954	783	785	789	rVV4	155888	228976	5.67%	0.293%
21	7.001	789	793	795	rVV	1314557	1175757	29.14%	1.503%
22	7.054	799	802	807	rVV	1161988	1089981	27.01%	1.393%
23	7.136	813	816	820	rVV4	283005	525817	13.03%	0.672%
24	7.178	820	823	827	rVV2	619054	597853	14.82%	0.764%
25	7.242	831	834	835	rVV	445078	378672	9.38%	0.484%
26	7.266	835	838	841	rVV2	1191554	1264064	31.33%	1.616%
27	7.313	843	846	852	rVB2	2063574	2035153	50.44%	2.601%
28	7.372	852	856	857	rBV	306933	303506	7.52%	0.388%
29	7.389	857	859	862	rVV2	426361	436420	10.82%	0.558%
30	7.460	868	871	873	rVV	702054	686079	17.00%	0.877%
31	7.484	873	875	878	rVV	825186	635778	15.76%	0.813%
32	7.531	878	883	885	rVV	1665777	1689764	41.88%	2.160%
33	7.578	885	891	896	rVV2	1731146	2412237	59.78%	3.083%
34	7.636	896	901	905	rVV5	409618	556576	13.79%	0.711%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108407.D
Acq On : 23 Aug 2018 3:59
Operator : JU/SJ
Sample : J4586-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-240-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	7.678	905	908	915	rVV4	504553	741725	18.38%	0.948%
36	7.766	920	923	925	rVV	1090417	953825	23.64%	1.219%
37	7.789	925	927	930	rVV	1484894	1248441	30.94%	1.596%
38	7.878	937	942	943	rVV2	375121	413978	10.26%	0.529%
39	7.895	943	945	947	rVV	635248	514751	12.76%	0.658%
40	7.925	947	950	952	rVV2	837837	823035	20.40%	1.052%
41	7.954	952	955	958	rVV2	1061807	1164233	28.85%	1.488%
42	7.995	958	962	963	rVV2	493772	616332	15.27%	0.788%
43	8.019	963	966	968	rVV	2131300	1963453	48.66%	2.510%
44	8.042	968	970	972	rVV	777247	692414	17.16%	0.885%
45	8.060	972	973	975	rVV2	387435	276502	6.85%	0.353%
46	8.095	975	979	981	rVV2	468824	653528	16.20%	0.835%
47	8.142	985	987	991	rVB	534375	477171	11.83%	0.610%
48	8.225	998	1001	1002	rVV2	346855	372014	9.22%	0.476%
49	8.248	1002	1005	1007	rVV	2194472	2162354	53.59%	2.764%
50	8.272	1007	1009	1010	rVV	950417	909365	22.54%	1.162%
51	8.289	1010	1012	1013	rVV	1696119	1486882	36.85%	1.901%
52	8.307	1013	1015	1017	rVV	2130149	2164434	53.64%	2.767%
53	8.325	1017	1018	1021	rVV	1328070	857132	21.24%	1.096%
54	8.360	1021	1024	1030	rVV2	555166	617728	15.31%	0.790%
55	8.442	1031	1038	1039	rVV5	265498	412202	10.22%	0.527%
56	8.525	1049	1052	1055	rVV2	248347	312283	7.74%	0.399%
57	8.560	1055	1058	1063	rVV3	750226	1076282	26.67%	1.376%
58	8.607	1063	1066	1067	rVV3	260002	258779	6.41%	0.331%
59	8.625	1067	1069	1070	rVV	267988	222376	5.51%	0.284%
60	8.642	1070	1072	1074	rVV	317357	321034	7.96%	0.410%
61	8.666	1074	1076	1078	rVV	728055	632061	15.66%	0.808%
62	8.683	1078	1079	1082	rVV	635556	476216	11.80%	0.609%
63	8.713	1082	1084	1087	rVV3	206030	262644	6.51%	0.336%
64	8.748	1087	1090	1094	rVV	455487	455395	11.29%	0.582%
65	8.783	1094	1096	1101	rVV3	466370	586629	14.54%	0.750%
66	8.860	1103	1109	1115	rVV3	1346094	1631911	40.44%	2.086%
67	9.001	1130	1133	1136	rVB	2469410	1850077	45.85%	2.365%
68	9.101	1147	1150	1152	rVB	1054849	841315	20.85%	1.075%
69	9.354	1190	1193	1197	rVB	269717	247675	6.14%	0.317%
70	9.425	1201	1205	1208	rVV	634839	566505	14.04%	0.724%
71	9.554	1225	1227	1234	rVB	204593	227043	5.63%	0.290%

LSC Area Percent Report

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Acq On : 23 Aug 2018 3:59
Operator : JU/SJ
Sample : J4586-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-240-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

72	9.625	1234	1239	1243	rBV2	310940	449347	11.14%	0.574%
73	9.701	1248	1252	1254	rBV	366164	366280	9.08%	0.468%
74	9.725	1254	1256	1258	rBV	256083	241576	5.99%	0.309%
75	9.954	1292	1295	1299	rVB	487775	384531	9.53%	0.492%
76	10.048	1308	1311	1315	rVB	1150879	1013079	25.11%	1.295%
77	10.454	1375	1380	1384	rVV3	449454	429745	10.65%	0.549%
78	10.672	1414	1417	1420	rVB2	243888	276421	6.85%	0.353%
79	10.942	1458	1463	1471	rBV3	525176	864983	21.44%	1.106%
80	11.377	1534	1537	1540	rBV	451007	378747	9.39%	0.484%
81	11.407	1540	1542	1545	rVB	357962	327294	8.11%	0.418%
82	11.542	1561	1565	1567	rBV	1018415	914857	22.67%	1.169%
83	11.760	1600	1602	1605	rBV2	210545	231243	5.73%	0.296%
84	11.807	1607	1610	1613	rVB	768414	642712	15.93%	0.822%
85	12.071	1652	1655	1658	rVB	327741	284024	7.04%	0.363%
86	12.218	1677	1680	1683	rBV	931817	755564	18.72%	0.966%
87	12.501	1725	1728	1731	rVV	460052	486830	12.06%	0.622%
88	12.607	1744	1746	1749	rVB	857582	760663	18.85%	0.972%
89	12.713	1762	1764	1768	rBV2	296814	365317	9.05%	0.467%
90	12.754	1768	1771	1776	rVV2	369362	586862	14.54%	0.750%
91	12.824	1781	1783	1785	rBV2	363430	341996	8.48%	0.437%
92	12.848	1785	1787	1791	rBV2	264488	311270	7.71%	0.398%
93	12.983	1808	1810	1813	rVB2	599026	413700	10.25%	0.529%
94	13.101	1827	1830	1831	rBV	623331	713414	17.68%	0.912%
95	13.248	1853	1855	1858	rVB	456650	320703	7.95%	0.410%
96	13.342	1869	1871	1874	rVB	753524	599383	14.85%	0.766%
97	13.471	1890	1893	1903	rVB2	877397	1746704	43.29%	2.233%
98	14.124	2002	2004	2009	rBV	957960	1341766	33.25%	1.715%
99	14.207	2015	2018	2021	rBV2	755183	822360	20.38%	1.051%
100	14.442	2055	2058	2063	rVB2	960477	1197052	29.67%	1.530%

Sum of corrected areas: 78235464

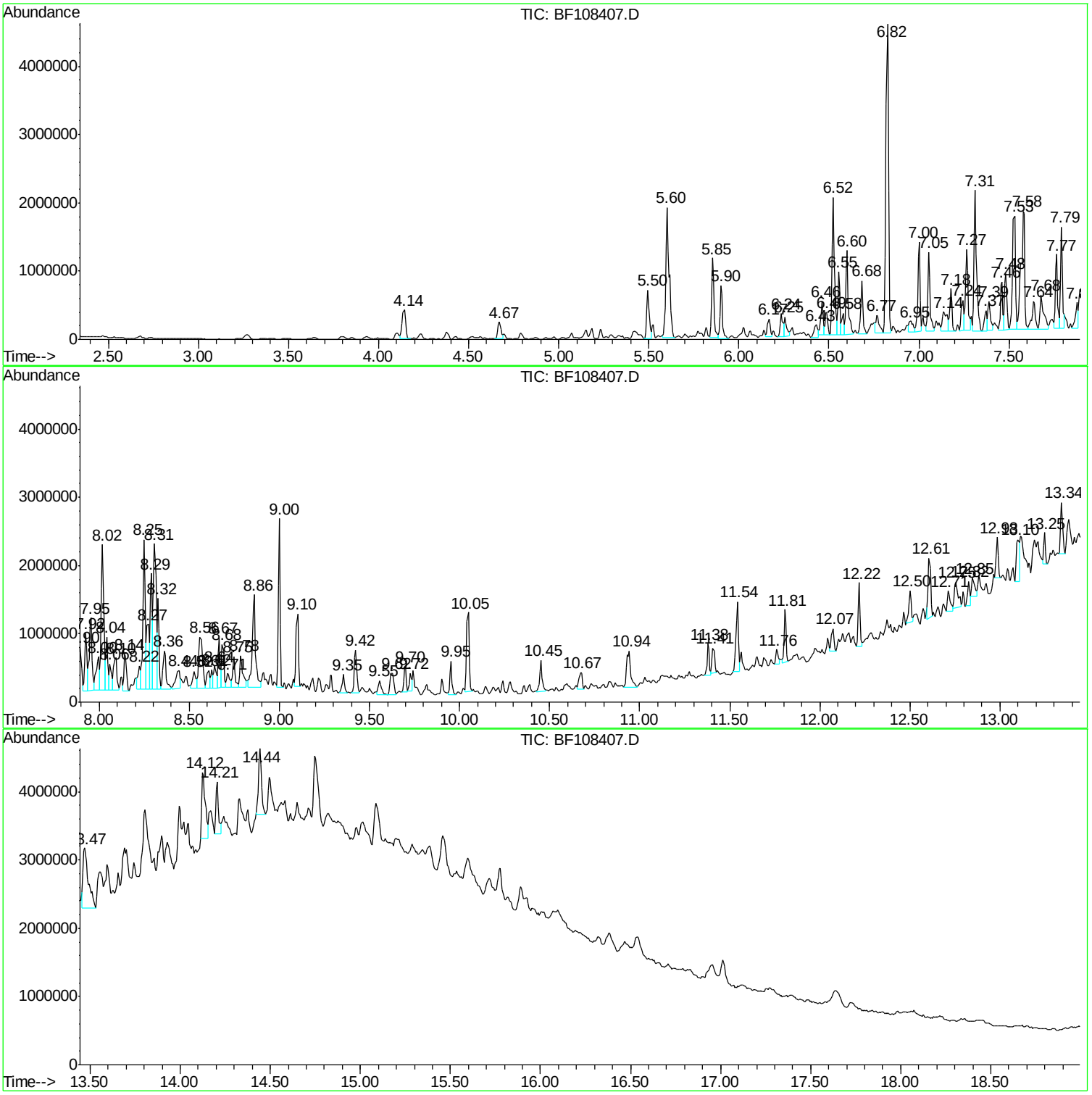
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108407.D
Acq On : 23 Aug 2018 3:59
Operator : JU/SJ
Sample : J4586-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-240-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\
Data File : BF108407.D
Acq On : 23 Aug 2018 3:59
Operator : JU/SJ
Sample : J4586-02 10X
Misc :
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Instrument : BNA_F
ClientSampleId : EP1-240-UST-SLUDGE

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

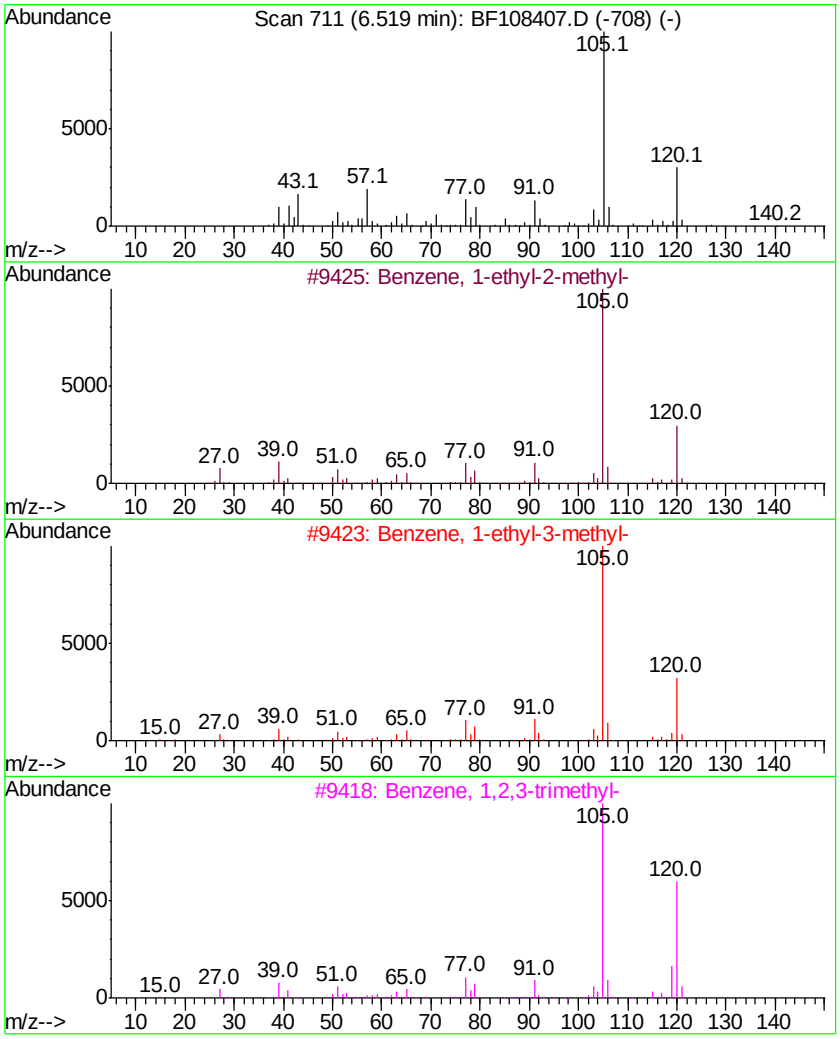
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

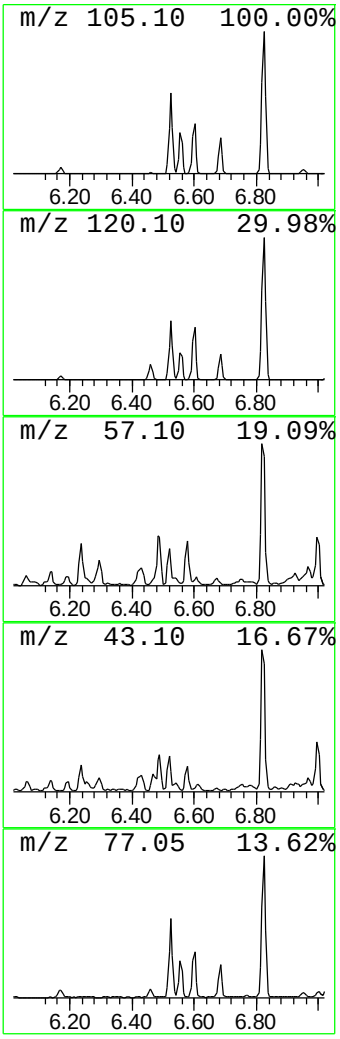
****

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	32.19 ng	1892270	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108407.D
Acq On : 23 Aug 2018 3:59
Operator : JU/SJ
Sample : J4586-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-240-UST-SLUDGE

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

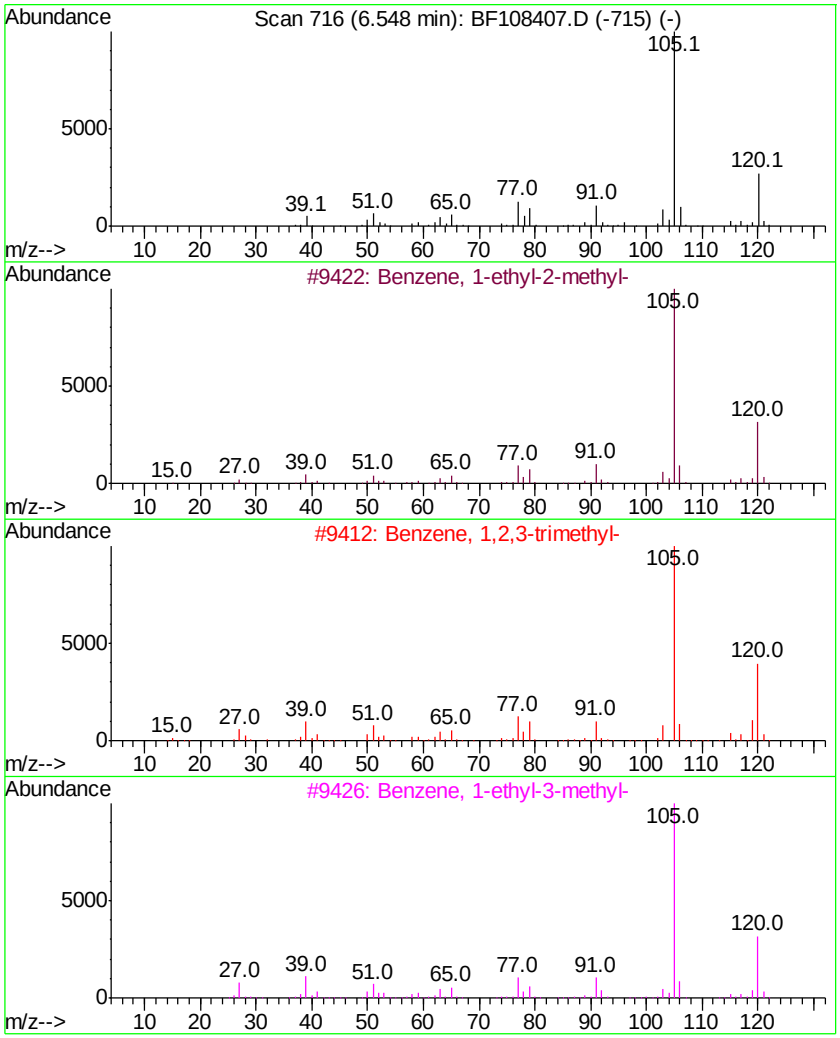
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

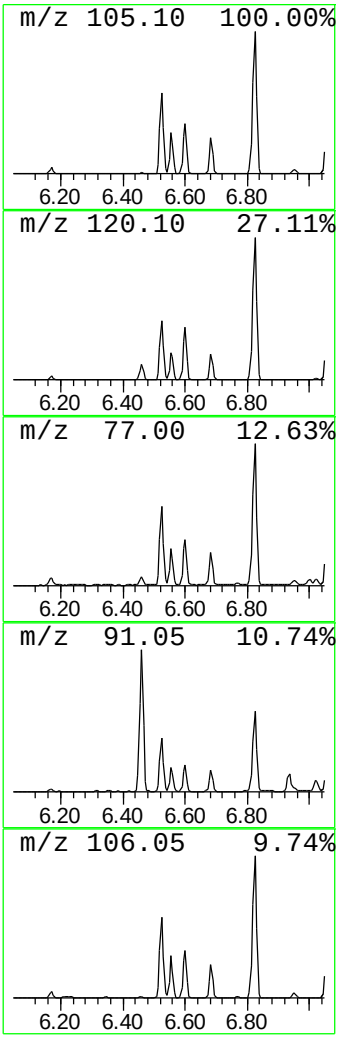
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	13.00 ng	763976	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
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Acq On : 23 Aug 2018 3:59
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Sample : J4586-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-240-UST-SLUDGE

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

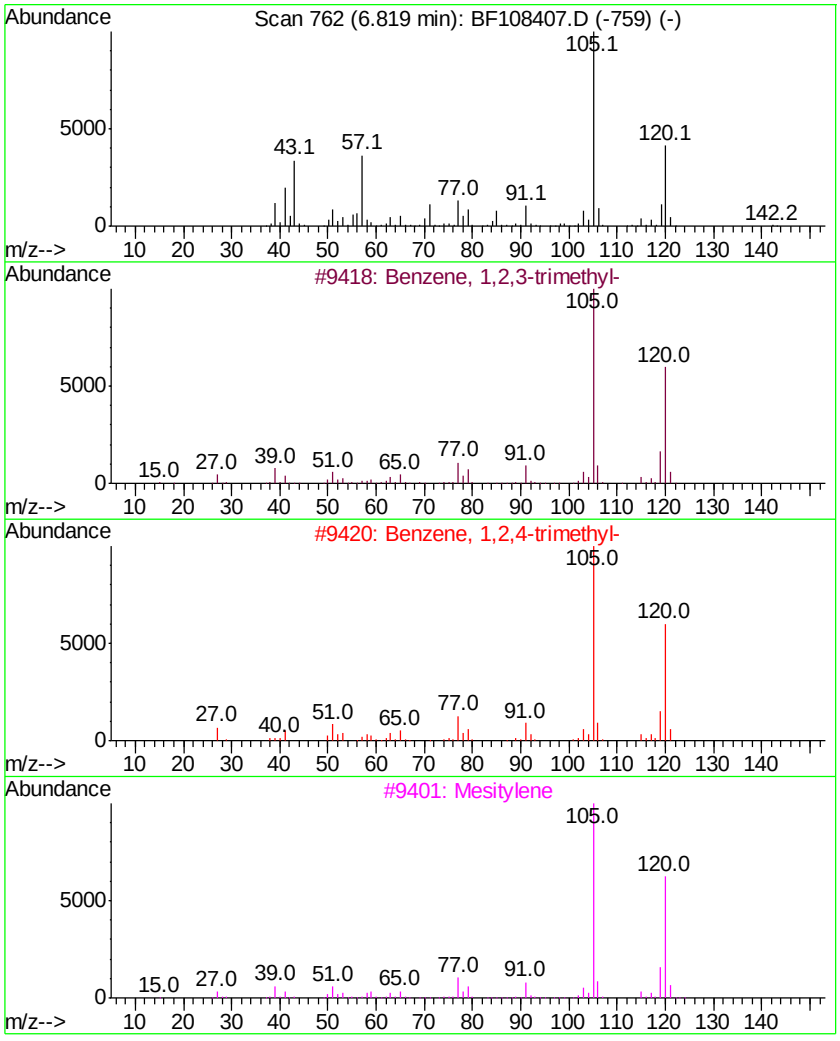
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

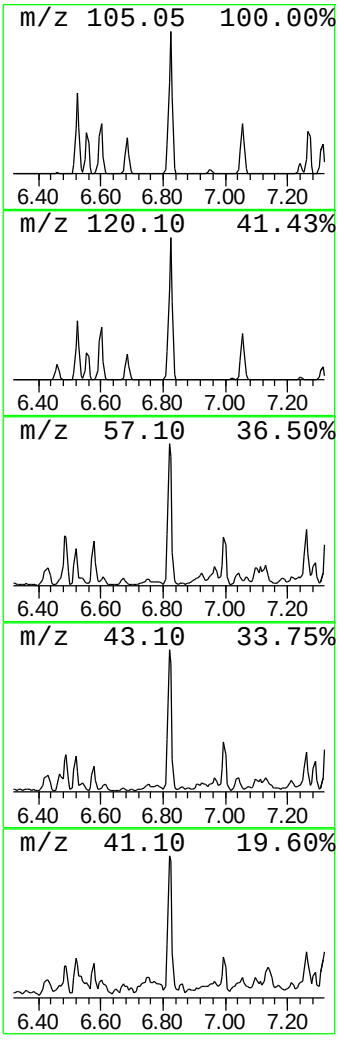
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	68.64 ng	4035090	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108407.D
Acq On : 23 Aug 2018 3:59
Operator : JU/SJ
Sample : J4586-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-240-UST-SLUDGE

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

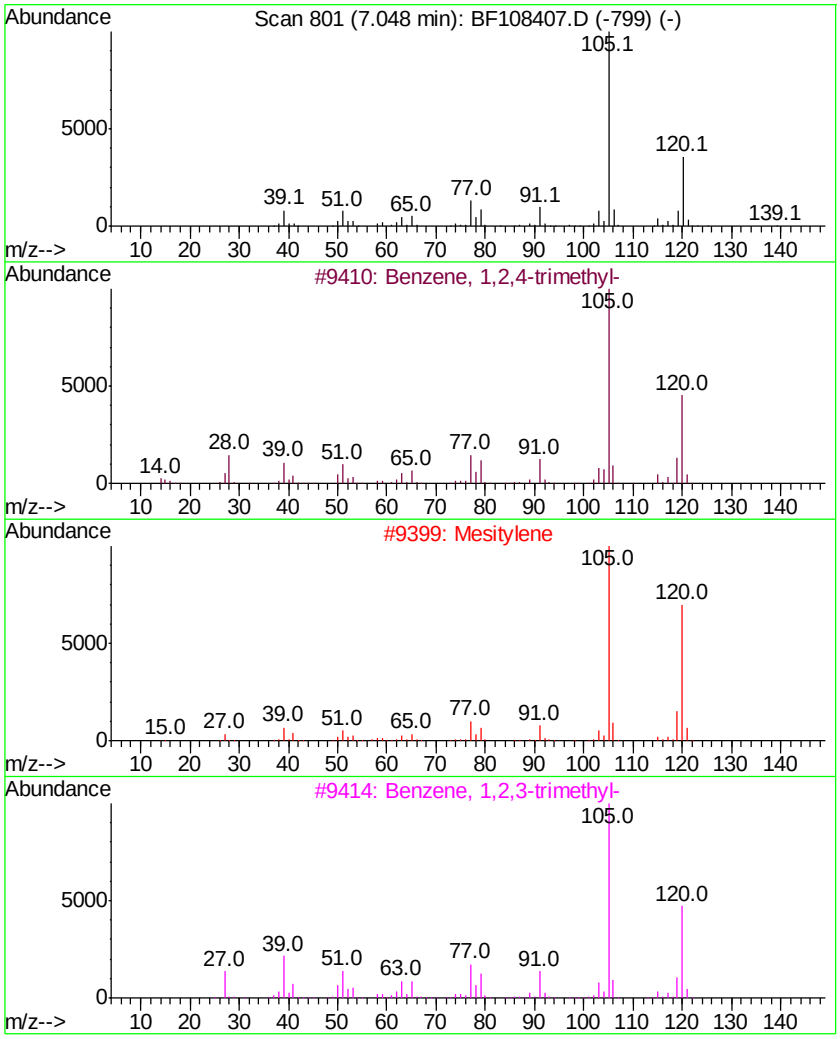
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

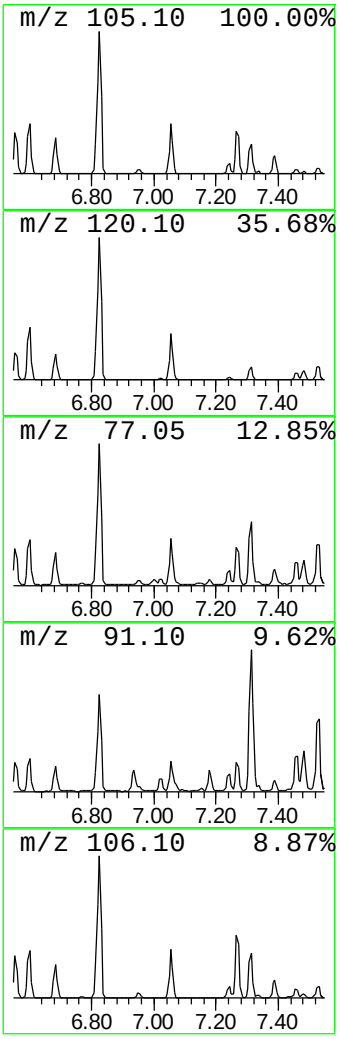
****

Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	18.54 ng	1089980	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108407.D
Acq On : 23 Aug 2018 3:59
Operator : JU/SJ
Sample : J4586-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-240-UST-SLUDGE

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

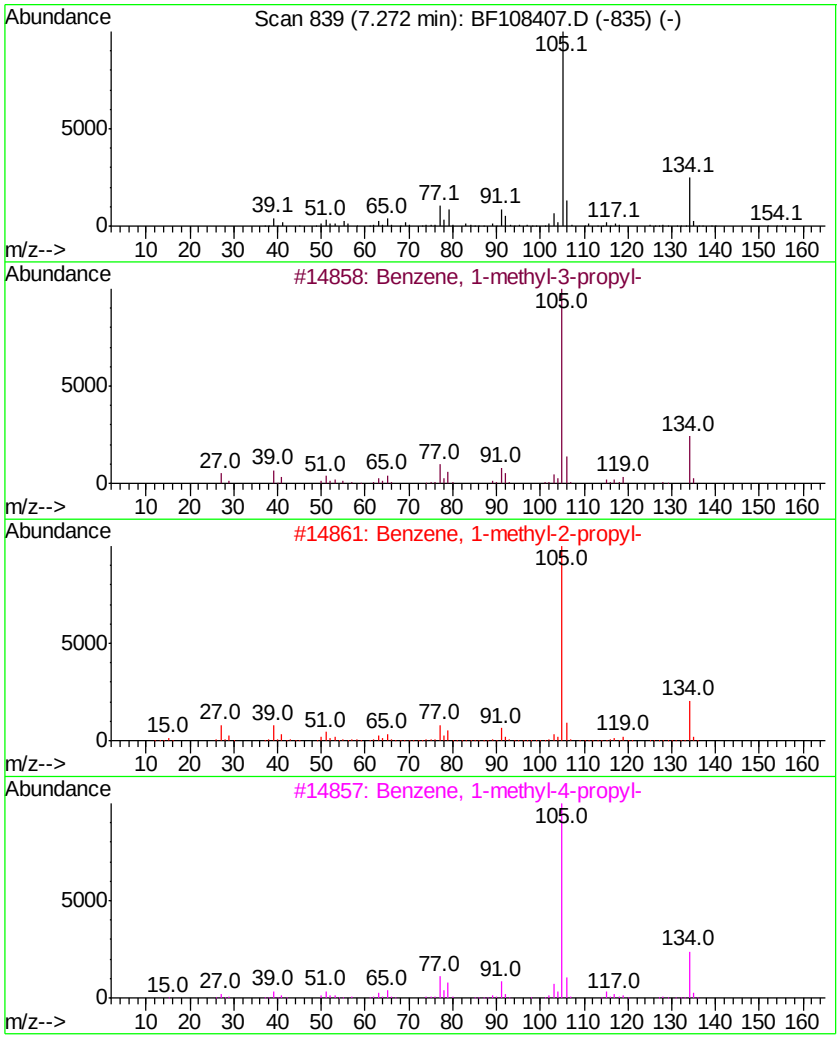
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

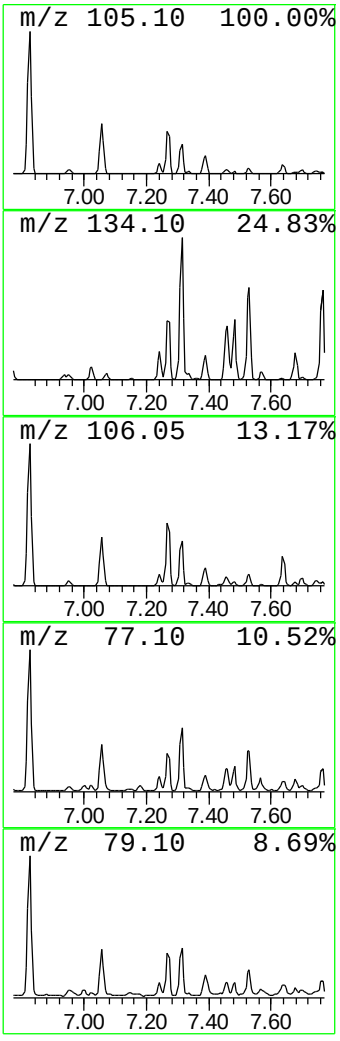
****

Peak Number 6 Benzene, 1-methyl-3-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	21.50 ng	1264060	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	59





Library Search Compound Report

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Data File : BF108407.D
Acq On : 23 Aug 2018 3:59
Operator : JU/SJ
Sample : J4586-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-240-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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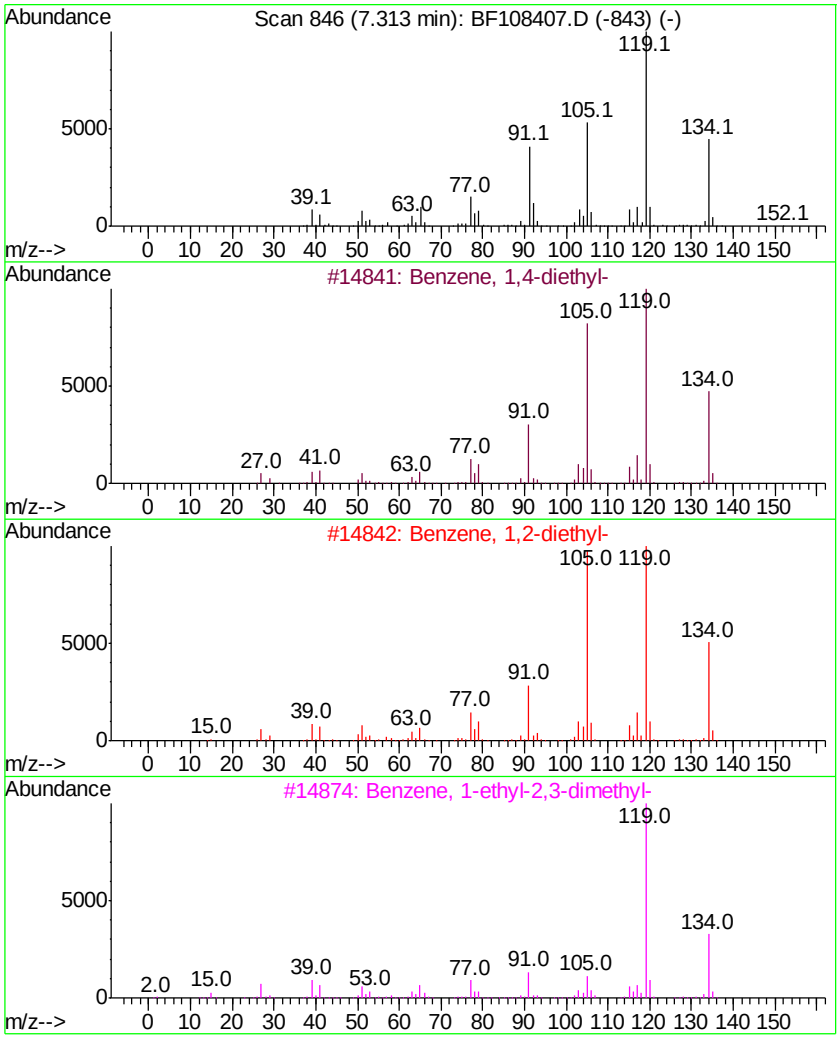
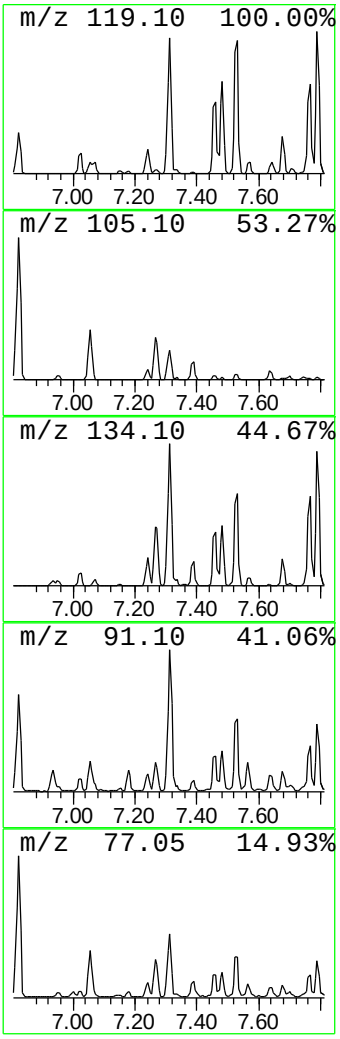
Peak Number 7 Benzene, 1,4-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	34.62 ng	2035150	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	92
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Sample : J4586-02 10X
Misc :
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ClientSampleId : EP1-240-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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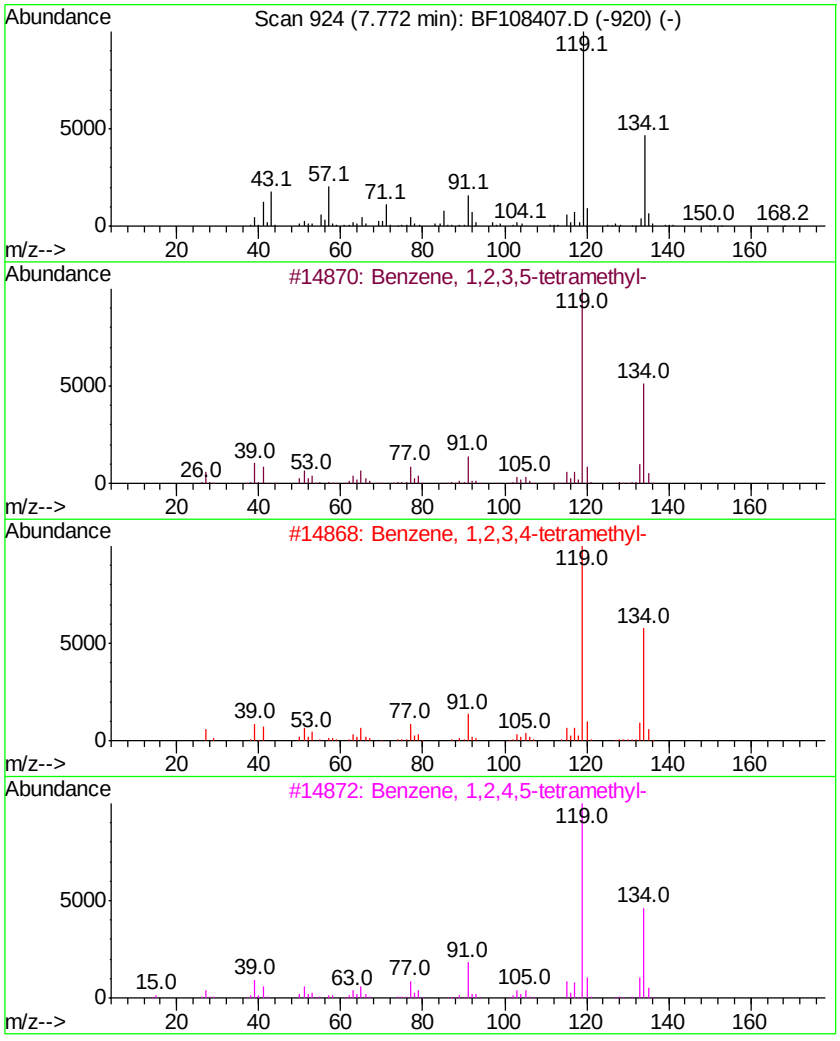
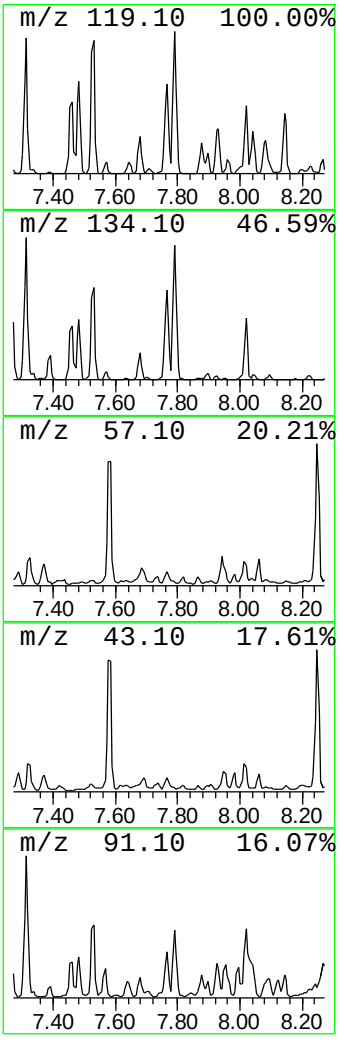
Peak Number 8 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	12.83 ng	953825	Naphthalene-d8	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87





Library Search Compound Report

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Sample : J4586-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-240-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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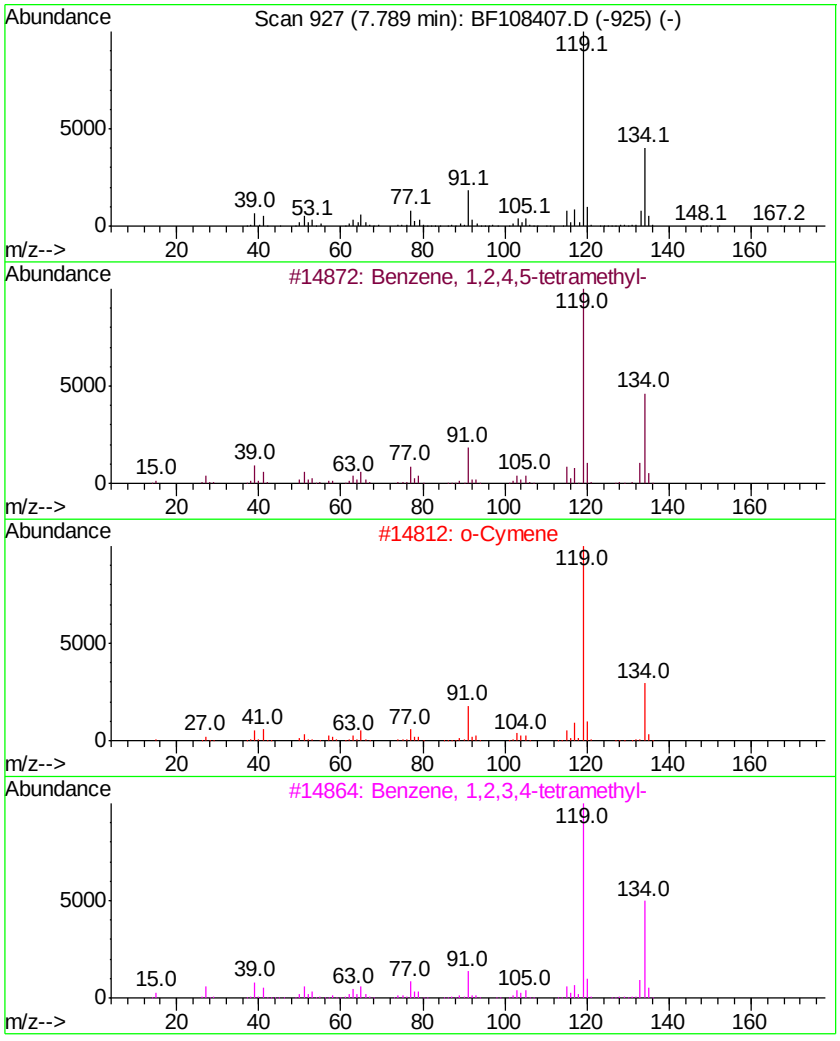
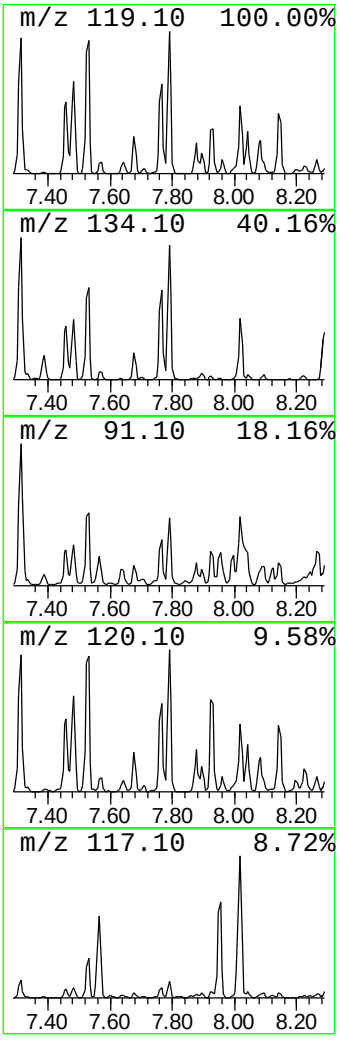
Peak Number 9 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	16.79 ng	1248440	Naphthalene-d8	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





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Operator : JU/SJ
Sample : J4586-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-240-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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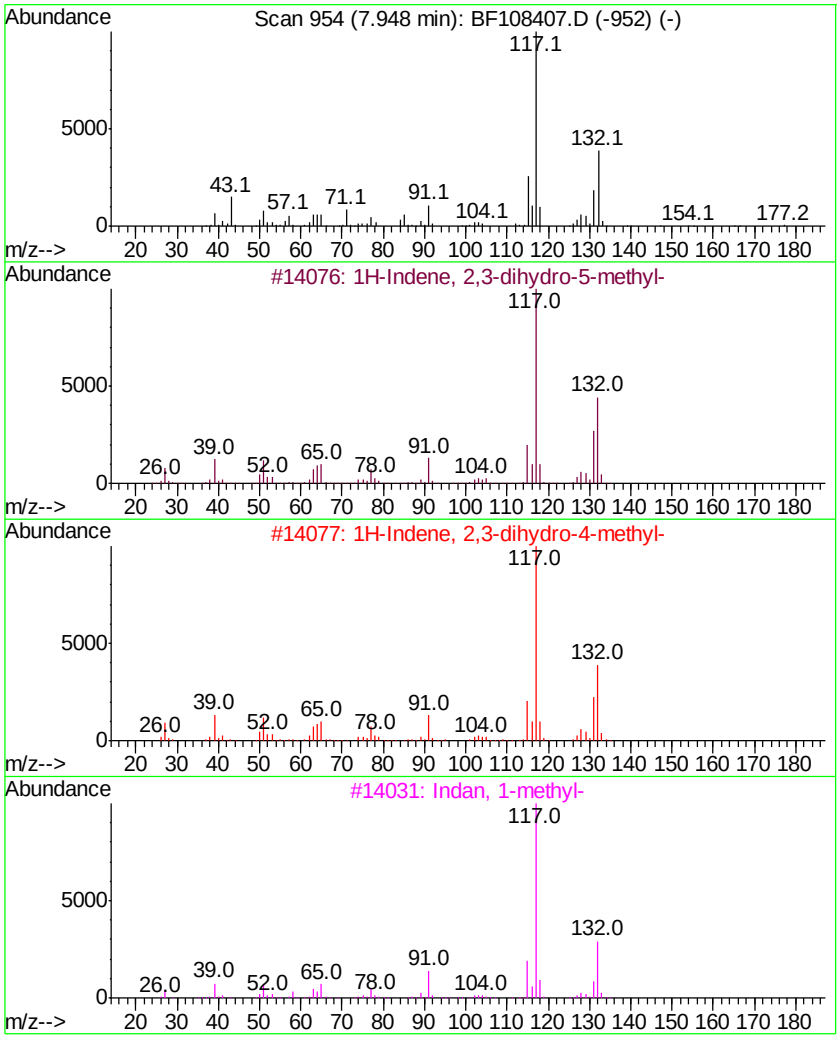
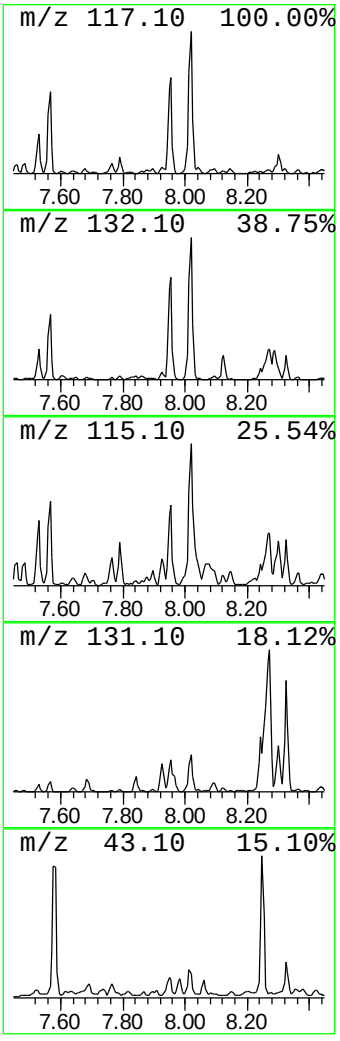
Peak Number 10 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	15.66 ng	1164230	Naphthalene-d8	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80





Library Search Compound Report

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Sample : J4586-02 10X
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ClientSampleId :
EP1-240-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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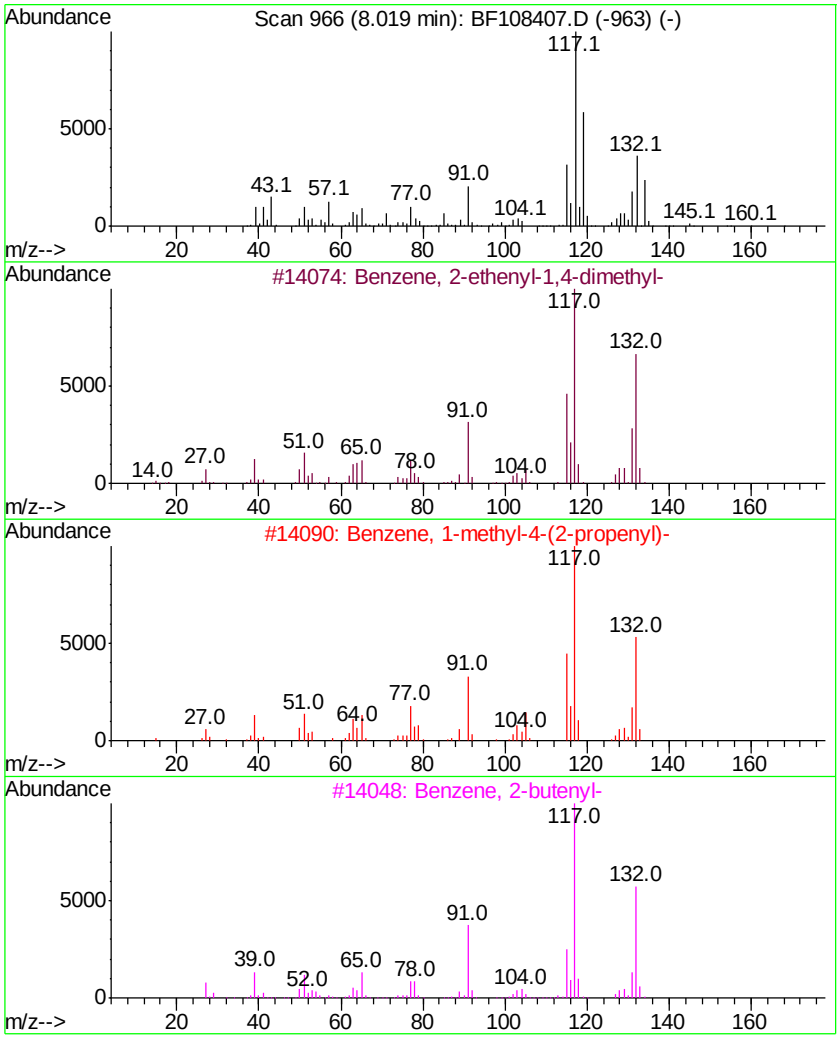
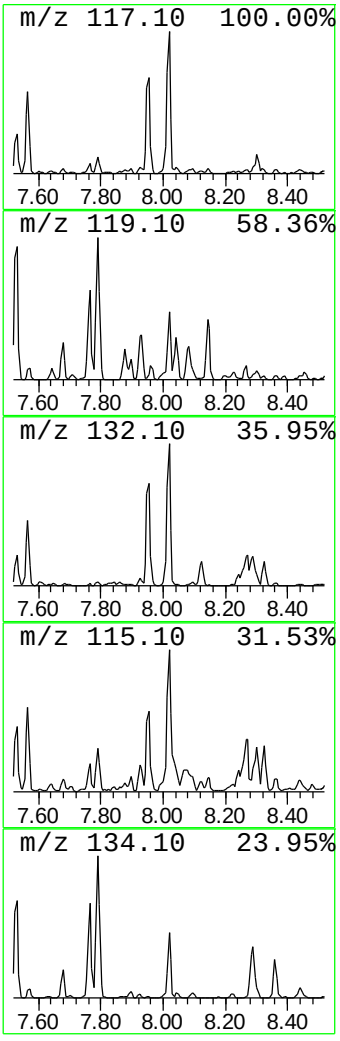
Peak Number 11 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	26.41 ng	1963450	Naphthalene-d8	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	86
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





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Operator : JU/SJ
Sample : J4586-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-240-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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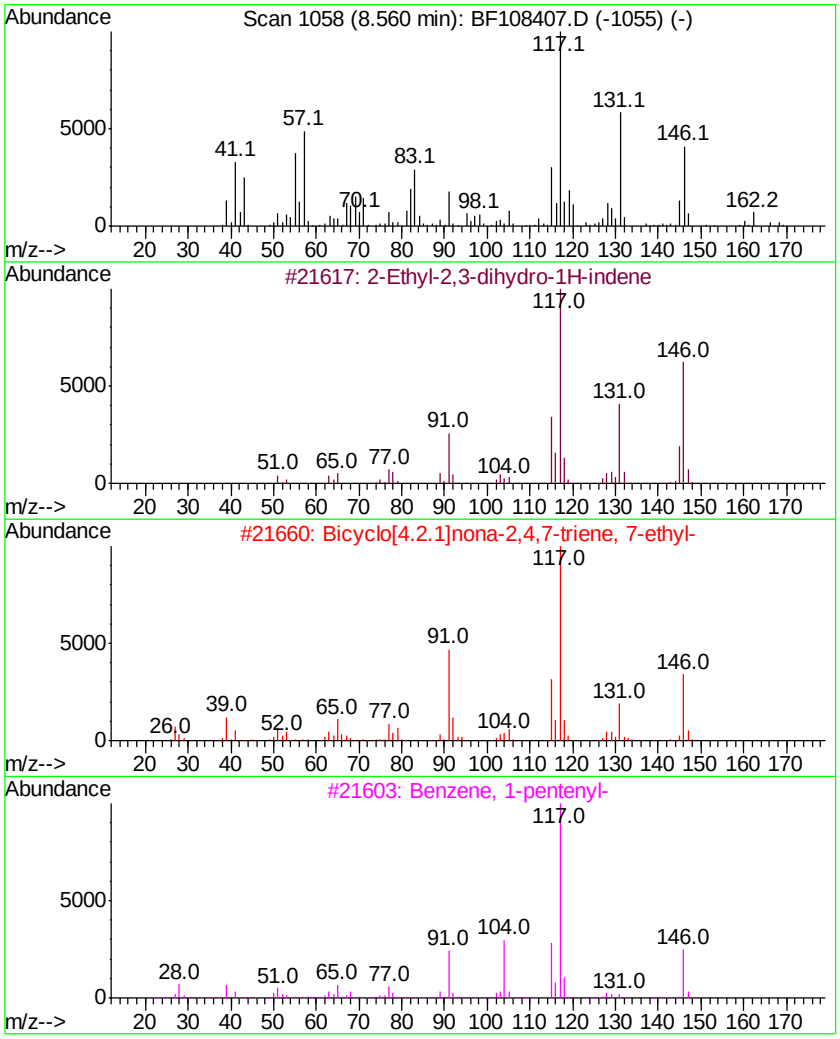
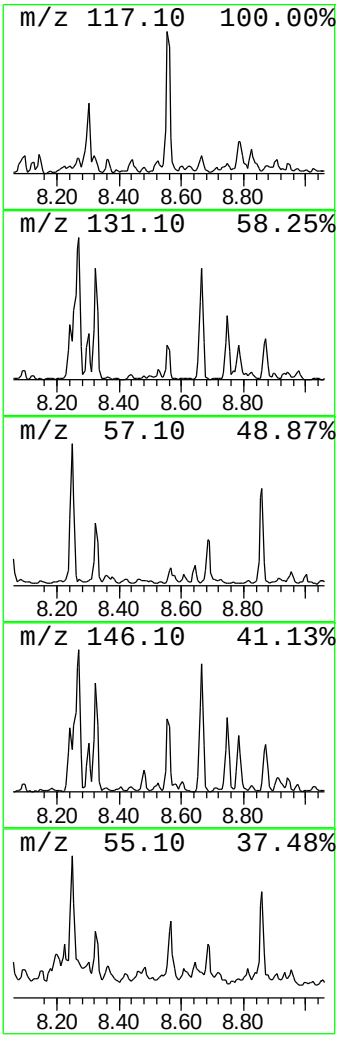
Peak Number 12 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	14.48 ng	1076280	Naphthalene-d8	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	81
2	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	68
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	58
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55





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Sample : J4586-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-240-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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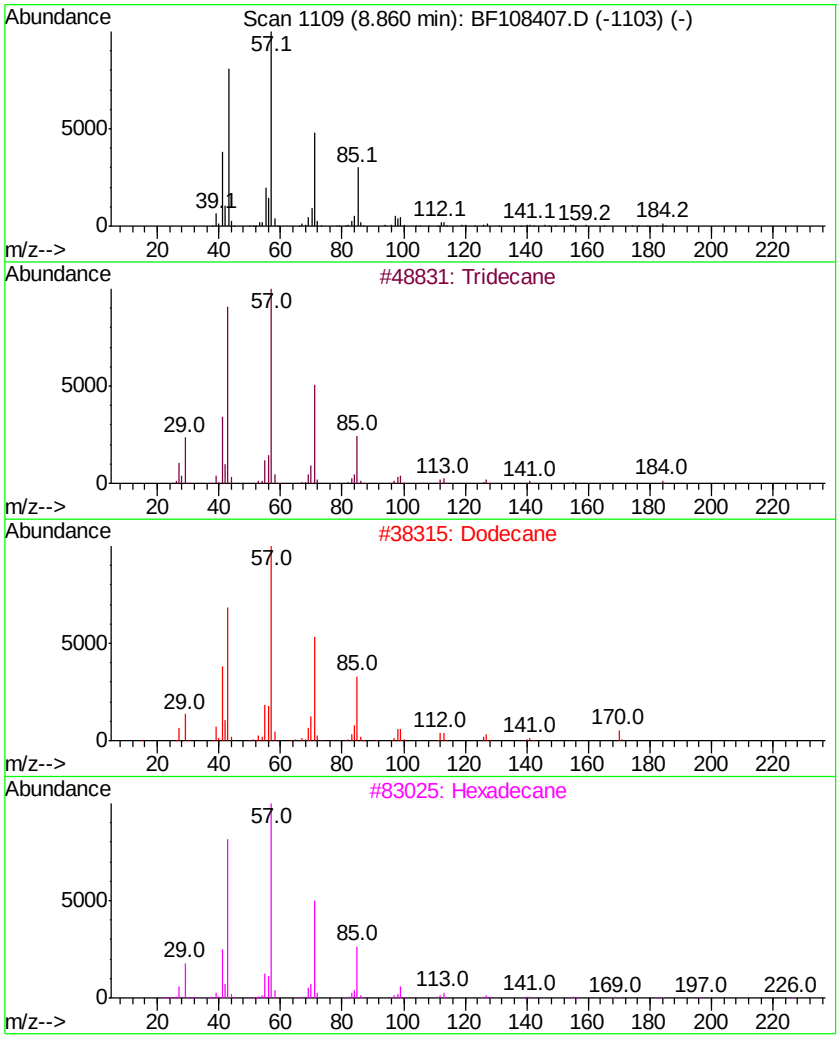
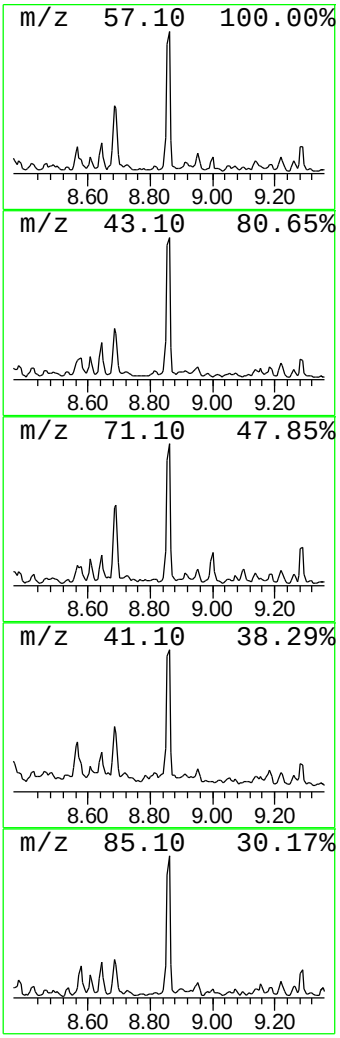
Peak Number 13 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	21.95 ng	1631910	Naphthalene-d8	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Dodecane	170	C12H26	000112-40-3	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	78
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





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Misc :
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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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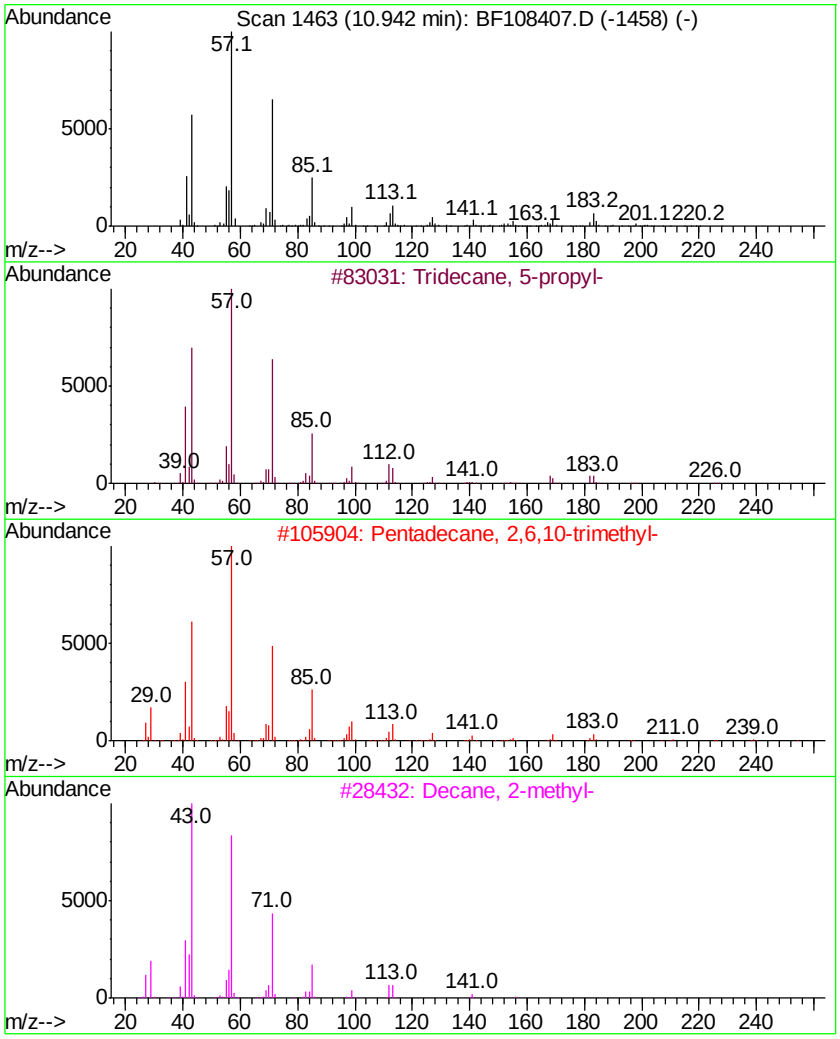
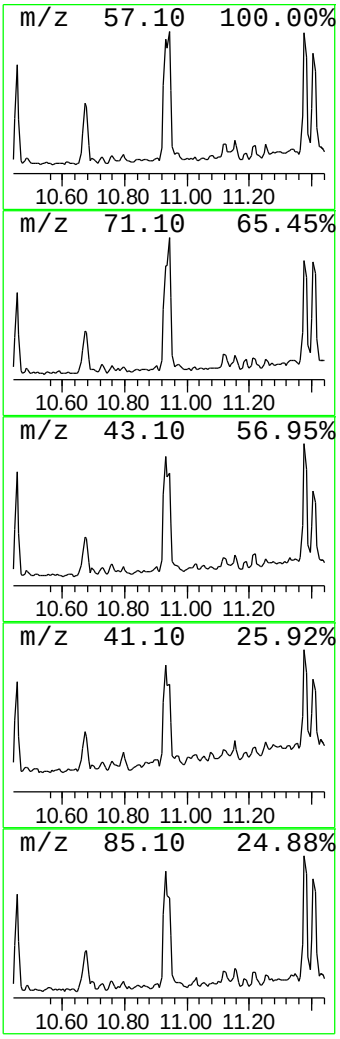
Peak Number 14 Tridecane, 5-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	18.91 ng	864983	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
3	Decane, 2-methyl-	156	C11H24	006975-98-0	81
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64





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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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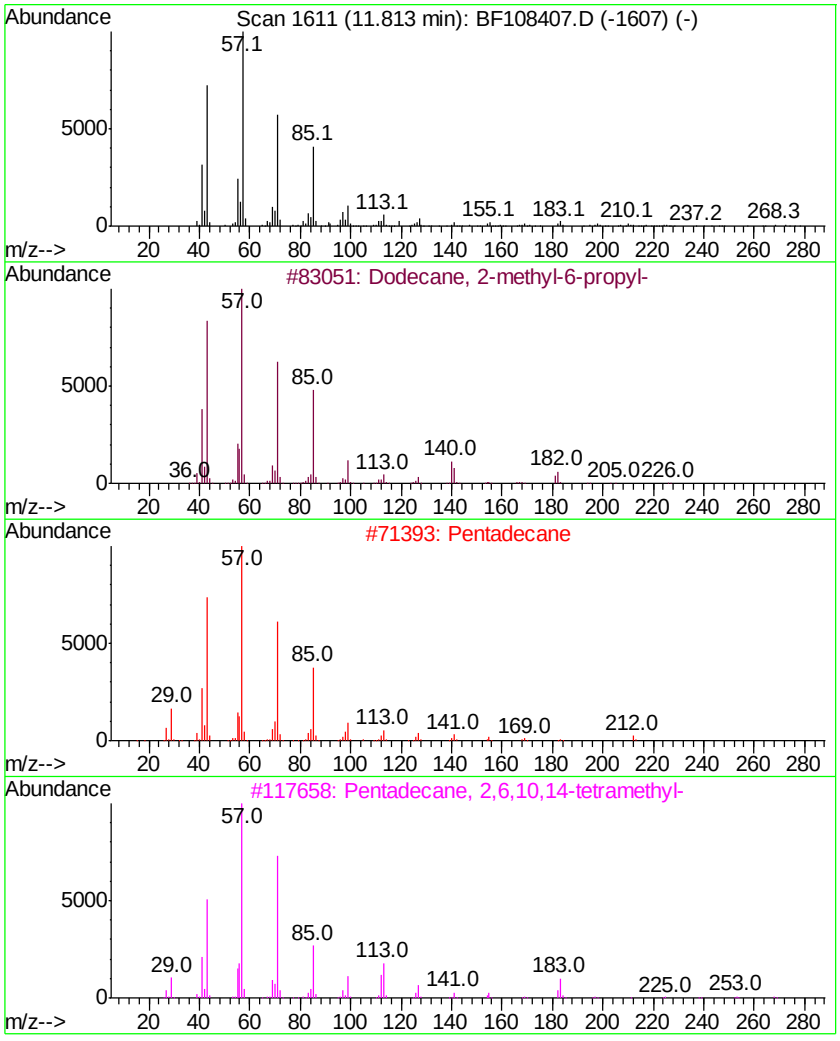
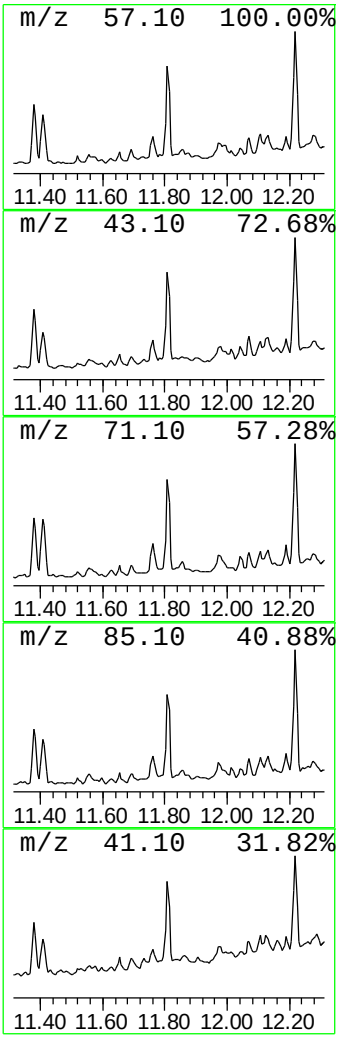
Peak Number 15 Dodecane, 2-methyl-6-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	14.05 ng	642712	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2	Pentadecane	212	C15H32	000629-62-9	93
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
4	Tetradecane	198	C14H30	000629-59-4	90
5	Tetracosane	338	C24H50	000646-31-1	90





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Sample : J4586-02 10X
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ClientSampleId : EP1-240-UST-SLUDGE

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TIC Library : C:\DATABASE\NIST11.L
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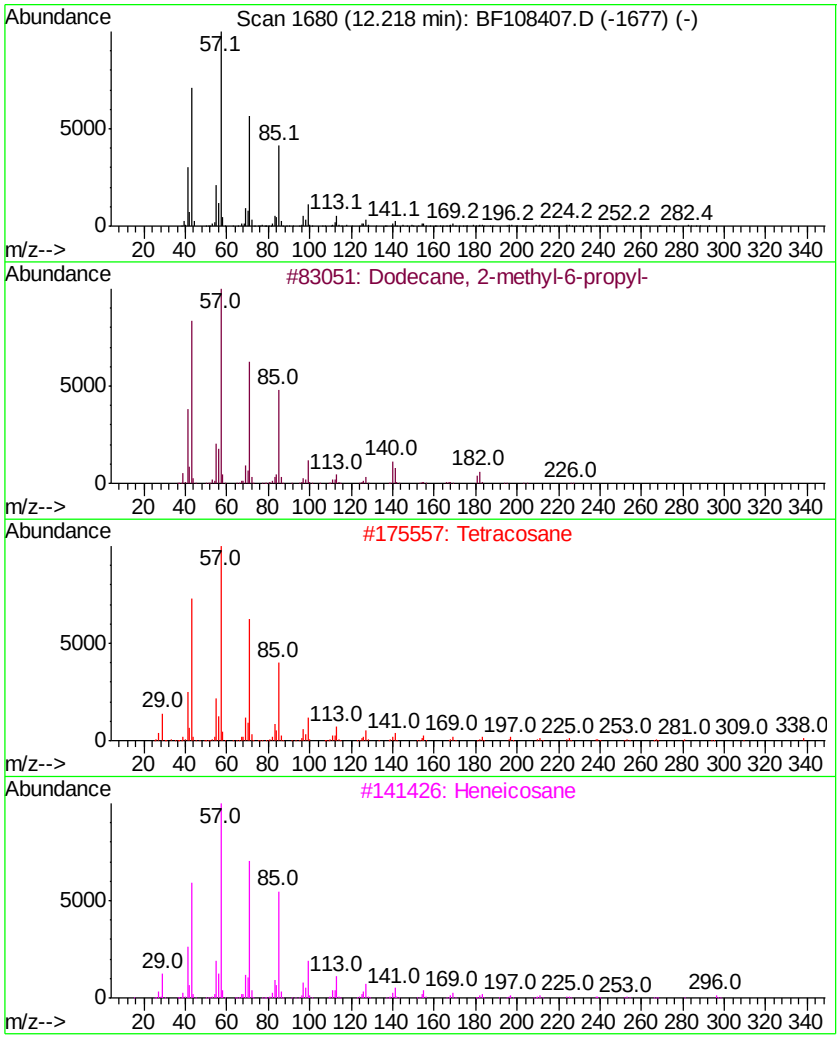
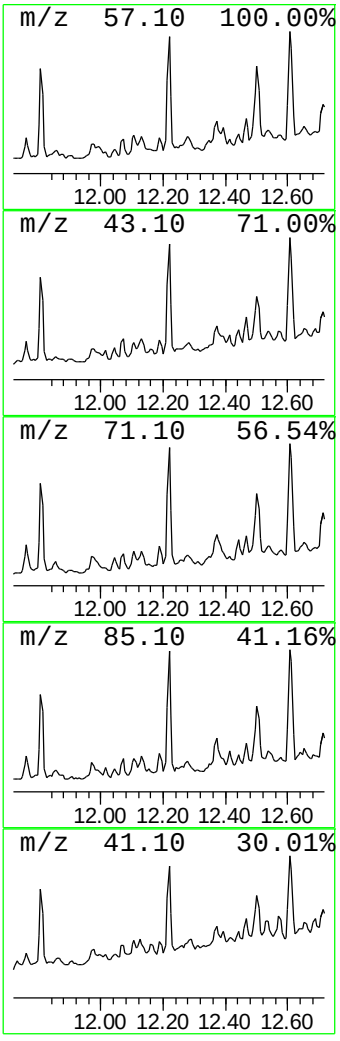
Peak Number 16 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	16.52 ng	755564	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octadecane	254	C18H38	000593-45-3	89
5	Eicosane	282	C20H42	000112-95-8	80





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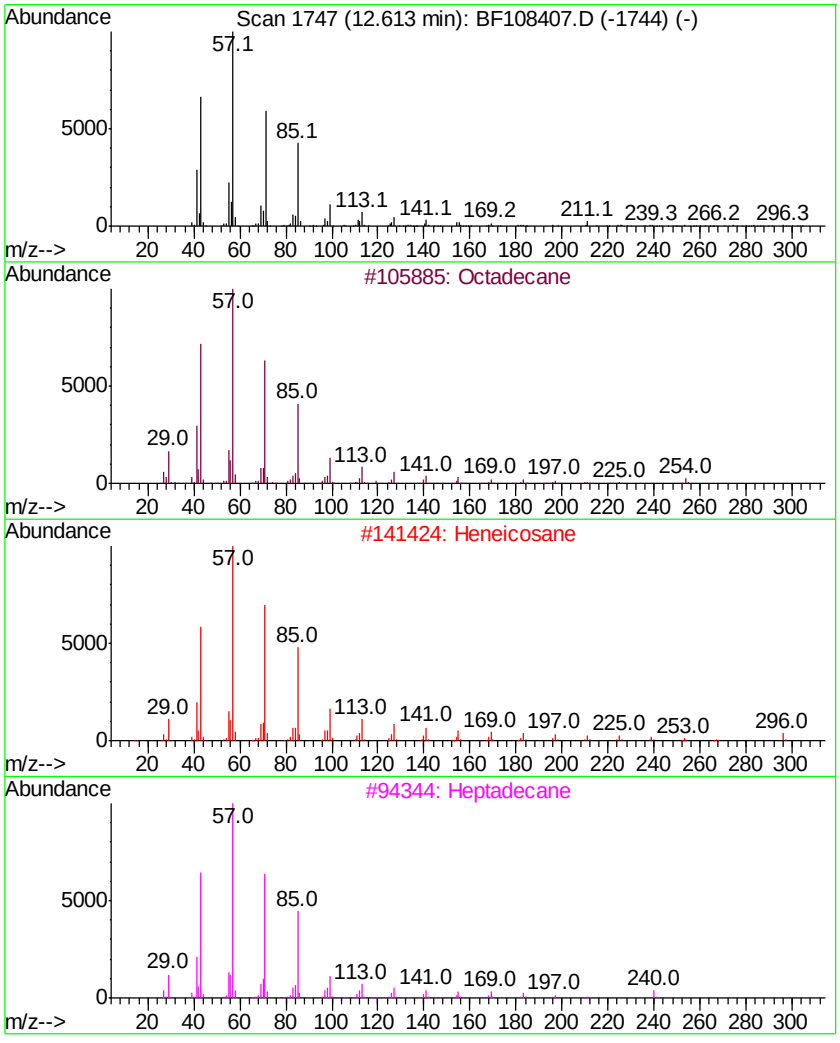
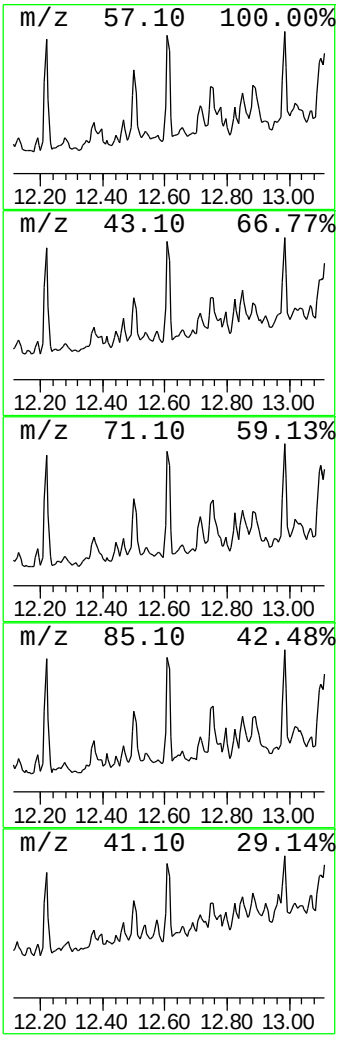
Peak Number 17 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	16.63 ng	760663	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Heneicosane	296	C21H44	000629-94-7	95
3	Heptadecane	240	C17H36	000629-78-7	95
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5	Eicosane	282	C20H42	000112-95-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108407.D
Acq On : 23 Aug 2018 3:59
Operator : JU/SJ
Sample : J4586-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-240-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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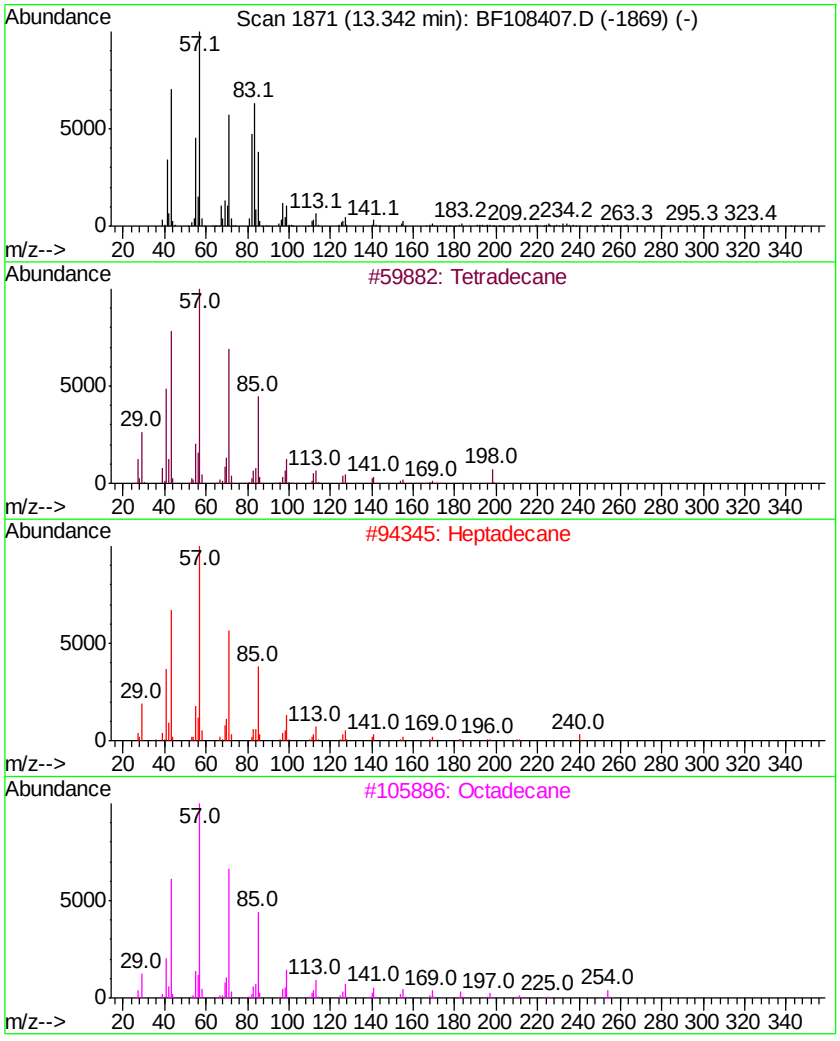
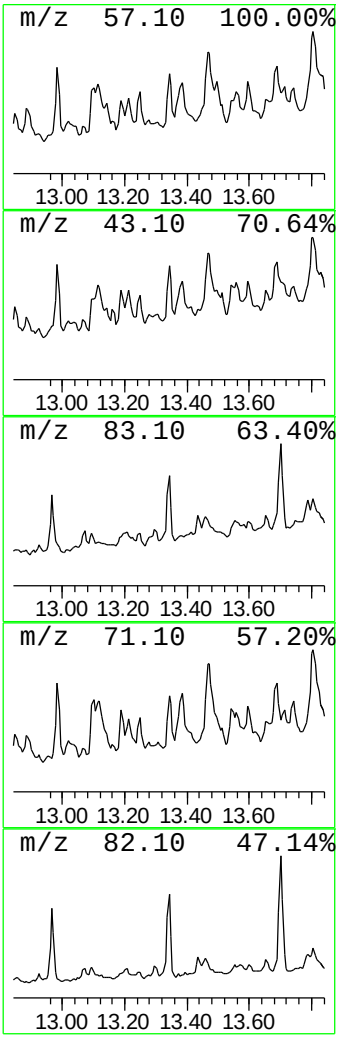
Peak Number 18 Tetratetracontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	14.58 ng	599383	Chrysene-d12	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Heptadecane	240	C17H36	000629-78-7	89
3	Octadecane	254	C18H38	000593-45-3	80
4	Tritetracontane	605	C43H88	007098-21-7	58
5	Tetratetracontane	619	C44H90	007098-22-8	58





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Data File : BF108407.D
Acq On : 23 Aug 2018 3:59
Operator : JU/SJ
Sample : J4586-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-240-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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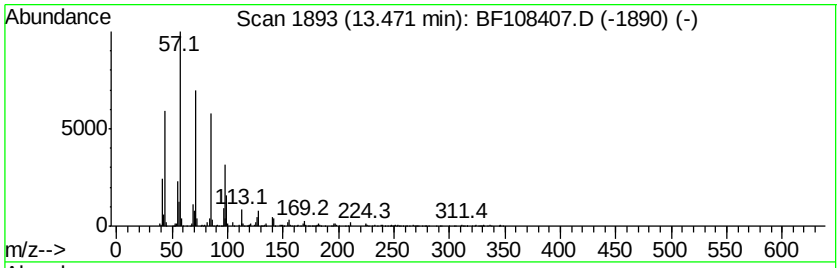
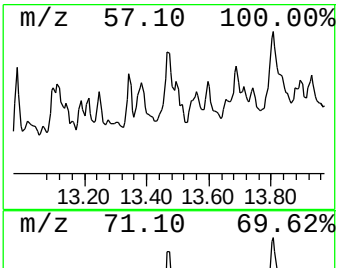
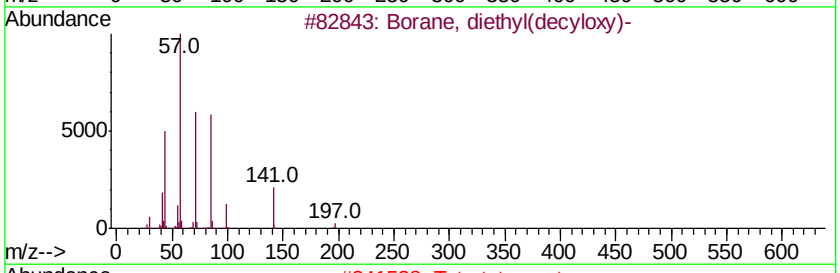
Peak Number 19 Borane, diethyl(decyloxy)- Concentration Rank 2

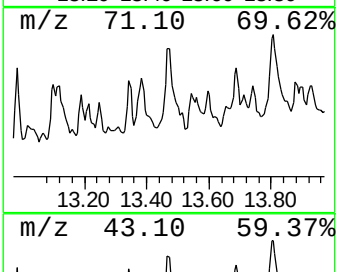
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	42.48 ng	1746700	Chrysene-d12	14.21

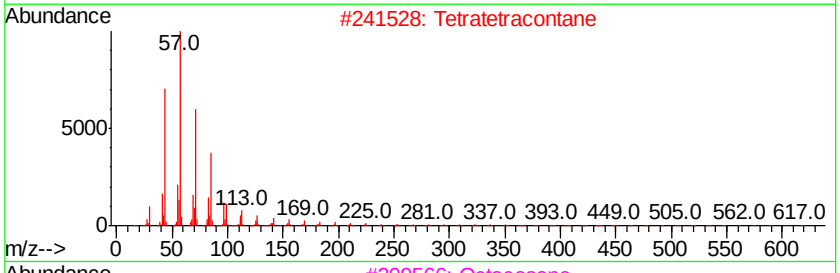
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	64
2	Tetratetracontane	619	C44H90	007098-22-8	58
3	Octacosane	394	C28H58	000630-02-4	58
4	Tetracosane	338	C24H50	000646-31-1	58
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	58

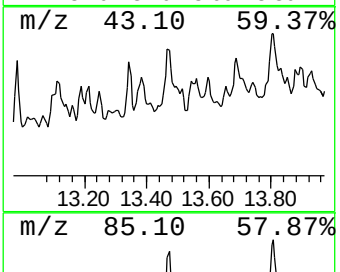


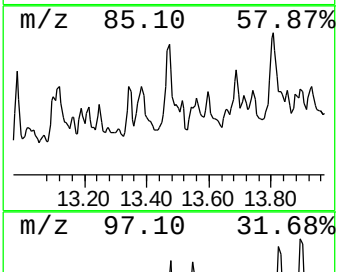


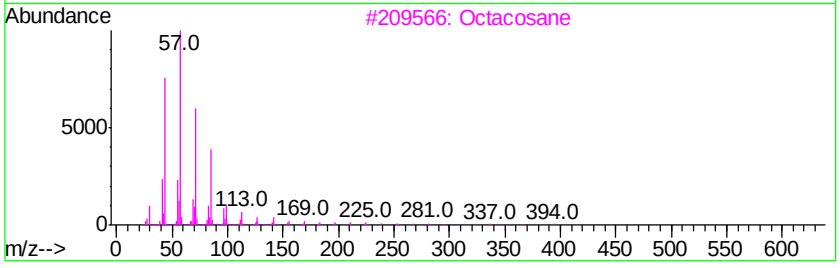


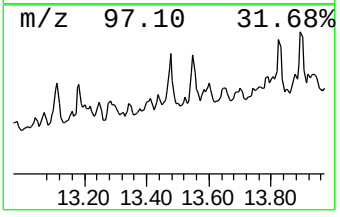












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Data File : BF108407.D
Acq On : 23 Aug 2018 3:59
Operator : JU/SJ
Sample : J4586-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-240-UST-SLUDGE

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

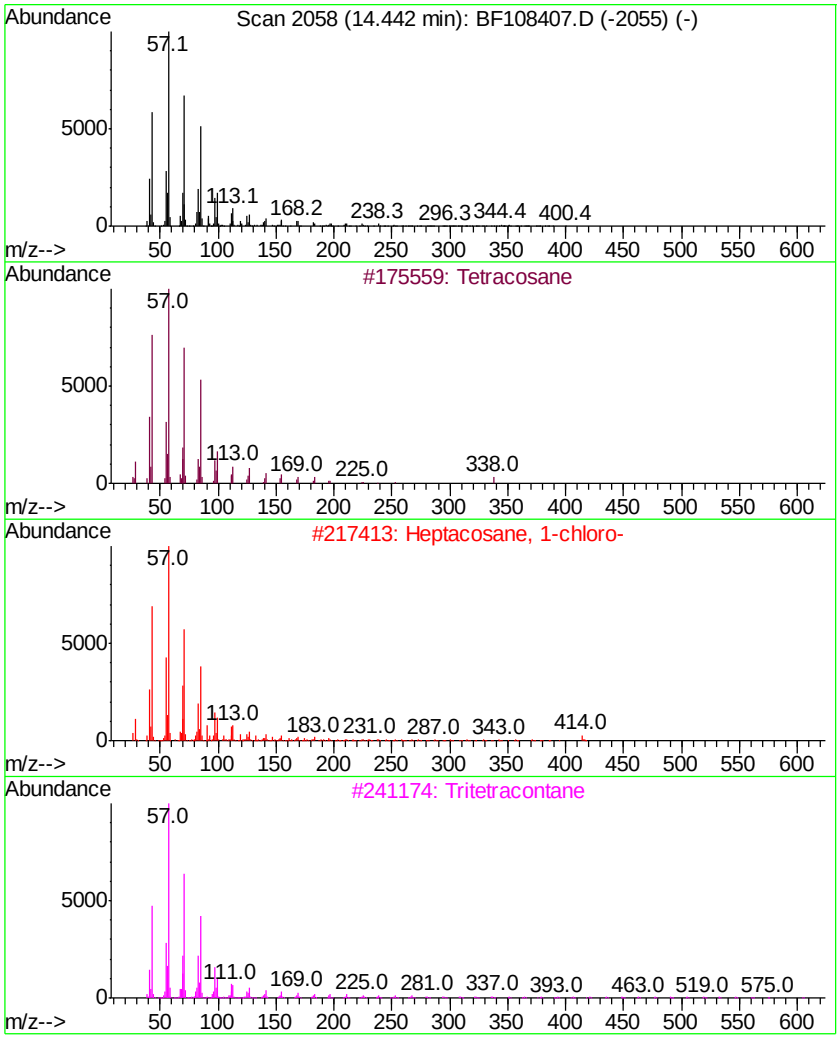
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

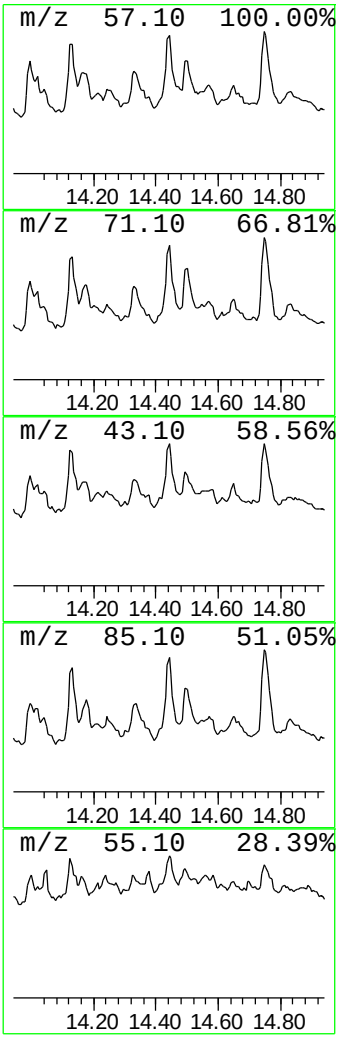
****

Peak Number 20 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	29.11 ng	1197050	Chrysene-d12	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
3	Tritetracontane	605	C43H88	007098-21-7	91
4	Tricosane	324	C23H48	000638-67-5	91
5	2-Methyldocosane	324	C23H48	001560-81-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082218\
Data File : BF108407.D
Acq On : 23 Aug 2018 3:59
Operator : JU/SJ
Sample : J4586-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-240-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
Benzene, 1-ethyl-...	6.52	32.2	ng	1892270	1	7.00	1175760	20.0
Benzene, 1-ethyl-...	6.55	13.0	ng	763976	1	7.00	1175760	20.0
Benzene, 1,2,3-tr...	6.82	68.6	ng	4035090	1	7.00	1175760	20.0
Benzene, 1,2,4-tr...	7.05	18.5	ng	1089980	1	7.00	1175760	20.0
Benzene, 1-methyl...	7.27	21.5	ng	1264060	1	7.00	1175760	20.0
Benzene, 1,4-diet...	7.31	34.6	ng	2035150	1	7.00	1175760	20.0
Benzene, 1,2,3,5-...	7.77	12.8	ng	953825	2	8.28	1486880	20.0
Benzene, 1-ethyl-...	7.79	16.8	ng	1248440	2	8.28	1486880	20.0
1H-Indene, 2,3-di...	7.95	15.7	ng	1164230	2	8.28	1486880	20.0
Benzene, 2-etheny...	8.02	26.4	ng	1963450	2	8.28	1486880	20.0
2-Ethyl-2,3-dihyd...	8.56	14.5	ng	1076280	2	8.28	1486880	20.0
Tridecane	8.86	21.9	ng	1631910	2	8.28	1486880	20.0
Tridecane, 5-propyl-	10.94	18.9	ng	864983	4	11.54	914857	20.0
Dodecane, 2-methy...	11.81	14.1	ng	642712	4	11.54	914857	20.0
Heneicosane	12.22	16.5	ng	755564	4	11.54	914857	20.0
Octadecane	12.61	16.6	ng	760663	4	11.54	914857	20.0
Tetratetracontane	13.34	14.6	ng	599383	5	14.21	822360	20.0
Borane, diethyl(d...	13.47	42.5	ng	1746700	5	14.21	822360	20.0
Tetracosane	14.44	29.1	ng	1197050	5	14.21	822360	20.0