LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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	3.619	213	218	225	rVB	145574	224288	1.68%	0.167%
2	4.048	285	291	302	rBV	936381	1226773	9.16%	0.915%
3	5.654	561	564	574	rVB	219634	325952	2.43%	0.243%
4	6.642	730	732	736	rVV	351225	296668	2.22%	0.221%
5	6.719	739	745	755	rBV	6290908	13387871	100.00%	9.986%
6	6.795	755	758	762	rVV2	1393579	1845596	13.79%	1.377%
7	6.831	762	764	777	rVB3	520174	932914	6.97%	0.696%
8	6.925	777	780	783	rBV	658334	550774	4.11%	0.411%
9	7.013	792	795	801	rVB	2129135	2038655	15.23%	1.521%
10	7.066	801	804	809	rBV2	434144	447250	3.34%	0.334%
11	7.172	809	822	825	rBV	1094849	2163262	16.16%	1.614%
12	7.325	846	848	853	rBV3	177319	231245	1.73%	0.172%
13	7.401	859	861	870	rVB5	286688	418651	3.13%	0.312%
14	7.542	882	885	887	rVB3	317021	255146	1.91%	0.190%
15	7.572	887	890	893	rBV2	600139	552206	4.12%	0.412%
16	7.778	921	925	927	rBV2	282016	260399	1.95%	0.194%
17	7.801	927	929	931	rBV	280768	235461	1.76%	0.176%
18	7.907	943	947	949	rVB3	270952	252101	1.88%	0.188%
19	7.942	949	953	955	rBV4	256192	306464	2.29%	0.229%
20	8.031	963	968	971	rVB2	896754	1013735	7.57%	0.756%
21	8.136	983	986	988	rVB	339292	234333	1.75%	0.175%
22	8.242	998	1004	1006	rBV4	238558	422114	3.15%	0.315%
23	8.301	1006	1014	1018	rVV	2809790	3389841	25.32%	2.529%
24	8.342	1018	1021	1024	rVB	803519	710505	5.31%	0.530%
25	8.378	1024	1027	1031	rBV4	396027	529347	3.95%	0.395%
26	8.419	1031	1034	1037	rBV2	456939	402153	3.00%	0.300%
27	8.495	1044	1047	1051	rBV2	382630	556900	4.16%	0.415%
28	8.542	1051	1055	1056	rVV2	696541	922377	6.89%	0.688%
29	8.584	1057	1062	1063	rVV3	1770060	2910165	21.74%	2.171%
30	8.601	1063	1065	1067	rVV	2053876	1621993	12.12%	1.210%
31	8.660	1071	1075	1077	rVV4	605553	648870	4.85%	0.484%
32	8.678	1077	1078	1080	rVV2	337477	242788	1.81%	0.181%
33	8.707	1080	1083	1085	rVV	841816	696000	5.20%	0.519%
34	8.754	1089	1091	1097	rVB4	772688	937169	7.00%	0.699%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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	8.801	1097	1099	1101	rBV	874867	611409	4.57%	0.456%
36	8.854	1106	1108	1110	rVV	302674	300488	2.24%	0.224%
37	8.878	1110	1112	1117	rVB2	571368	789776	5.90%	0.589%
38	8.960	1123	1126	1128	rBV	408522	404233	3.02%	0.302%
39	8.989	1128	1131	1134	rVB2	792391	762712	5.70%	0.569%
40	9.042	1138	1140	1143	rVB3	284055	240104	1.79%	0.179%
41	9.113	1147	1152	1155	rBV3	1159138	1595433	11.92%	1.190%
42	9.183	1155	1164	1165	rBV4	1850744	3966383	29.63%	2.959%
43	9.283	1178	1181	1184	rBV2	1139129	1318077	9.85%	0.983%
44	9.307	1184	1185	1188	rVV2	923188	624760	4.67%	0.466%
45	9.342	1188	1191	1193	rVV2	805321	736685	5.50%	0.550%
46	9.372	1194	1196	1198	rVB	1014984	691138	5.16%	0.516%
47	9.442	1204	1208	1211	rBV	2162000	2386206	17.82%	1.780%
48	9.472	1211	1213	1217	rVB	1233442	973653	7.27%	0.726%
49	9.525	1220	1222	1224	rVB3	436825	345939	2.58%	0.258%
50	9.560	1224	1228	1232	rVB4	741245	846320	6.32%	0.631%
51	9.619	1232	1238	1240	rBV3	806972	1679639	12.55%	1.253%
52	9.713	1249	1254	1258	rBV5	2935842	5083459	37.97%	3.792%
53	9.766	1261	1263	1270	rVB2	2003072	2474651	18.48%	1.846%
54	9.830	1270	1274	1279	rBV4	1614772	2530603	18.90%	1.888%
55	9.872	1279	1281	1282	rBV2	432437	376157	2.81%	0.281%
56	9.889	1282	1284	1286	rVV2	1043515	812956	6.07%	0.606%
57	9.925	1287	1290	1292	rVV	1239607	1353138	10.11%	1.009%
58	9.978	1296	1299	1300	rBV	1601361	1247449	9.32%	0.930%
59	10.001	1300	1303	1310	rVB5	2304751	3684154	27.52%	2.748%
60	10.066	1311	1314	1322	rVB2	3943062	5818797	43.46%	4.340%
61	10.136	1322	1326	1329	rBV	1950911	2109680	15.76%	1.574%
62	10.178	1329	1333	1338	rVV3	1957920	3117585	23.29%	2.325%
63	10.236	1341	1343	1345	rVV2	992624	1116727	8.34%	0.833%
64	10.260	1345	1347	1350	rVB3	1073621	964200	7.20%	0.719%
65	10.301	1351	1354	1358	rVB3	1653584	1799652	13.44%	1.342%
66	10.336	1358	1360	1363	rVB3	367927	417998	3.12%	0.312%
67	10.378	1363	1367	1371	rBV5	958091	1584731	11.84%	1.182%
68	10.419	1371	1374	1378	rVB3	1478943	1803149	13.47%	1.345%
69	10.454	1378	1380	1382	rBV3	678688	627125	4.68%	0.468%
70	10.477	1382	1384	1387	rVB	1230827	991825	7.41%	0.740%
71	10.507	1387	1389	1393	rVB2	1008716	886178	6.62%	0.661%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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	10.560	1393	1398	1402	rBV3	2122043	3026822	22.61%	2.258%
73	10.595	1402	1404	1407	rBV4	298099	309198	2.31%	0.231%
74	10.630	1407	1410	1414	rVV5	894171	1084232	8.10%	0.809%
75	10.672	1414	1417	1419	rVV	1360105	1501670	11.22%	1.120%
76	10.701	1419	1422	1424	rVV	1228893	1314411	9.82%	0.980%
77	10.754	1428	1431	1433	rBV4	336719	341196	2.55%	0.255%
78	10.848	1444	1447	1452	rVB3	1204915	1386199	10.35%	1.034%
79	10.895	1452	1455	1457	rVB2	763635	619420	4.63%	0.462%
80	10.966	1463	1467	1471	rVB	1594922	2226648	16.63%	1.661%
81	11.025	1471	1477	1480	rBV3	1819642	2526376	18.87%	1.884%
82	11.095	1484	1489	1492	rBV2	1103737	1383095	10.33%	1.032%
83	11.254	1512	1516	1518	rBV4	556677	754527	5.64%	0.563%
84	11.283	1518	1521	1529	rVB5	1049542	1434285	10.71%	1.070%
85	11.401	1539	1541	1544	rVB	675850	581665	4.34%	0.434%
86	11.436	1544	1547	1550	rBV2	1016591	1053082	7.87%	0.786%
87	11.489	1551	1556	1558	rBV	1934413	2612781	19.52%	1.949%
88	11.513	1558	1560	1566	rVB3	1160850	1624065	12.13%	1.211%
89	11.560	1566	1568	1571	rBV	1994748	1838814	13.73%	1.372%
90	11.677	1586	1588	1592	rVB	612091	581603	4.34%	0.434%
91	11.830	1612	1614	1616	rBV	631838	441978	3.30%	0.330%
92	11.954	1630	1635	1640	rBV	2244375	2858895	21.35%	2.133%
93	12.072	1652	1655	1657	rBV2	282052	303164	2.26%	0.226%
94	12.242	1681	1684	1686	rBV	555912	473855	3.54%	0.353%
95	12.295	1690	1693	1697	rVV	445236	437126	3.27%	0.326%
96	12.630	1745	1750	1753	rBV2	391796	437399	3.27%	0.326%
97	13.001	1811	1813	1816	rBV	260404	246604	1.84%	0.184%
98	13.148	1834	1838	1842	rVB	823432	819534	6.12%	0.611%
99	14.213	2016	2019	2023	rBV	2045286	1769885	13.22%	1.320%
100	15.777	2280	2285	2293	rVB	1273424	1810923	13.53%	1.351%

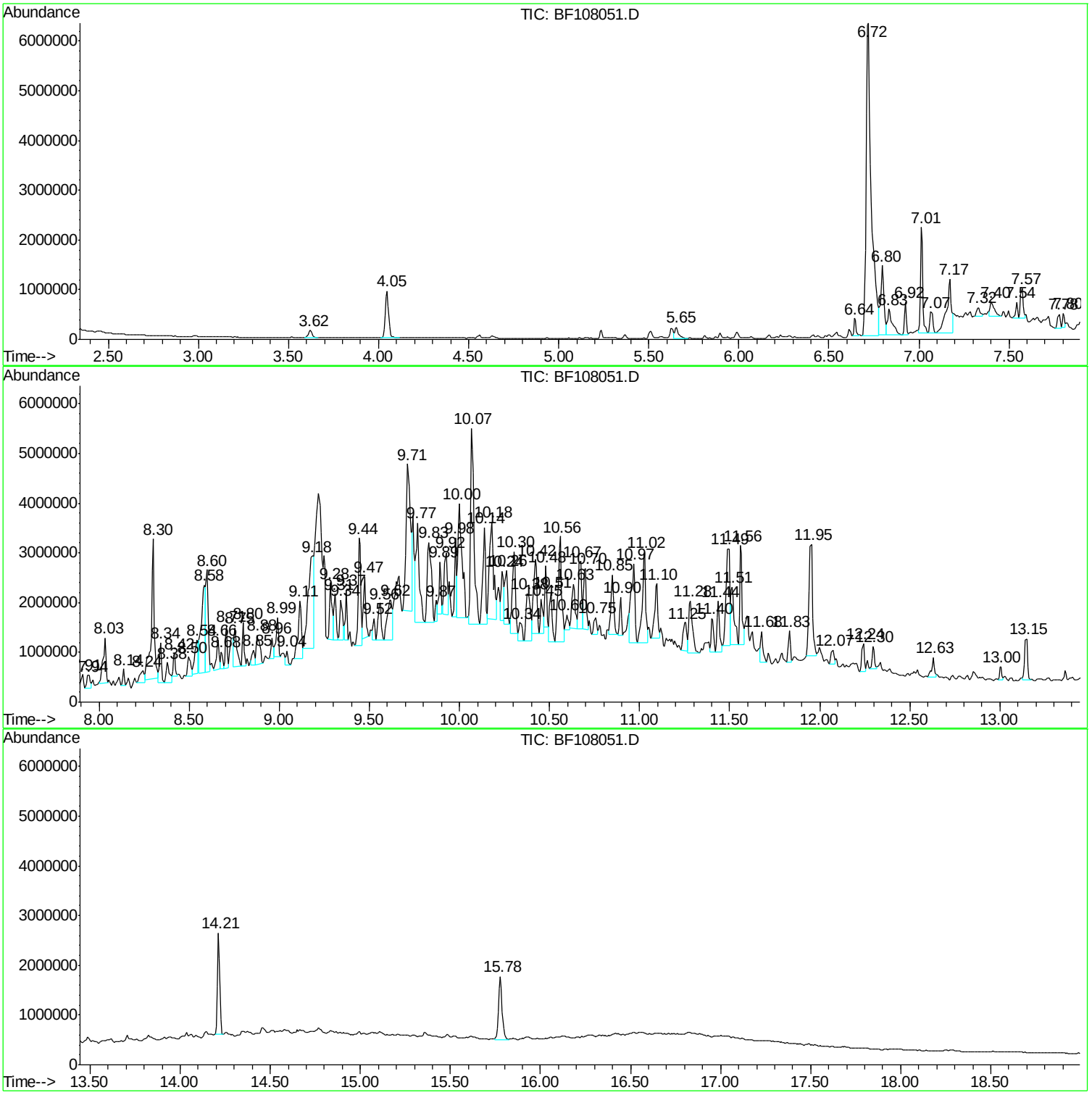
Sum of corrected areas: 134062587

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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

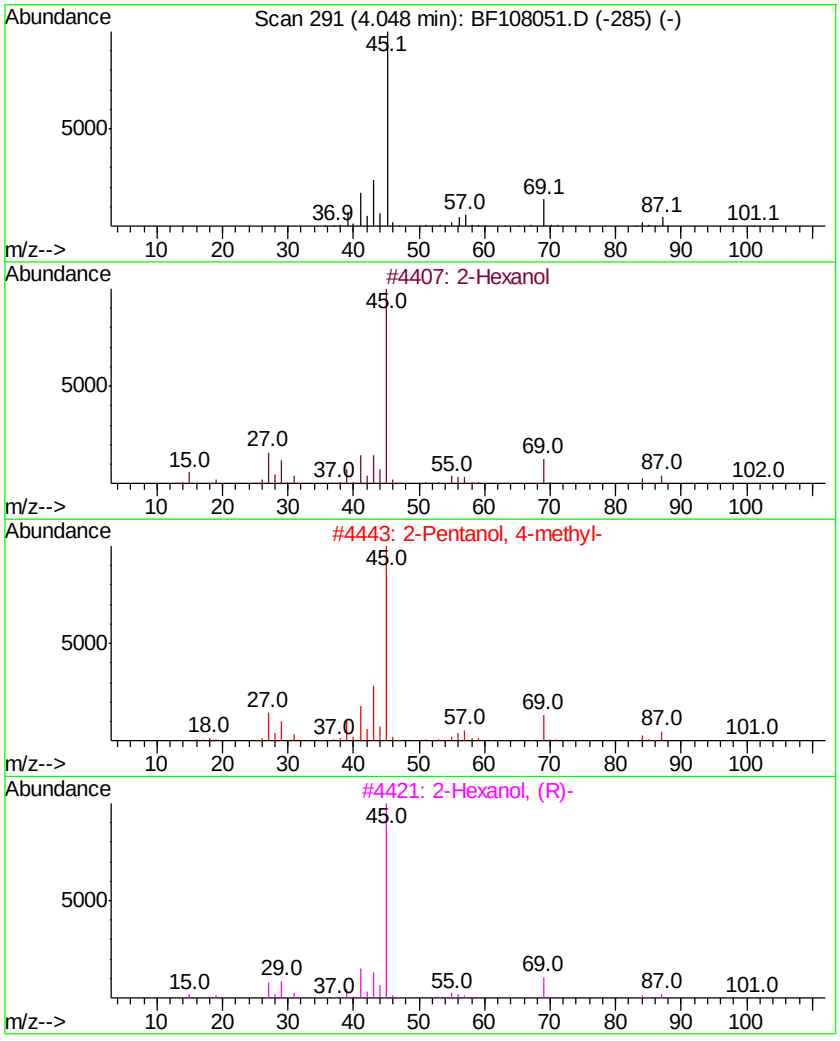
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

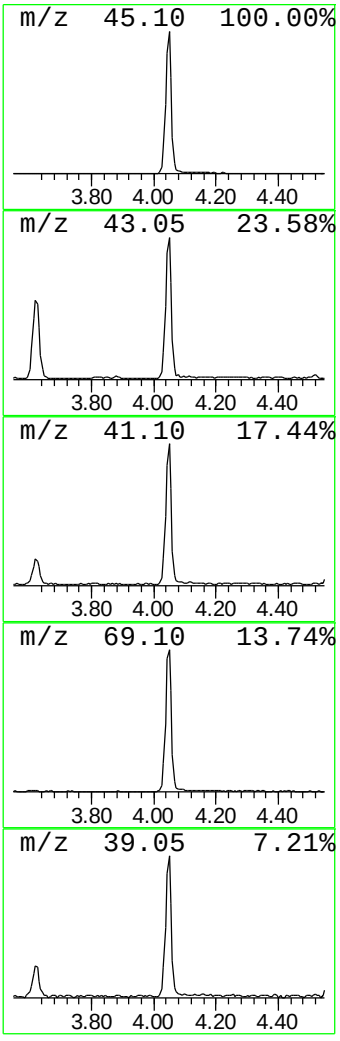
****

Peak Number 1 2-Hexanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.05	12.04 ng	1226770	1,4-Dichlorobenzene-d4	7.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	83
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
3	2-Hexanol, (R)-	102	C6H14O	026549-24-6	78
4	2-Hexanol, (S)-	102	C6H14O	052019-78-0	64
5	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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

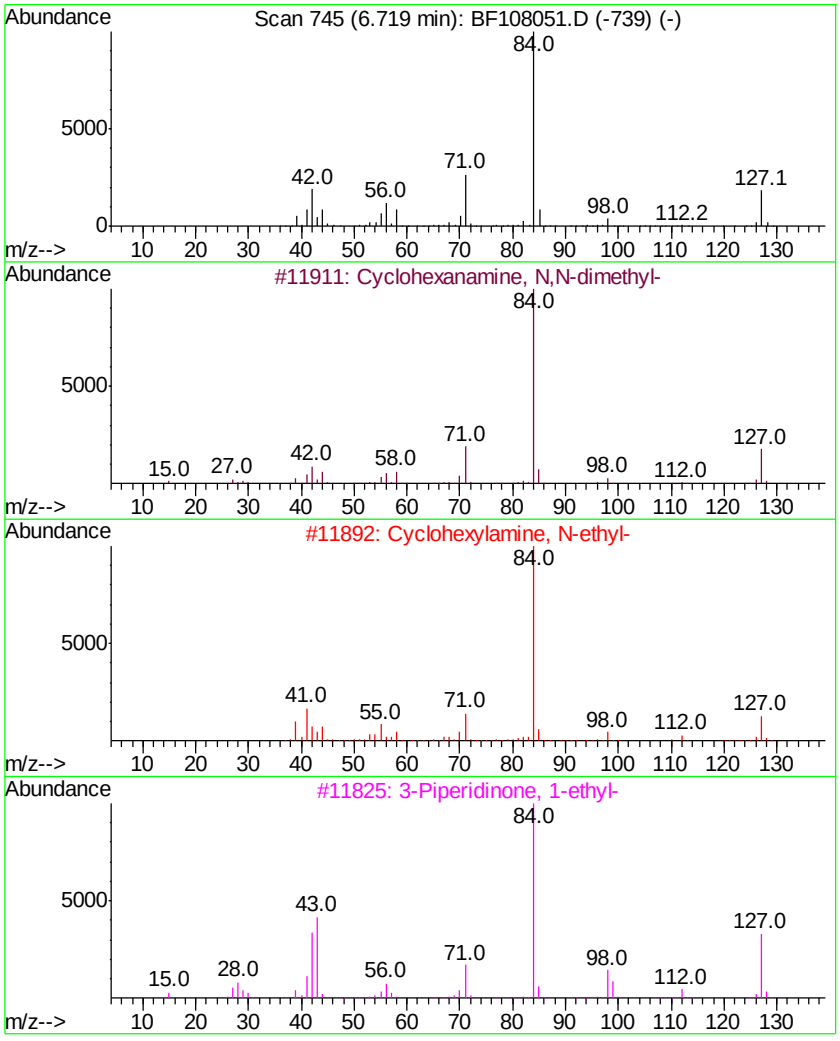
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

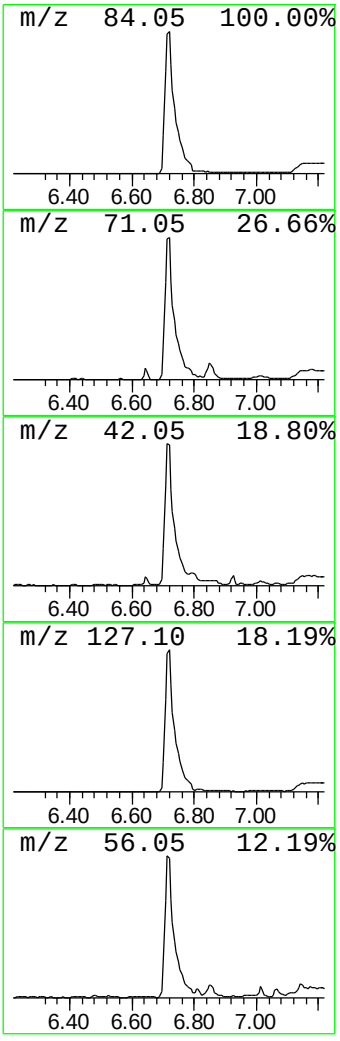
****

Peak Number 2 Cyclohexanamine, N,N-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	131.34 ng	13387900	1,4-Dichlorobenzene-d4	7.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanamine, N,N-dimethyl-	127	C8H17N	000098-94-2	91
2	Cyclohexylamine, N-ethyl-	127	C8H17N	005459-93-8	59
3	3-Piperidinone, 1-ethyl-	127	C7H13NO	043152-93-8	56
4	1-Butylpyrrolidine	127	C8H17N	000767-10-2	53
5	2-Methyl[1,3,4]oxadiazole	84	C3H4N2O	003451-51-2	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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

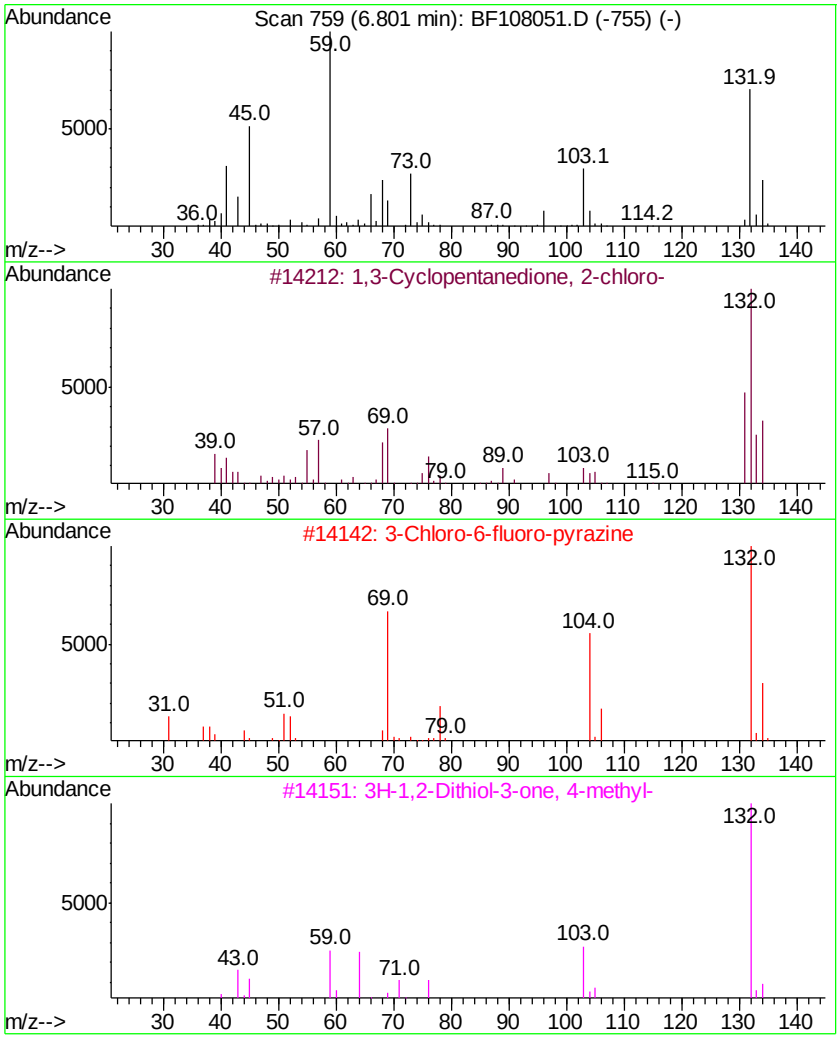
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

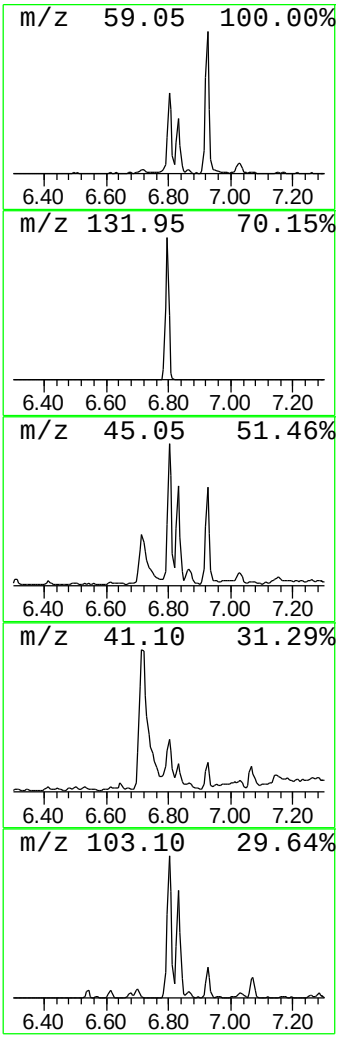
****

Peak Number 3 unknown6.80 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	18.11 ng	1845600	1,4-Dichlorobenzene-d4	7.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	22
3	3H-1,2-Dithiol-3-one, 4-methyl-	132	C4H4OS2	003620-10-8	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	14
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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

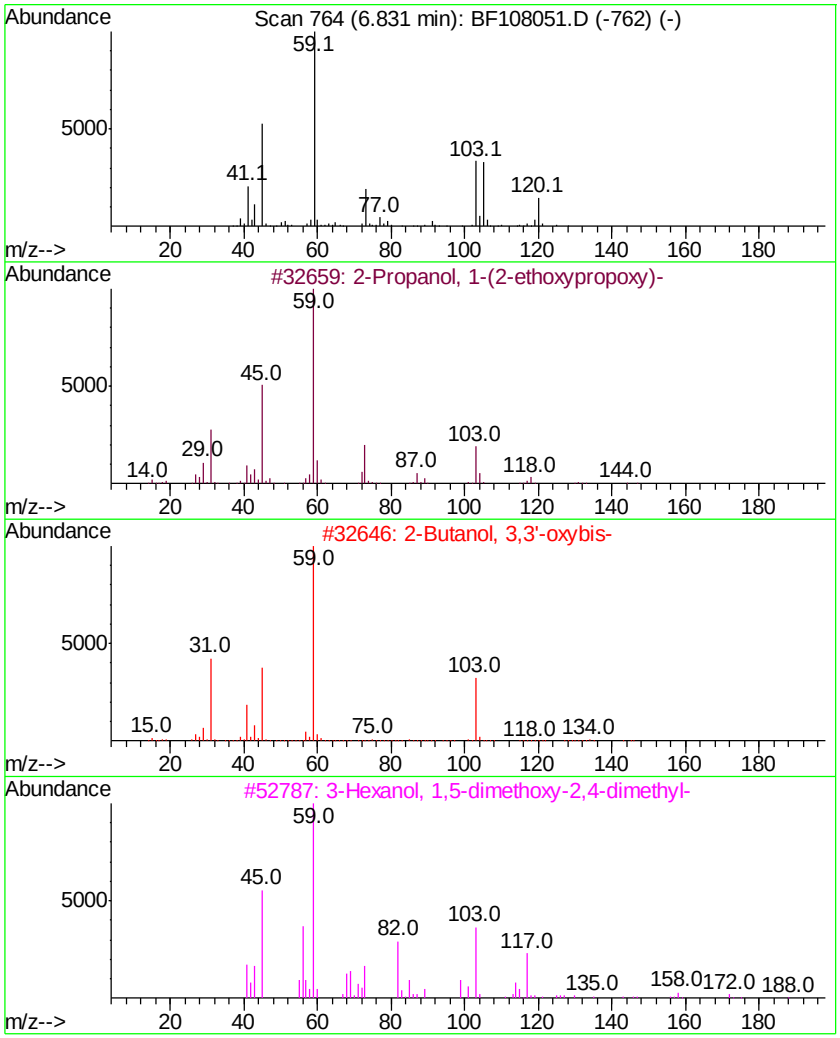
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

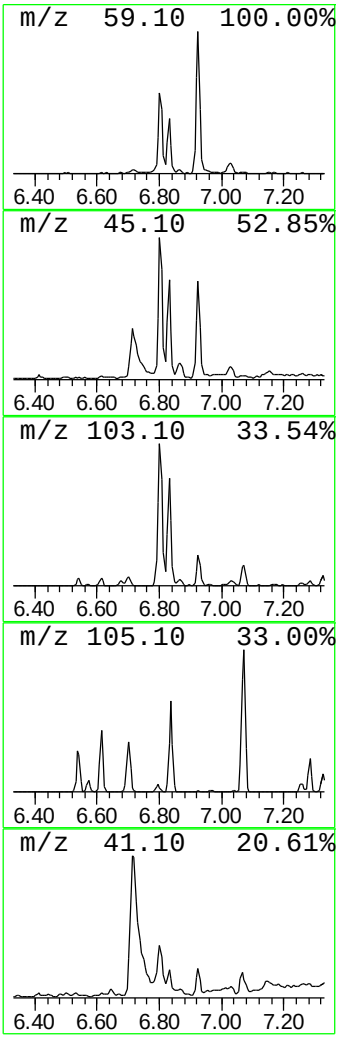
****

Peak Number 4 2-Propanol, 1-(2-ethoxyprop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	9.15 ng	932914	1,4-Dichlorobenzene-d4	7.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	59
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	53
3	3-Hexanol, 1,5-dimethoxy-2,4-dim...	190	C10H22O3	013897-22-8	39
4	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	38
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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

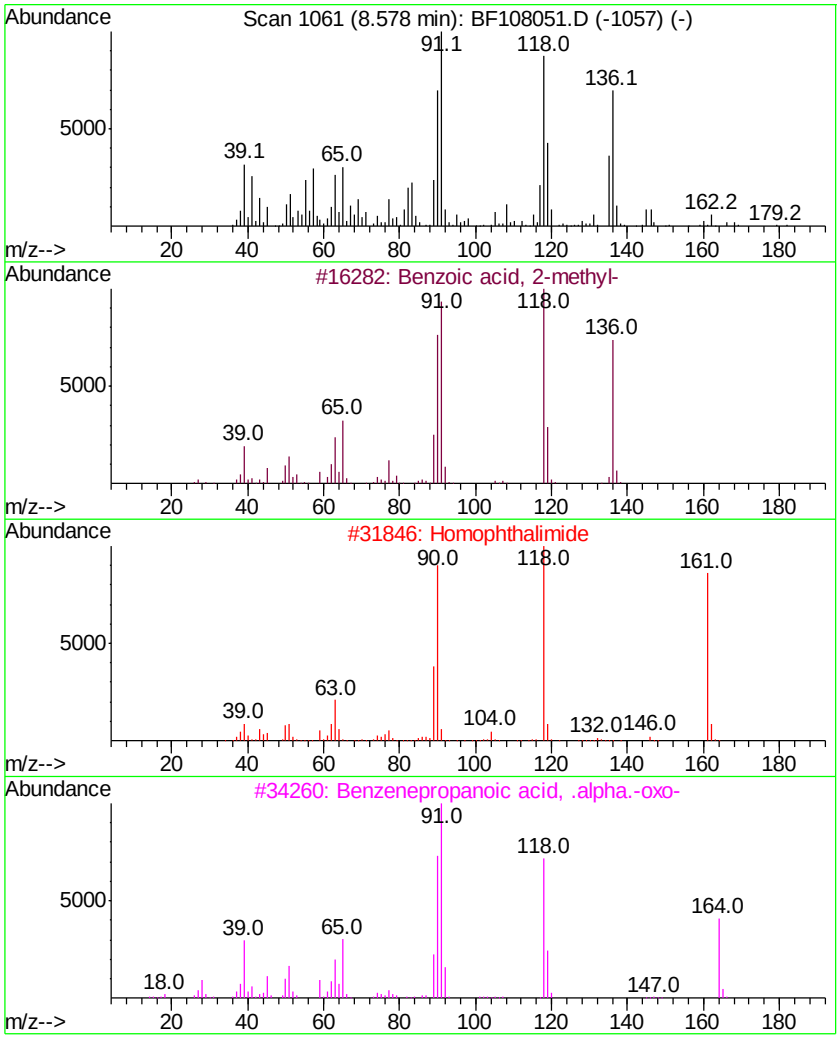
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

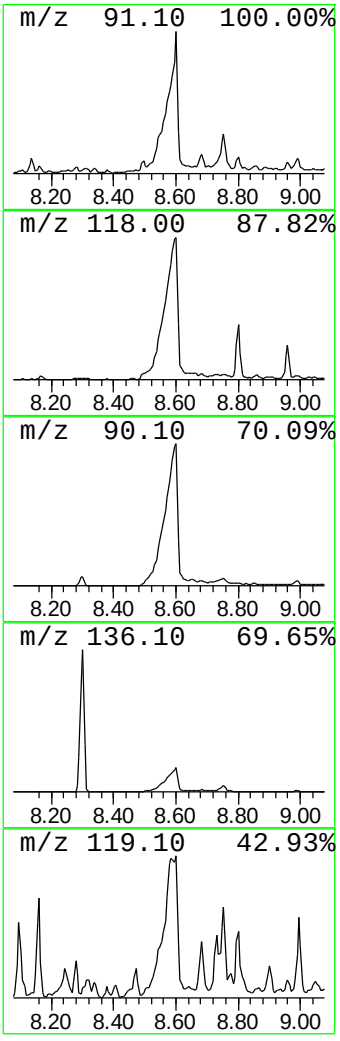
****

Peak Number 6 Benzoic acid, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	17.17 ng	2910170	Naphthalene-d8	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-methyl-	136	C8H8O2	000118-90-1	97
2	Homophthalimide	161	C9H7NO2	004456-77-3	64
3	Benzenepropanoic acid, .alpha.-oxo-	164	C9H8O3	000156-06-9	64
4	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	59
5	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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

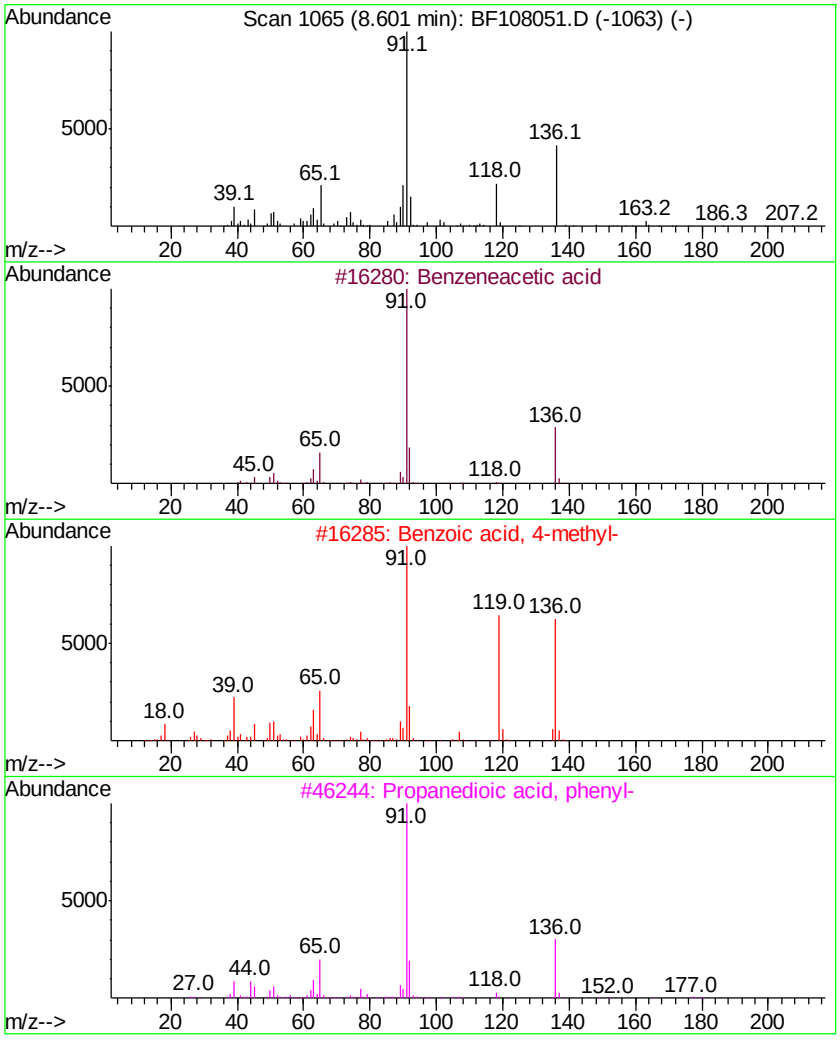
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

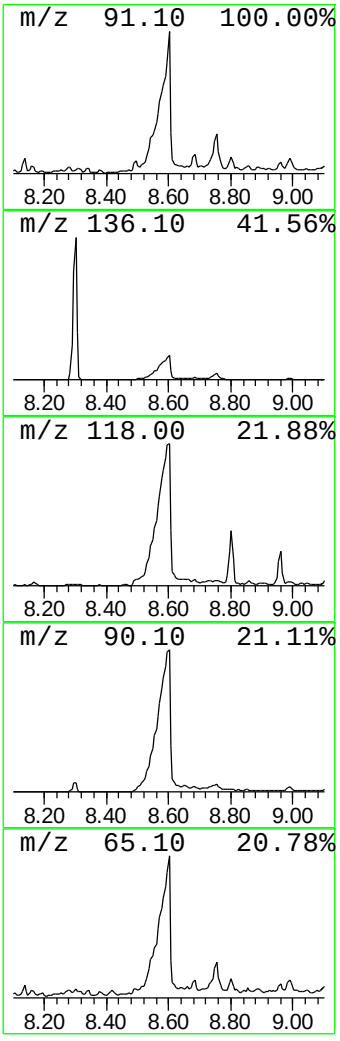
****

Peak Number 7 Benzeneacetic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	9.57 ng	1621990	Naphthalene-d8	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	70
2	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	52
3	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	47
4	Benzeneacetic acid, hydrazide	150	C8H10N2O	000937-39-3	43
5	Benzene, (bromomethyl)-	170	C7H7Br	000100-39-0	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

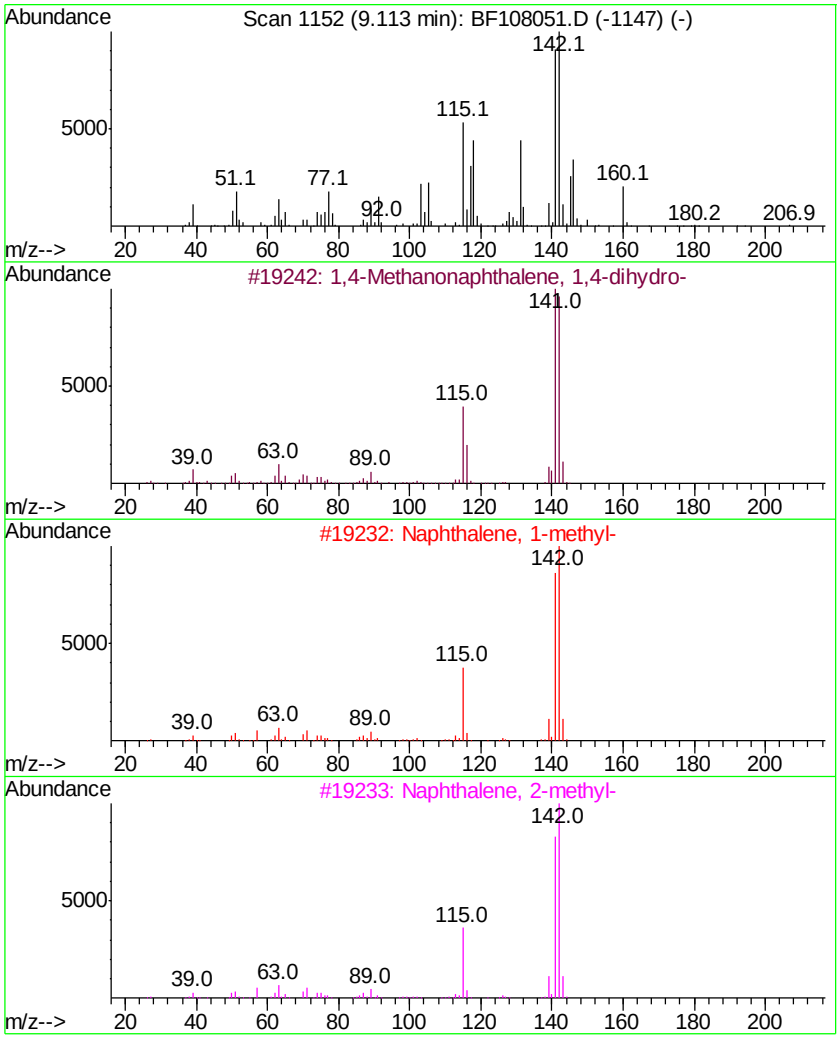
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

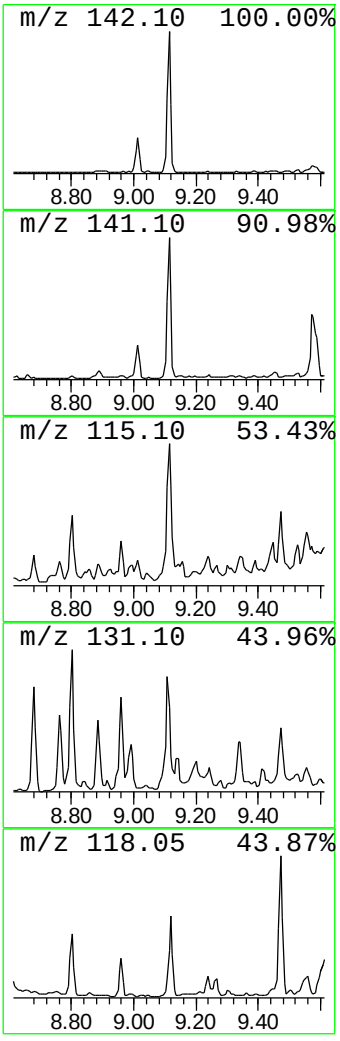
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,4-Methanonaphthalene, 1,4... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	9.41 ng	1595430	Naphthalene-d8	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	50
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	50
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	46
4	Benzocycloheptatriene	142	C11H10	000264-09-5	41
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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

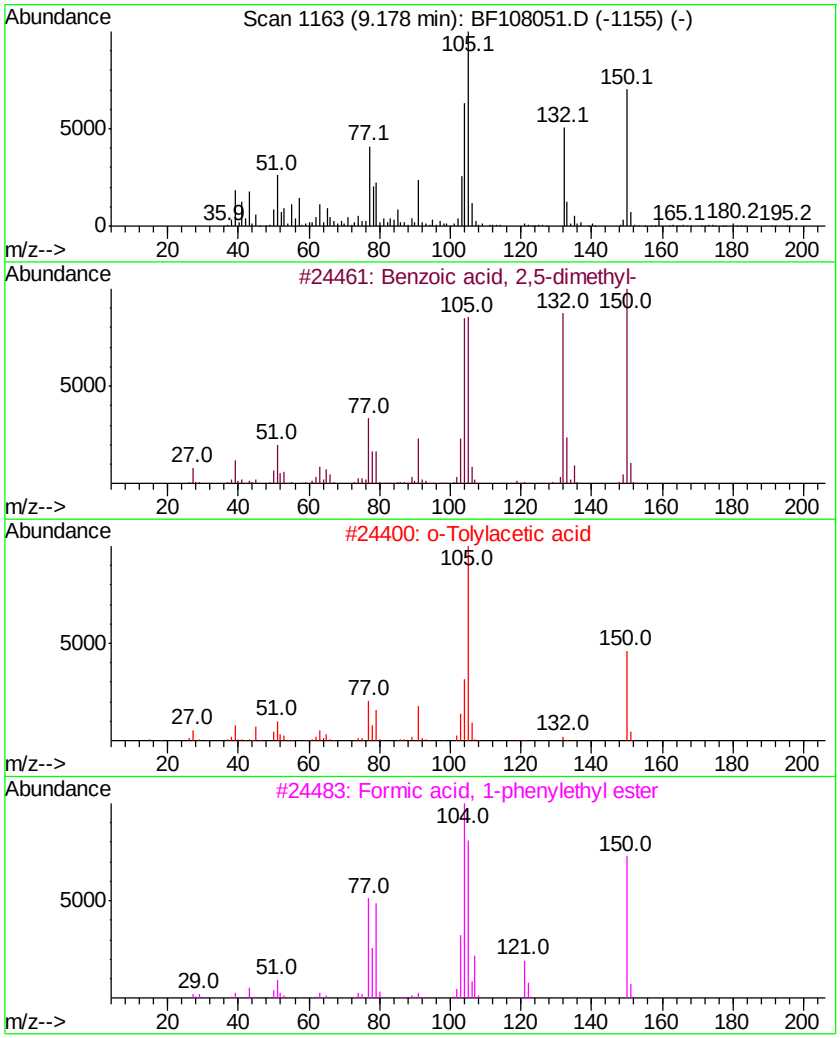
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

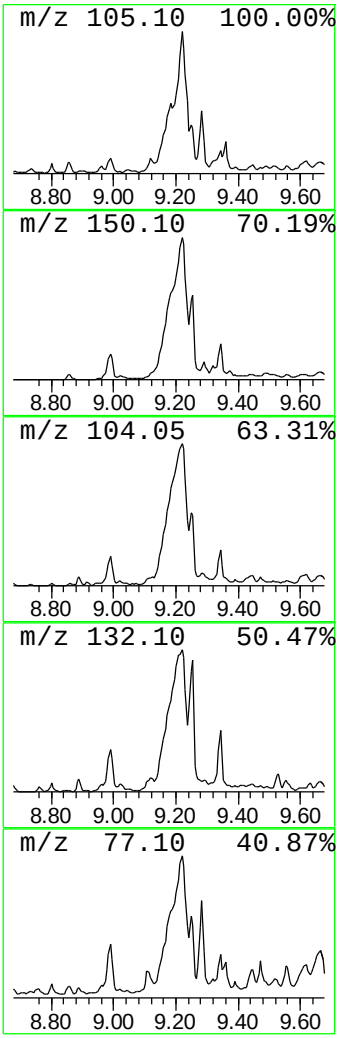
****

Peak Number 9 Benzoic acid, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	13.63 ng	3966380	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	95
2	o-Tolylacetic acid	150	C9H10O2	000644-36-0	64
3	Formic acid, 1-phenylethyl ester	150	C9H10O2	1000368-94-1	62
4	Formic acid, (4-methylphenyl)met...	150	C9H10O2	1000368-93-7	62
5	Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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

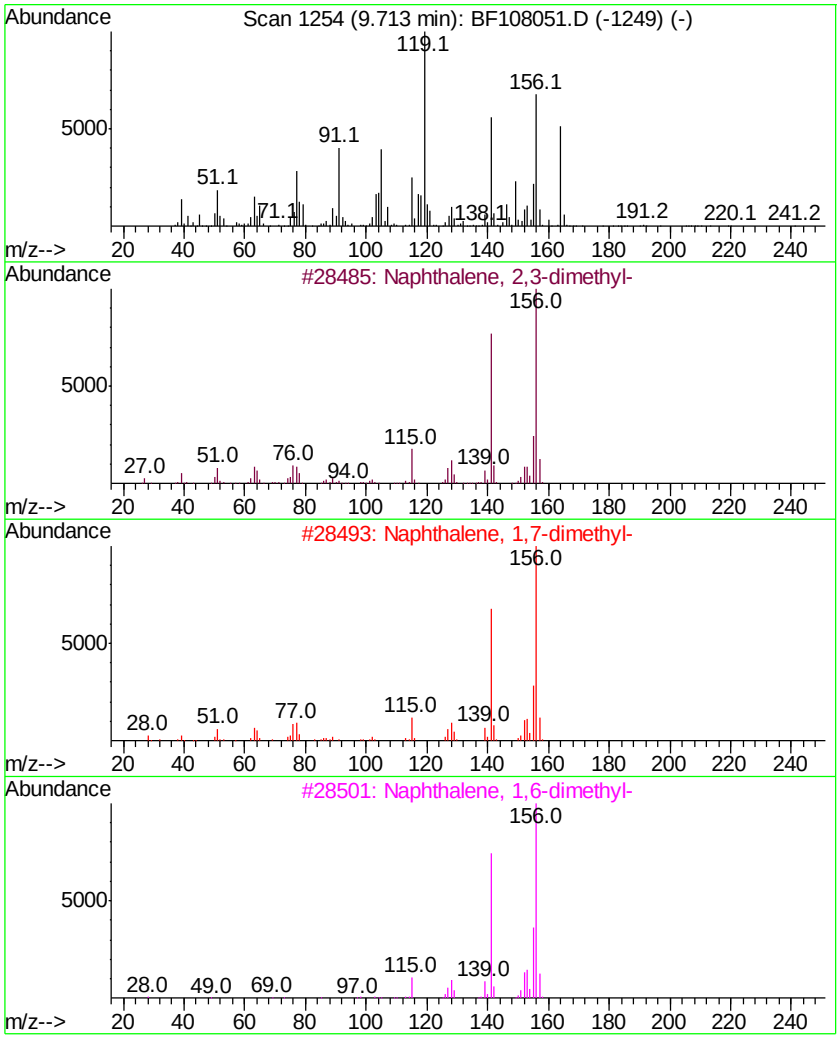
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

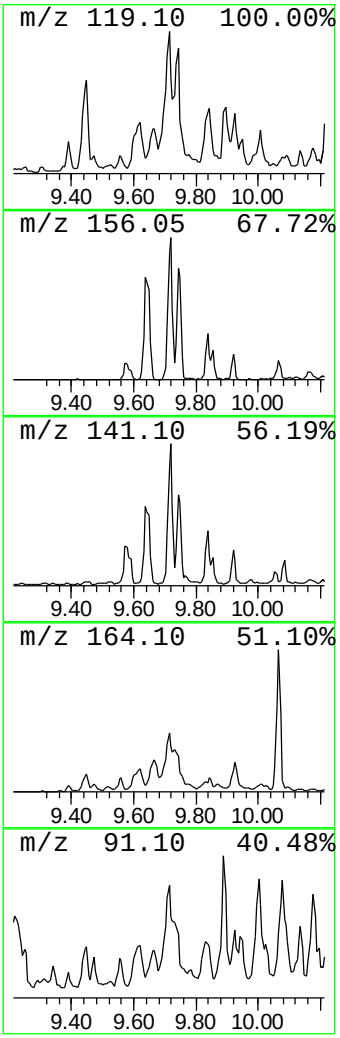
****

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	17.47 ng	5083460	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	86
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	86
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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

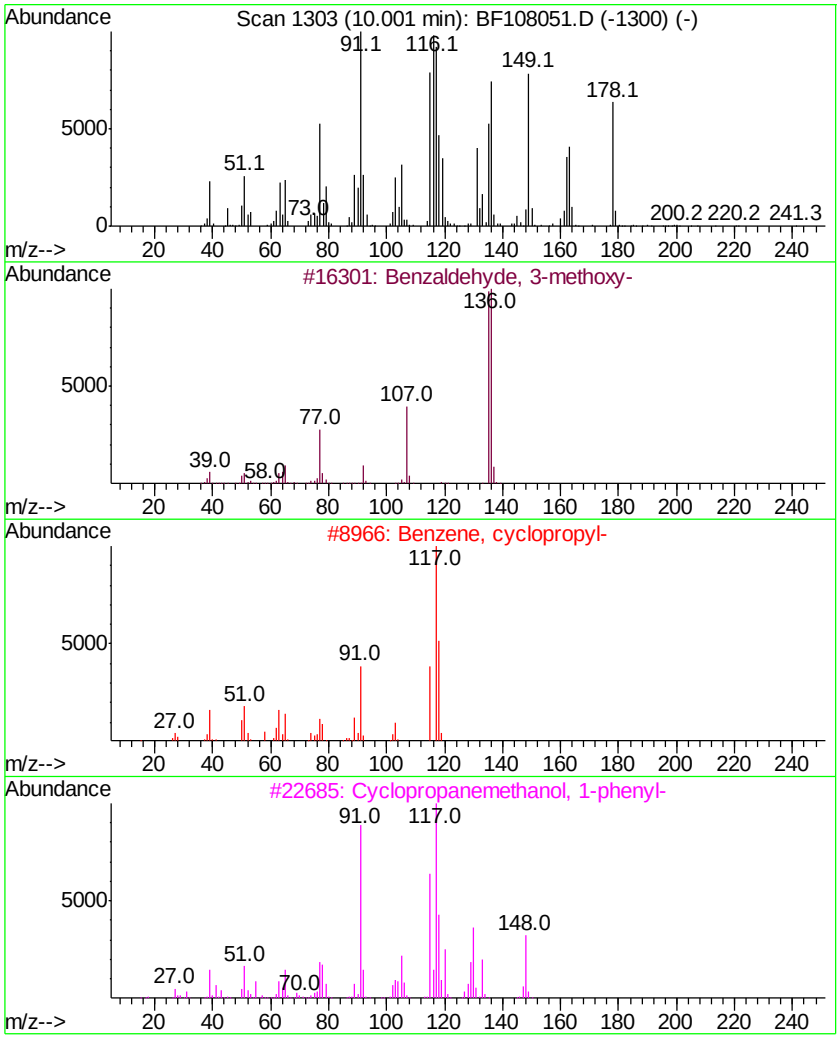
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

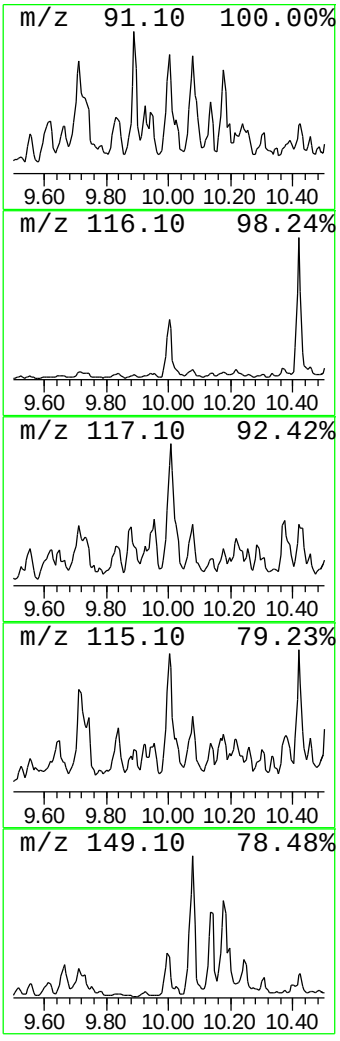
****

Peak Number 11 unknown10.00 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	12.66 ng	3684150	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3-methoxy-	136	C8H8O2	000591-31-1	40
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	25
3	Cyclopropanemethanol, 1-phenyl-	148	C10H12O	031729-66-5	22
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	15
5	o-Ethylbenzonitrile	131	C9H9N	034136-59-9	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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

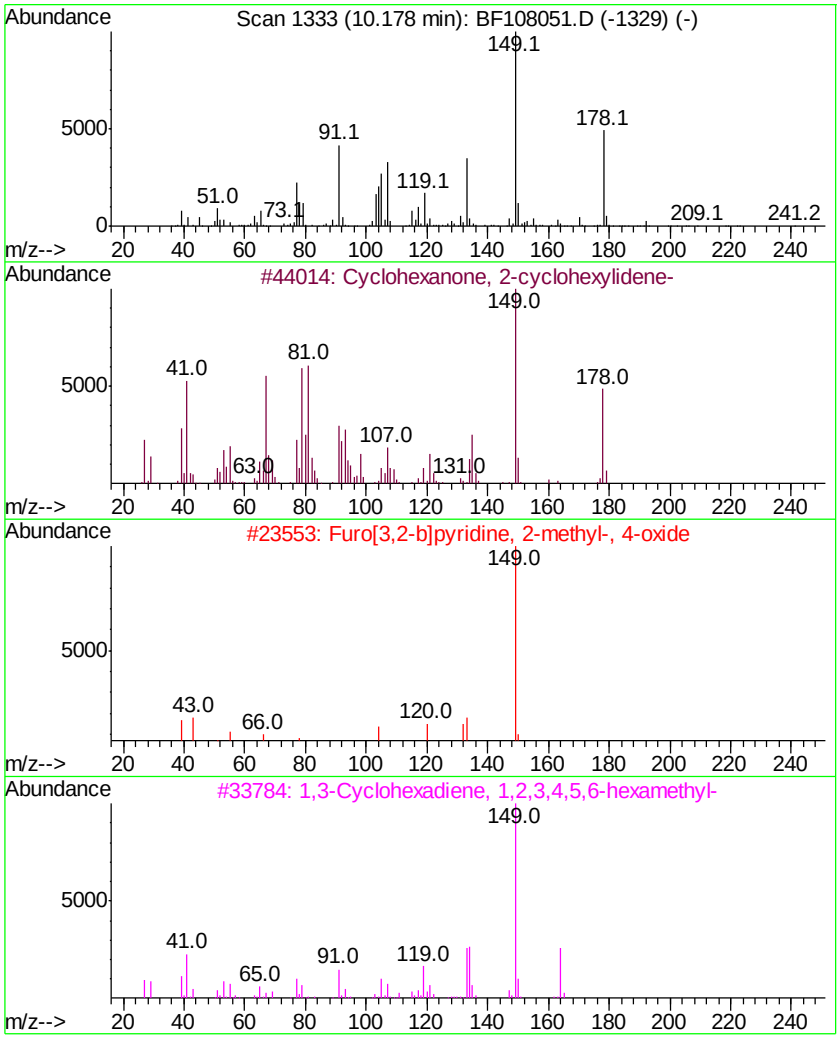
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

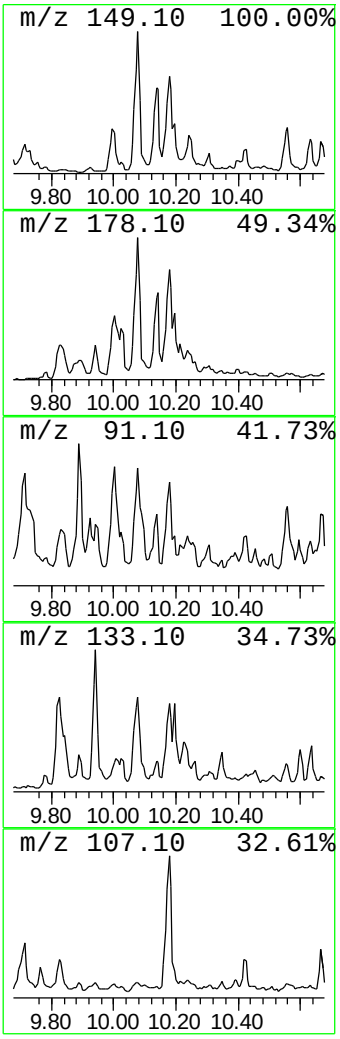
****

Peak Number 12 unknown10.18 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	10.72 ng	3117590	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-cyclohexylidene-	178	C12H18O	001011-12-7	47
2	Furo[3,2-b]pyridine, 2-methyl-, ...	149	C8H7NO2	069022-83-9	38
3	1,3-Cyclohexadiene, 1,2,3,4,5,6-...	164	C12H20	1000152-09-6	38
4	5-(3-Methylbutyl)-2-pyridinecarb...	193	C11H15NO2	049751-50-0	35
5	2-Acetylbenzoic acid	164	C9H8O3	000577-56-0	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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

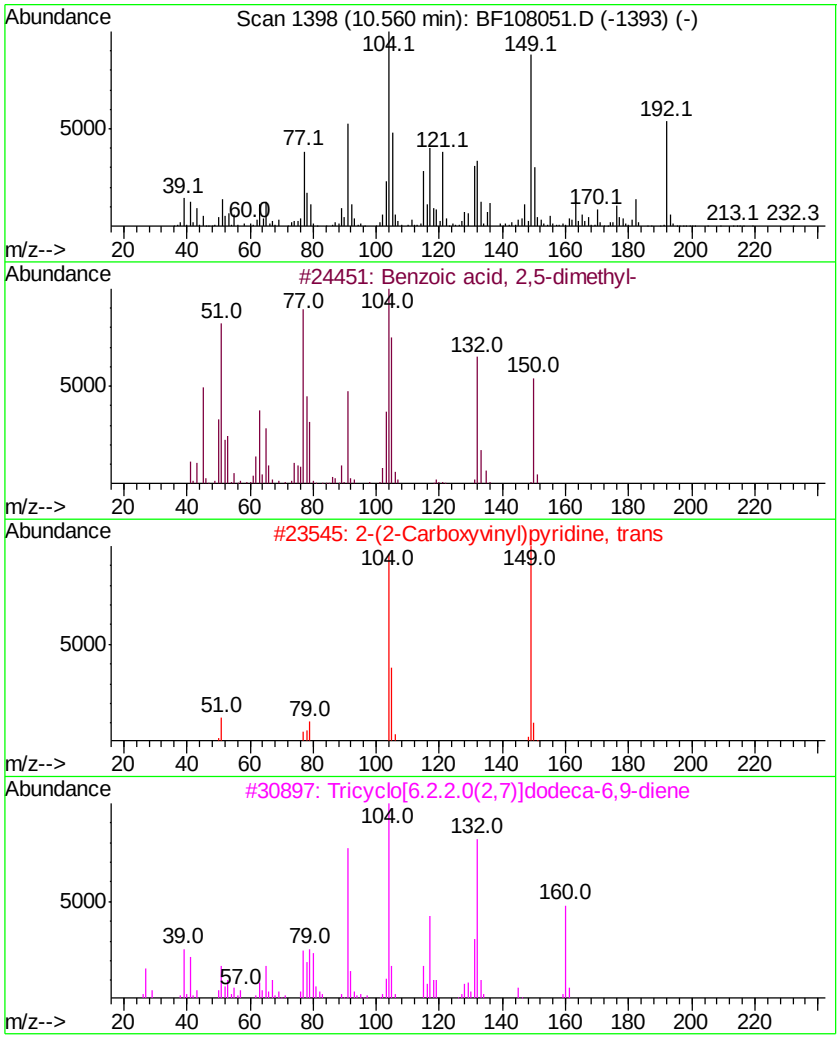
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

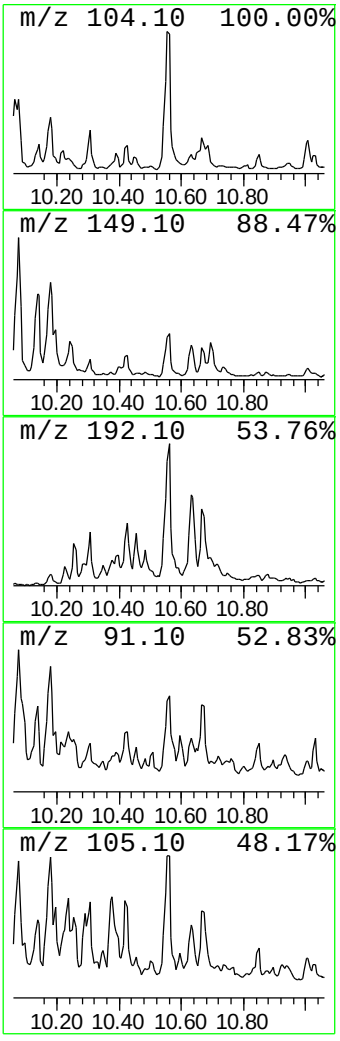
****

Peak Number 13 unknown10.56 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	10.40 ng	3026820	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	38
2	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	38
3	Tricyclo[6.2.2.0(2,7)]dodeca-6,9...	160	C12H16	031080-94-1	30
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	30
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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

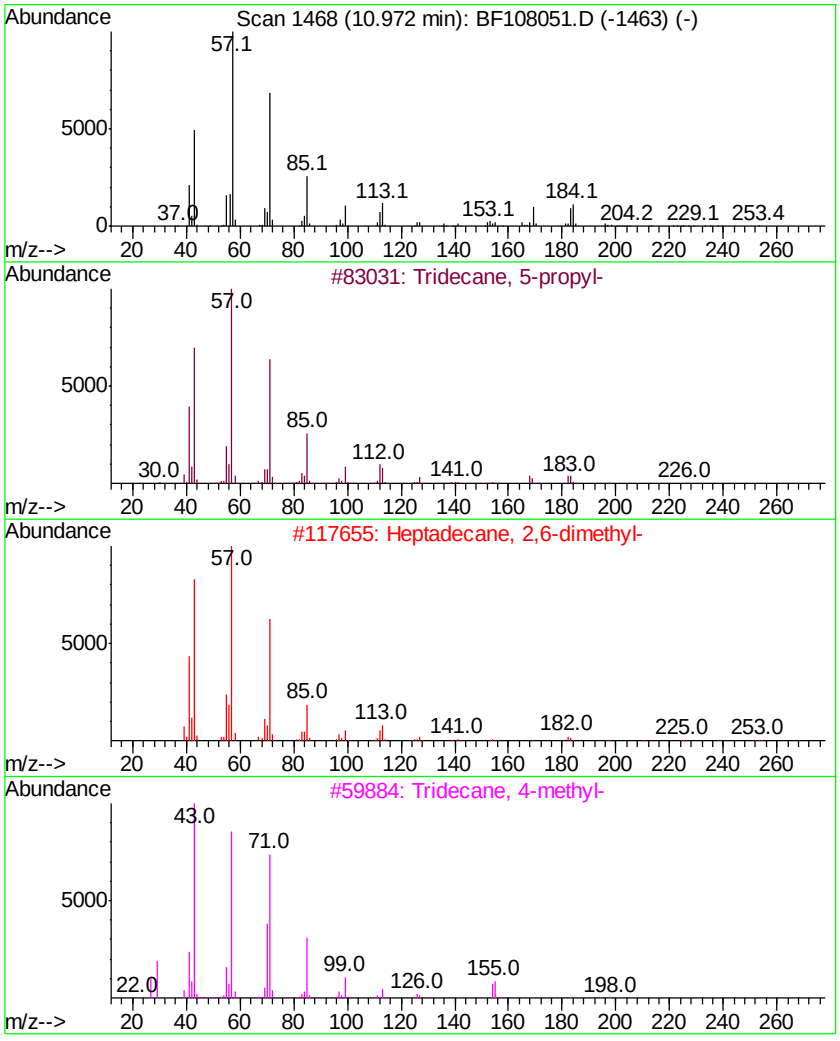
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

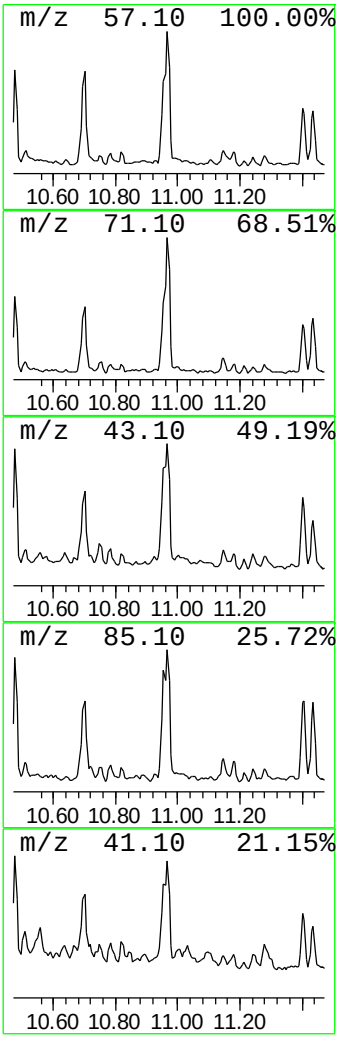
****

Peak Number 14 Tridecane, 5-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	24.22 ng	2226650	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	86
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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

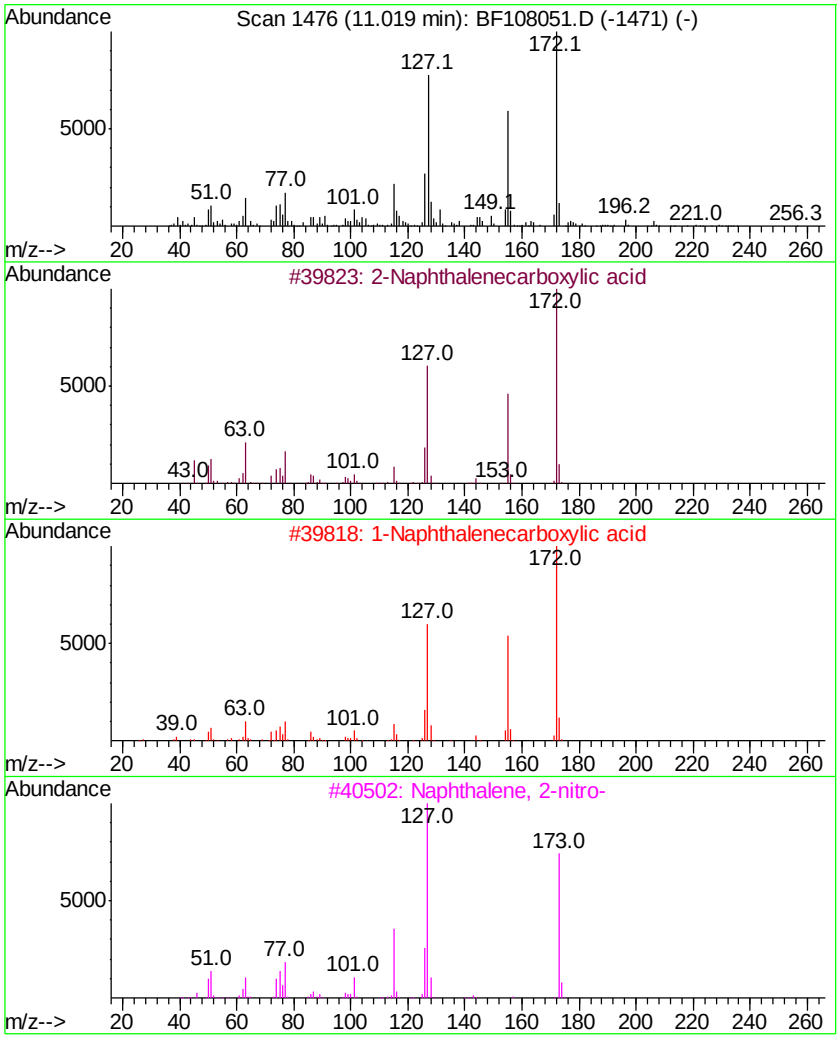
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

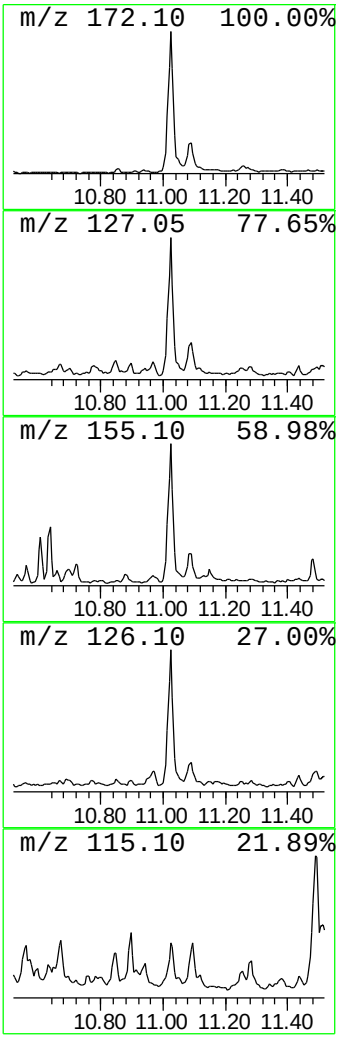
****

Peak Number 15 2-Naphthalenecarboxylic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	27.48 ng	2526380	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	93
2	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	90
3	Naphthalene, 2-nitro-	173	C10H7NO2	000581-89-5	47
4	1-Naphthamide	171	C11H9NO	002243-81-4	43
5	Naphthalen-2-carboxylic acid, N'...	228	C13H12N2O2	1000287-98-1	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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

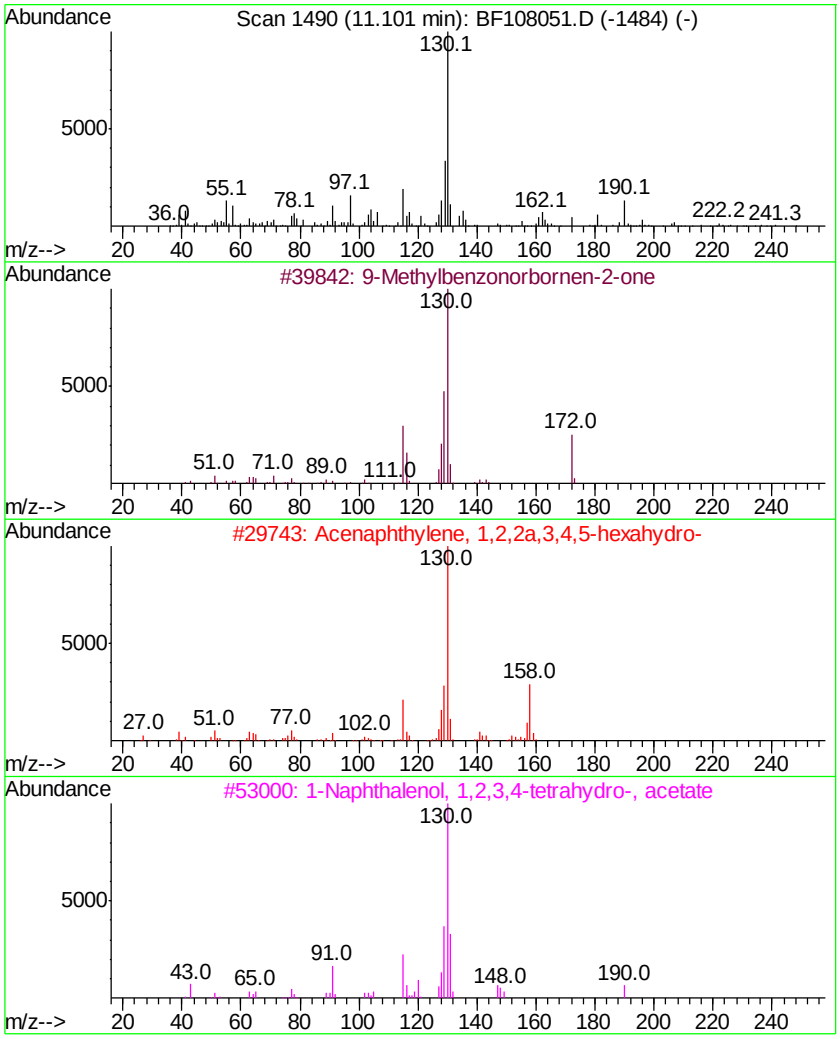
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

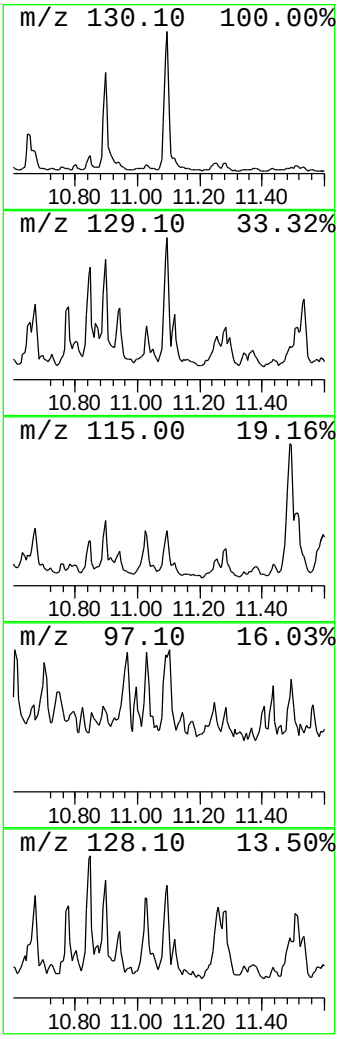
****

Peak Number 16 9-Methylbenzonorbornen-2-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	15.04 ng	1383100	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Methylbenzonorbornen-2-one	172	C12H12O	1000110-51-6	80
2	Acenaphthylene, 1,2,2a,3,4,5-hex...	158	C12H14	000480-72-8	72
3	1-Naphthalenol, 1,2,3,4-tetrahyd...	190	C12H14O2	021503-12-8	64
4	Benzene, 1,4-diethenyl-	130	C10H10	000105-06-6	64
5	Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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

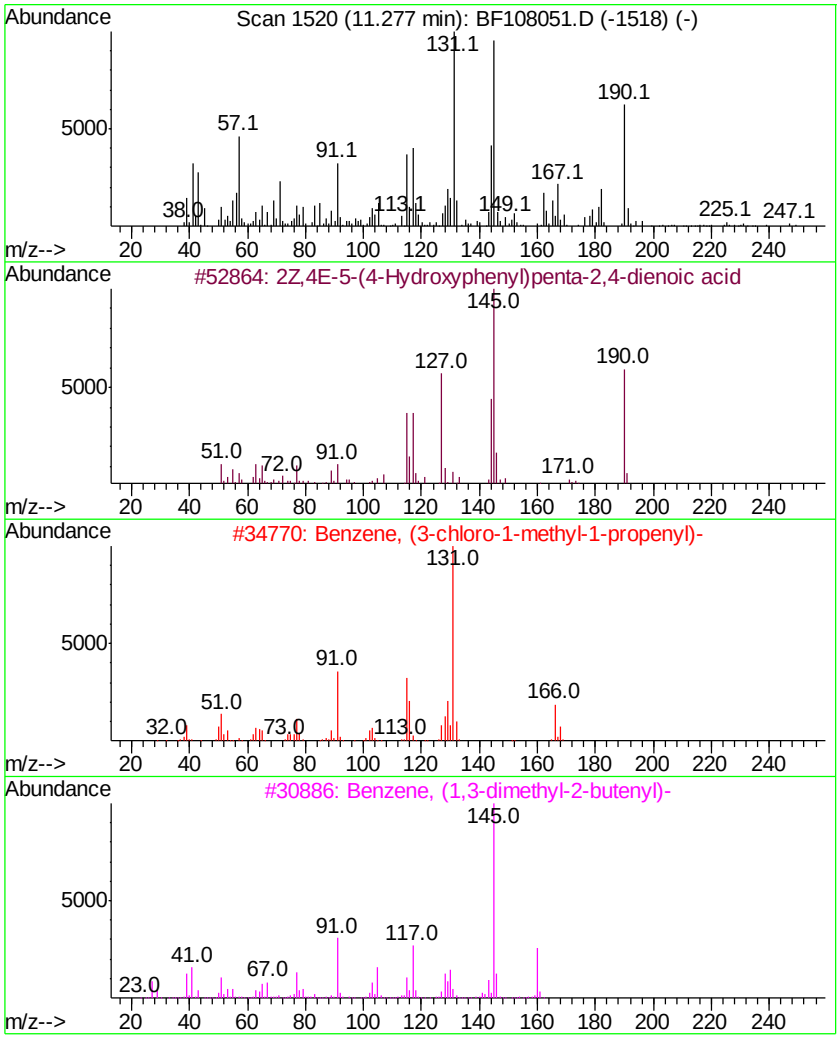
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

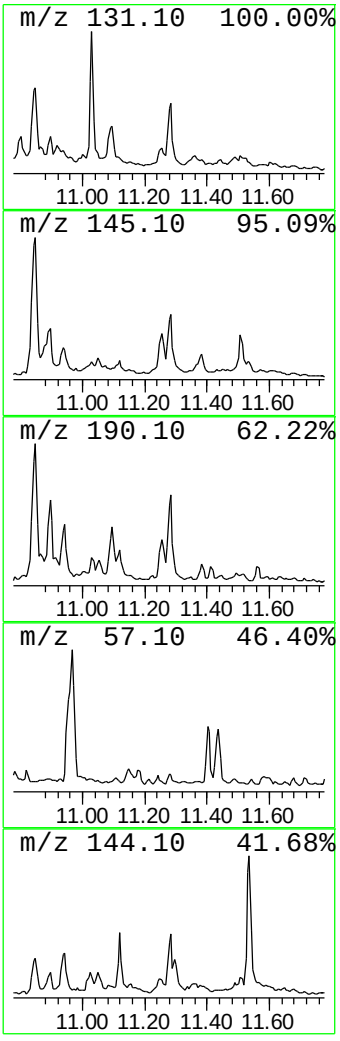
****

Peak Number 17 2Z,4E-5-(4-Hydroxyphenyl)pe... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	15.60 ng	1434290	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2Z,4E-5-(4-Hydroxyphenyl)penta-2...	190	C11H10O3	1000137-43-2	70
2	Benzene, (3-chloro-1-methyl-1-pr...	166	C10H11Cl	1000327-43-7	30
3	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	30
4	3-Ethyl-3-phenyl-1-pentene	174	C13H18	019781-34-1	27
5	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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

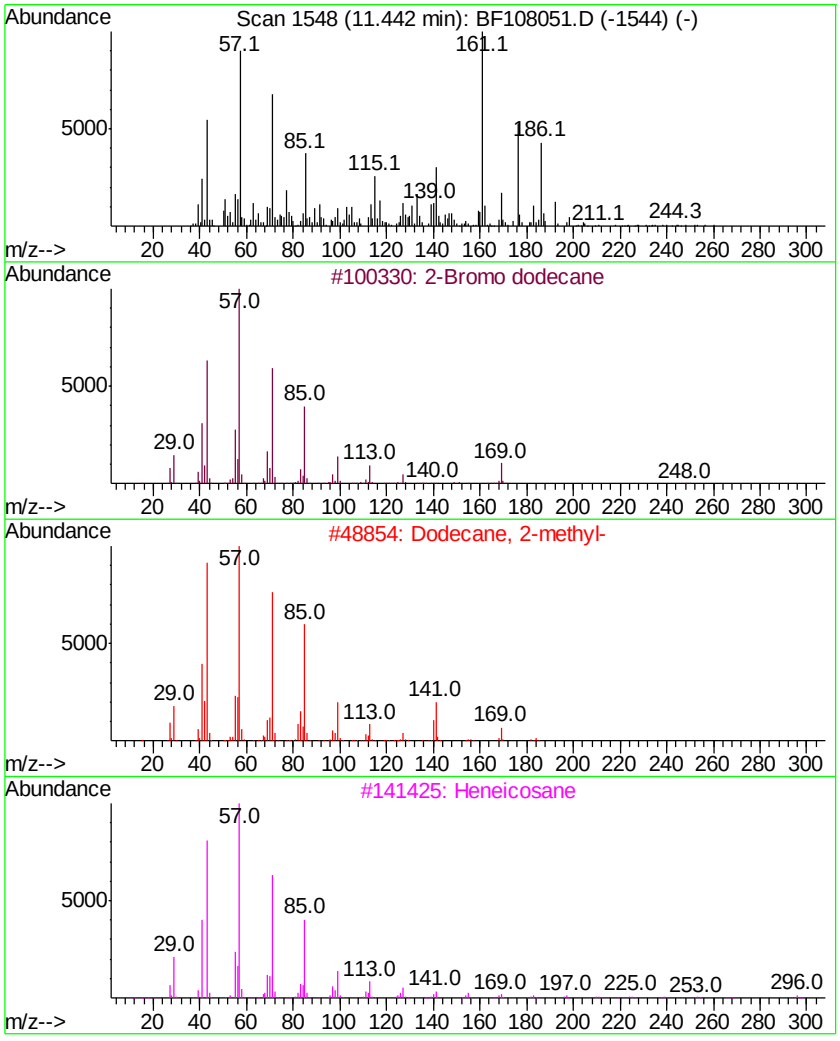
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

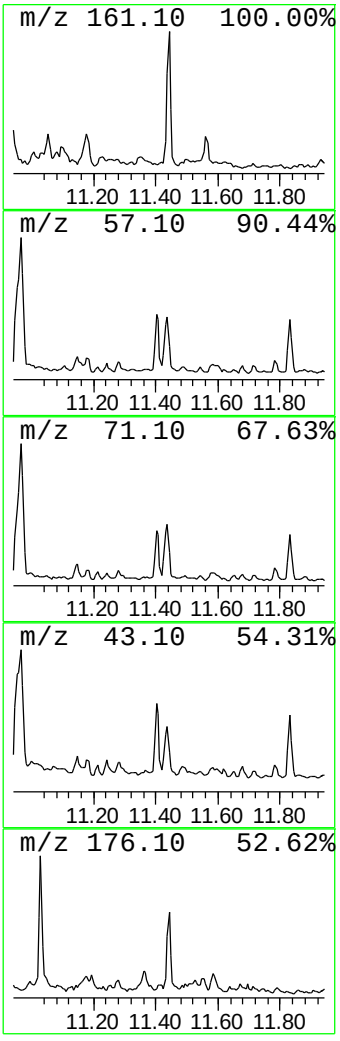
****

Peak Number 18 unknown11.44 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	11.45 ng	1053080	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	46
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	43
3	Heneicosane	296	C21H44	000629-94-7	43
4	Octacosane	394	C28H58	000630-02-4	43
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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

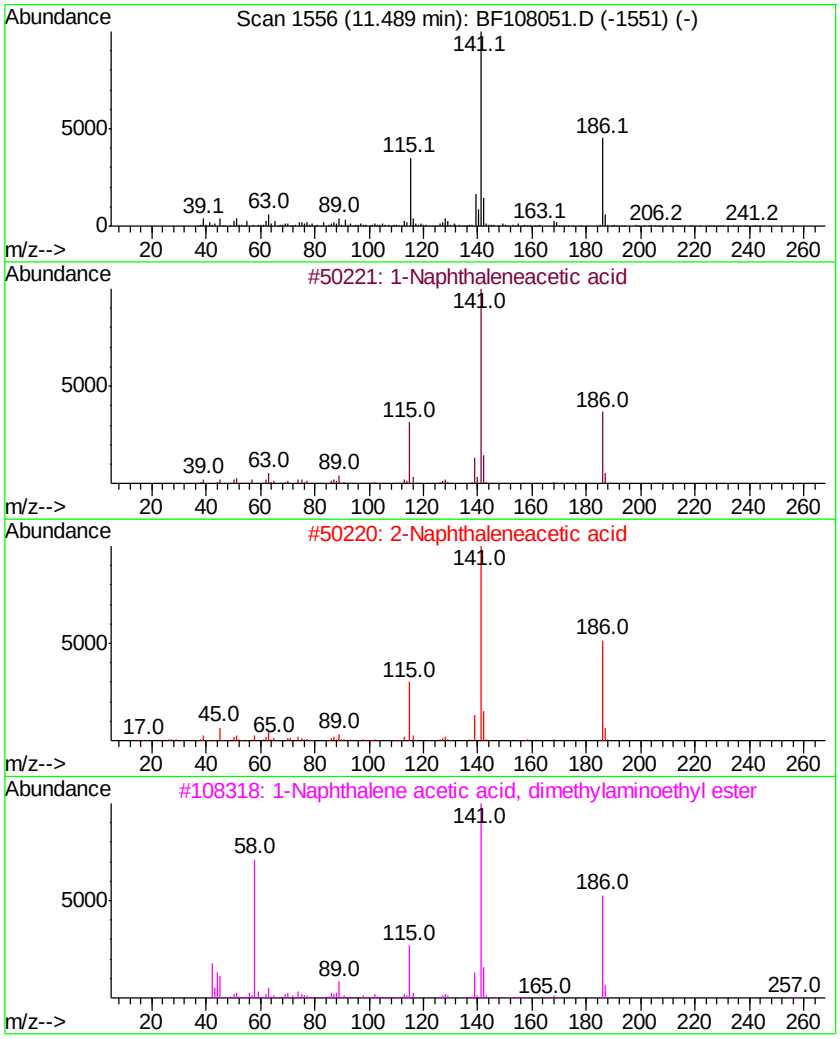
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

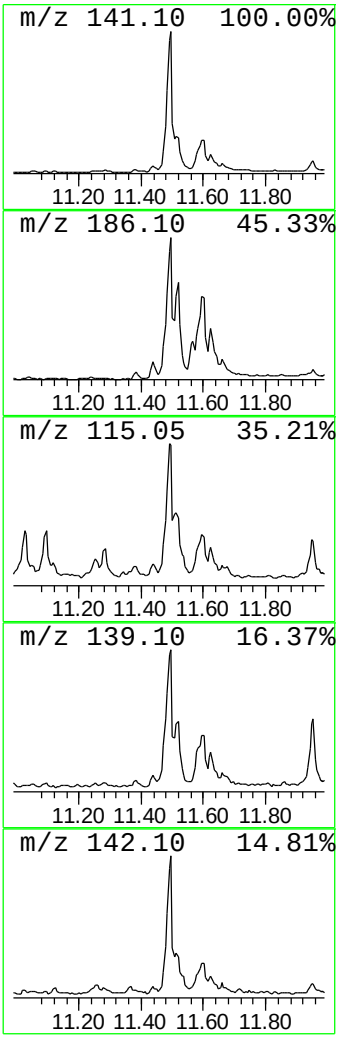
****

Peak Number 19 1-Naphthaleneacetic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	28.42 ng	2612780	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthaleneacetic acid	186	C12H10O2	000086-87-3	96
2	2-Naphthaleneacetic acid	186	C12H10O2	000581-96-4	95
3	1-Naphthalene acetic acid, dimet...	257	C16H19NO2	010593-16-5	78
4	2-Fluoro-3,4-dihydroxyphenylacet...	186	C8H7FO4	117722-94-8	59
5	1-Naphthaleneacetic acid, methyl...	200	C13H12O2	002876-78-0	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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

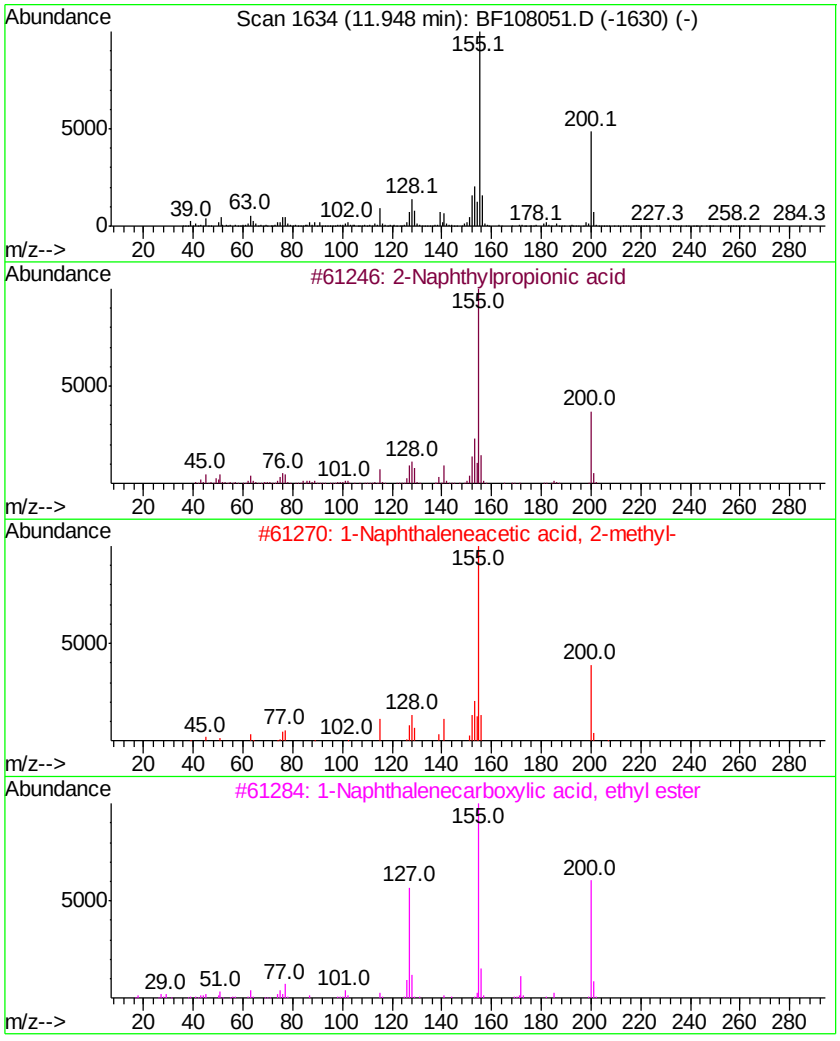
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

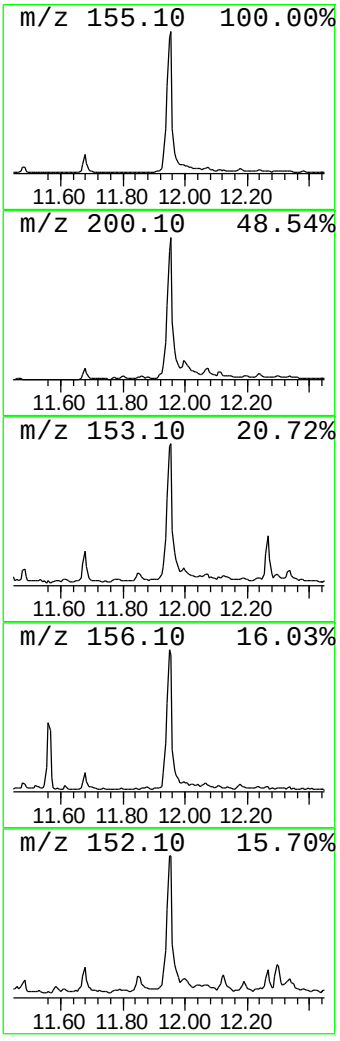
****

Peak Number 20 2-Naphthylpropionic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	31.10 ng	2858900	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthylpropionic acid	200	C13H12O2	1000129-24-1	96
2	1-Naphthaleneacetic acid, 2-methyl-	200	C13H12O2	000085-08-5	91
3	1-Naphthalenecarboxylic acid, et...	200	C13H12O2	003007-97-4	64
4	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	58
5	1-Naphthaleneacetic acid, .alpha...	200	C12H8O3	026153-26-4	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080918\
Data File : BF108051.D
Acq On : 9 Aug 2018 14:40
Operator : JU/SJ
Sample : J4374-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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
2-Hexanol	4.05	12.0	ng	1226770	1	7.01	2038660	20.0
Cyclohexanamine, ...	6.72	131.3	ng	13387900	1	7.01	2038660	20.0
unknown6.80	6.80	18.1	ng	1845600	1	7.01	2038660	20.0
2-Propanol, 1-(2-...	6.83	9.2	ng	932914	1	7.01	2038660	20.0
Benzoic acid, 2-m...	8.58	17.2	ng	2910170	2	8.30	3389840	20.0
Benzeneacetic acid	8.60	9.6	ng	1621990	2	8.30	3389840	20.0
1,4-Methanonaphth...	9.11	9.4	ng	1595430	2	8.30	3389840	20.0
Benzoic acid, 2,5...	9.18	13.6	ng	3966380	3	10.07	5818800	20.0
Naphthalene, 2,3-...	9.71	17.5	ng	5083460	3	10.07	5818800	20.0
unknown10.00	10.00	12.7	ng	3684150	3	10.07	5818800	20.0
unknown10.18	10.18	10.7	ng	3117590	3	10.07	5818800	20.0
unknown10.56	10.56	10.4	ng	3026820	3	10.07	5818800	20.0
Tridecane, 5-propyl-	10.97	24.2	ng	2226650	4	11.56	1838810	20.0
2-Naphthalenecarb...	11.02	27.5	ng	2526380	4	11.56	1838810	20.0
9-Methylbenzonorb...	11.10	15.0	ng	1383100	4	11.56	1838810	20.0
2Z,4E-5-(4-Hydrox...	11.28	15.6	ng	1434290	4	11.56	1838810	20.0
unknown11.44	11.44	11.4	ng	1053080	4	11.56	1838810	20.0
1-Naphthaleneacet...	11.49	28.4	ng	2612780	4	11.56	1838810	20.0
2-Naphthylpropion...	11.95	31.1	ng	2858900	4	11.56	1838810	20.0