LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

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-BF121218.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	2.534	68	76	83	rBV	801909	1155190	4.49%	0.330%
2	3.287	202	204	223	rVB	526779	971046	3.78%	0.277%
3	4.293	365	375	382	rBV	4754538	9360453	36.42%	2.671%
4	4.422	393	397	407	rVB2	1158534	1669414	6.50%	0.476%
5	4.504	407	411	418	rVB	860757	947045	3.68%	0.270%
6	4.669	428	439	446	rBV	546669	874889	3.40%	0.250%
7	4.875	470	474	479	rBV	1170430	1168501	4.55%	0.333%
8	5.028	490	500	503	rBV3	2376114	3314072	12.89%	0.946%
9	5.122	512	516	520	rBV	866921	841013	3.27%	0.240%
10	5.222	528	533	538	rBV	1292482	1585400	6.17%	0.452%
11	5.281	538	543	546	rBV3	661221	937077	3.65%	0.267%
12	5.440	564	570	575	rVB	2419454	3467823	13.49%	0.989%
13	5.598	592	597	600	rVV	1438563	1502835	5.85%	0.429%
14	5.628	600	602	607	rVV2	1269801	1686309	6.56%	0.481%
15	6.175	688	695	698	rBV	601443	947205	3.69%	0.270%
16	6.475	737	746	748	rBV2	11966324	20573054	80.04%	5.870%
17	6.510	748	752	754	rBV3	3373330	5302259	20.63%	1.513%
18	6.587	761	765	770	rVB	6783968	8943628	34.80%	2.552%
19	6.692	775	783	785	rBV2	7968605	13530924	52.64%	3.860%
20	6.716	785	787	789	rVV	6796899	4860966	18.91%	1.387%
21	6.739	789	791	794	rVV3	930965	964892	3.75%	0.275%
22	6.804	794	802	805	rVB	8766112	13749167	53.49%	3.923%
23	6.898	815	818	824	rVV5	1960343	2592956	10.09%	0.740%
24	6.957	824	828	831	rVV	5267715	5190837	20.20%	1.481%
25	7.004	833	836	838	rVB	2547437	2150906	8.37%	0.614%
26	7.098	843	852	856	rBV	7416146	11666324	45.39%	3.328%
27	7.134	856	858	860	rVB2	1564388	1157188	4.50%	0.330%
28	7.186	864	867	869	rBV2	2416692	2373788	9.24%	0.677%
29	7.228	869	874	876	rVV2	4052579	4908726	19.10%	1.400%
30	7.257	876	879	883	rVB2	6002715	7526674	29.28%	2.147%
31	7.298	883	886	889	rVB2	874851	810321	3.15%	0.231%
32	7.369	893	898	904	rBV	5233632	6331345	24.63%	1.806%
33	7.422	904	907	909	rBV	1163674	822586	3.20%	0.235%
34	7.451	909	912	915	rBV	1252409	946735	3.68%	0.270%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

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-BF121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.510	915	922	926	rBV3	4972790	6093209	23.71%	1.738%
36	7.592	928	936	939	rVB5	791739	1995104	7.76%	0.569%
37	7.639	941	944	948	rBV4	791596	1439250	5.60%	0.411%
38	7.675	948	950	952	rVB	1140709	836475	3.25%	0.239%
39	7.704	952	955	957	rBV	1404921	1613005	6.28%	0.460%
40	7.763	961	965	973	rVB3	5405873	9976490	38.81%	2.846%
41	7.845	976	979	982	rBV	2201202	2820764	10.97%	0.805%
42	7.875	982	984	987	rBV	3407548	4293976	16.71%	1.225%
43	7.898	987	988	993	rVB3	3572631	2883062	11.22%	0.823%
44	7.963	993	999	1000	rBV3	1628089	2115721	8.23%	0.604%
45	8.057	1012	1015	1017	rBV2	1497616	1346162	5.24%	0.384%
46	8.081	1017	1019	1021	rVV	2452384	2008881	7.82%	0.573%
47	8.157	1030	1032	1036	rVB	1101641	909992	3.54%	0.260%
48	8.198	1036	1039	1041	rBV	2660985	2192551	8.53%	0.626%
49	8.281	1044	1053	1058	rVB	11613418	25703008	100.00%	7.333%
50	8.328	1058	1061	1065	rBV4	975272	1254336	4.88%	0.358%
51	8.375	1065	1069	1071	rBV2	2462970	2688099	10.46%	0.767%
52	8.398	1071	1073	1075	rVB	1426620	926490	3.60%	0.264%
53	8.481	1082	1087	1090	rBV3	1421950	1951899	7.59%	0.557%
54	8.510	1090	1092	1094	rBV	1283368	1024711	3.99%	0.292%
55	8.569	1096	1102	1104	rBV5	1132270	1918660	7.46%	0.547%
56	8.604	1104	1108	1110	rBV2	1556851	2589578	10.07%	0.739%
57	8.686	1119	1122	1125	rBV2	2058279	3215818	12.51%	0.917%
58	8.781	1136	1138	1140	rVB2	1400797	868616	3.38%	0.248%
59	8.822	1142	1145	1148	rVB3	935325	994279	3.87%	0.284%
60	8.875	1148	1154	1157	rBV4	1260836	2405445	9.36%	0.686%
61	8.975	1164	1171	1173	rVB	9664964	13181257	51.28%	3.761%
62	9.033	1177	1181	1183	rVB2	1011871	1183393	4.60%	0.338%
63	9.075	1183	1188	1190	rVB2	2061872	2019246	7.86%	0.576%
64	9.163	1198	1203	1210	rVB3	8863916	12402368	48.25%	3.538%
65	9.333	1229	1232	1234	rVV3	684085	751164	2.92%	0.214%
66	9.363	1234	1237	1241	rVB2	1638346	1741350	6.77%	0.497%
67	9.410	1242	1245	1250	rBV3	1510933	2293872	8.92%	0.654%
68	9.528	1260	1265	1267	rVB	4568125	6709569	26.10%	1.914%
69	9.692	1285	1293	1296	rVB2	1508533	2475464	9.63%	0.706%
70	9.728	1296	1299	1302	rVB	1573560	1269978	4.94%	0.362%
71	9.780	1302	1308	1310	rBV4	1301574	1764079	6.86%	0.503%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

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-BF121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.833	1313	1317	1323	rVB4	2477116	3910463	15.21%	1.116%
73	9.892	1324	1327	1335	rBV6	1035176	1884346	7.33%	0.538%
74	10.257	1386	1389	1391	rBV3	1152675	1205680	4.69%	0.344%
75	10.286	1391	1394	1396	rVB	820267	798147	3.11%	0.228%
76	10.316	1396	1399	1400	rBV	1782730	1339799	5.21%	0.382%
77	10.463	1421	1424	1428	rBV3	1008583	1091790	4.25%	0.311%
78	10.633	1449	1453	1456	rVV	3375905	2946427	11.46%	0.841%
79	10.769	1470	1476	1478	rBV3	925605	1432943	5.58%	0.409%
80	10.863	1484	1492	1494	rBV4	1160198	1963619	7.64%	0.560%
81	11.204	1546	1550	1553	rBV	3959247	4181758	16.27%	1.193%
82	11.263	1556	1560	1564	rVB2	1573397	1693979	6.59%	0.483%
83	11.316	1565	1569	1573	rBV2	2292666	2245217	8.74%	0.641%
84	11.374	1576	1579	1582	rVB	1684038	1497888	5.83%	0.427%
85	11.486	1593	1598	1601	rBV2	2079798	2839688	11.05%	0.810%
86	11.545	1606	1608	1613	rVB3	1164904	1207559	4.70%	0.345%
87	11.651	1620	1626	1629	rBV4	754319	1307425	5.09%	0.373%
88	11.727	1634	1639	1649	rVB3	1670662	2748387	10.69%	0.784%
89	11.869	1659	1663	1668	rBV2	1589717	1604172	6.24%	0.458%
90	11.927	1670	1673	1677	rVV2	726028	1156348	4.50%	0.330%
91	11.992	1680	1684	1686	rVV3	2054004	2694782	10.48%	0.769%
92	12.016	1686	1688	1700	rVB3	1246007	2689811	10.46%	0.767%
93	12.598	1783	1787	1792	rBV3	728181	1654077	6.44%	0.472%
94	12.645	1793	1795	1810	rVB	1220290	1973198	7.68%	0.563%
95	12.827	1818	1826	1829	rBV	9603979	17526572	68.19%	5.000%
96	12.904	1835	1839	1844	rBV	4197901	4037289	15.71%	1.152%
97	13.545	1935	1948	1949	rBV2	736388	2373437	9.23%	0.677%
98	13.951	2014	2017	2021	rVB	1395393	1321029	5.14%	0.377%
99	14.427	2096	2098	2110	rVB	892240	1621372	6.31%	0.463%
100	15.392	2258	2262	2265	rBV	772267	867225	3.37%	0.247%

Sum of corrected areas: 350503296

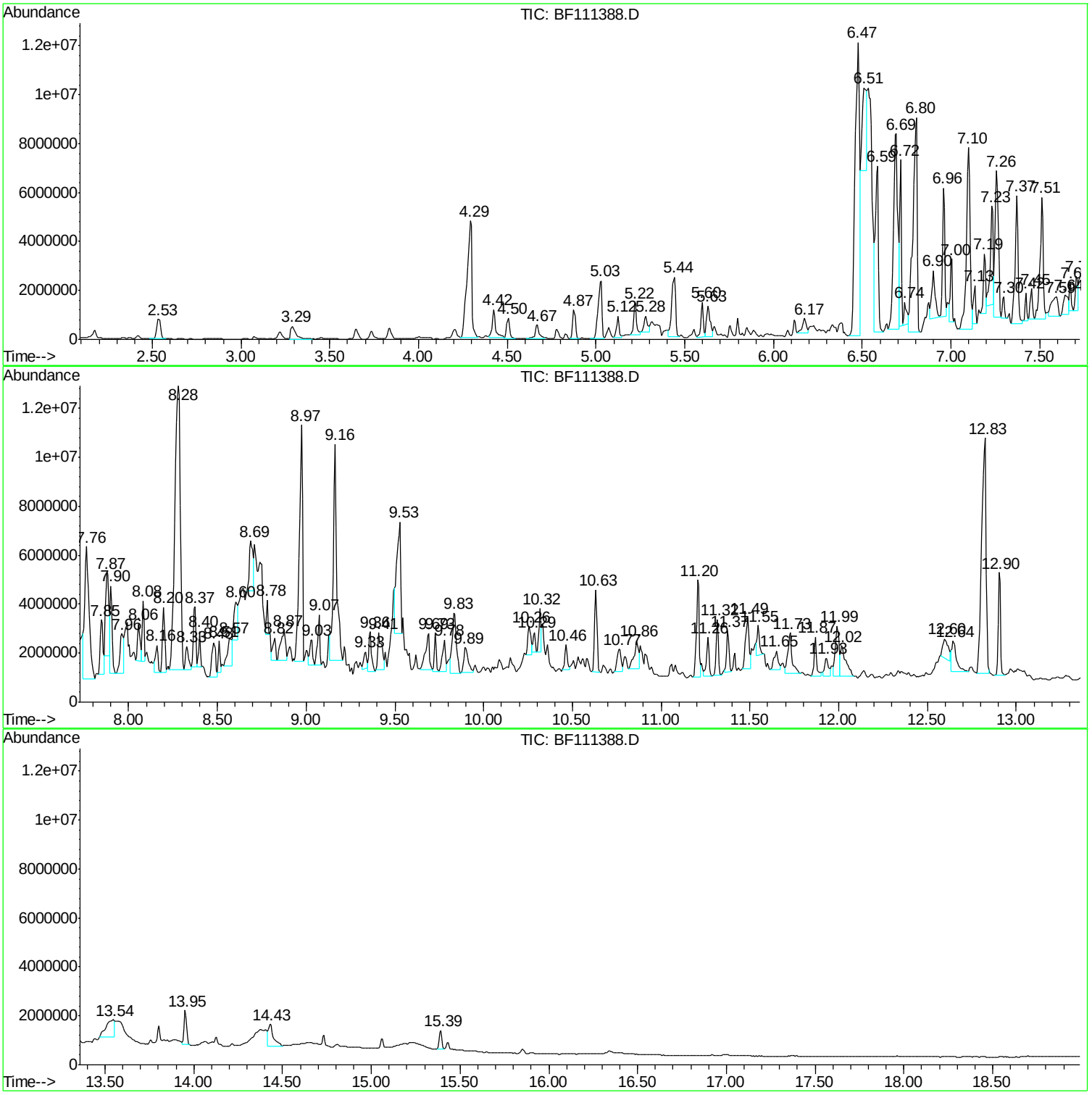
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

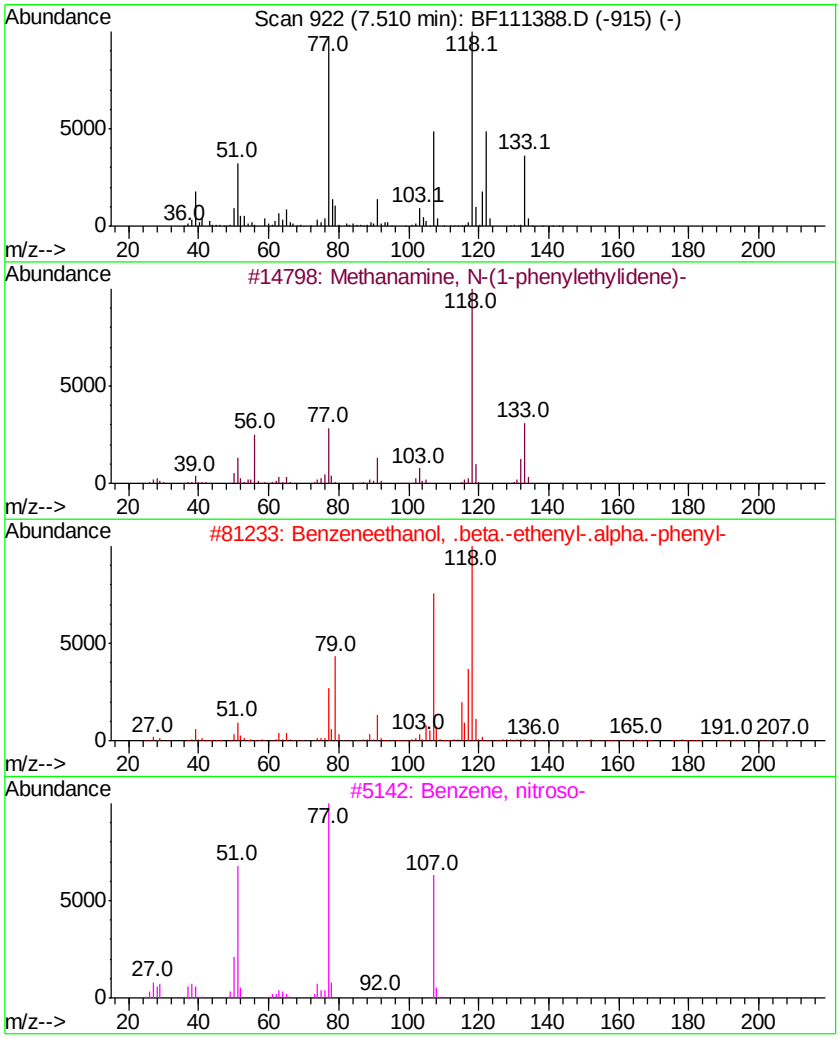
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

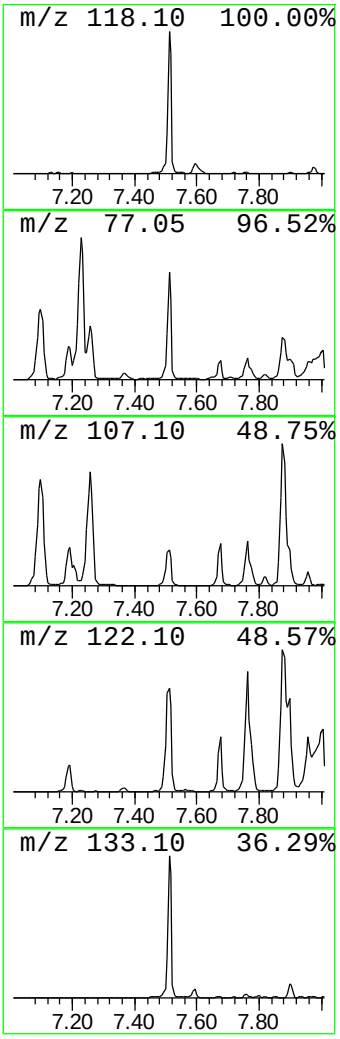
****

Peak Number 1 unknown7.51 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	60.66 ng	6093210	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanamine, N-(1-phenylethylide...	133	C9H11N	006907-71-7	43
2	Benzeneethanol, .beta.-ethenyl-....	224	C16H16O	123614-05-1	43
3	Benzene, nitroso-	107	C6H5NO	000586-96-9	38
4	Ethanone, 1-phenyl-, o-(4-coumar...	279	C17H13NO3	034605-11-3	38
5	Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-44-7	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

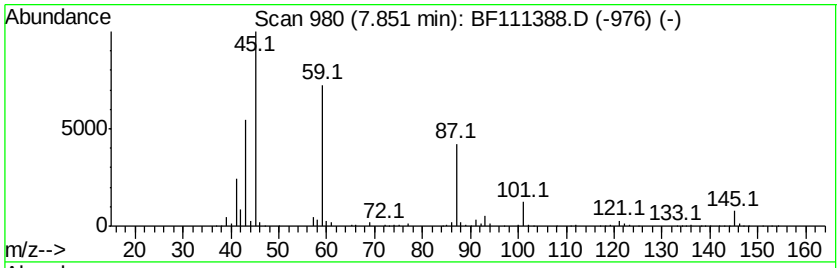
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

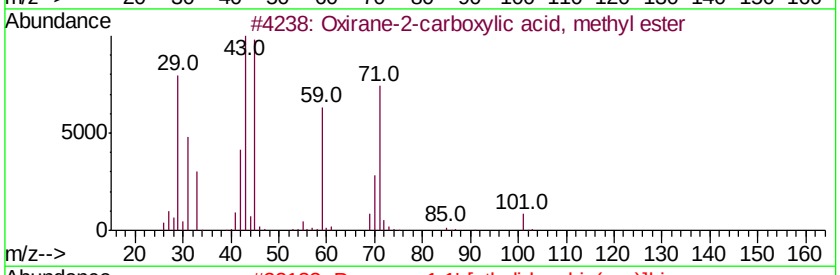
****

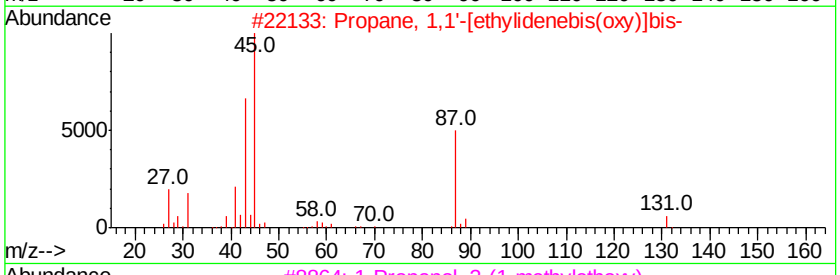
Peak Number 2 Oxirane-2-carboxylic acid, ... Concentration Rank 11

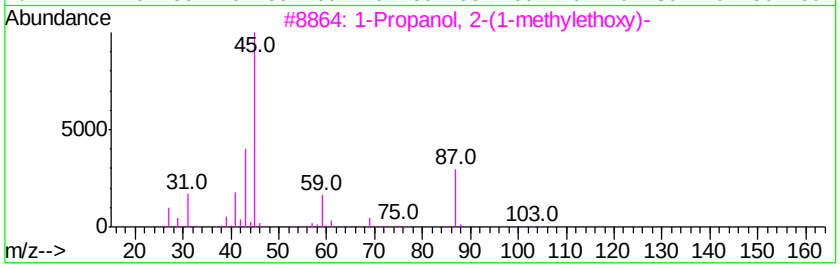
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	28.08 ng	2820760	Naphthalene-d8	8.08

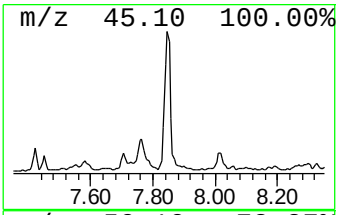
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane-2-carboxylic acid, methy...	102	C4H6O3	004538-50-5	53
2	Propane, 1,1'-[ethylidenebis(oxy...	146	C8H18O2	000105-82-8	43
3	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	38
4	Diisopropyl ether	102	C6H14O	000108-20-3	38
5	Propane, 2,2'-[ethylidenebis(oxy...	146	C8H18O2	004285-59-0	37

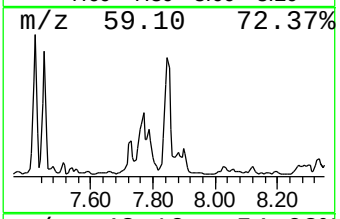


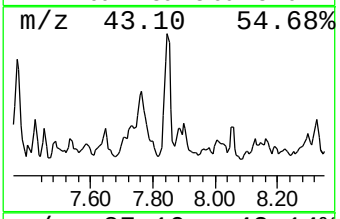


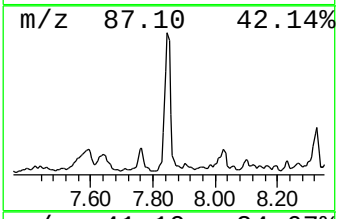


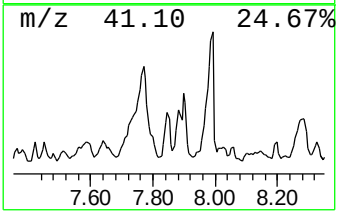












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

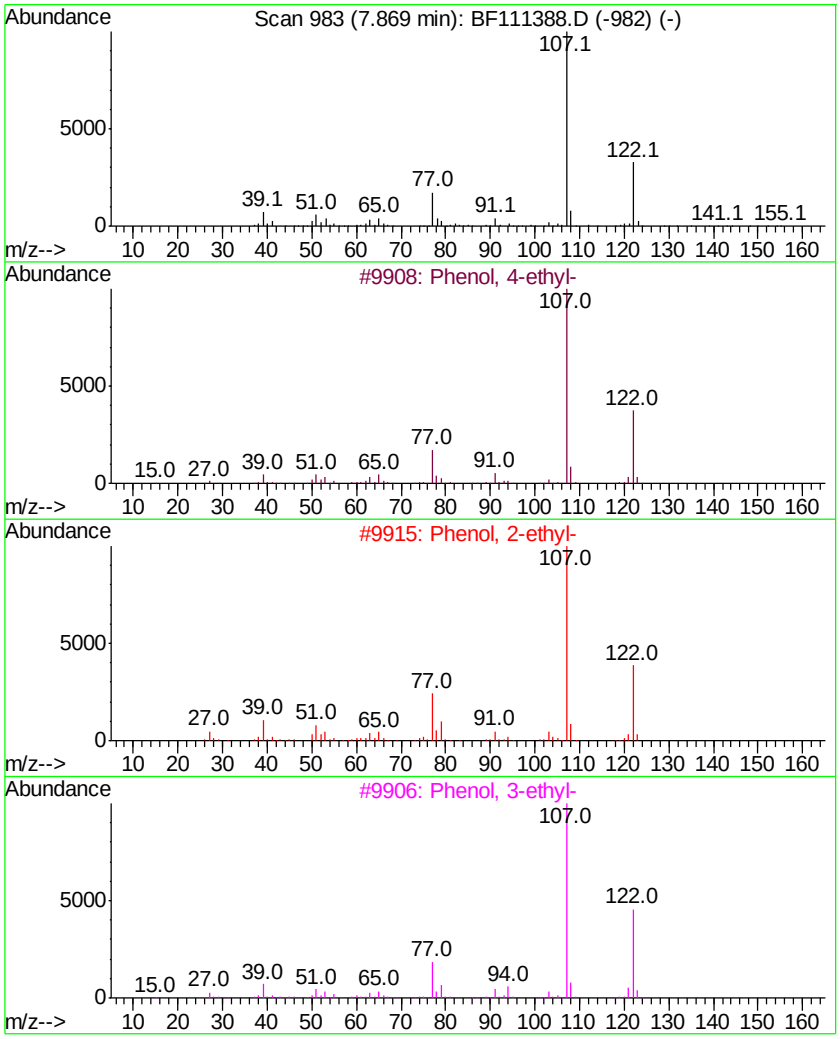
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

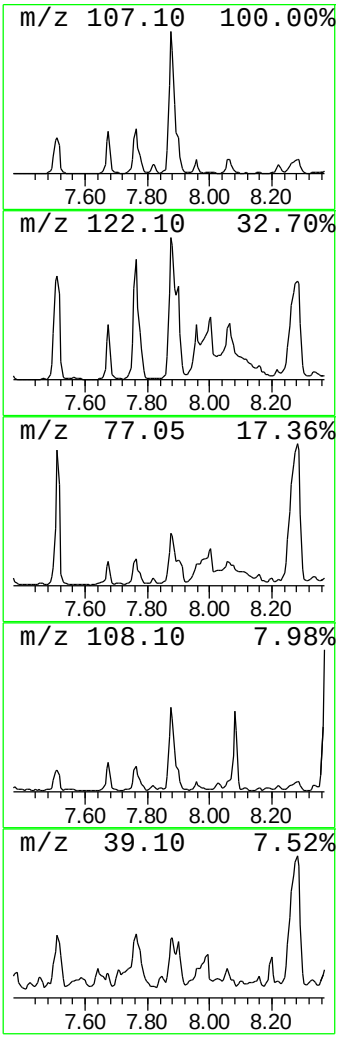
****

Peak Number 3 Phenol, 4-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	42.75 ng	4293980	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	94
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
4	1,3-Cyclopentadiene, 5,5-dimethy...	122	C9H14	1000162-25-7	72
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

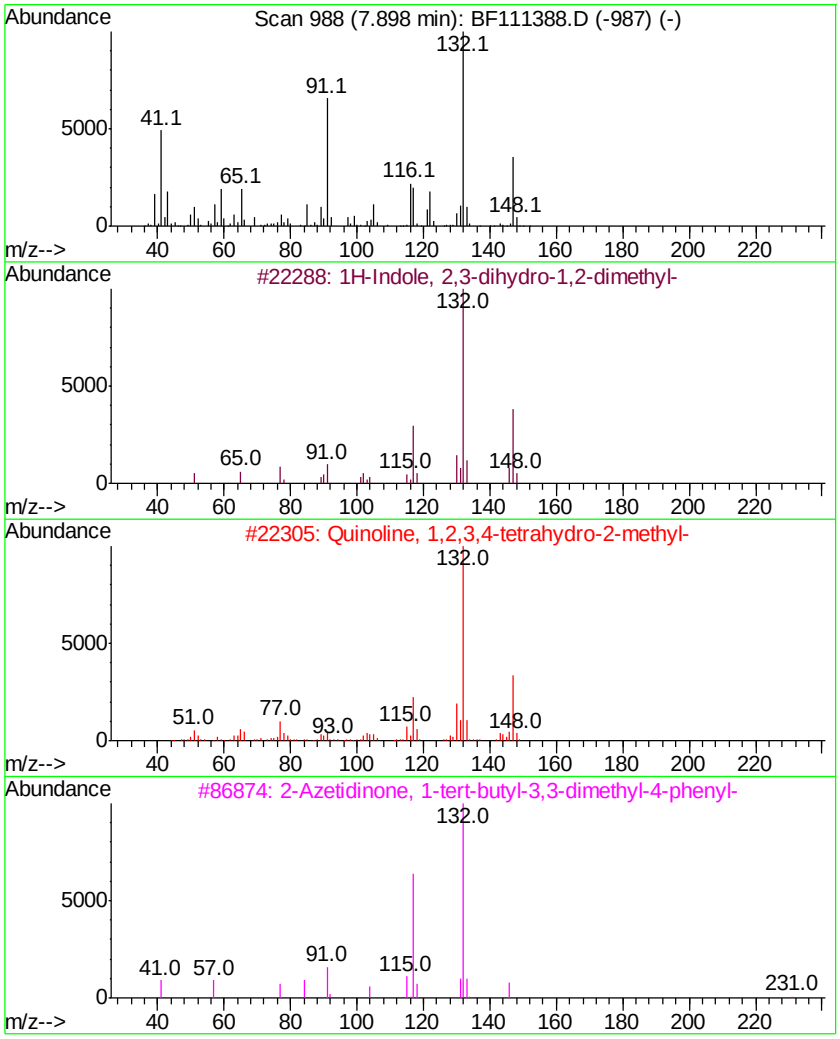
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

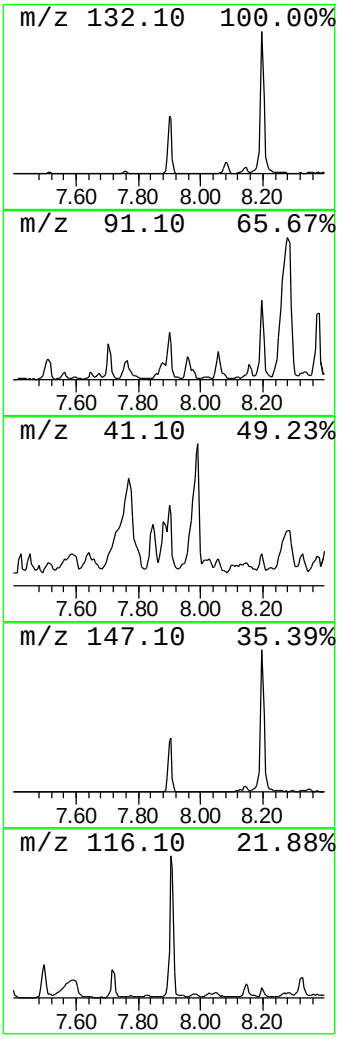
****

Peak Number 4 1H-Indole, 2,3-dihydro-1,2-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	28.70 ng	2883060	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 2,3-dihydro-1,2-dimet...	147	C10H13N	026216-93-3	52
2	Quinoline, 1,2,3,4-tetrahydro-2-...	147	C10H13N	001780-19-4	50
3	2-Azetidinone, 1-tert-butyl-3,3-...	231	C15H21NO	029668-87-9	43
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	38
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

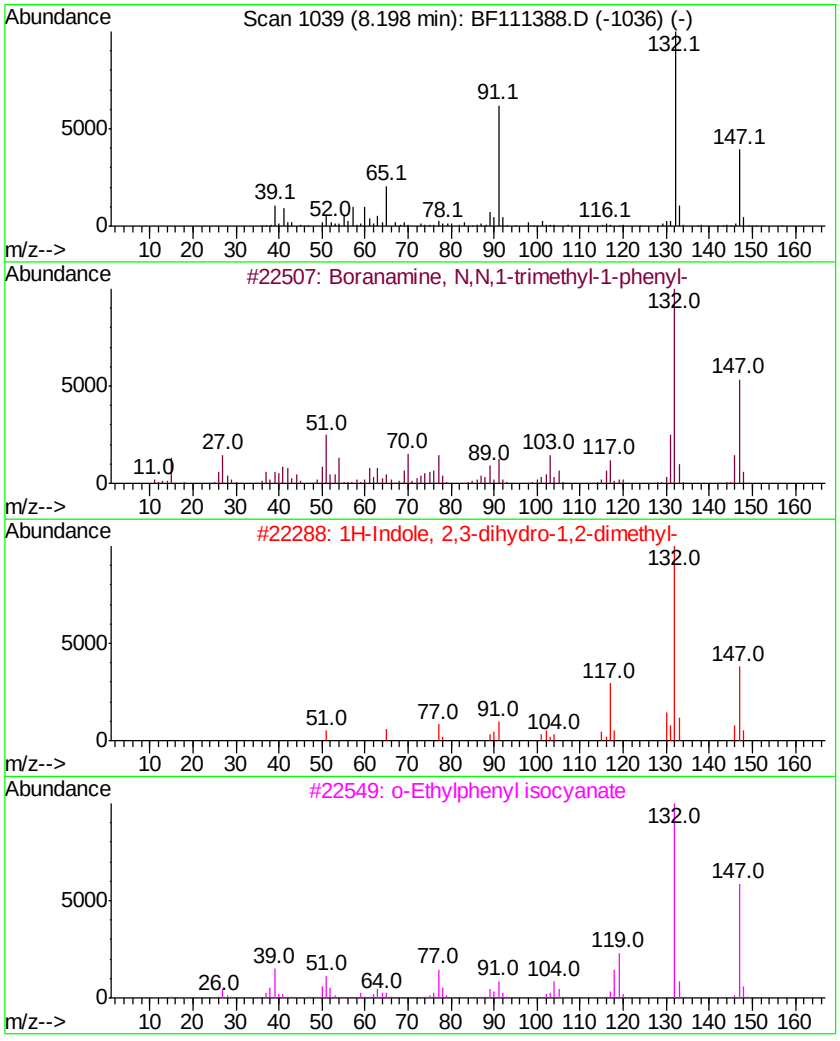
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

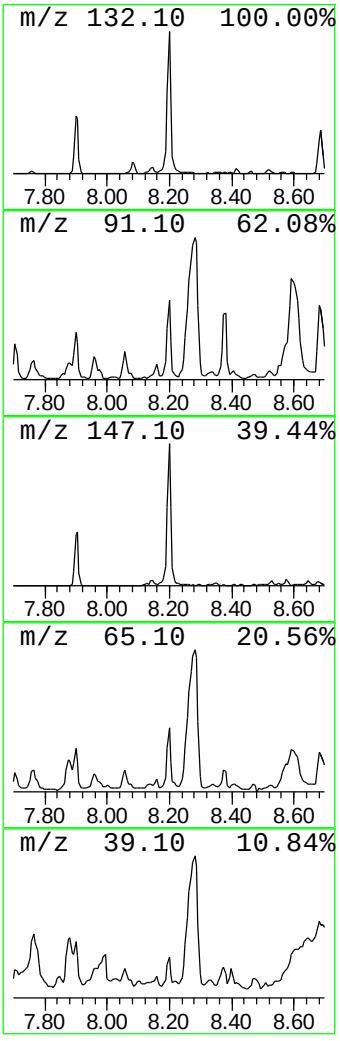
****

Peak Number 6 Boranamine, N,N,1-trimethyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	21.83 ng	2192550	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boranamine, N,N,1-trimethyl-1-ph...	147	C9H14BN	003519-71-9	59
2	1H-Indole, 2,3-dihydro-1,2-dimet...	147	C10H13N	026216-93-3	59
3	o-Ethylphenyl isocyanate	147	C9H9NO	040411-25-4	53
4	(+)-.alpha.-Phenethyl isocyanate	147	C9H9NO	033375-06-3	53
5	4-Ethylphenyl isocyanate	147	C9H9NO	023138-50-3	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

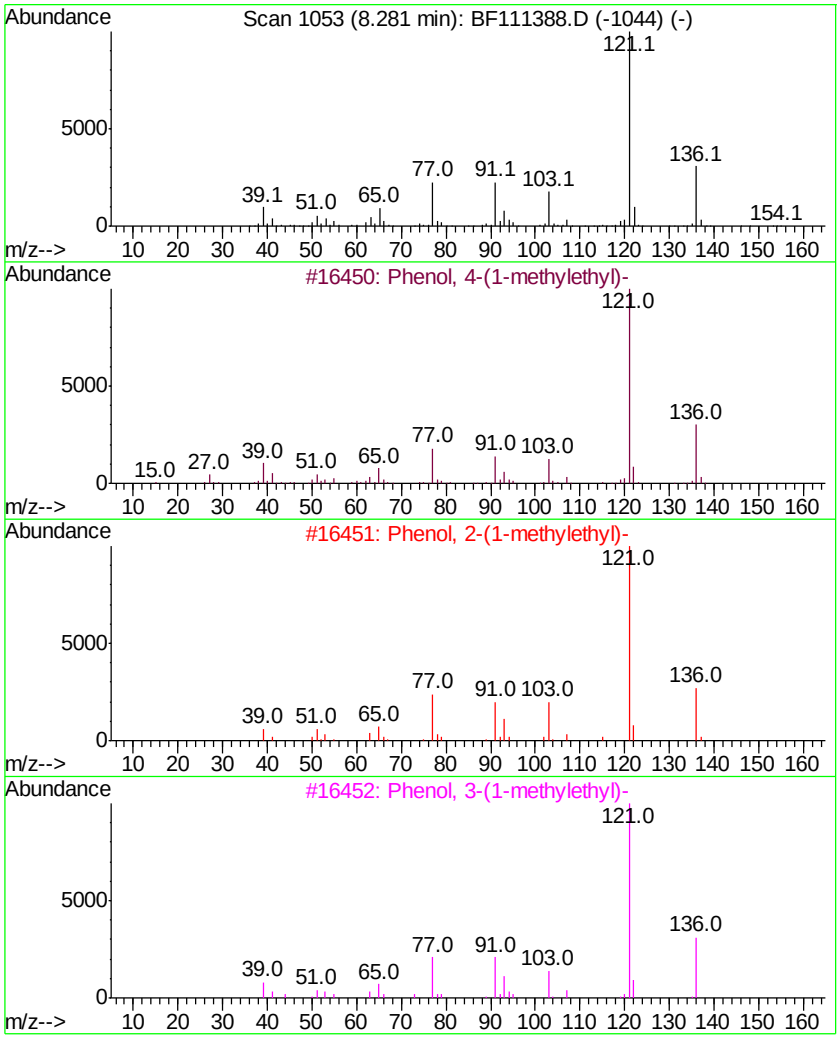
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

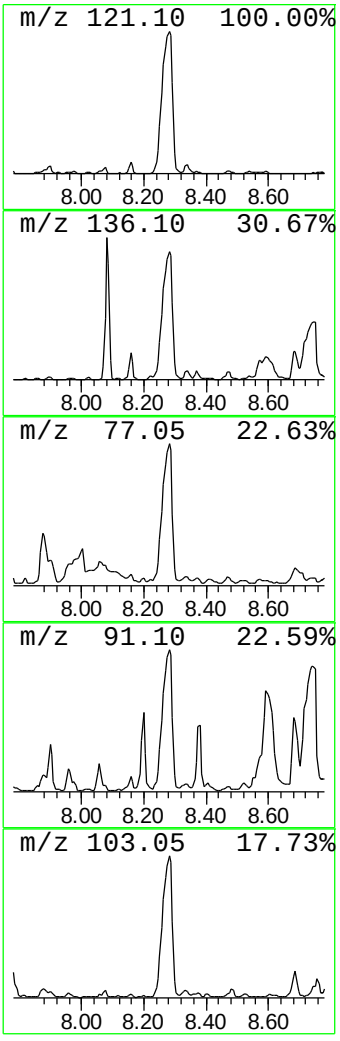
****

Peak Number 7 Phenol, 4-(1-methylethyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	255.89 ng	25703000	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	94
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	94
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	91
4	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87
5	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

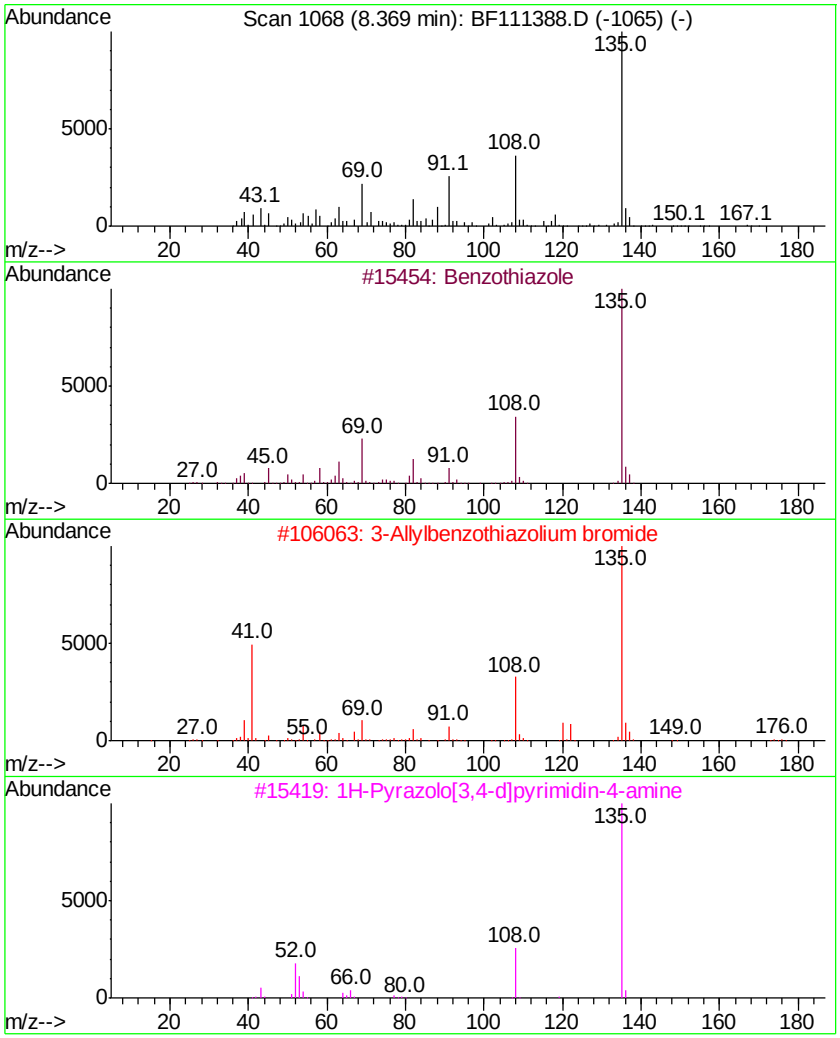
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

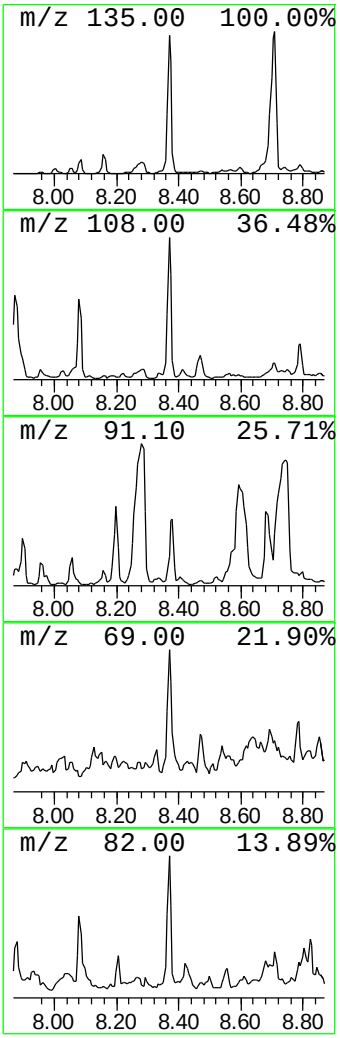
****

Peak Number 8 Benzothiazole Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	26.76 ng	2688100	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	52
2	3-Allylbenzothiazolium bromide	255	C10H10BrNS	016407-55-9	50
3	1H-Pyrazolo[3,4-d]pyrimidin-4-amine	135	C5H5N5	002380-63-4	47
4	Adenine	135	C5H5N5	000073-24-5	47
5	5-Pyrimidinecarbonitrile, 2,4-di...	135	C5H5N5	1000338-13-5	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

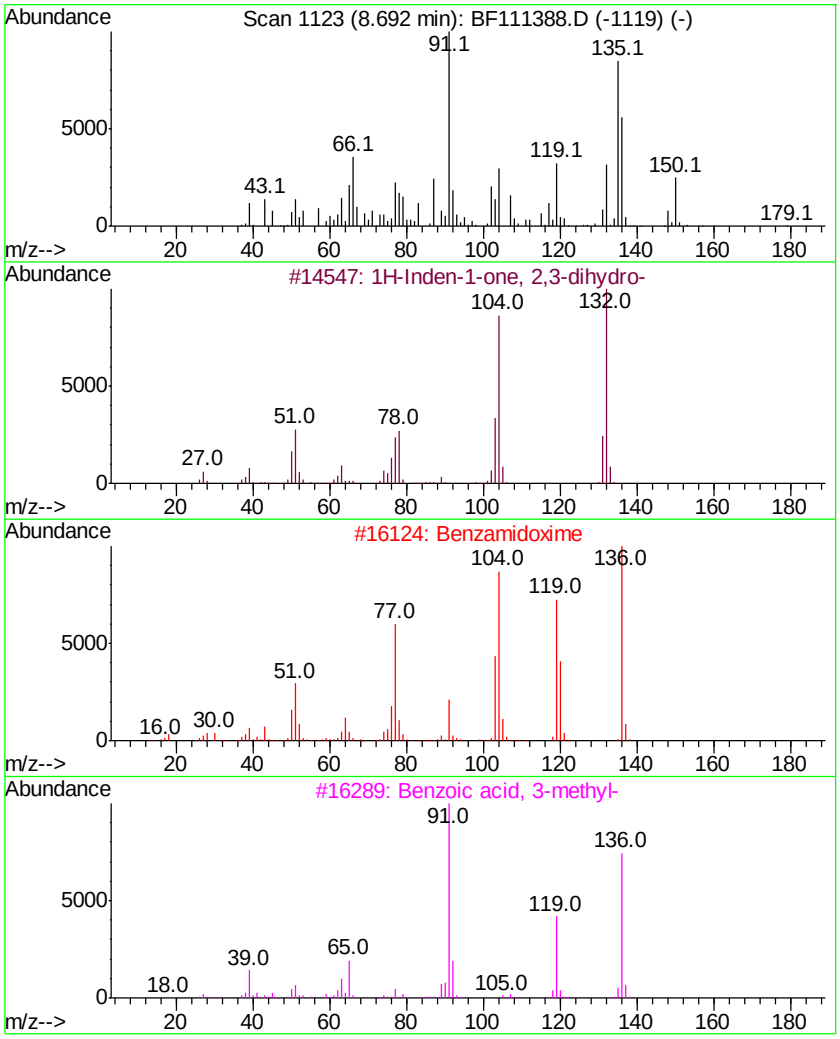
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

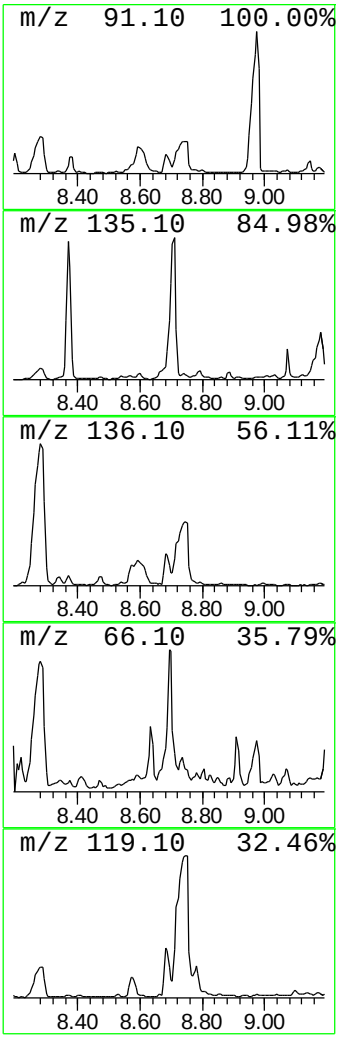
****

Peak Number 10 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	32.02 ng	3215820	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	64
2	Benzamidoxime	136	C7H8N2O	000613-92-3	45
3	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	35
4	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	35
5	Salicylaldehyde hydrazone	136	C7H8N2O	003291-00-7	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

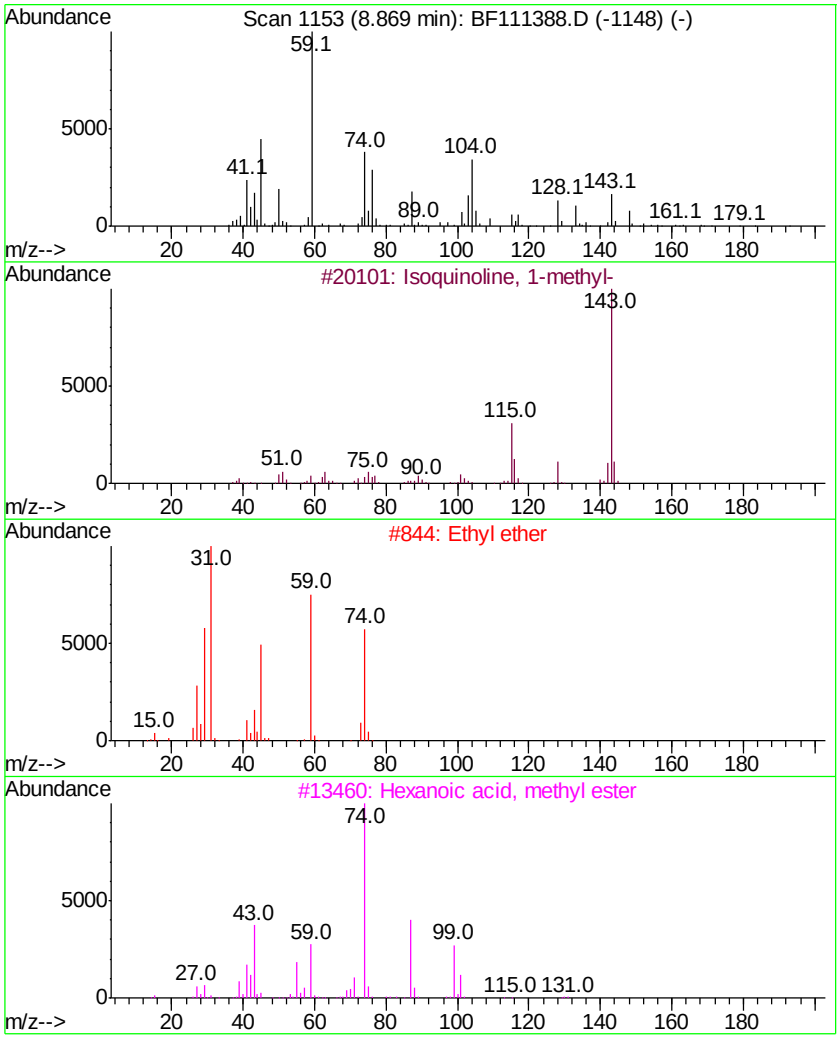
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

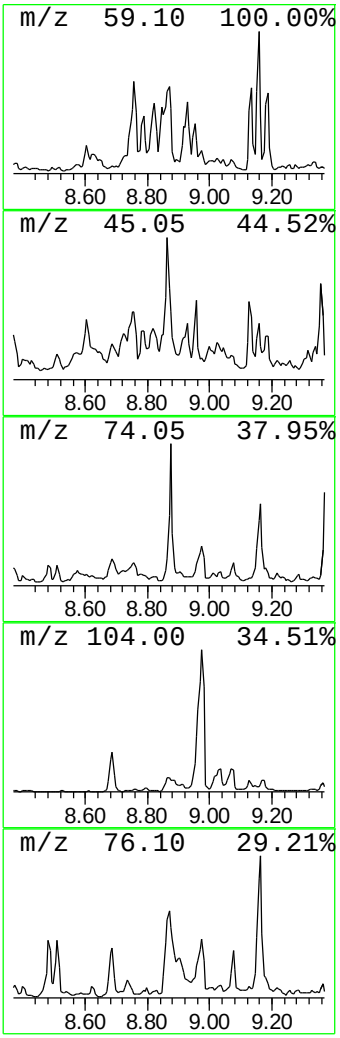
****

Peak Number 11 unknown8.87 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	23.95 ng	2405450	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	43
2	Ethyl ether	74	C4H10O	000060-29-7	35
3	Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	25
4	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	25
5	Heptanoic acid, methyl ester	144	C8H16O2	000106-73-0	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

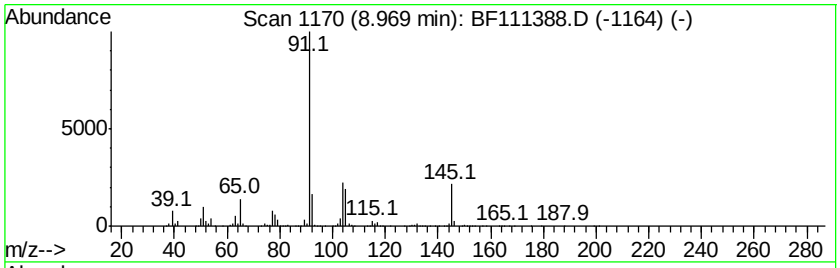
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

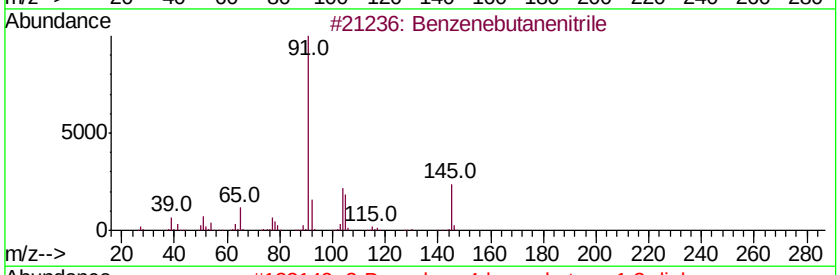
****

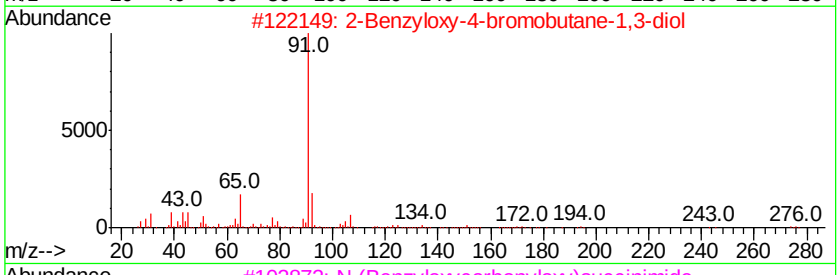
Peak Number 12 Benzenebutanenitrile Concentration Rank 3

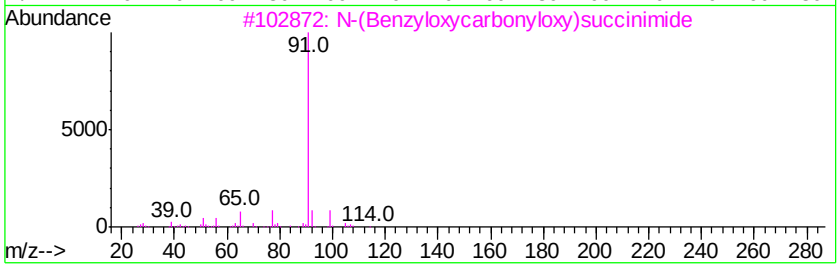
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	67.42 ng	13181300	Acenaphthene-d10	9.84

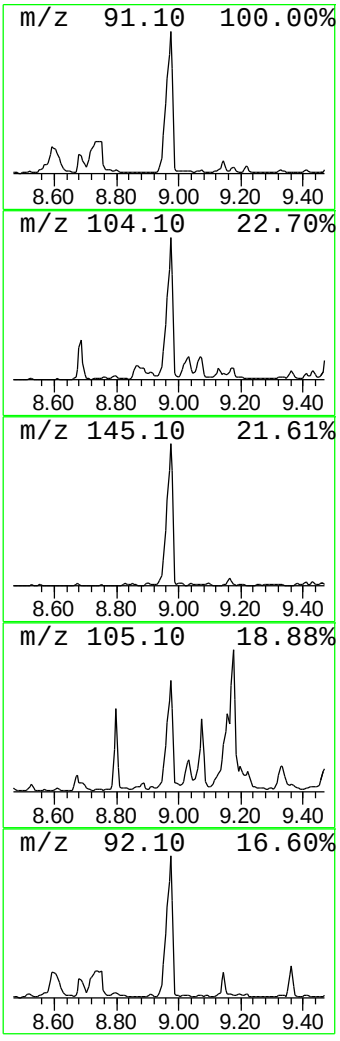
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenebutanenitrile	145	C10H11N	002046-18-6	95
2	2-Benzyloxy-4-bromobutane-1,3-diol	274	C11H15BrO3	1000191-12-1	35
3	N-(Benzyloxycarbonyloxy)succinimide	251	C12H13NO5	013139-17-8	35
4	But-3-yn-1-ol, 2-benzylamino-	175	C11H13NO	019699-35-5	35
5	4-Benzyloxyphenylacetonitrile	223	C15H13NO	000838-96-0	27











Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

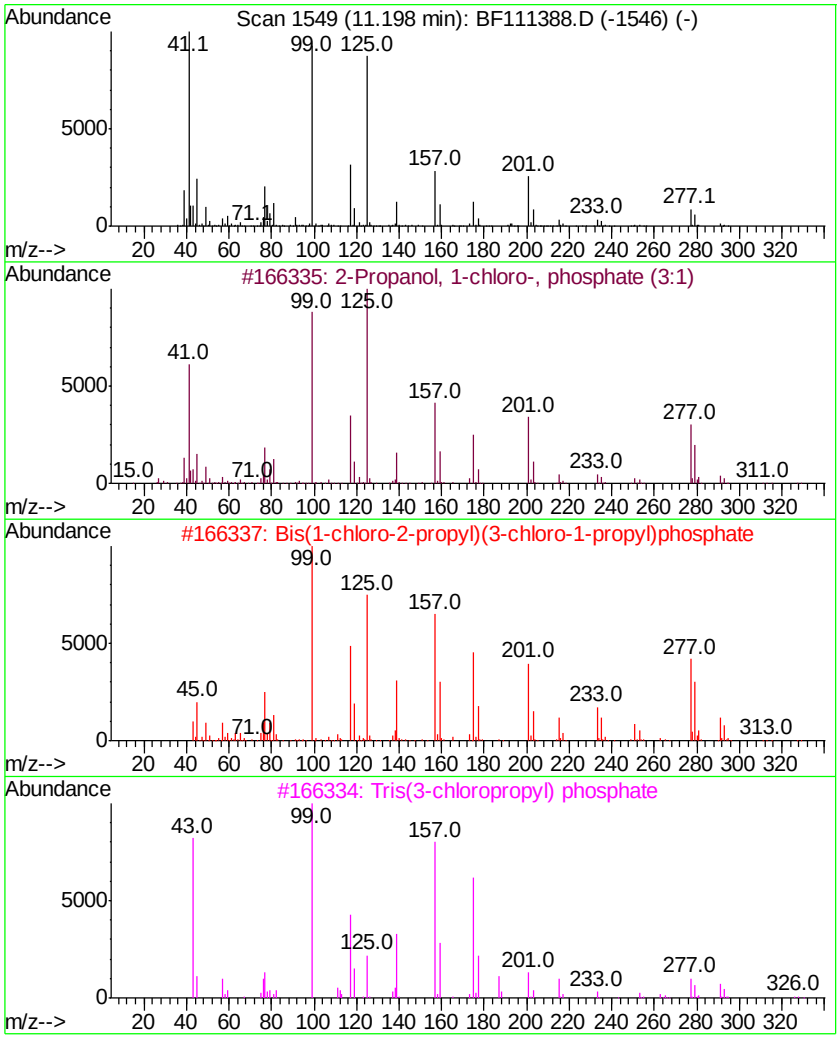
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

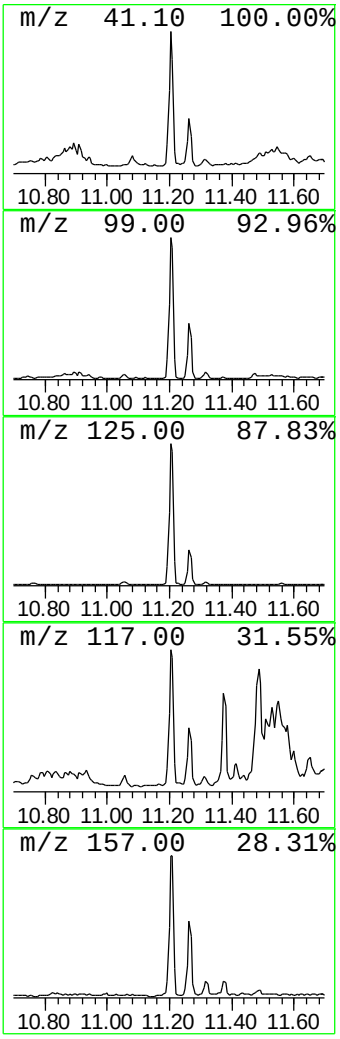
****

Peak Number 13 2-Propanol, 1-chloro-, phos... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	37.25 ng	4181760	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	94
2	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	59
3	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	25
4	Cholestan-3,22,26-triol	420	C27H48O3	1000252-39-8	12
5	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

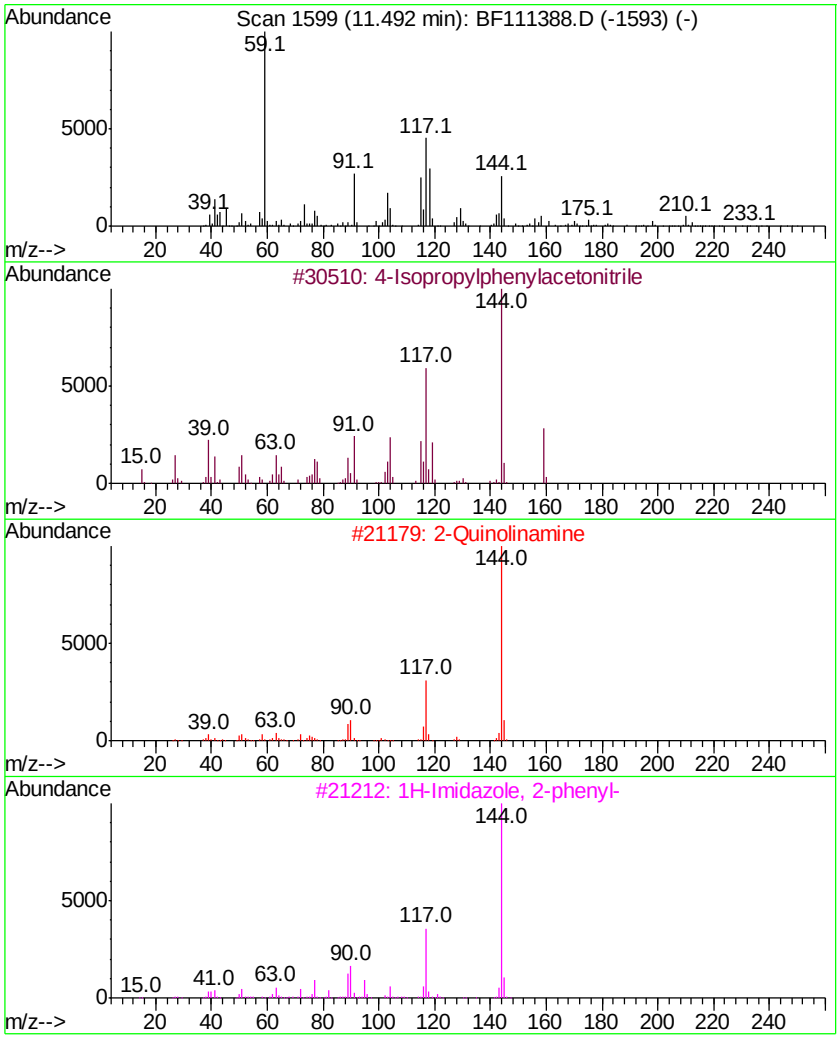
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

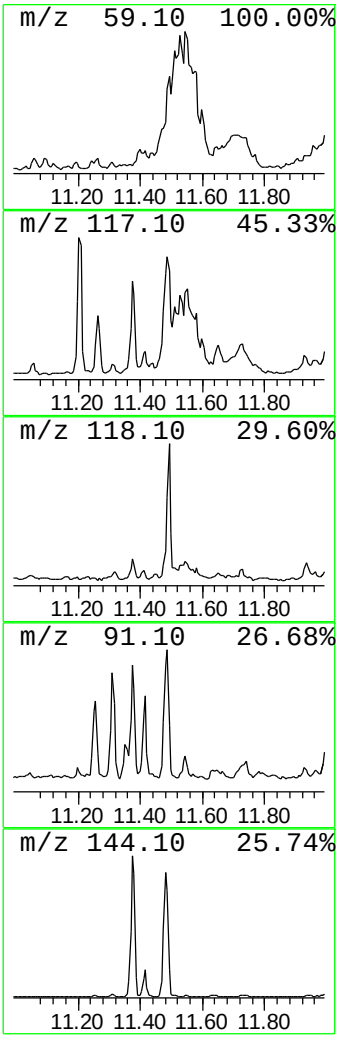
****

Peak Number 14 unknown11.49 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	25.30 ng	2839690	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropylphenylacetonitrile	159	C11H13N	004395-87-3	47
2	2-Quinolinamine	144	C9H8N2	000580-22-3	38
3	1H-Imidazole, 2-phenyl-	144	C9H8N2	000670-96-2	38
4	Phthalazine, 1-methyl-	144	C9H8N2	005004-46-6	38
5	1H-Imidazole, 1-phenyl-	144	C9H8N2	007164-98-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

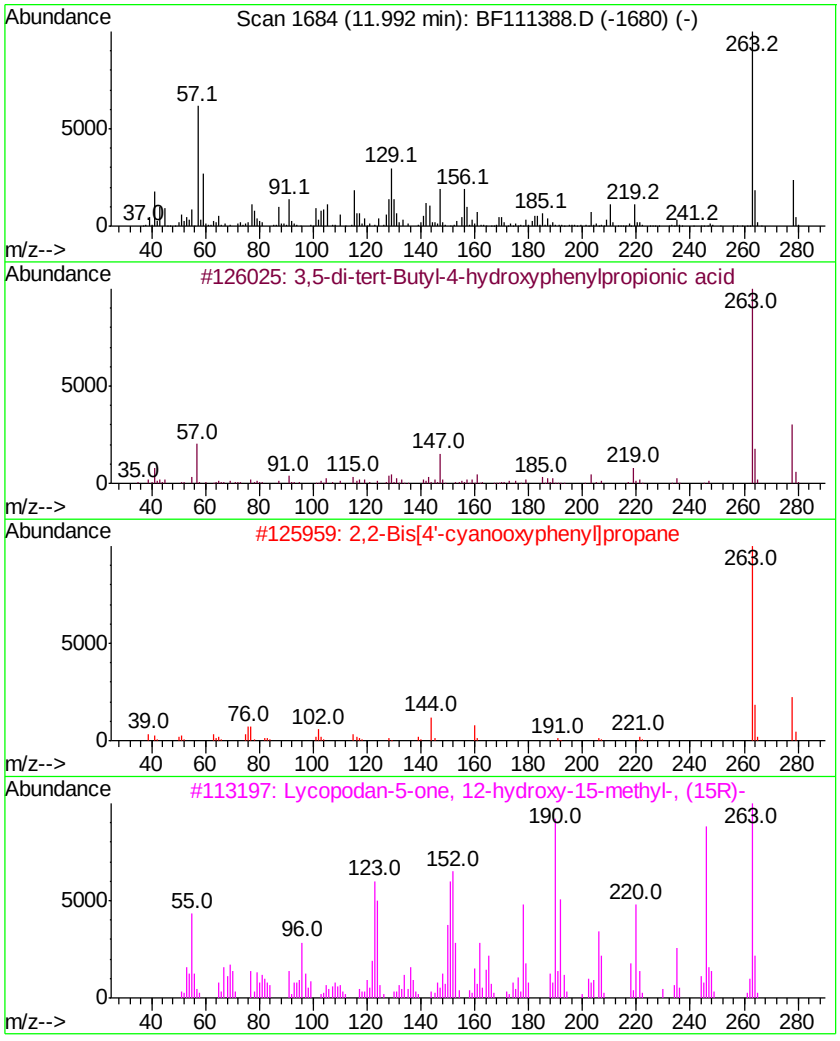
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

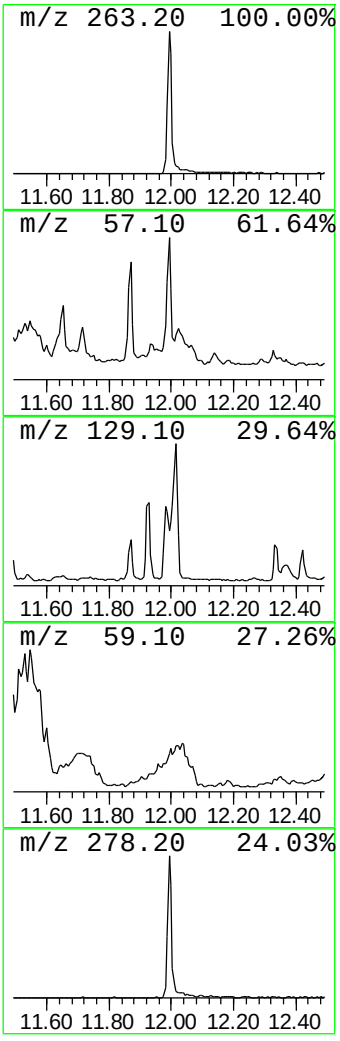
****

Peak Number 15 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	24.00 ng	2694780	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxyphenyl...	278	C17H26O3	020170-32-5	86
2	2,2-Bis[4'-cyanooxyphenyl]propane	278	C17H14N2O2	1000322-13-3	43
3	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	006900-92-1	42
4	Trimethyl(2,6 ditert.-butylpheno...	278	C17H30OSi	010416-73-6	32
5	6-Oxo-5-phenyl-2,3,5,6-tetrahydr...	263	C16H13N3O	087365-22-8	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

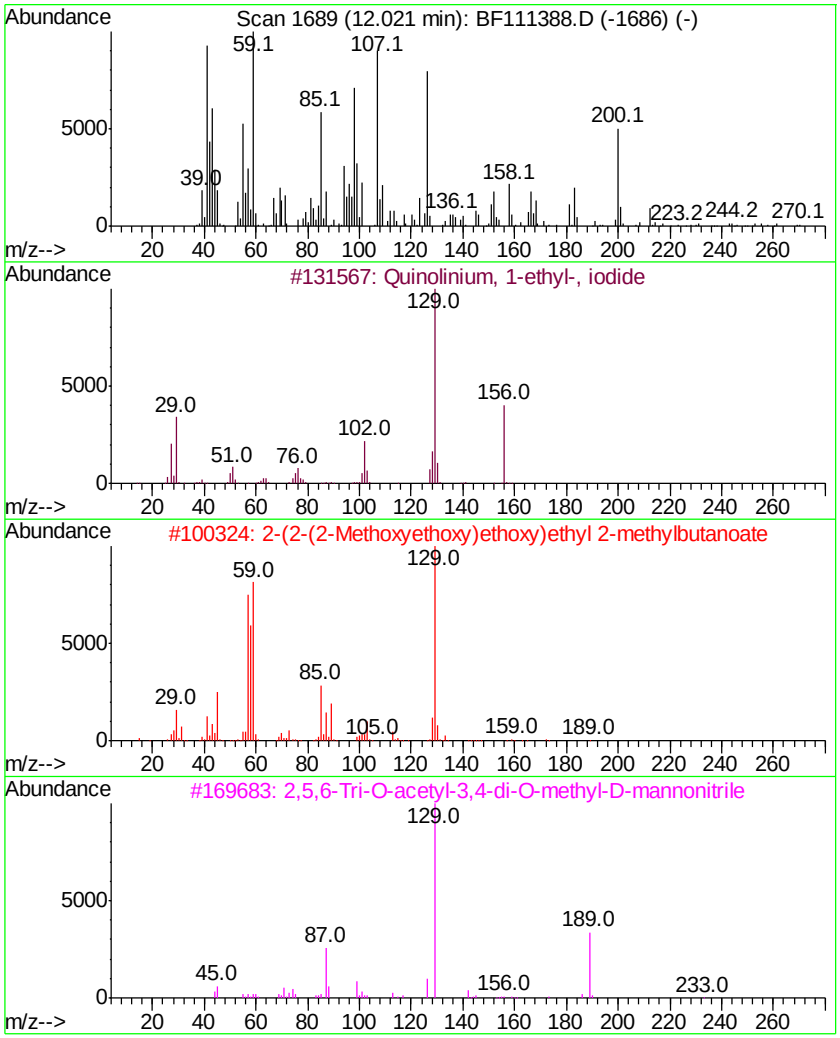
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

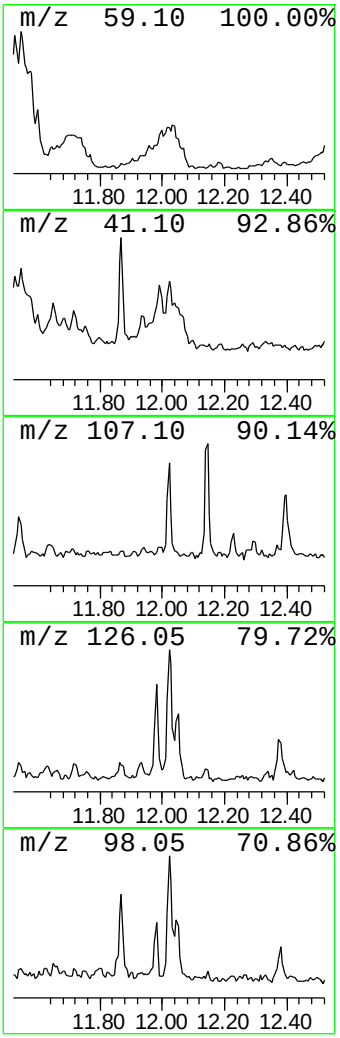
****

Peak Number 16 unknown12.02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	23.96 ng	2689810	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinolinium, 1-ethyl-, iodide	285	C11H12IN	000634-35-5	32
2	2-(2-(2-Methoxyethoxy)ethoxy)eth...	248	C12H24O5	1000366-97-4	32
3	2,5,6-Tri-O-acetyl-3,4-di-O-meth...	331	C14H21NO8	059061-09-5	27
4	Adipic acid, di(4-heptyl) ester	342	C20H38O4	1000349-75-4	27
5	Hexanedioic acid, dicyclohexyl e...	310	C18H30O4	000849-99-0	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

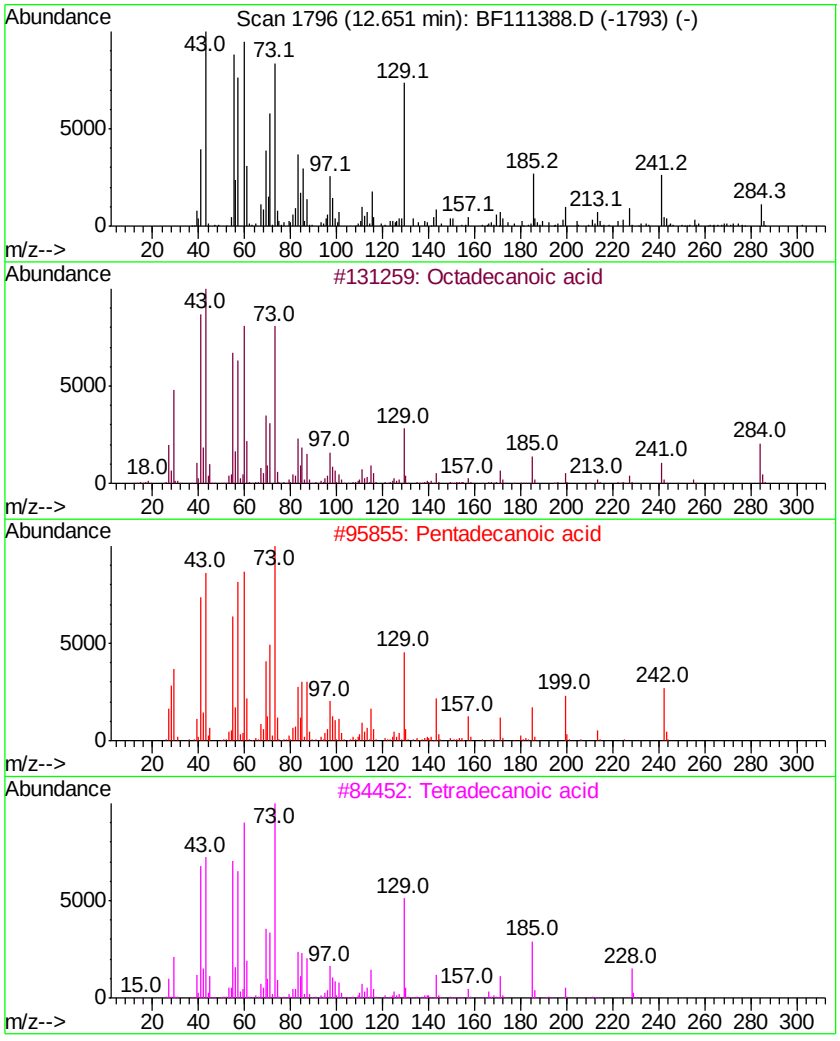
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

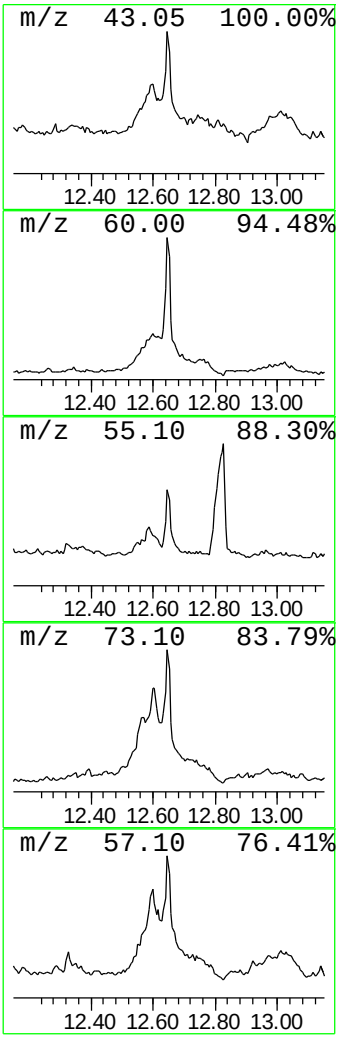
****

Peak Number 17 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	29.87 ng	1973200	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

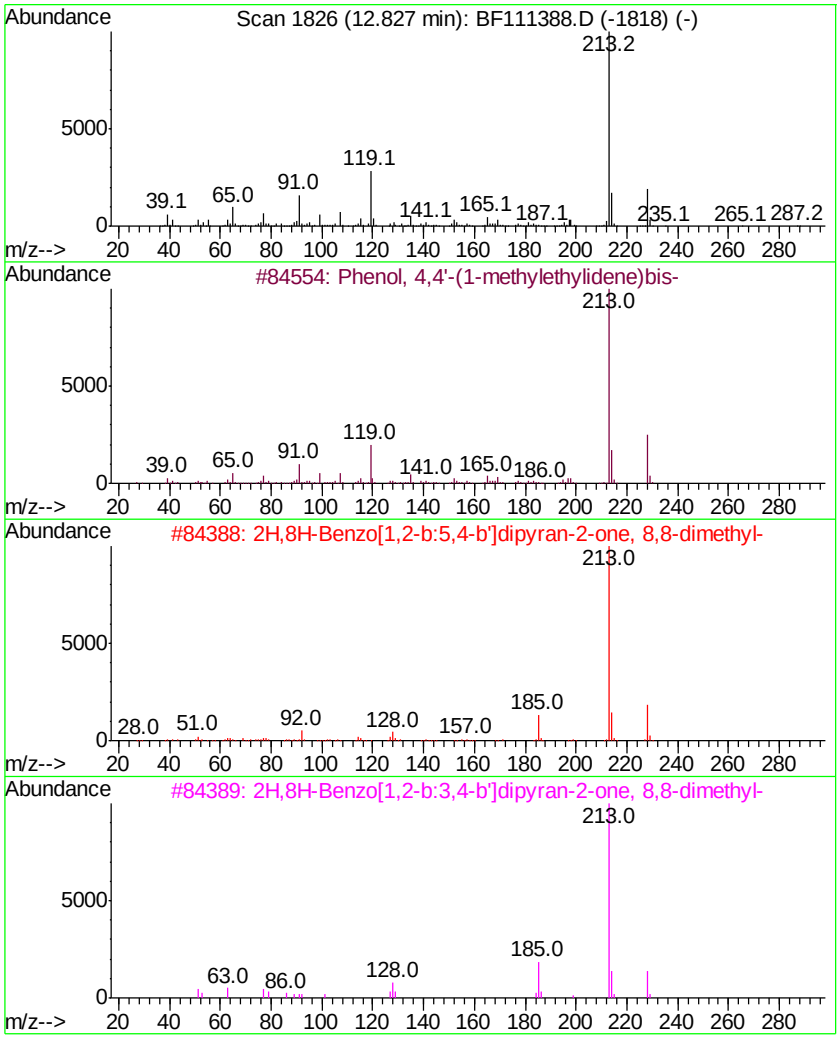
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

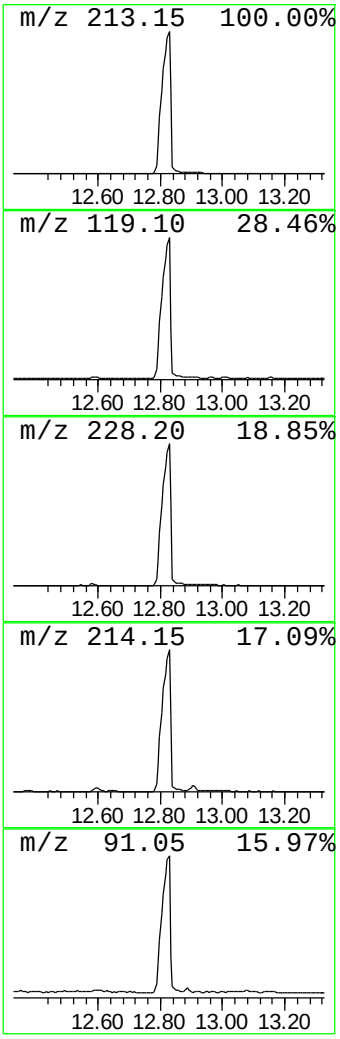
****

Peak Number 18 Phenol, 4,4'-(1-methylethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	265.35 ng	17526600	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	53
3	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	53
4	Phenol, 2-bromo-4-(1,1-dimethyle...	228	C10H13BrO	002198-66-5	50
5	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

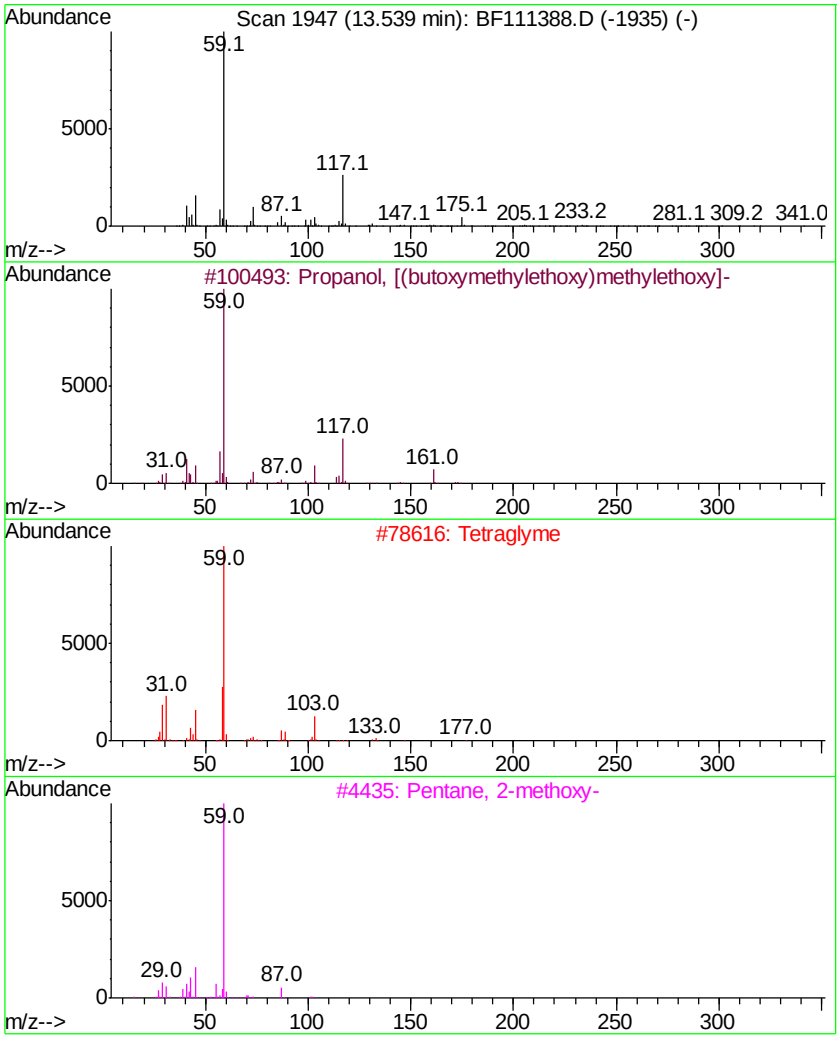
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

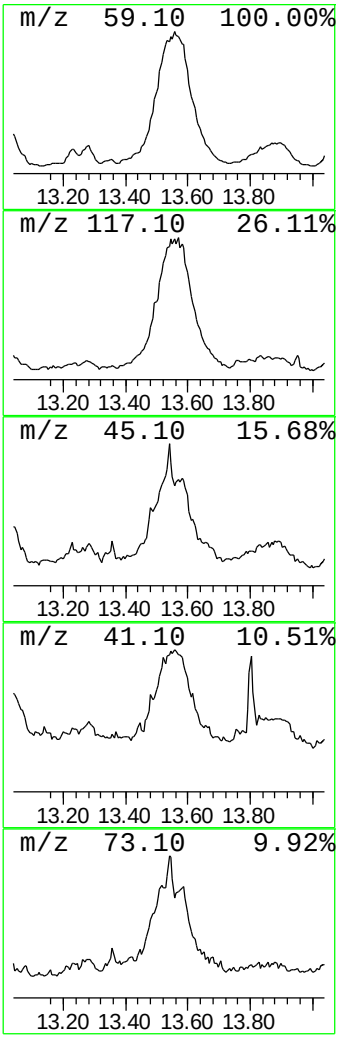
****

Peak Number 19 Propanol, [(butoxymethyleth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	35.93 ng	2373440	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanol, [(butoxymethylethoxy)m...	248	C13H28O4	055934-93-5	56
2	Tetraglyme	222	C10H22O5	000143-24-8	53
3	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	52
4	N-Formyl-d-threo-O-methylthreonine	161	C6H11NO4	1000214-69-5	50
5	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

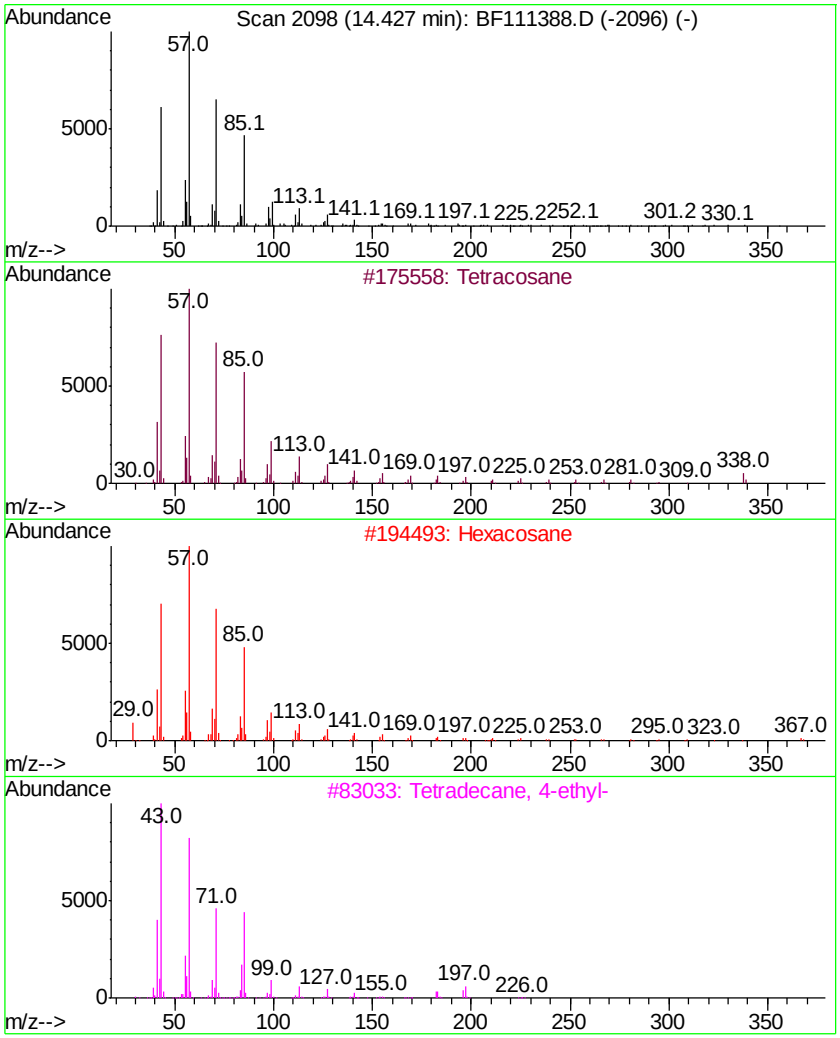
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

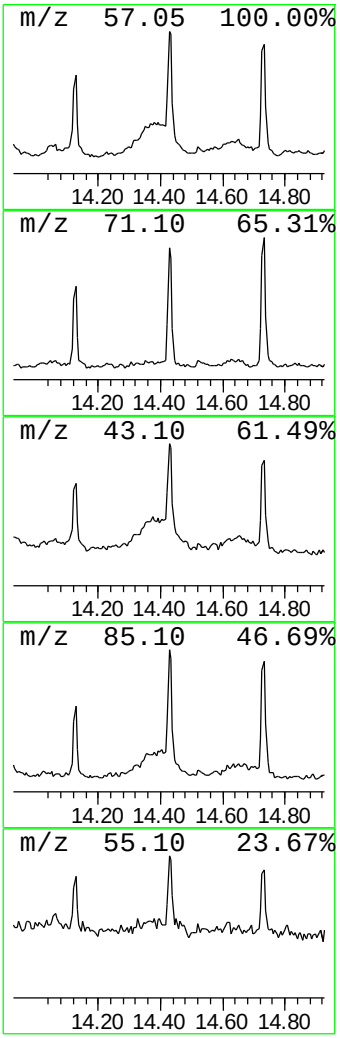
****

Peak Number 20 Tetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	24.55 ng	1621370	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Hexacosane	366	C26H54	000630-01-3	91
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5	Hentriacontane	437	C31H64	000630-04-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW005-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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
unknown7.51	7.51	60.7	ng	6093210	2	8.08	2008880	20.0
Oxirane-2-carboxy...	7.85	28.1	ng	2820760	2	8.08	2008880	20.0
Phenol, 4-ethyl-	7.87	42.8	ng	4293980	2	8.08	2008880	20.0
1H-Indole, 2,3-di...	7.90	28.7	ng	2883060	2	8.08	2008880	20.0
Boranamine, N,N,1...	8.20	21.8	ng	2192550	2	8.08	2008880	20.0
Phenol, 4-(1-meth...	8.28	255.9	ng	25703000	2	8.08	2008880	20.0
Benzothiazole	8.37	26.8	ng	2688100	2	8.08	2008880	20.0
1H-Inden-1-one, 2...	8.69	32.0	ng	3215820	2	8.08	2008880	20.0
unknown8.87	8.87	23.9	ng	2405450	2	8.08	2008880	20.0
Benzenebutanenitrile	8.97	67.4	ng	13181300	3	9.84	3910460	20.0
2-Propanol, 1-chl...	11.20	37.3	ng	4181760	4	11.32	2245220	20.0
unknown11.49	11.49	25.3	ng	2839690	4	11.32	2245220	20.0
3,5-di-tert-Butyl...	11.99	24.0	ng	2694780	4	11.32	2245220	20.0
unknown12.02	12.02	24.0	ng	2689810	4	11.32	2245220	20.0
Octadecanoic acid	12.65	29.9	ng	1973200	5	13.95	1321030	20.0
Phenol, 4,4'-(1-m...	12.83	265.4	ng	17526600	5	13.95	1321030	20.0
Propanol, [(butox...	13.54	35.9	ng	2373440	5	13.95	1321030	20.0
Tetracosane	14.43	24.6	ng	1621370	5	13.95	1321030	20.0