LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111383.D
Acq On : 13 Dec 2018 21:25
Operator : JU/SJ
Sample : J6305-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW003-01

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	3.734	271	280	289	rBV	1113831	1824459	5.62%	0.430%
2	3.840	289	298	303	rBV	2192314	3041144	9.36%	0.717%
3	4.275	362	372	375	rBV	2749903	4103845	12.64%	0.968%
4	5.022	490	499	503	rBV2	1410264	1890886	5.82%	0.446%
5	5.122	513	516	520	rBV	1525913	1546792	4.76%	0.365%
6	5.222	528	533	539	rBV	872883	1130934	3.48%	0.267%
7	5.275	539	542	546	rBV2	954407	993546	3.06%	0.234%
8	5.381	556	560	565	rBV	1833696	3002638	9.25%	0.708%
9	5.434	565	569	572	rVB	2802005	3538516	10.90%	0.835%
10	5.539	579	587	588	rBV	694202	1144878	3.53%	0.270%
11	5.598	592	597	600	rBV	859234	917121	2.82%	0.216%
12	5.639	600	604	607	rBV2	1478518	1974923	6.08%	0.466%
13	5.781	620	628	631	rVV	5395219	9183761	28.28%	2.166%
14	6.210	697	701	707	rBV4	579948	1252533	3.86%	0.295%
15	6.322	716	720	723	rBV2	1077796	1064244	3.28%	0.251%
16	6.357	723	726	731	rVB3	708418	907860	2.80%	0.214%
17	6.481	737	747	749	rBV2	8829916	20452209	62.97%	4.824%
18	6.581	760	764	767	rVB	6443523	7095906	21.85%	1.674%
19	6.628	769	772	774	rBV	1392585	1103062	3.40%	0.260%
20	6.657	774	777	779	rVV	2735414	2570197	7.91%	0.606%
21	6.686	779	782	785	rVV	2444925	2499753	7.70%	0.590%
22	6.734	785	790	792	rVV5	638025	792652	2.44%	0.187%
23	6.775	792	797	799	rVV	1849166	2448675	7.54%	0.578%
24	6.798	799	801	804	rVB	2381799	1773779	5.46%	0.418%
25	6.875	812	814	816	rBV	1152466	1225917	3.77%	0.289%
26	6.957	823	828	830	rBV	6196283	6609872	20.35%	1.559%
27	6.986	830	833	838	rVB3	3406866	3696240	11.38%	0.872%
28	7.086	842	850	854	rBV	3481144	6988999	21.52%	1.649%
29	7.122	854	856	859	rVB2	1848304	1955359	6.02%	0.461%
30	7.151	859	861	863	rBV3	923665	1013196	3.12%	0.239%
31	7.175	863	865	867	rVB	1474103	1144093	3.52%	0.270%
32	7.222	867	873	875	rBV2	2682608	3042630	9.37%	0.718%
33	7.257	875	879	882	rVB2	4992160	5959954	18.35%	1.406%
34	7.286	882	884	890	rVB3	994042	1140584	3.51%	0.269%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111383.D
Acq On : 13 Dec 2018 21:25
Operator : JU/SJ
Sample : J6305-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW003-01

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	7.369	890	898	901	rBV2	6485636	8990266	27.68%	2.121%
36	7.416	901	906	909	rBV	1274815	1403048	4.32%	0.331%
37	7.510	914	922	925	rBV	5540917	6329673	19.49%	1.493%
38	7.575	928	933	934	rBV2	632067	890115	2.74%	0.210%
39	7.657	940	947	950	rVB3	1954229	4684720	14.42%	1.105%
40	7.698	950	954	956	rBV4	1071134	981688	3.02%	0.232%
41	7.792	960	970	975	rBV4	3900750	12436753	38.29%	2.934%
42	7.845	975	979	983	rVB2	1924519	2383248	7.34%	0.562%
43	7.898	983	988	996	rBV2	3780916	5832760	17.96%	1.376%
44	7.975	996	1001	1002	rBV2	1835495	2303736	7.09%	0.543%
45	8.039	1002	1012	1016	rVV2	9693321	19205187	59.13%	4.530%
46	8.080	1016	1019	1022	rVB3	3697703	3720508	11.46%	0.878%
47	8.139	1027	1029	1032	rVB2	861014	773020	2.38%	0.182%
48	8.198	1036	1039	1044	rVB2	1920123	2251762	6.93%	0.531%
49	8.286	1044	1054	1058	rBV	8840291	20450449	62.97%	4.824%
50	8.328	1058	1061	1064	rVB2	1964177	1836001	5.65%	0.433%
51	8.369	1064	1068	1071	rVB4	3305091	3725473	11.47%	0.879%
52	8.410	1071	1075	1080	rVB4	2721920	3335176	10.27%	0.787%
53	8.469	1080	1085	1090	rBV5	1401419	2593167	7.98%	0.612%
54	8.510	1090	1092	1097	rVB2	992049	927939	2.86%	0.219%
55	8.604	1097	1108	1110	rBV	9388634	18068102	55.63%	4.262%
56	8.645	1110	1115	1118	rBV4	1021975	1524083	4.69%	0.359%
57	8.686	1119	1122	1123	rBV3	1649952	1726175	5.32%	0.407%
58	8.751	1129	1133	1137	rVB4	3517432	5738244	17.67%	1.354%
59	8.828	1143	1146	1148	rVB3	1175495	1108717	3.41%	0.262%
60	8.975	1165	1171	1174	rVB	8619060	11291506	34.77%	2.663%
61	9.057	1181	1185	1188	rVV4	1071605	2038736	6.28%	0.481%
62	9.110	1189	1194	1196	rVV2	2318239	3210042	9.88%	0.757%
63	9.163	1196	1203	1206	rVV3	9326250	11898029	36.63%	2.806%
64	9.204	1206	1210	1213	rVV4	2000101	3077586	9.48%	0.726%
65	9.245	1214	1217	1221	rVB4	1381068	1625534	5.01%	0.383%
66	9.369	1235	1238	1241	rVB3	1076895	1158350	3.57%	0.273%
67	9.422	1241	1247	1250	rBV2	1941887	3601993	11.09%	0.850%
68	9.451	1250	1252	1254	rVB	1509286	1079996	3.33%	0.255%
69	9.527	1261	1265	1266	rBV3	2416099	2978899	9.17%	0.703%
70	9.545	1266	1268	1270	rVB2	2730797	2610589	8.04%	0.616%
71	9.663	1277	1288	1290	rBV	12906244	32477244	100.00%	7.661%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111383.D
Acq On : 13 Dec 2018 21:25
Operator : JU/SJ
Sample : J6305-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW003-01

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	9.733	1297	1300	1304	rBV3	1447996	1419180	4.37%	0.335%
73	9.780	1304	1308	1311	rBV2	2538690	3383081	10.42%	0.798%
74	9.839	1314	1318	1321	rVB3	2510711	2437459	7.51%	0.575%
75	9.904	1326	1329	1331	rBV2	1055506	1174180	3.62%	0.277%
76	10.098	1357	1362	1366	rVB	6055092	6645769	20.46%	1.568%
77	10.269	1388	1391	1394	rBV5	1523104	2022208	6.23%	0.477%
78	10.322	1397	1400	1401	rBV	1522828	1182079	3.64%	0.279%
79	10.480	1422	1427	1429	rBV2	2189932	2958272	9.11%	0.698%
80	10.639	1451	1454	1459	rVB	3533555	3199336	9.85%	0.755%
81	10.745	1469	1472	1473	rBV	1571151	1361555	4.19%	0.321%
82	10.886	1494	1496	1499	rVB3	884691	911121	2.81%	0.215%
83	10.980	1506	1512	1515	rBV	11680949	18757782	57.76%	4.424%
84	11.092	1528	1531	1535	rVB2	1309380	1580688	4.87%	0.373%
85	11.216	1546	1552	1557	rBV4	2864809	4795050	14.76%	1.131%
86	11.269	1559	1561	1565	rVB2	1112301	1055970	3.25%	0.249%
87	11.321	1567	1570	1574	rBV2	2139017	2049331	6.31%	0.483%
88	11.363	1574	1577	1579	rBV	2799275	2938548	9.05%	0.693%
89	11.492	1595	1599	1602	rBV3	1856752	2396667	7.38%	0.565%
90	11.663	1623	1628	1632	rVV2	1784990	2550404	7.85%	0.602%
91	11.727	1636	1639	1643	rVB2	940176	1137993	3.50%	0.268%
92	11.874	1661	1664	1668	rVB	1737779	1521807	4.69%	0.359%
93	12.016	1683	1688	1703	rVB3	3490474	7336895	22.59%	1.731%
94	12.133	1703	1708	1711	rBV	7382175	8599311	26.48%	2.028%
95	12.598	1784	1787	1790	rBV3	1034575	1488405	4.58%	0.351%
96	12.651	1794	1796	1806	rVB	1662308	2372691	7.31%	0.560%
97	12.821	1818	1825	1828	rBV	6818375	10366255	31.92%	2.445%
98	12.910	1836	1840	1843	rBV	4780701	4462544	13.74%	1.053%
99	13.145	1877	1880	1883	rBV	2782114	2890428	8.90%	0.682%
100	13.957	2015	2018	2024	rVB2	1488333	1658169	5.11%	0.391%

Sum of corrected areas: 423952849

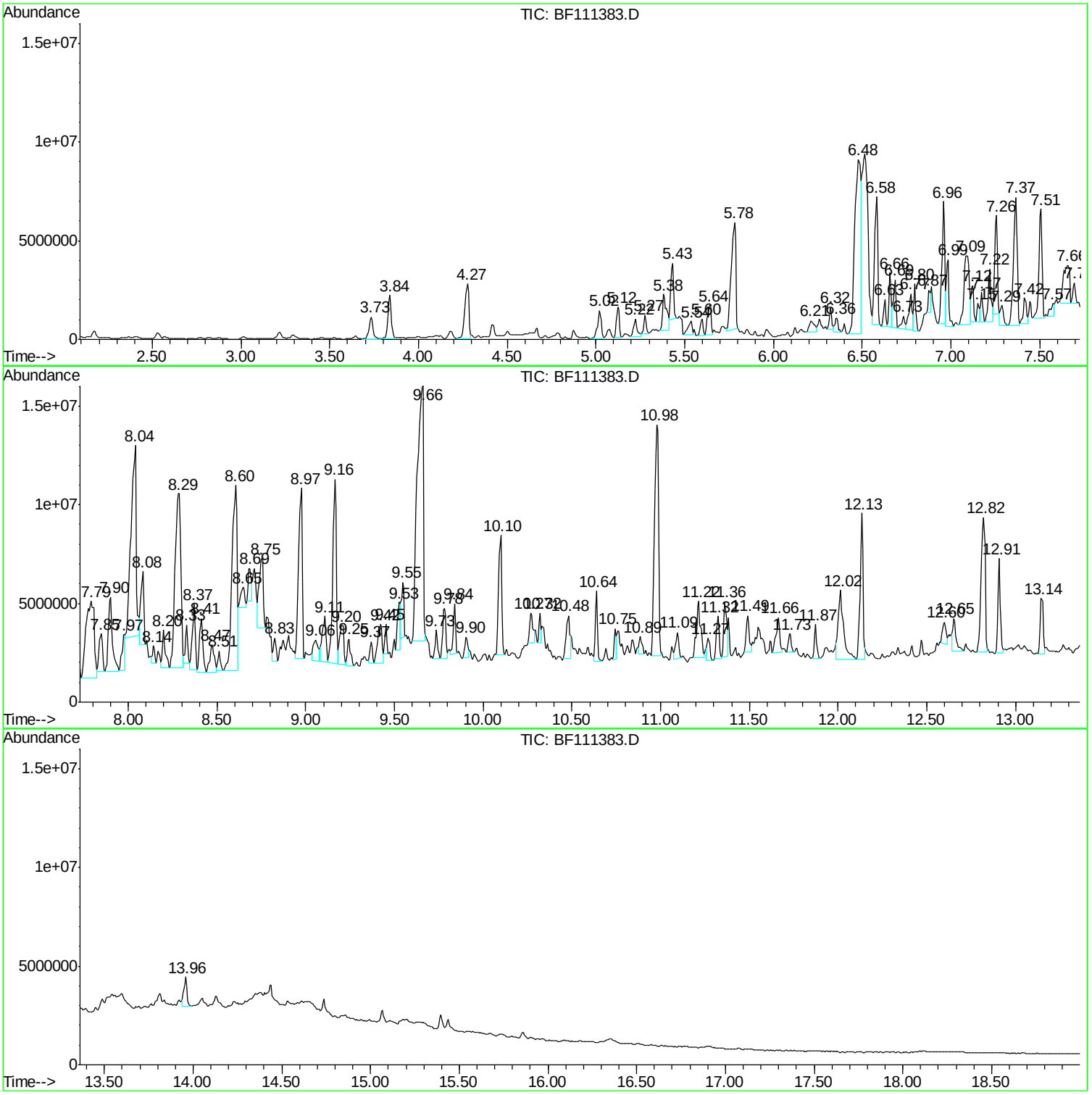
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111383.D
Acq On : 13 Dec 2018 21:25
Operator : JU/SJ
Sample : J6305-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW003-01

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111383.D
Acq On : 13 Dec 2018 21:25
Operator : JU/SJ
Sample : J6305-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW003-01

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

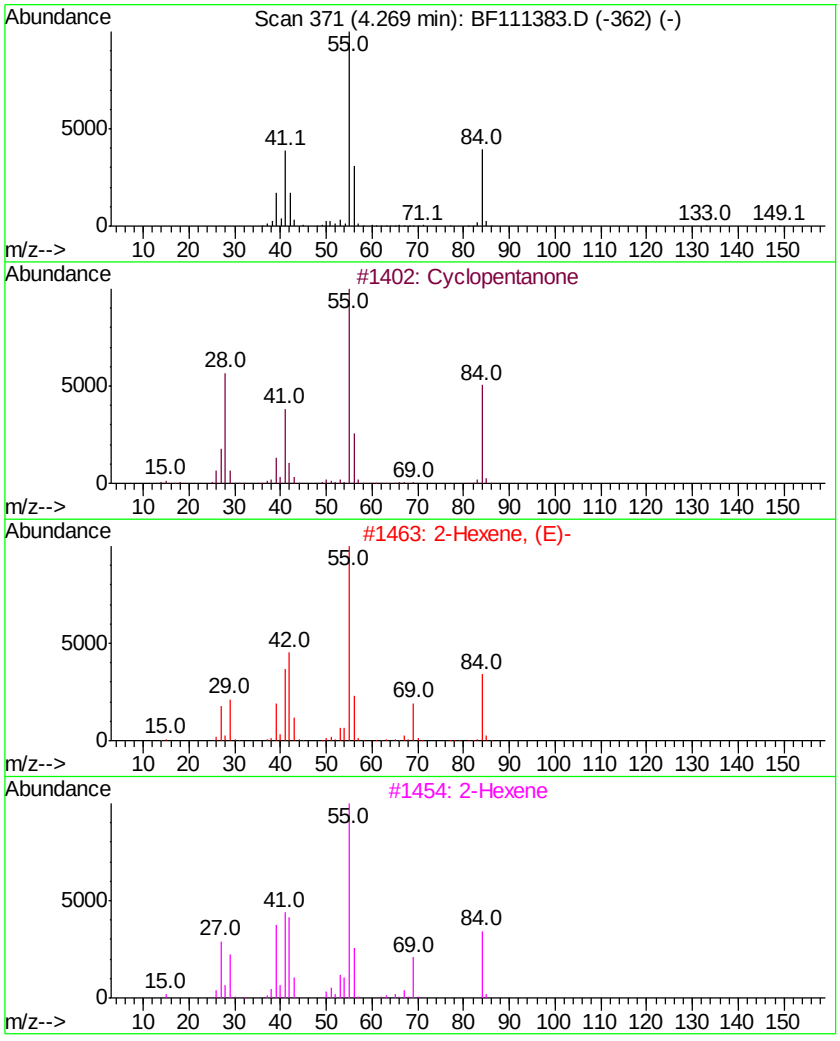
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

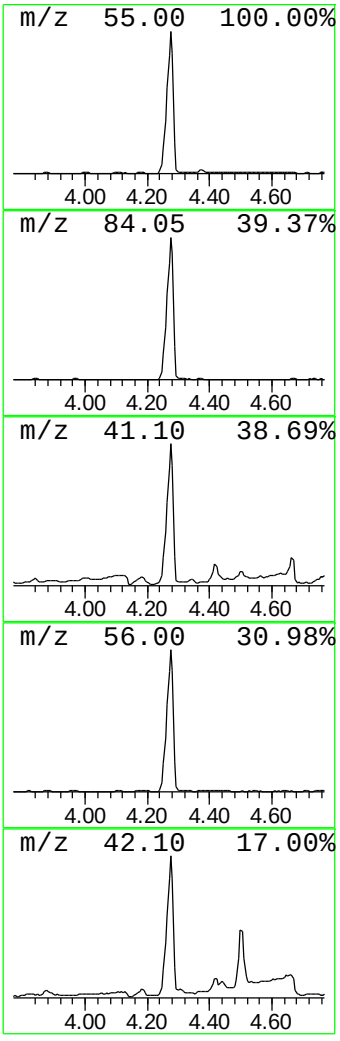
****

Peak Number 2 Cyclopentanone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	46.27 ng	4103850	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone	84	C5H8O	000120-92-3	91
2	2-Hexene, (E)-	84	C6H12	004050-45-7	64
3	2-Hexene	84	C6H12	000592-43-8	64
4	3-Hexene, (Z)-	84	C6H12	007642-09-3	53
5	1H-Tetrazole, 1-methyl-	84	C2H4N4	016681-77-9	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111383.D
Acq On : 13 Dec 2018 21:25
Operator : JU/SJ
Sample : J6305-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW003-01

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

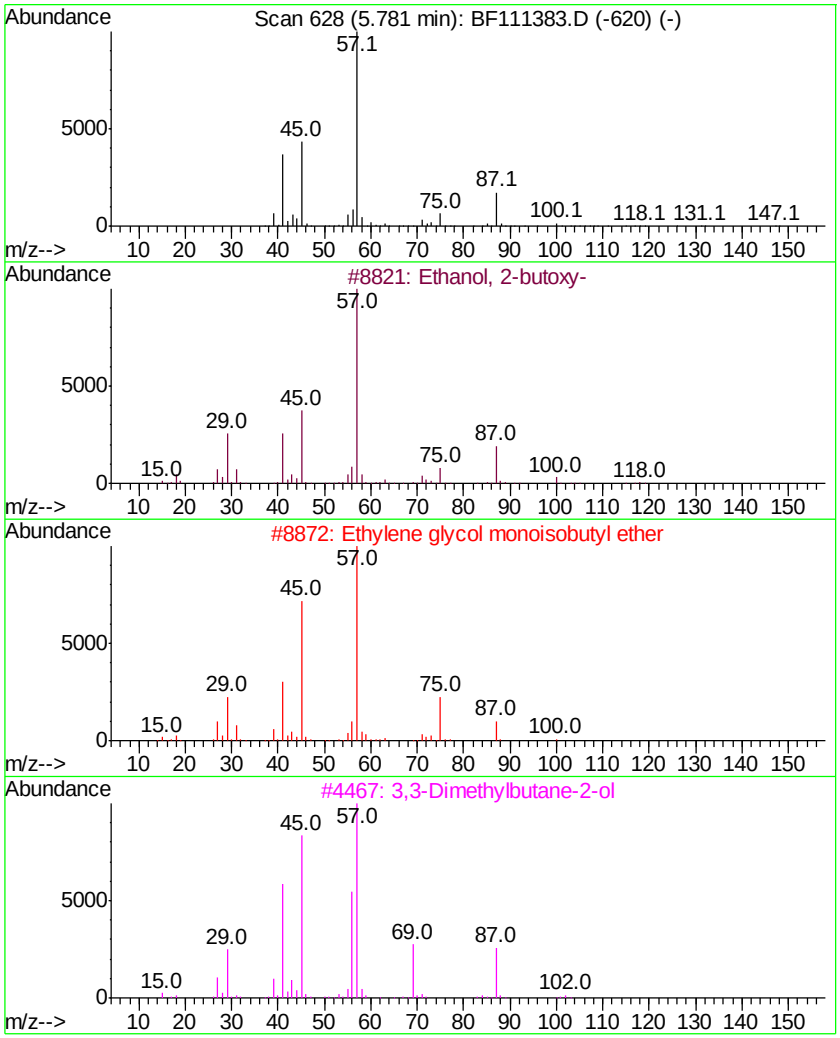
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

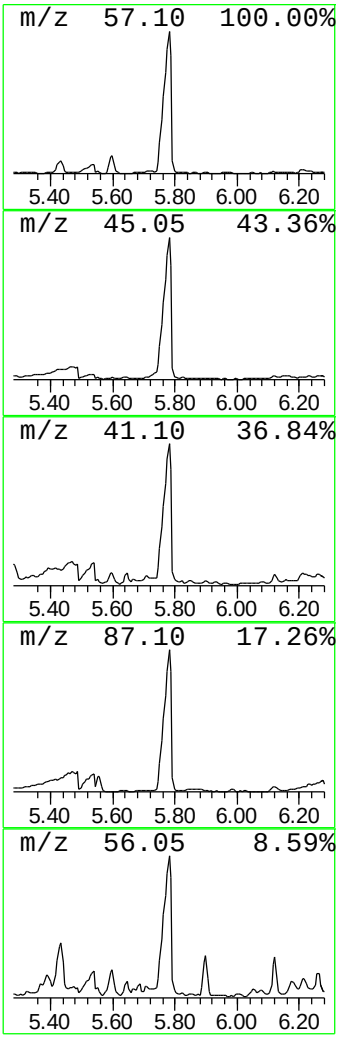
****

Peak Number 4 Ethanol, 2-butoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	103.55 ng	9183760	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	42
4	n-Butyl ether	130	C8H18O	000142-96-1	16
5	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111383.D
Acq On : 13 Dec 2018 21:25
Operator : JU/SJ
Sample : J6305-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW003-01

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

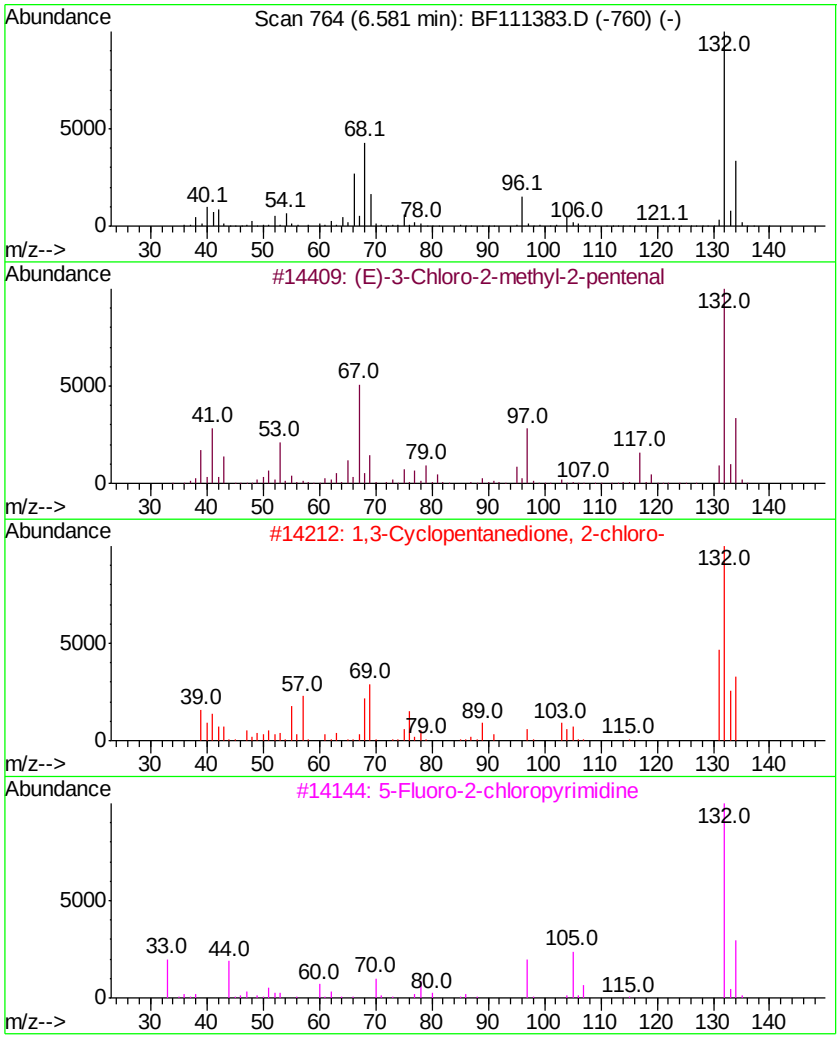
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

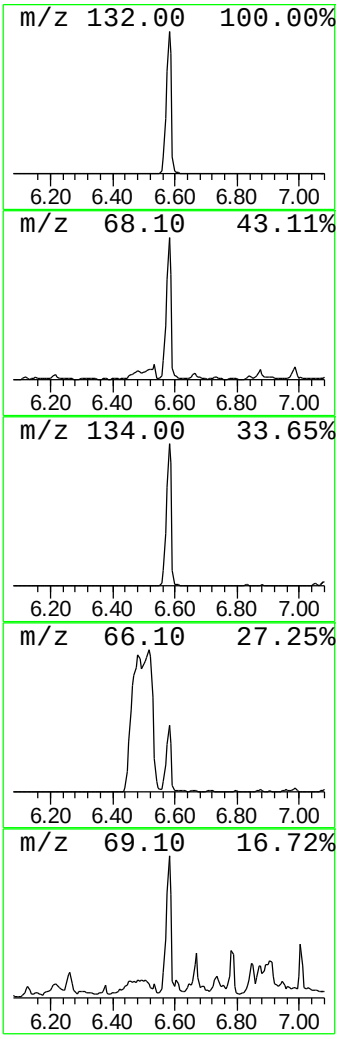
****

Peak Number 5 unknown6.58 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	80.01 ng	7095910	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	Xenon	132	Xe	007440-63-3	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111383.D
Acq On : 13 Dec 2018 21:25
Operator : JU/SJ
Sample : J6305-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW003-01

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

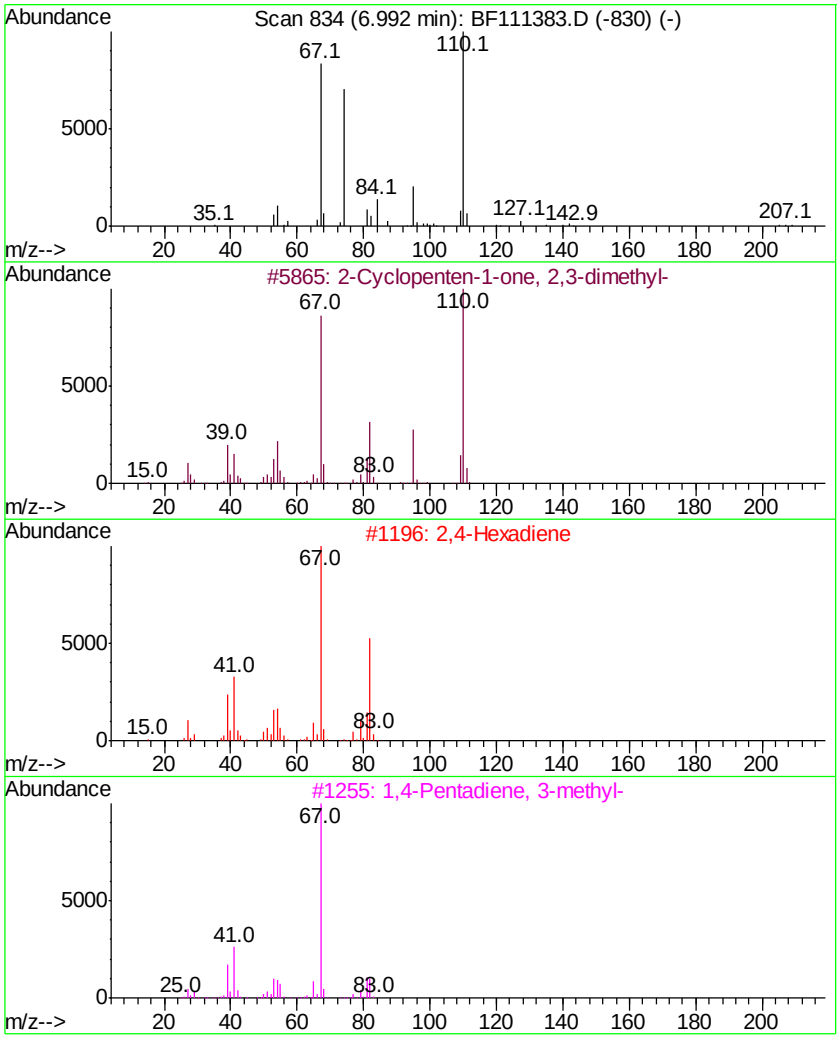
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

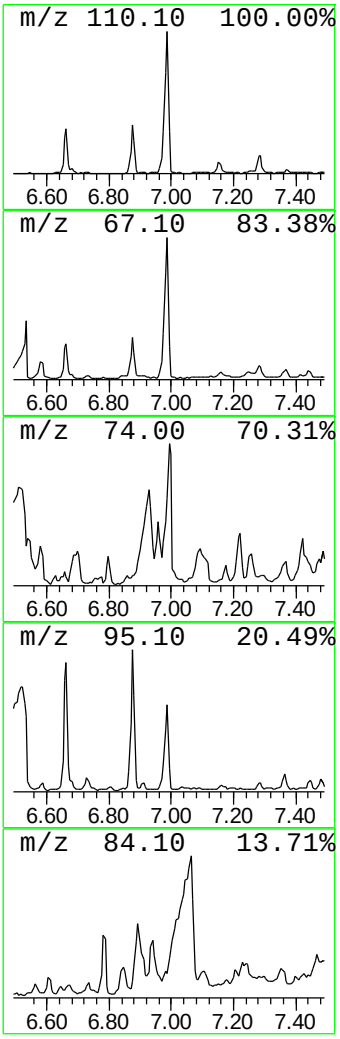
****

Peak Number 7 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	41.68 ng	3696240	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	94
2	2,4-Hexadiene	82	C6H10	000592-46-1	41
3	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	38
4	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	38
5	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111383.D
Acq On : 13 Dec 2018 21:25
Operator : JU/SJ
Sample : J6305-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW003-01

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

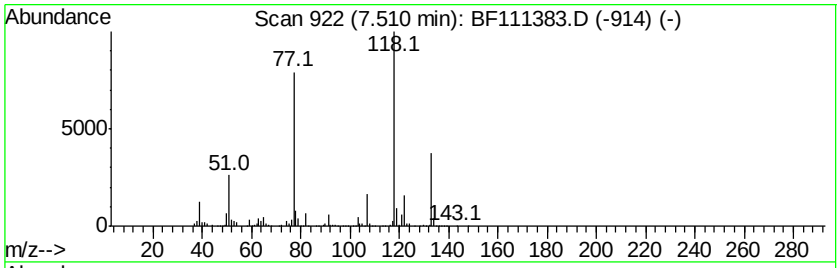
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

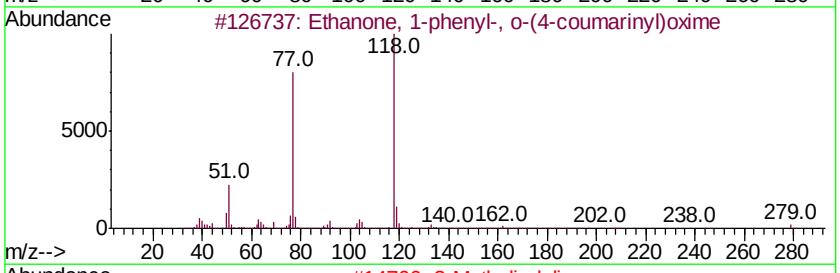
****

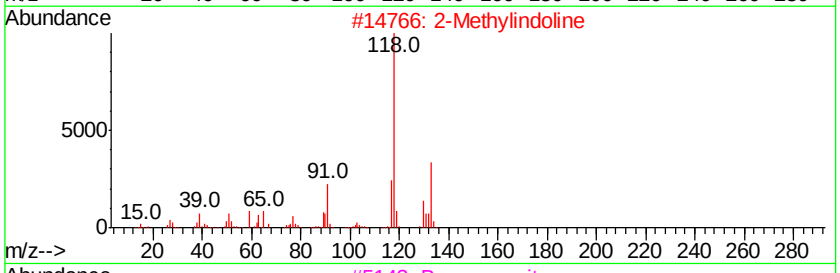
Peak Number 8 Ethanone, 1-phenyl-, o-(4-c... Concentration Rank 18

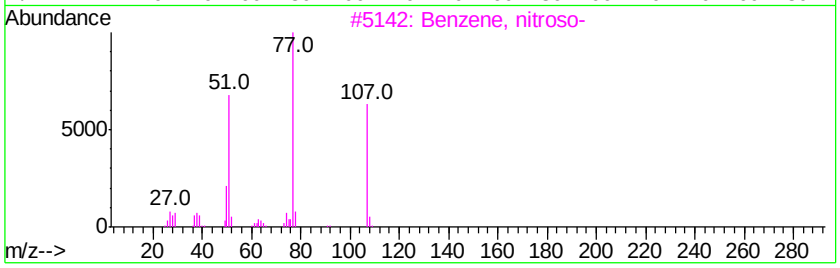
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	34.03 ng	6329670	Naphthalene-d8	8.08

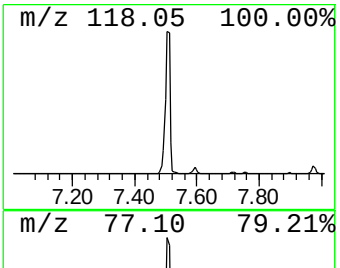
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-phenyl-, o-(4-coumar...	279	C17H13NO3	034605-11-3	50
2	2-Methylindoline	133	C9H11N	006872-06-6	38
3	Benzene, nitroso-	107	C6H5NO	000586-96-9	35
4	2-Pyridylacetonitrile	118	C7H6N2	002739-97-1	27
5	Methanamine, N-(1-phenylethylide...	133	C9H11N	006907-71-7	25

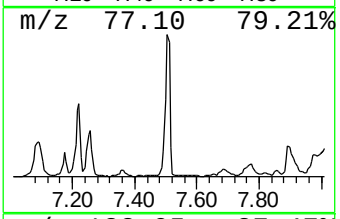


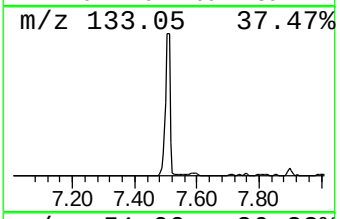


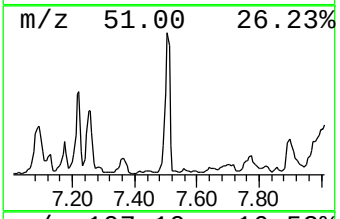


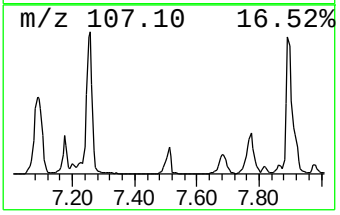












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Data File : BF111383.D
Acq On : 13 Dec 2018 21:25
Operator : JU/SJ
Sample : J6305-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW003-01

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

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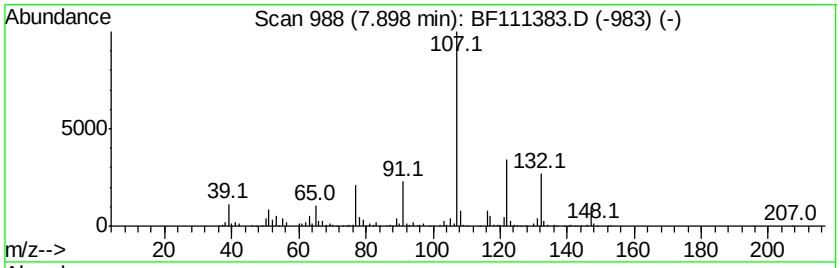
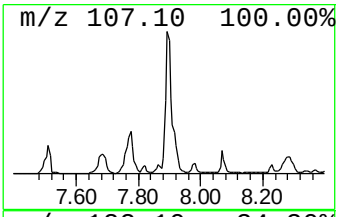
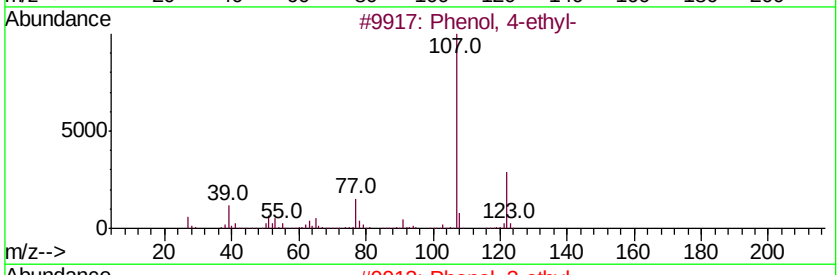
Peak Number 9 Phenol, 4-ethyl- Concentration Rank 20

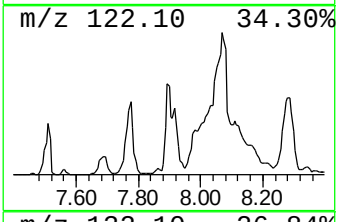
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	31.35 ng	5832760	Naphthalene-d8	8.08

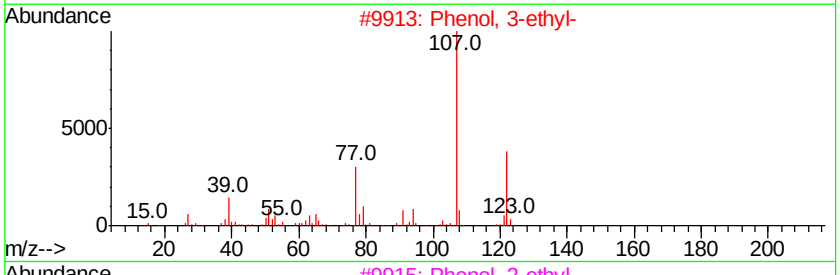
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	93
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	68
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	64
4	3-(4-Hydroxyphenyl)propionitrile	147	C9H9NO	017362-17-3	58
5	Phenol, 2-propyl-	136	C9H12O	000644-35-9	47

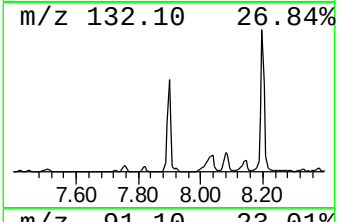


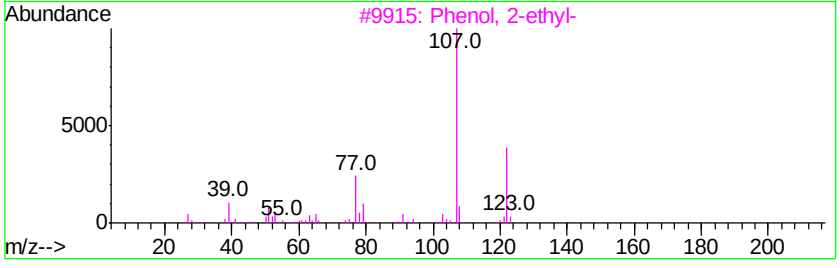


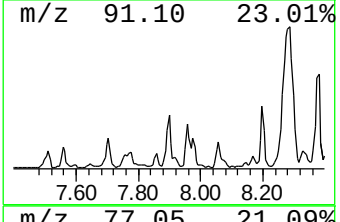


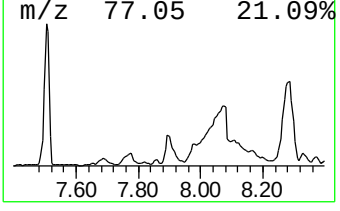












Library Search Compound Report

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Acq On : 13 Dec 2018 21:25
Operator : JU/SJ
Sample : J6305-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW003-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

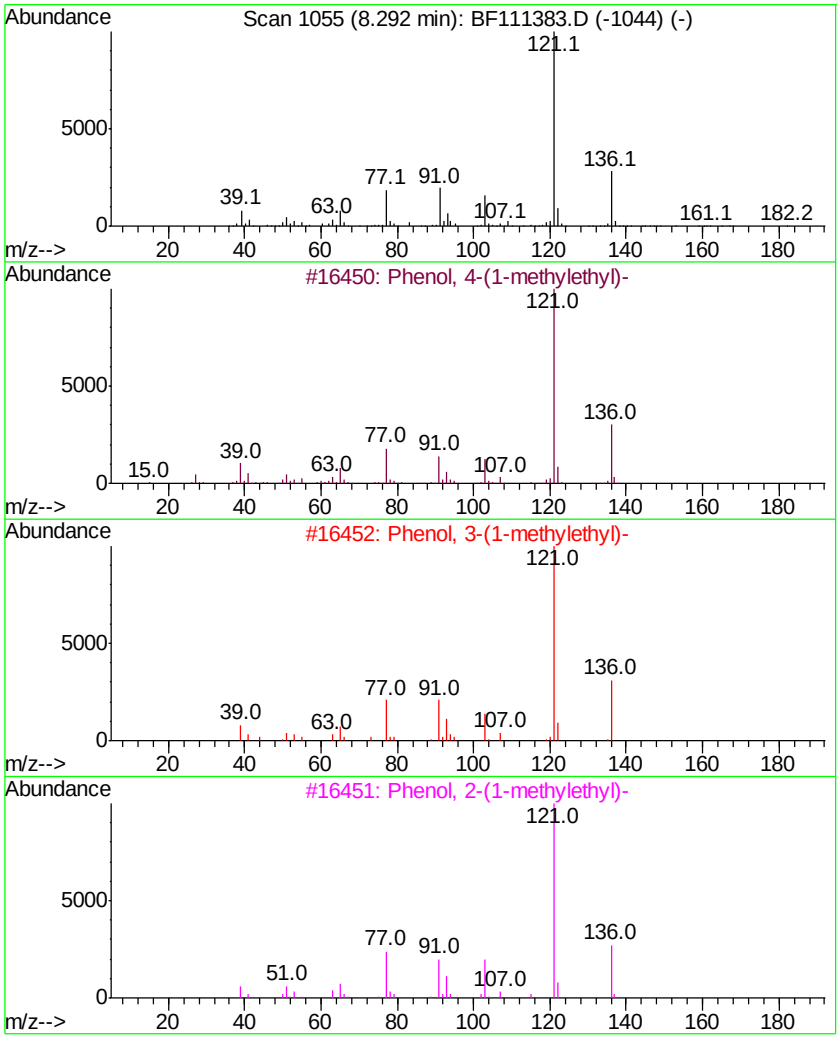
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

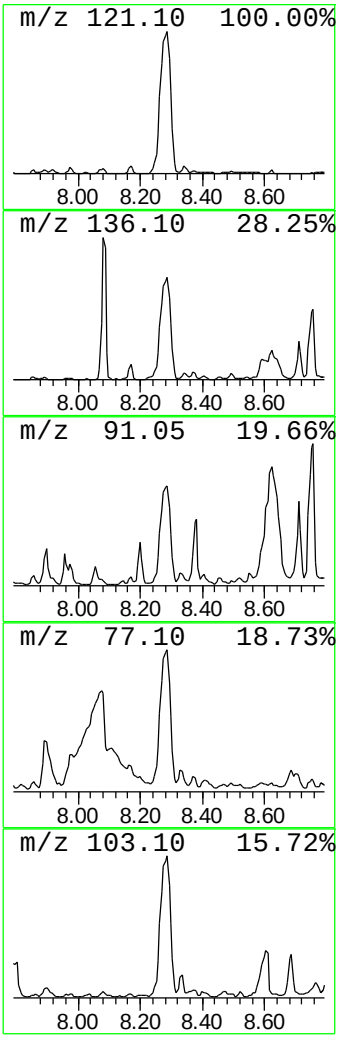
****

Peak Number 10 Phenol, 4-(1-methylethyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	109.93 ng	20450400	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, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	90
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	90
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	86
5	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	80





Library Search Compound Report

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Sample : J6305-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW003-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

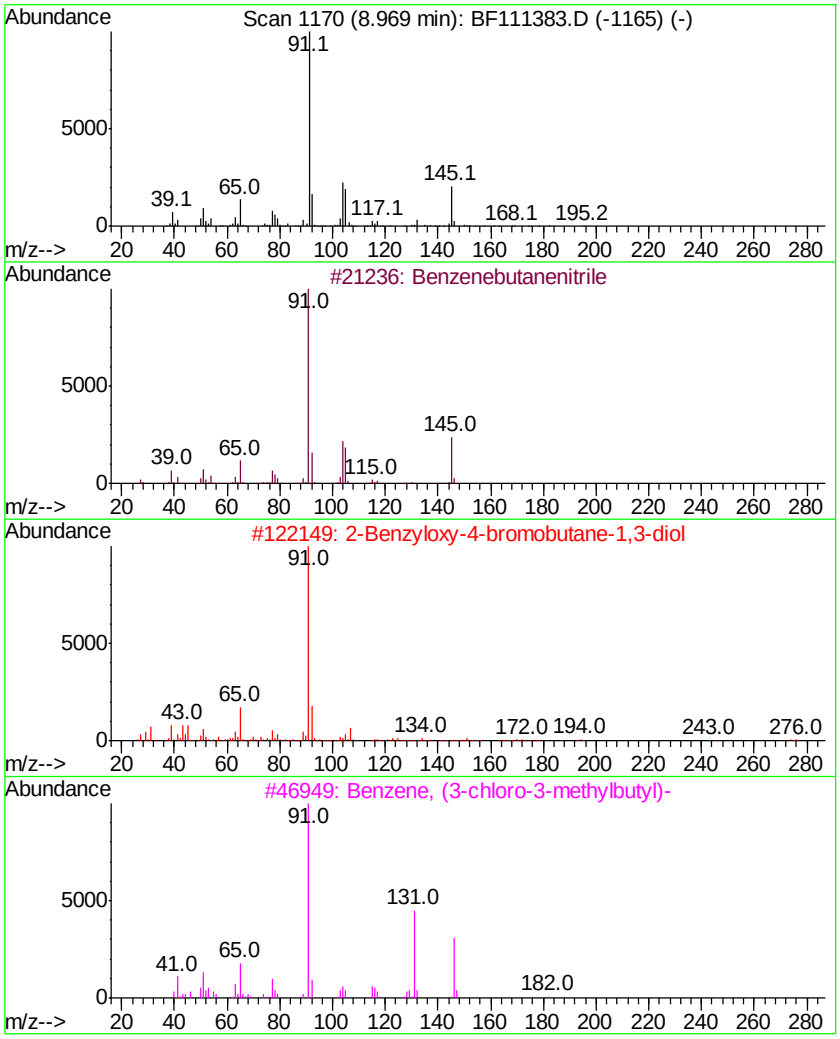
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

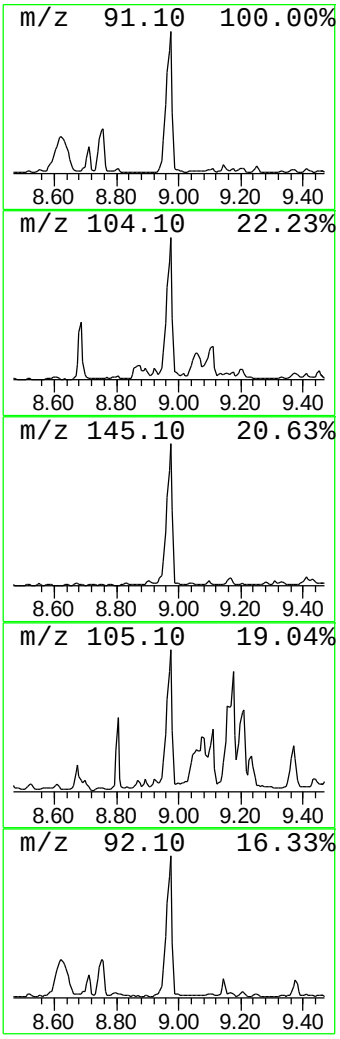
****

Peak Number 12 Benzenebutanenitrile Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	92.65 ng	11291500	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	Benzene, (3-chloro-3-methylbutyl)-	182	C11H15Cl	004830-95-9	35
4	Benzene, (3-methyl-3-butenyl)-	146	C11H14	006683-51-8	35
5	N-Carboxybenzyl-S-benzylcysteine	345	C18H19NO4S	005619-12-5	35





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Sample : J6305-03
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Instrument : BNA_F
ClientSampleId : P001-SW003-01

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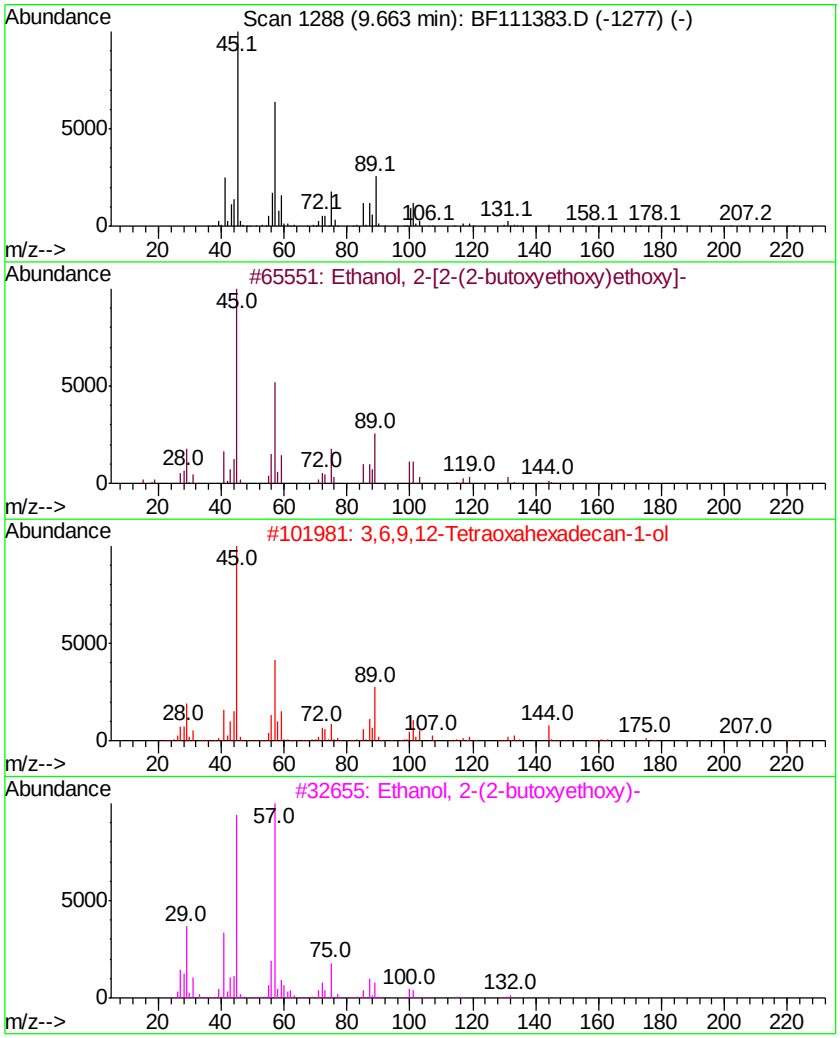
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

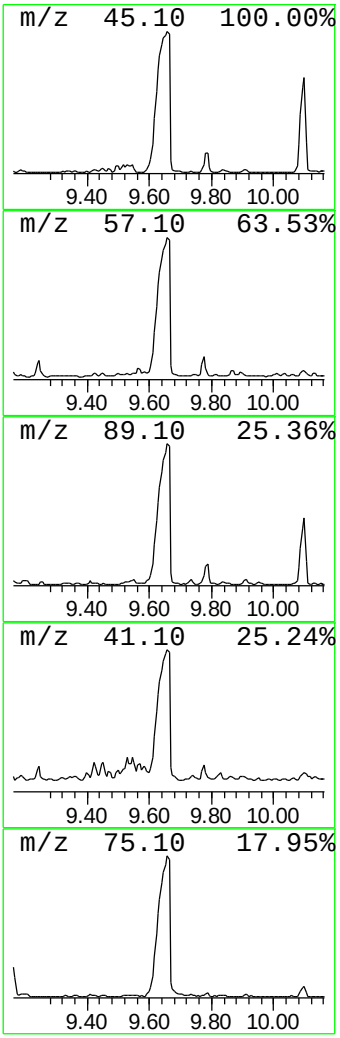
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Ethanol, 2-[2-(2-butoxyetho... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	266.48 ng	32477200	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	91
2	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	78
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	64
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	64





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Misc :
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Instrument : BNA_F
ClientSampleId : P001-SW003-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

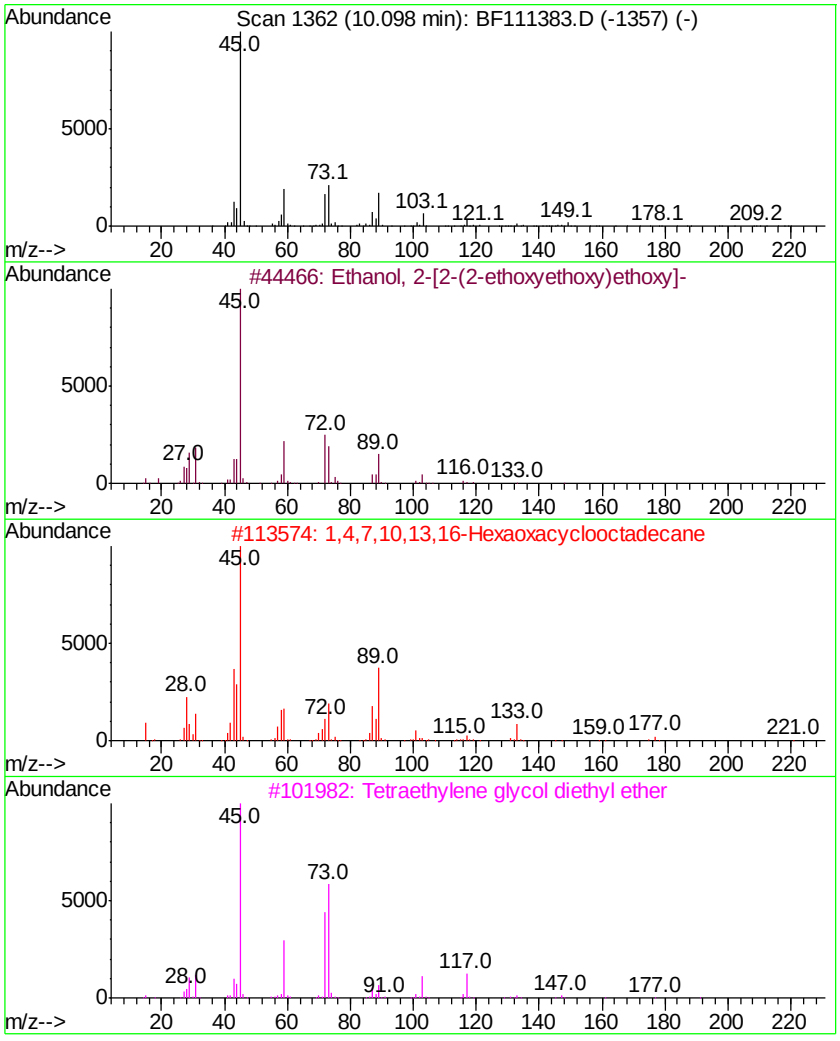
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

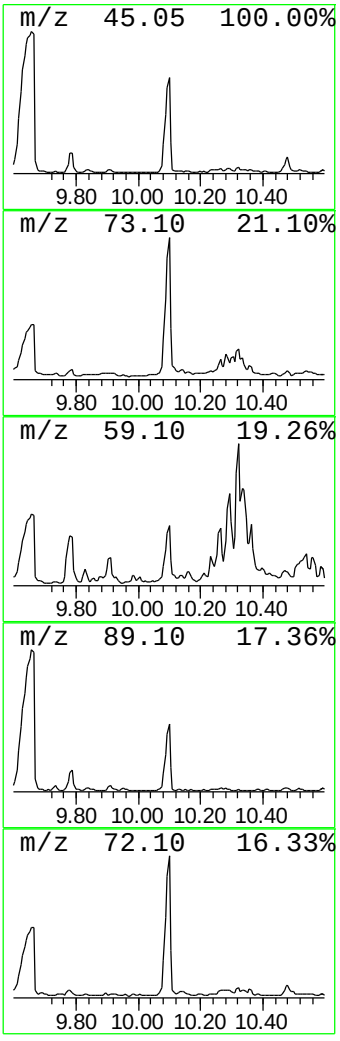
****

Peak Number 14 Ethanol, 2-[2-(2-ethoxyetho... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	54.53 ng	6645770	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	72
2	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	64
3	Tetraethylene glycol diethyl ether	250	C12H26O5	004353-28-0	64
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	59
5	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

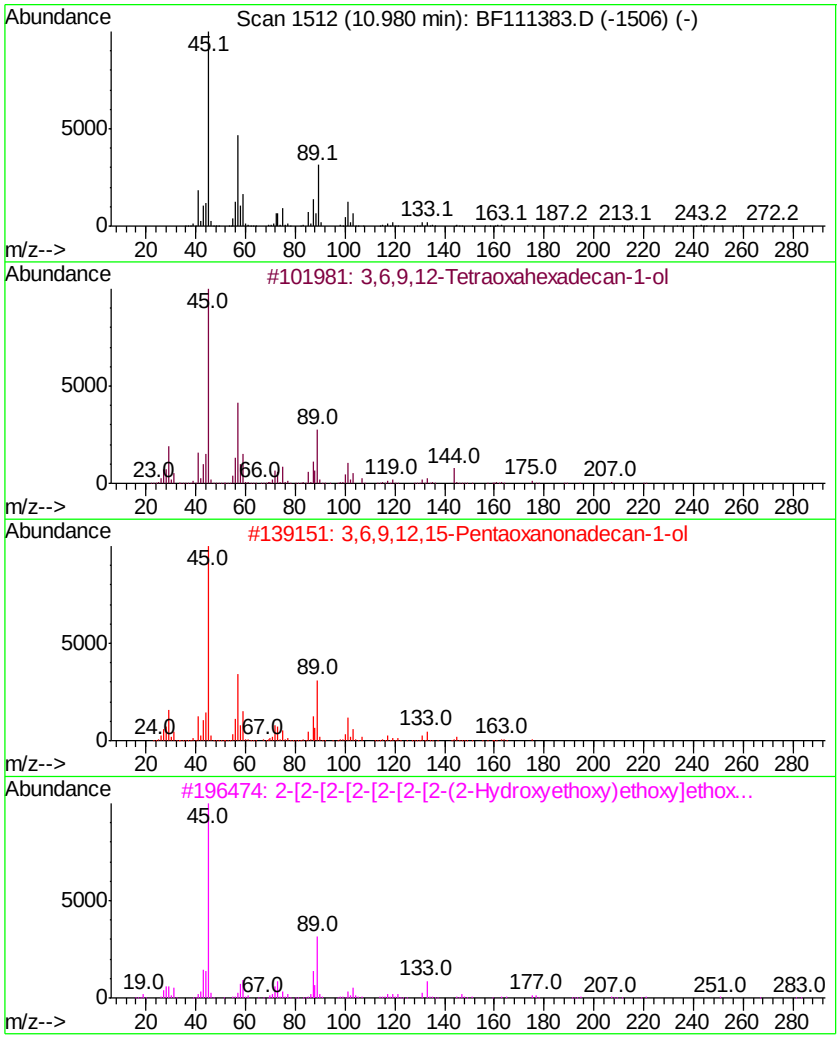
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

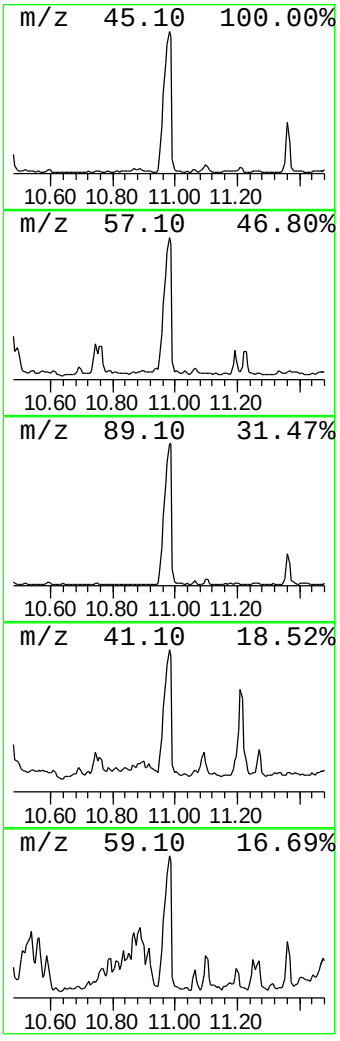
****

Peak Number 15 3,6,9,12-Tetraoxahexadecan-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	183.06 ng	18757800	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	90
2	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	87
3	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	72
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	72
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	72





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Misc :
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Instrument : BNA_F
ClientSampleId : P001-SW003-01

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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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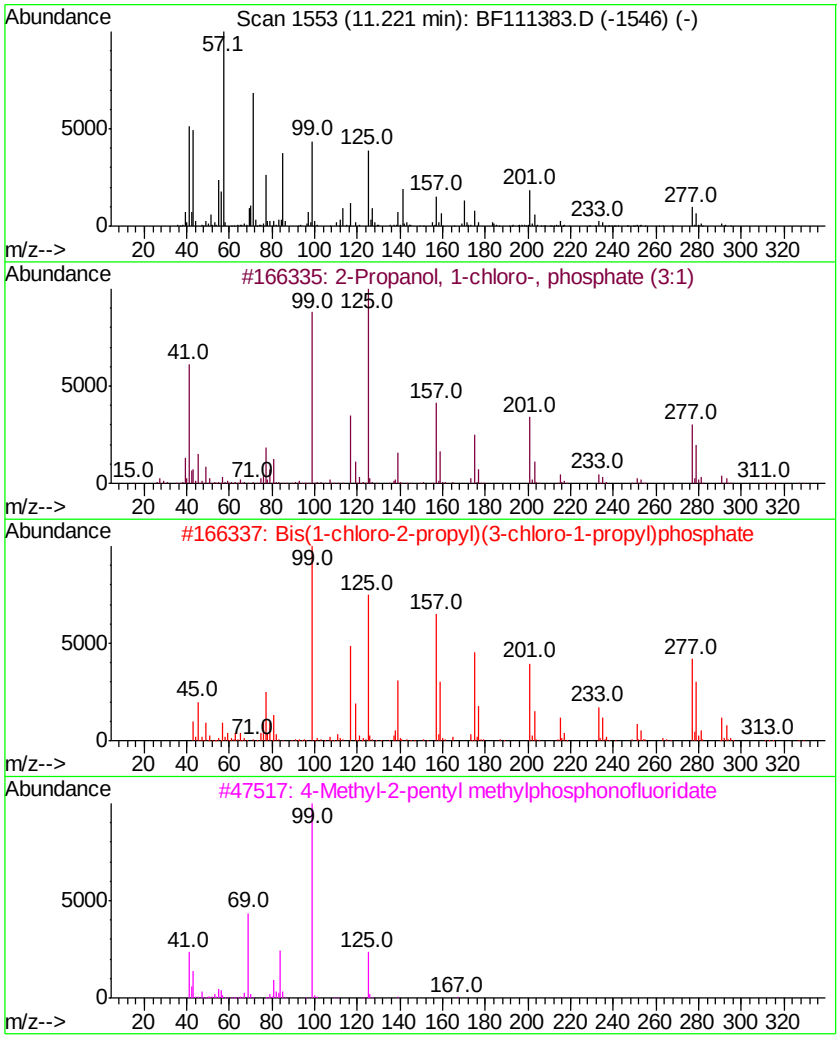
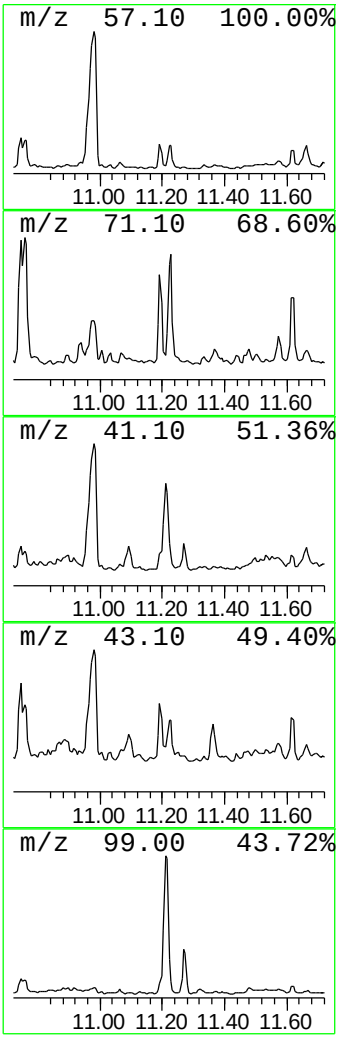
Peak Number 16 2-Propanol, 1-chloro-, phos... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	46.80 ng	4795050	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	81
2	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	43
3	4-Methyl-2-pentyl methylphosphon...	182	C7H16FO2P	000352-53-4	28
4	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	12
5	Benzoic acid, 4-[[2-(1-piperazin...	277	C14H19N3O3	1000350-32-6	10





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Sample : J6305-03
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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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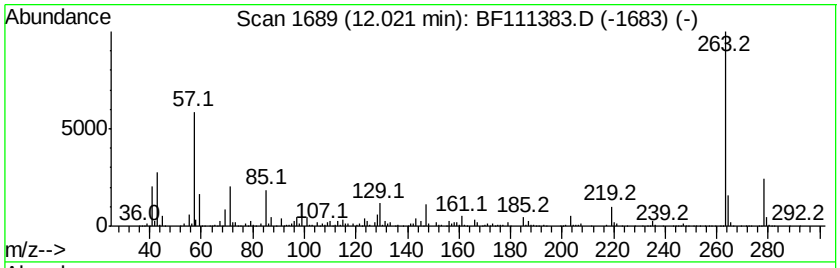
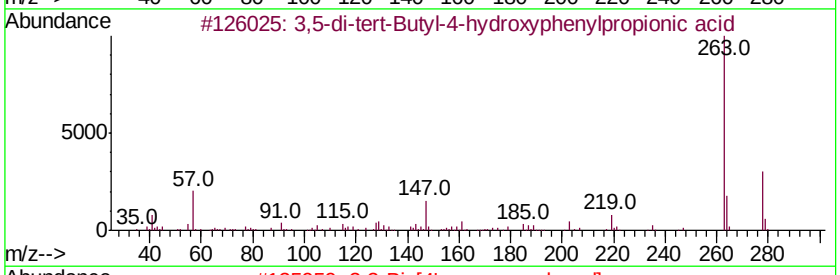
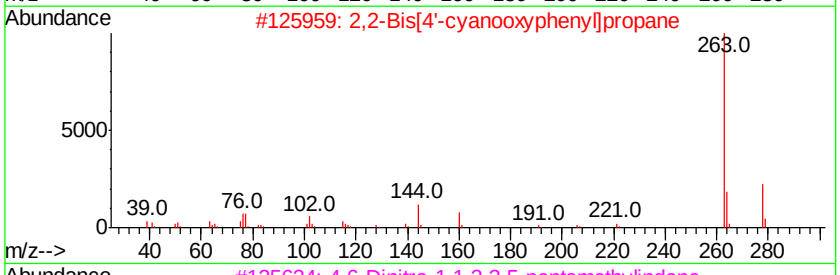
Peak Number 17 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 11

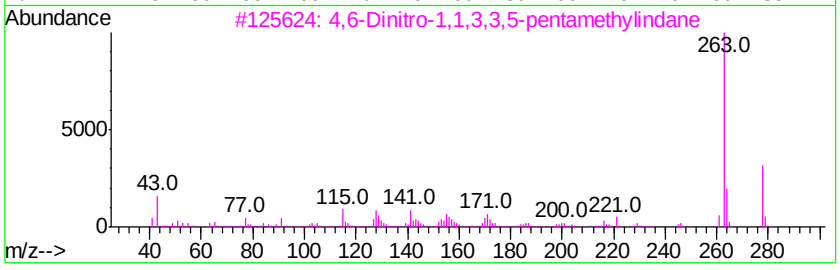
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	71.60 ng	7336900	Phenanthrene-d10	11.32

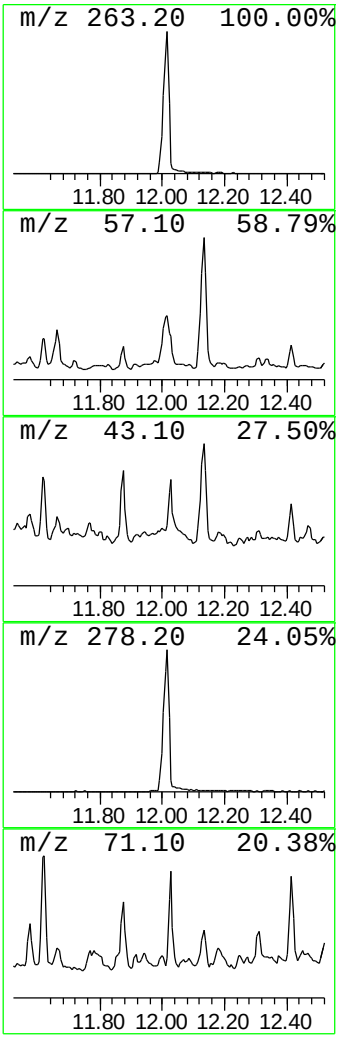
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxyphenv...	278	C17H26O3	020170-32-5	95
2	2,2-Bis[4'-cyanooxyphenyl]propane	278	C17H14N2O2	1000322-13-3	64
3	4,6-Dinitro-1,1,3,3,5-pentamethy...	278	C14H18N2O4	000116-66-5	59
4	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	021061-90-5	55
5	Trimethyl(2,6 ditert.-butylpheno...	278	C17H30OSi	010416-73-6	45











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Data File : BF111383.D
Acq On : 13 Dec 2018 21:25
Operator : JU/SJ
Sample : J6305-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW003-01

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

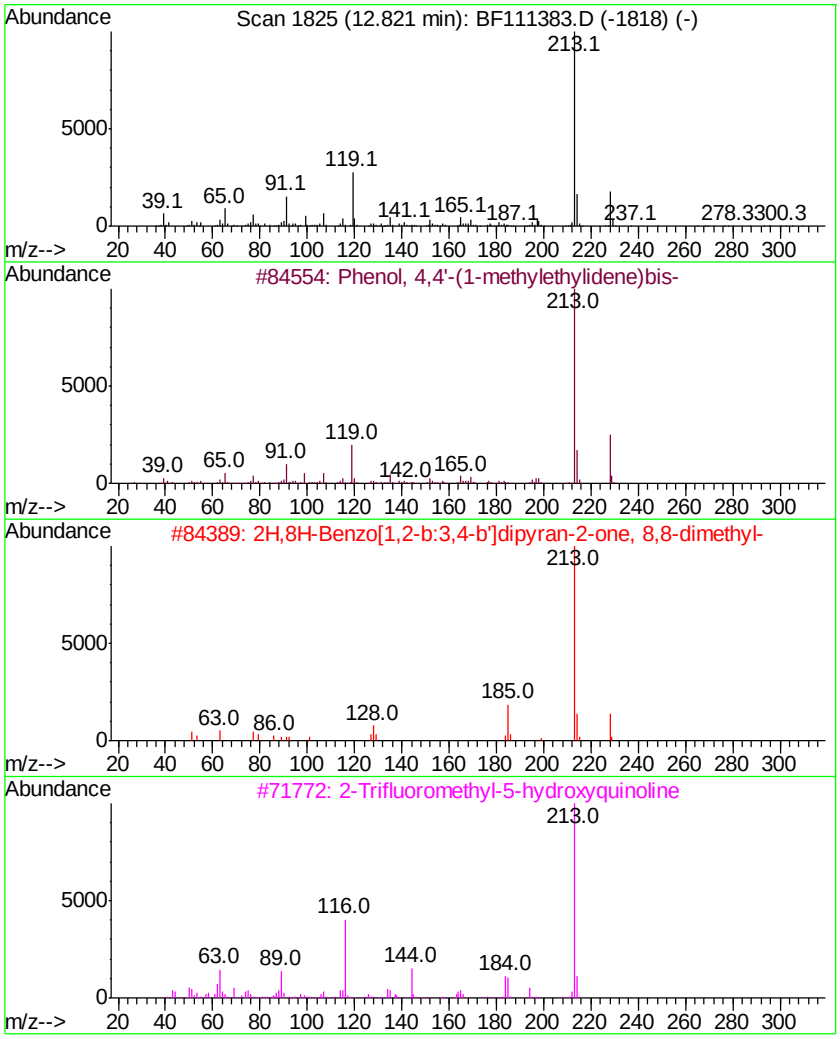
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

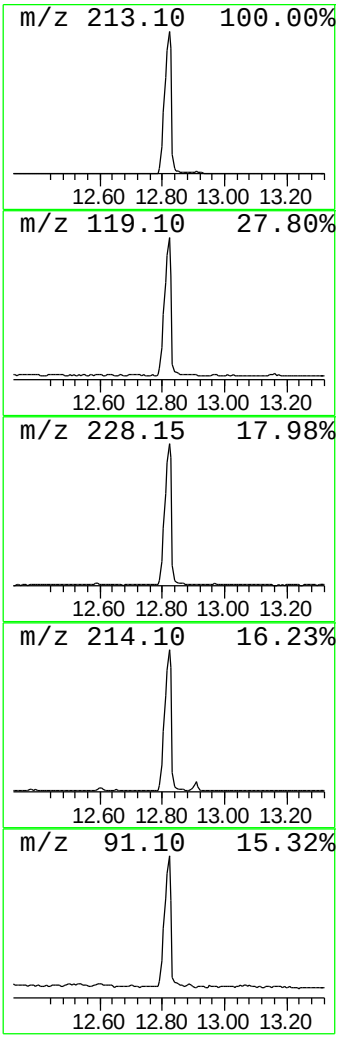
****

Peak Number 19 Phenol, 4,4'-(1-methylethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	125.03 ng	10366300	Chrysene-d12	13.96

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:3,4-b']dipyran...	228	C14H12O3	000523-59-1	53
3	2-Trifluoromethyl-5-hydroxyquino...	213	C10H6F3NO	041958-06-9	50
4	Carbamic acid, [1,1'-biphenyl]-3...	213	C13H11NO2	055030-29-0	49
5	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111383.D
Acq On : 13 Dec 2018 21:25
Operator : JU/SJ
Sample : J6305-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW003-01

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

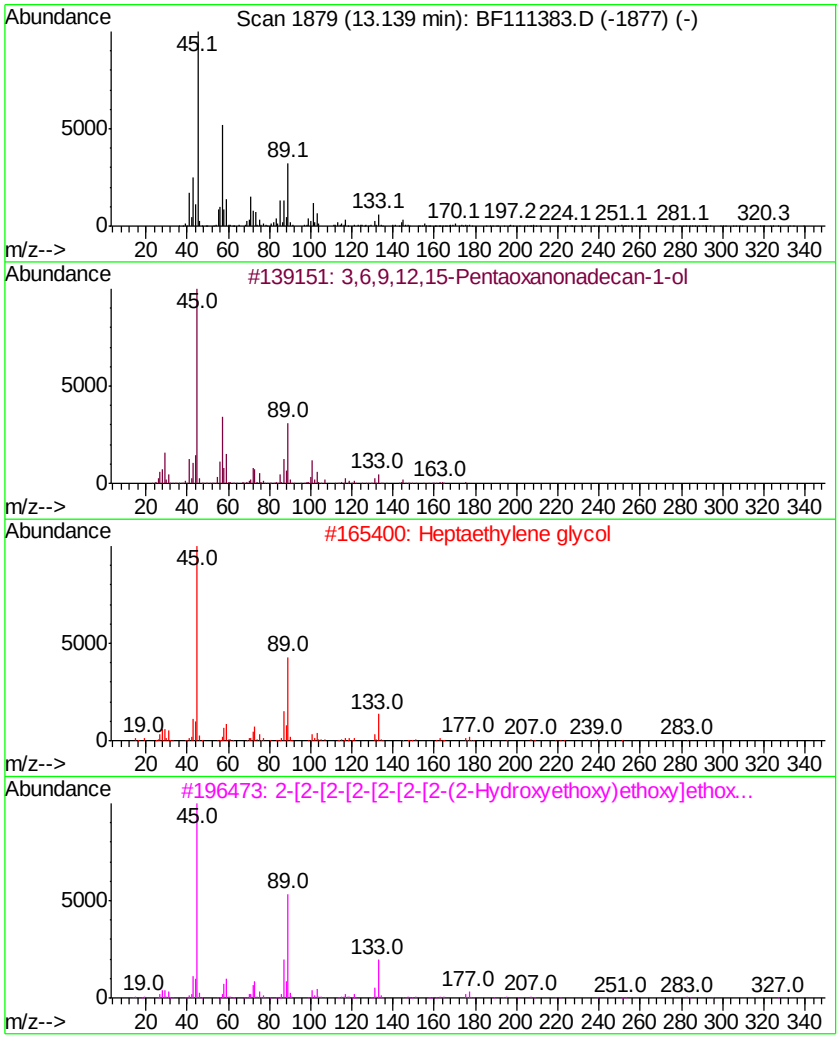
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

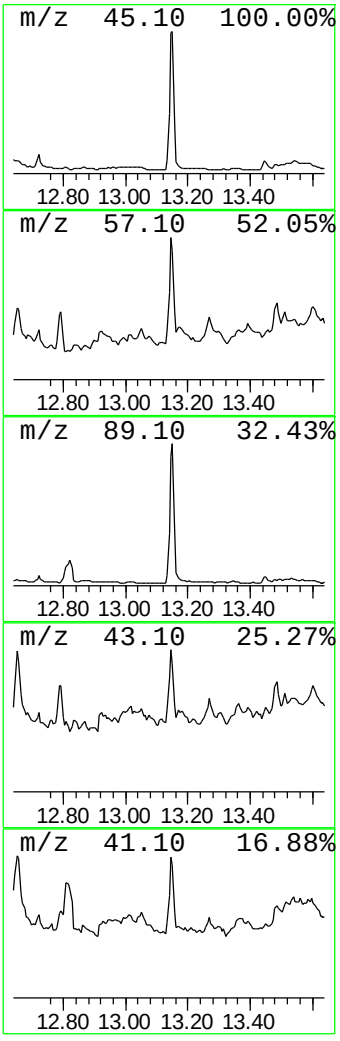
****

Peak Number 20 3,6,9,12,15-Pentaoxanonadec... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	34.86 ng	2890430	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	91
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	86
3	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	78
4	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	78
5	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
Data File : BF111383.D
Acq On : 13 Dec 2018 21:25
Operator : JU/SJ
Sample : J6305-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW003-01

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
Cyclopentanone	4.27	46.3	ng	4103850	1	6.80	1773780	20.0
Ethanol, 2-butoxy-	5.78	103.6	ng	9183760	1	6.80	1773780	20.0
unknown6.58	6.58	80.0	ng	7095910	1	6.80	1773780	20.0
2-Cyclopenten-1-o...	6.99	41.7	ng	3696240	1	6.80	1773780	20.0
Ethanone, 1-pheny...	7.51	34.0	ng	6329670	2	8.08	3720510	20.0
Phenol, 4-ethyl-	7.90	31.4	ng	5832760	2	8.08	3720510	20.0
Phenol, 4-(1-meth...	8.29	109.9	ng	20450400	2	8.08	3720510	20.0
Benzenebutanenitrile	8.97	92.7	ng	11291500	3	9.84	2437460	20.0
Ethanol, 2-[2-(2-...	9.66	266.5	ng	32477200	3	9.84	2437460	20.0
Ethanol, 2-[2-(2-...	10.10	54.5	ng	6645770	3	9.84	2437460	20.0
3,6,9,12-Tetraoxa...	10.98	183.1	ng	18757800	4	11.32	2049330	20.0
2-Propanol, 1-chl...	11.22	46.8	ng	4795050	4	11.32	2049330	20.0
3,5-di-tert-Butyl...	12.02	71.6	ng	7336900	4	11.32	2049330	20.0
Phenol, 4,4'-(1-m...	12.82	125.0	ng	10366300	5	13.96	1658170	20.0
3,6,9,12,15-Penta...	13.14	34.9	ng	2890430	5	13.96	1658170	20.0