LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
Operator : JU/SJ
Sample : J6440-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

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-BF121418.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	3.816	286	294	298	rBV	501974	715469	4.05%	0.302%
2	4.993	491	494	498	rBV	365991	531409	3.01%	0.225%
3	5.398	560	563	565	rVV2	781980	884250	5.01%	0.374%
4	5.428	565	568	574	rVB	1770502	1948236	11.03%	0.823%
5	5.622	592	601	606	rBV2	583313	892146	5.05%	0.377%
6	5.751	619	623	628	rBV2	1286822	1525243	8.64%	0.645%
7	6.040	668	672	689	rVB2	1100115	2939478	16.64%	1.242%
8	6.351	717	725	728	rBV2	2017872	3142255	17.79%	1.328%
9	6.457	738	743	748	rBV2	1729928	2744608	15.54%	1.160%
10	6.581	755	764	768	rBV	4109040	6074339	34.39%	2.567%
11	6.628	768	772	775	rBV3	1009651	1390363	7.87%	0.588%
12	6.792	797	800	802	rBV	1220820	1407512	7.97%	0.595%
13	6.951	823	827	829	rBV2	3596939	3857563	21.84%	1.630%
14	7.157	860	862	866	rVB3	502975	508094	2.88%	0.215%
15	7.204	866	870	872	rBV	1134194	1150407	6.51%	0.486%
16	7.234	872	875	879	rBV	807729	839299	4.75%	0.355%
17	7.357	885	896	899	rBV	7857284	12182914	68.98%	5.149%
18	7.410	899	905	907	rVB2	2140459	4633569	26.23%	1.958%
19	7.645	938	945	948	rBV5	325003	590701	3.34%	0.250%
20	7.698	948	954	956	rBV5	374962	684376	3.87%	0.289%
21	7.734	956	960	962	rBV2	527984	621481	3.52%	0.263%
22	7.769	962	966	969	rVB3	830979	1023432	5.79%	0.433%
23	7.869	978	983	985	rBV2	478542	744537	4.22%	0.315%
24	7.904	985	989	990	rBV4	629495	734210	4.16%	0.310%
25	7.951	994	997	999	rBV	955304	1077445	6.10%	0.455%
26	8.075	1016	1018	1020	rBV	1361948	1521717	8.62%	0.643%
27	8.098	1020	1022	1024	rVB	2114130	1748268	9.90%	0.739%
28	8.204	1033	1040	1043	rVB2	5119676	12370678	70.04%	5.229%
29	8.328	1057	1061	1066	rBV4	668753	1051398	5.95%	0.444%
30	8.375	1066	1069	1071	rBV	1088469	974402	5.52%	0.412%
31	8.486	1081	1088	1090	rVB2	1415183	2496321	14.13%	1.055%
32	8.545	1094	1098	1101	rVB2	1597829	1905227	10.79%	0.805%
33	8.663	1101	1118	1120	rBV3	2976233	12183503	68.98%	5.150%
34	8.686	1120	1122	1124	rVV	3515773	3207376	18.16%	1.356%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
Operator : JU/SJ
Sample : J6440-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

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-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.722	1126	1128	1129	rVB	2313377	1601363	9.07%	0.677%
36	8.786	1134	1139	1143	rBV3	793128	1044778	5.92%	0.442%
37	8.845	1144	1149	1154	rBV	4963794	6347690	35.94%	2.683%
38	8.886	1154	1156	1160	rVB2	516762	590364	3.34%	0.250%
39	8.922	1160	1162	1165	rVB3	629295	538153	3.05%	0.227%
40	8.963	1165	1169	1173	rBV	2113257	2654804	15.03%	1.122%
41	9.004	1173	1176	1179	rVB4	512206	494260	2.80%	0.209%
42	9.104	1179	1193	1198	rBV3	9426949	17662129	100.00%	7.465%
43	9.163	1198	1203	1206	rVB	6429121	7167172	40.58%	3.029%
44	9.228	1206	1214	1216	rBV	1314779	1542396	8.73%	0.652%
45	9.269	1216	1221	1224	rBV4	1050427	1888964	10.69%	0.798%
46	9.333	1227	1232	1235	rBV2	3117115	4774664	27.03%	2.018%
47	9.375	1235	1239	1242	rVV2	3211201	5400803	30.58%	2.283%
48	9.404	1242	1244	1249	rVB4	2311937	2968895	16.81%	1.255%
49	9.445	1249	1251	1253	rBV2	1592391	1492568	8.45%	0.631%
50	9.498	1253	1260	1263	rVB2	4839488	8128829	46.02%	3.436%
51	9.563	1269	1271	1273	rBV2	1118002	1232893	6.98%	0.521%
52	9.586	1273	1275	1276	rVV	1498394	1260930	7.14%	0.533%
53	9.622	1277	1281	1285	rVV4	3675987	6106693	34.58%	2.581%
54	9.657	1285	1287	1290	rVB3	1054054	1088184	6.16%	0.460%
55	9.716	1290	1297	1298	rBV3	1767975	3170911	17.95%	1.340%
56	9.745	1298	1302	1307	rVV3	4299592	6045692	34.23%	2.555%
57	9.798	1309	1311	1315	rVV2	997072	1518076	8.60%	0.642%
58	9.833	1315	1317	1324	rVB3	2256986	3030889	17.16%	1.281%
59	9.904	1325	1329	1330	rBV3	601301	780009	4.42%	0.330%
60	9.986	1338	1343	1345	rBV2	2441757	2912395	16.49%	1.231%
61	10.016	1345	1348	1352	rVV3	1981118	3507746	19.86%	1.483%
62	10.063	1353	1356	1358	rVV2	2665023	3071593	17.39%	1.298%
63	10.086	1358	1360	1363	rVB2	1428530	1337720	7.57%	0.565%
64	10.133	1363	1368	1371	rBV5	588463	1120281	6.34%	0.474%
65	10.269	1383	1391	1392	rBV4	2426967	3550907	20.10%	1.501%
66	10.357	1401	1406	1407	rBV4	509536	889262	5.03%	0.376%
67	10.380	1407	1410	1418	rVB3	2922893	3845526	21.77%	1.625%
68	10.445	1418	1421	1423	rBV3	572828	486012	2.75%	0.205%
69	10.639	1449	1454	1457	rVB	2928964	3019646	17.10%	1.276%
70	10.716	1462	1467	1469	rVV5	777781	1071390	6.07%	0.453%
71	10.775	1475	1477	1482	rVB2	804892	851921	4.82%	0.360%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
Operator : JU/SJ
Sample : J6440-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

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-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.851	1488	1490	1493	rBV	912516	856451	4.85%	0.362%
73	10.916	1498	1501	1504	rVV	2778643	3098095	17.54%	1.309%
74	10.945	1504	1506	1508	rVV2	760040	678521	3.84%	0.287%
75	10.980	1508	1512	1515	rVV3	1173361	1633435	9.25%	0.690%
76	11.022	1515	1519	1523	rVB3	1462045	1850262	10.48%	0.782%
77	11.110	1531	1534	1536	rVB	810421	602922	3.41%	0.255%
78	11.286	1561	1564	1567	rBV	626963	792536	4.49%	0.335%
79	11.316	1567	1569	1572	rVB	918987	709931	4.02%	0.300%
80	11.604	1616	1618	1626	rVB4	596731	881358	4.99%	0.373%
81	11.833	1653	1657	1659	rBV2	835872	983443	5.57%	0.416%
82	11.863	1659	1662	1667	rVB3	1146227	1321191	7.48%	0.558%
83	11.939	1672	1675	1679	rVB2	1145867	1209870	6.85%	0.511%
84	12.010	1684	1687	1690	rVV4	380157	481725	2.73%	0.204%
85	12.045	1690	1693	1696	rVB2	547131	551224	3.12%	0.233%
86	12.121	1703	1706	1709	rBV2	644881	685818	3.88%	0.290%
87	12.222	1719	1723	1726	rVB2	1115647	1200186	6.80%	0.507%
88	12.533	1773	1776	1779	rBV4	344651	487088	2.76%	0.206%
89	12.592	1783	1786	1790	rVB	855687	841651	4.77%	0.356%
90	12.645	1792	1795	1797	rVV	1057505	897410	5.08%	0.379%
91	12.904	1834	1839	1842	rBV	3274766	3064818	17.35%	1.295%
92	13.474	1931	1936	1942	rBV3	453206	1063327	6.02%	0.449%
93	13.798	1986	1991	1994	rBV2	2037410	2757293	15.61%	1.165%
94	13.951	2014	2017	2020	rBV	983032	837213	4.74%	0.354%
95	13.986	2020	2023	2031	rVB	801235	1046419	5.92%	0.442%
96	14.057	2031	2035	2038	rBV	685781	870352	4.93%	0.368%
97	14.598	2124	2127	2138	rVB	439702	617983	3.50%	0.261%
98	14.762	2152	2155	2163	rVB	589122	620579	3.51%	0.262%
99	15.398	2258	2263	2266	rBV	804163	978998	5.54%	0.414%
100	15.492	2276	2279	2288	rVB	275212	473676	2.68%	0.200%

Sum of corrected areas: 236592509

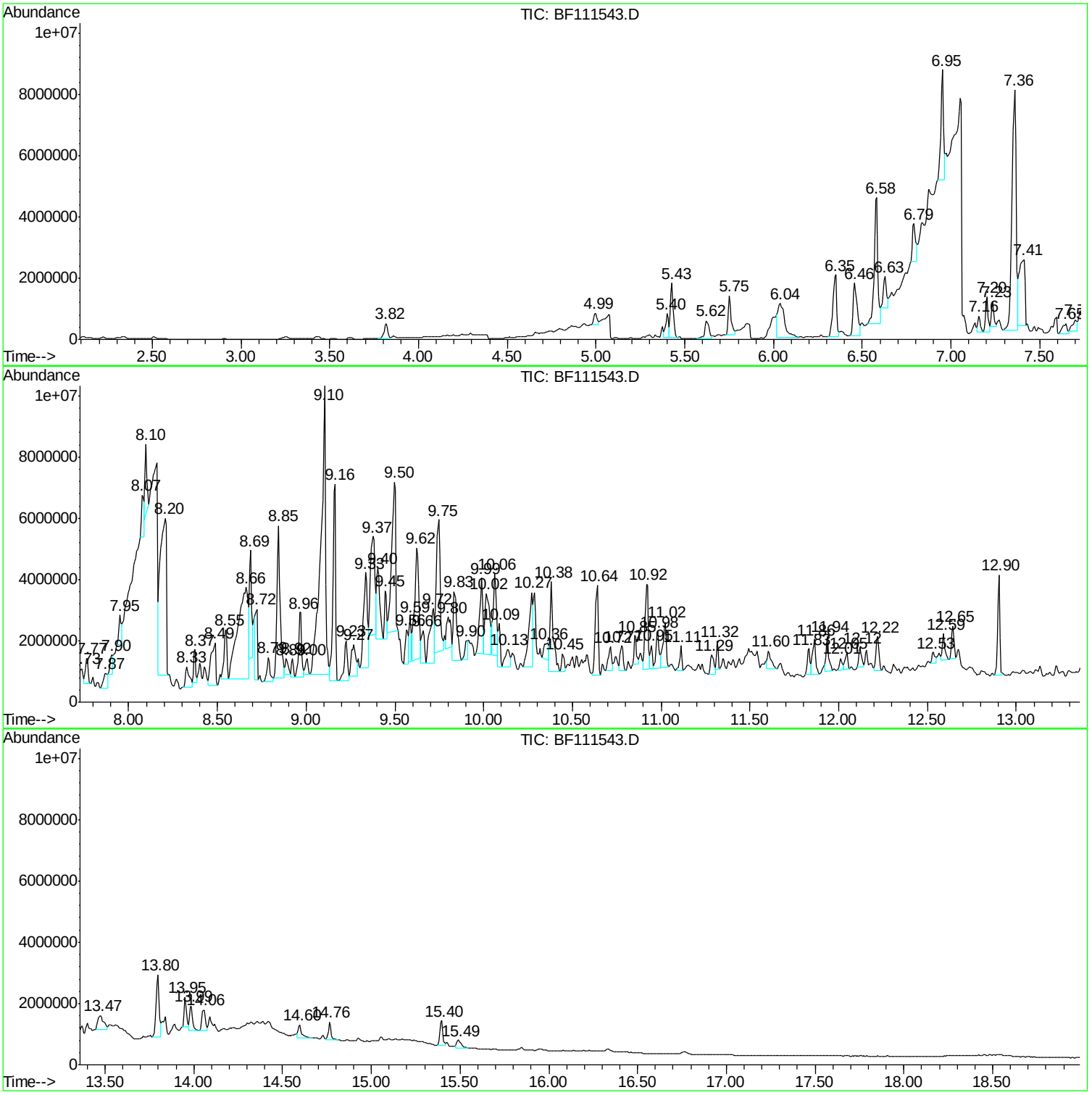
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
Operator : JU/SJ
Sample : J6440-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
Operator : JU/SJ
Sample : J6440-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

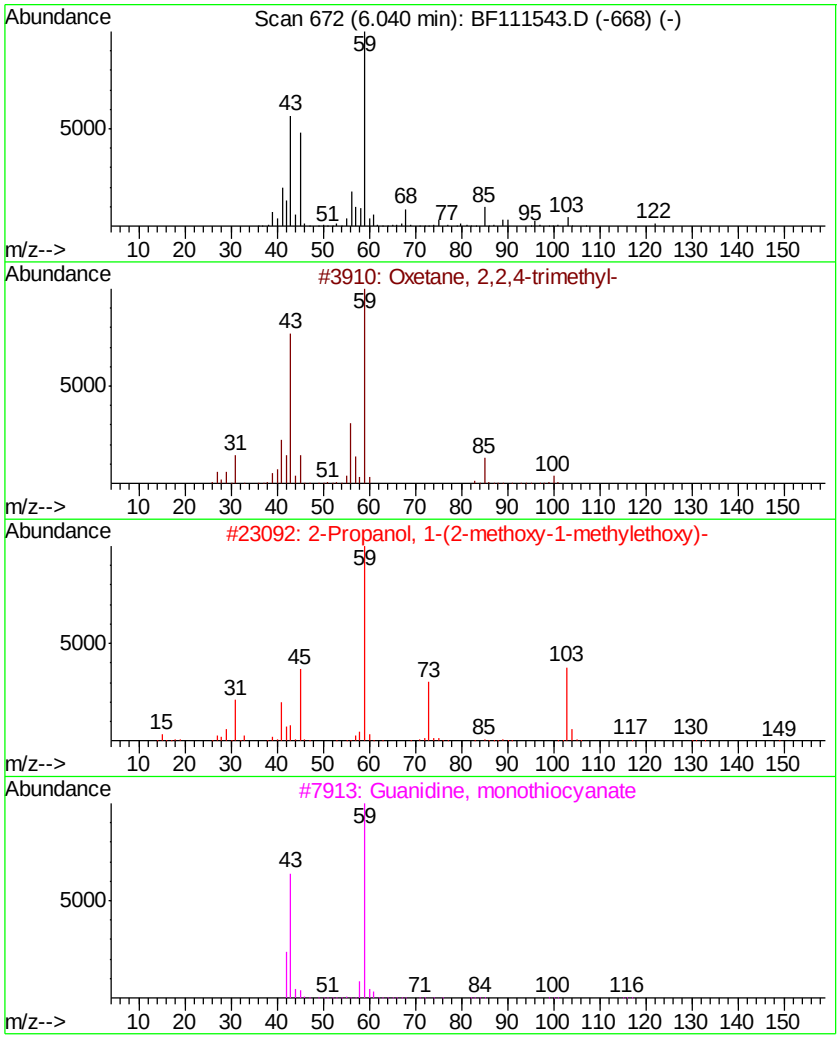
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

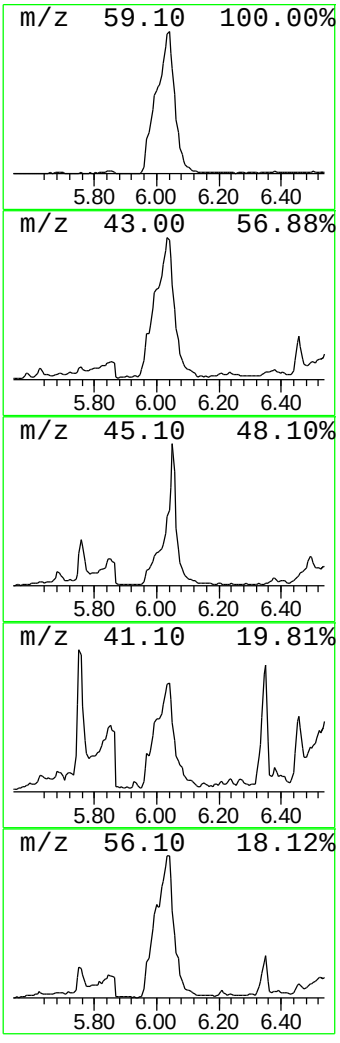
****

Peak Number 1 unknown6.04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.04	41.77 ng	2939480	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	47
2	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	45
3	Guanidine, monothiocyanate	116	C2H4N4S	056960-89-5	43
4	Hexylene glycol	118	C6H14O2	000107-41-5	43
5	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
Operator : JU/SJ
Sample : J6440-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

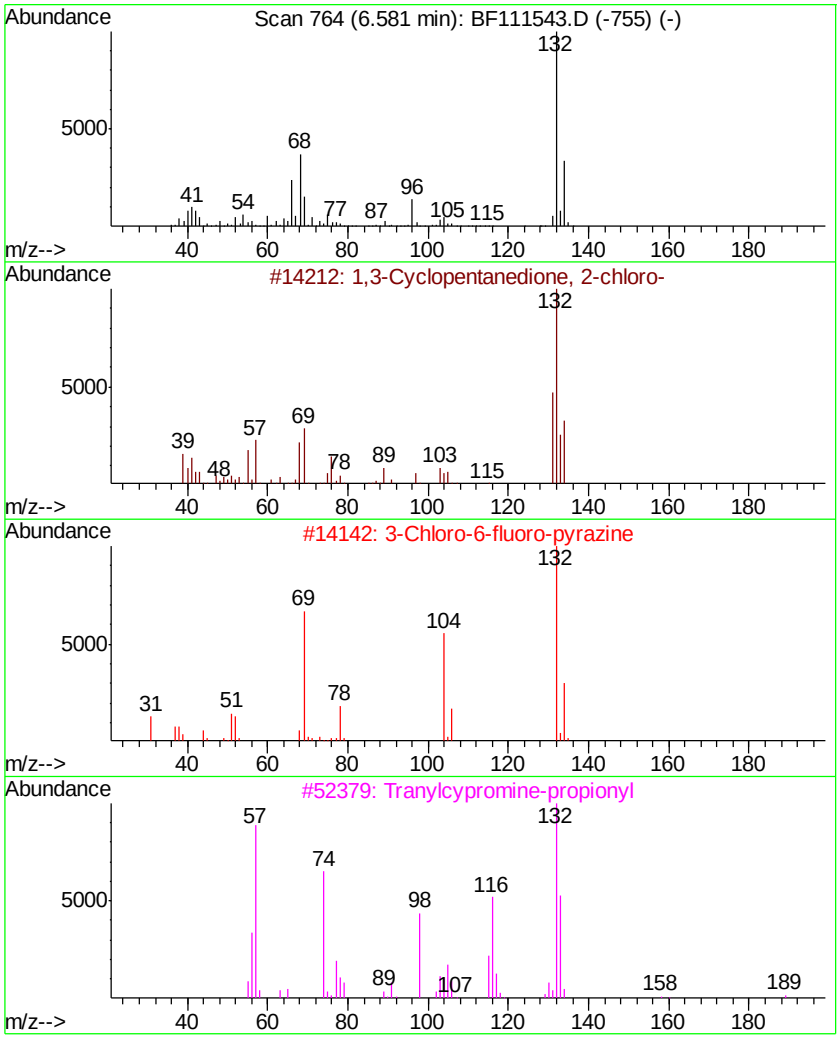
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

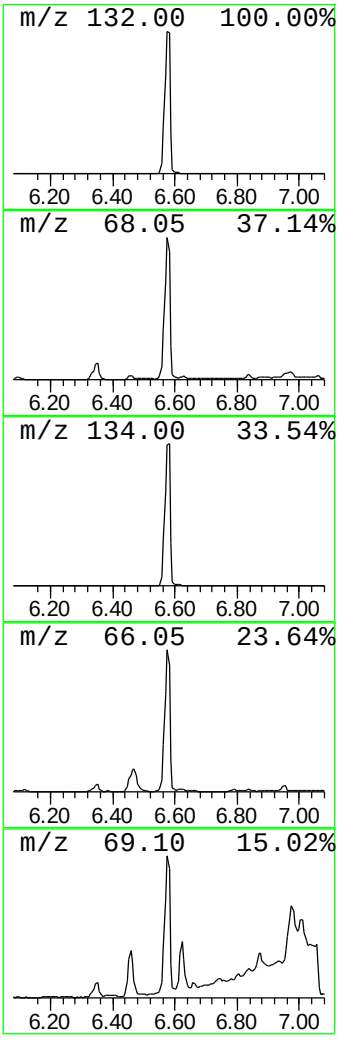
****

Peak Number 2 unknown6.58 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	86.31 ng	6074340	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
Operator : JU/SJ
Sample : J6440-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

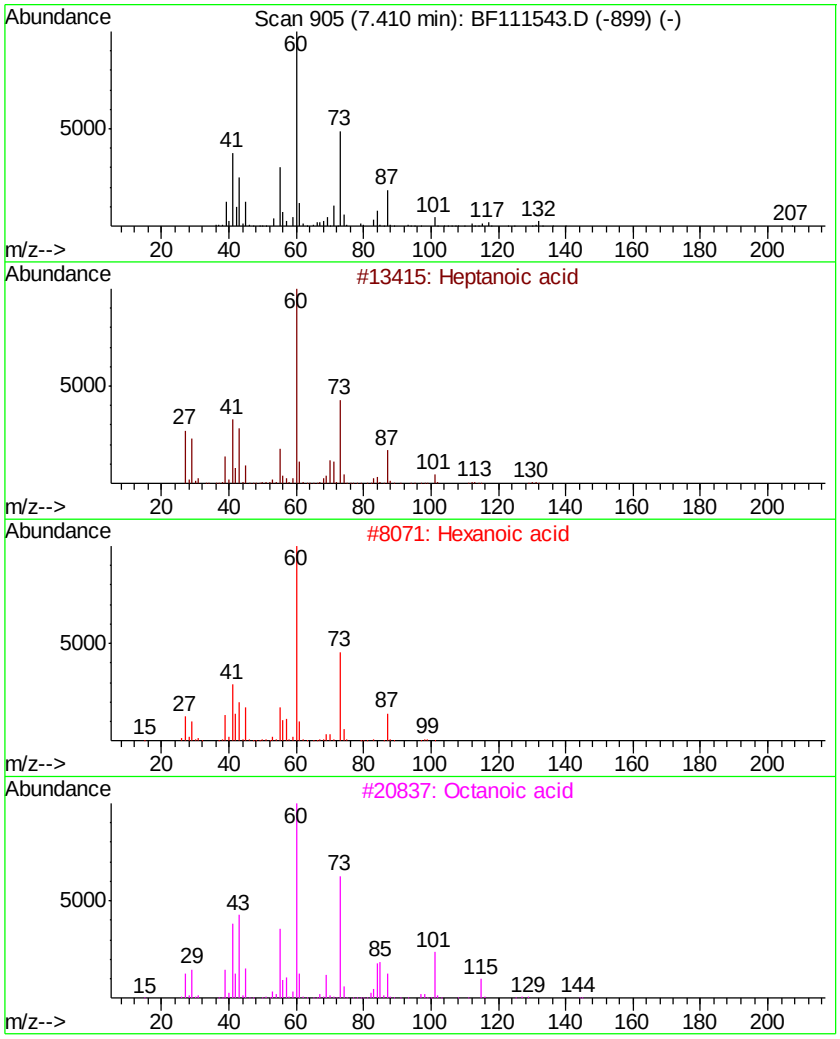
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

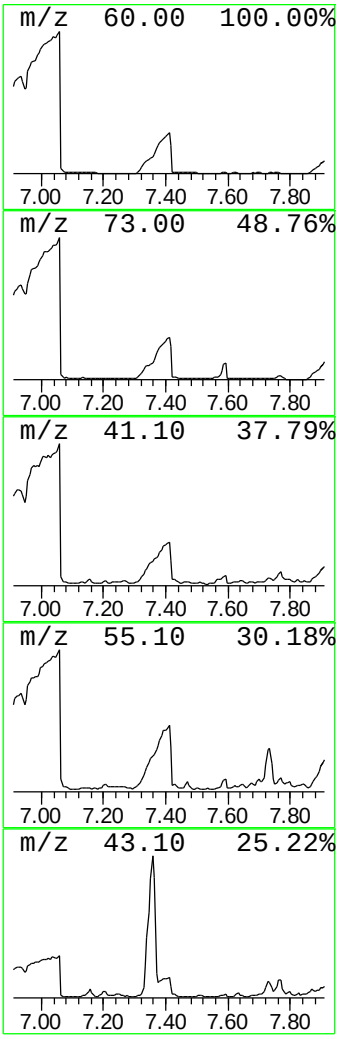
****

Peak Number 4 Heptanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	65.84 ng	4633570	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	78
2	Hexanoic acid	116	C6H12O2	000142-62-1	72
3	Octanoic acid	144	C8H16O2	000124-07-2	64
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	64
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
Operator : JU/SJ
Sample : J6440-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

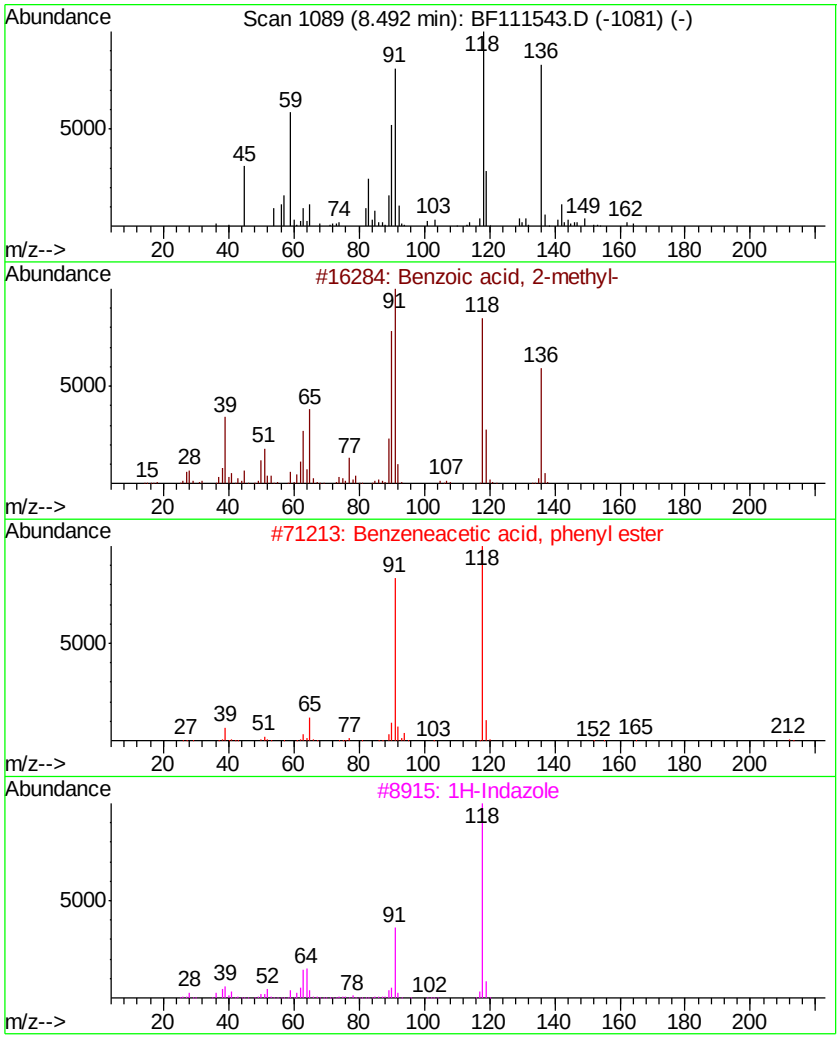
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

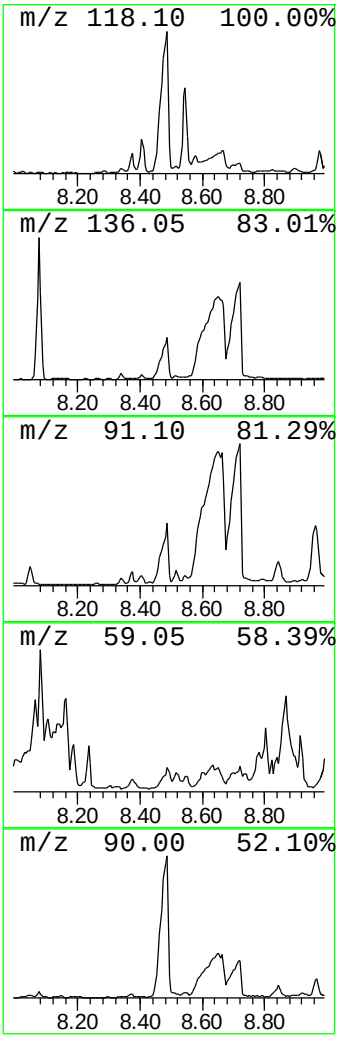
****

Peak Number 6 Benzoic acid, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	32.81 ng	2496320	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-methyl-	136	C8H8O2	000118-90-1	94
2	Benzeneacetic acid, phenyl ester	212	C14H12O2	000722-01-0	47
3	1H-Indazole	118	C7H6N2	000271-44-3	43
4	Benzonitrile, 2-amino-	118	C7H6N2	001885-29-6	43
5	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
Operator : JU/SJ
Sample : J6440-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

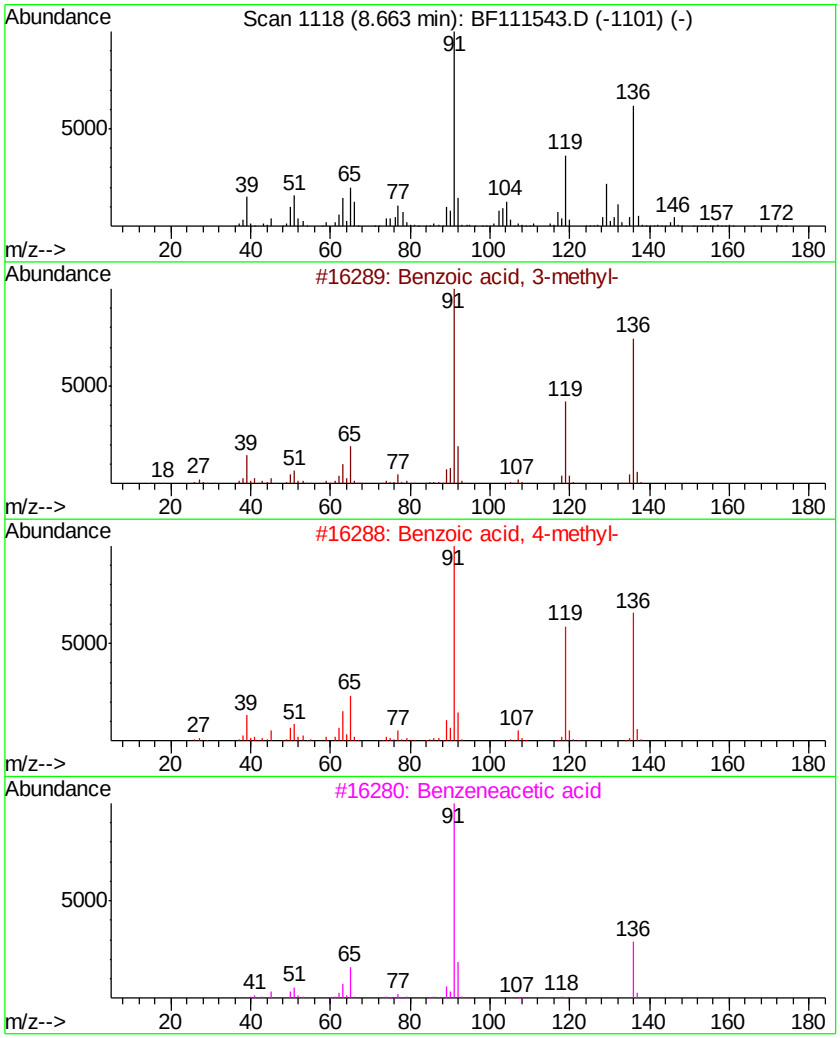
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

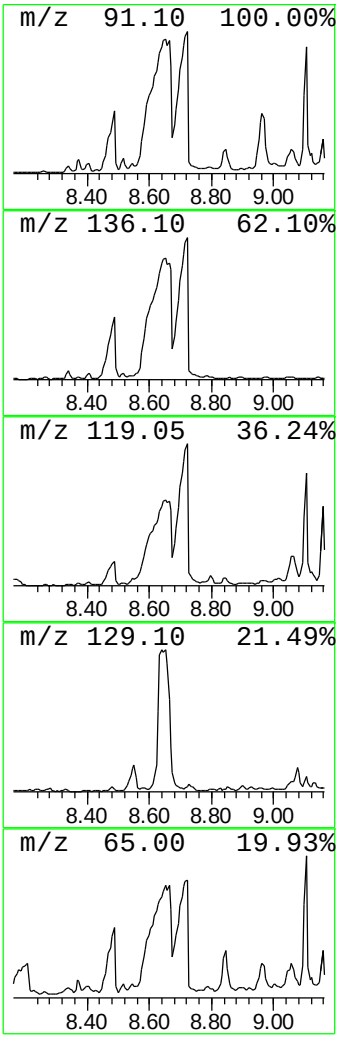
****

Peak Number 7 Benzoic acid, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	160.13 ng	12183500	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	90
2	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	45
3	Benzeneacetic acid	136	C8H8O2	000103-82-2	43
4	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	43
5	p-Methylbenzeneboronic acid	136	C7H9BO2	005720-05-8	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
Operator : JU/SJ
Sample : J6440-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

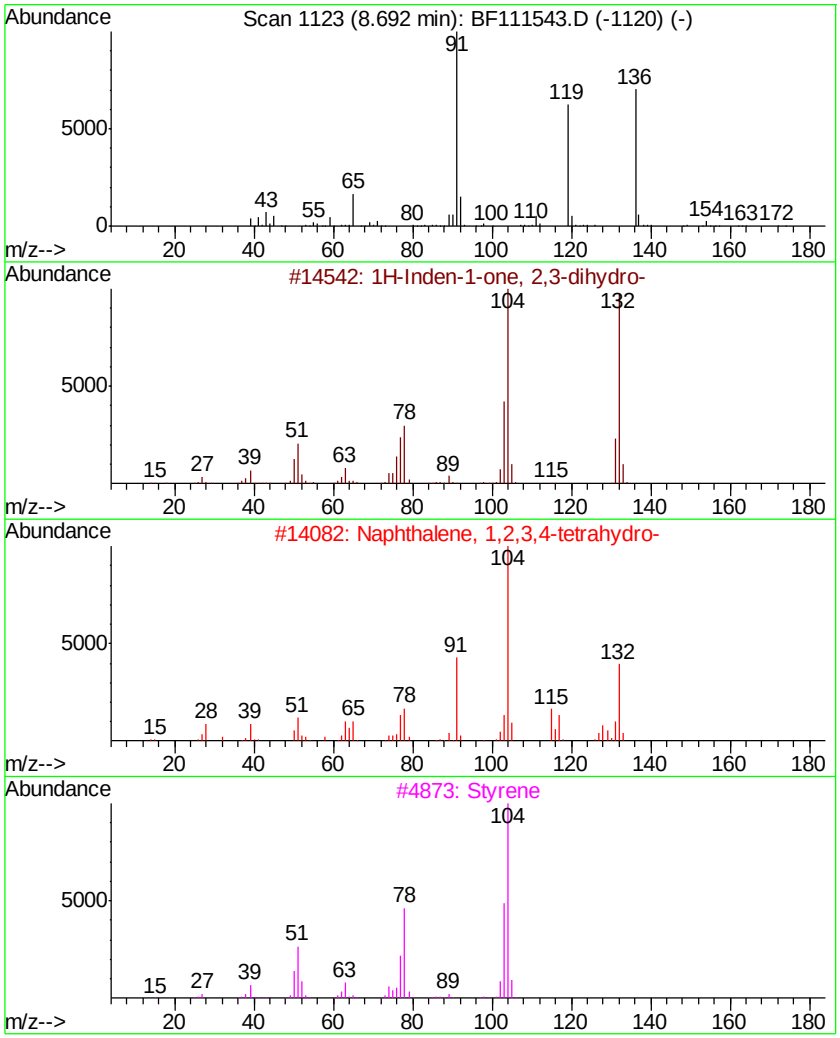
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

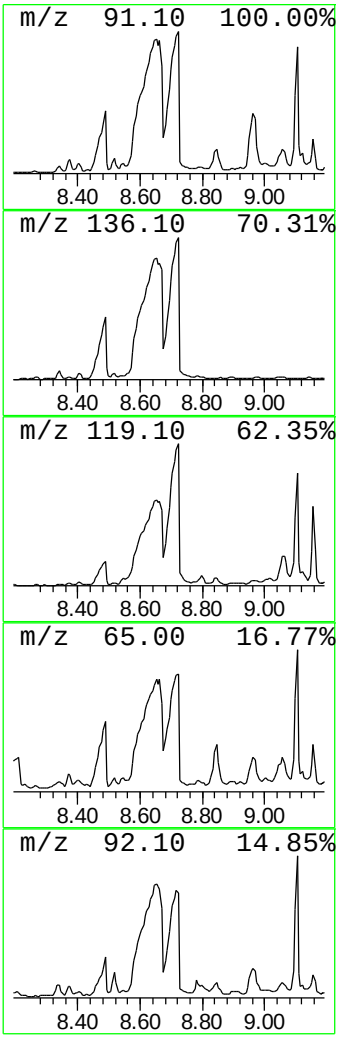
****

Peak Number 8 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	42.15 ng	3207380	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	97
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	76
3	Styrene	104	C8H8	000100-42-5	64
4	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	59
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
Operator : JU/SJ
Sample : J6440-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

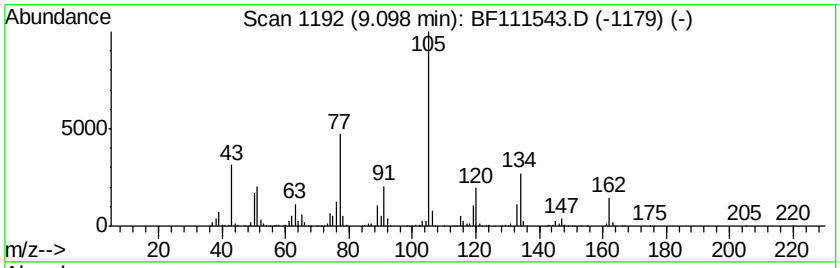
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

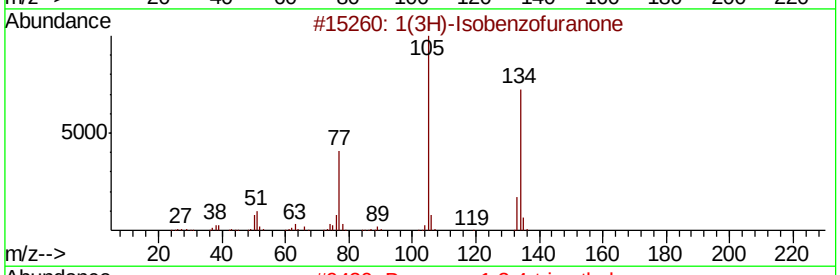
****

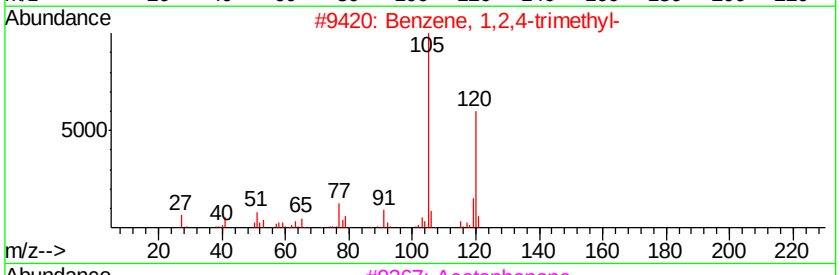
Peak Number 9 1(3H)-Isobenzofuranone Concentration Rank 3

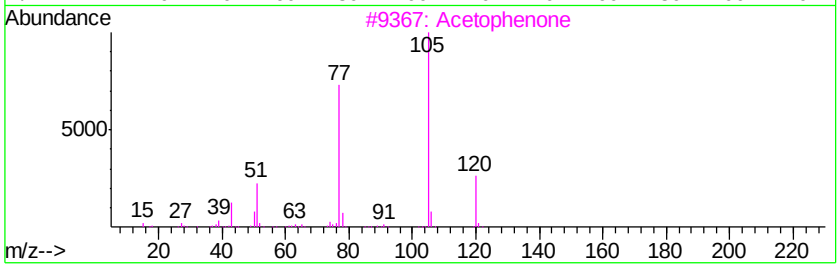
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	116.55 ng	17662100	Acenaphthene-d10	9.83

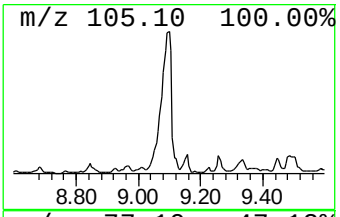
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	55
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	49
3	Acetophenone	120	C8H8O	000098-86-2	38
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	25
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	25

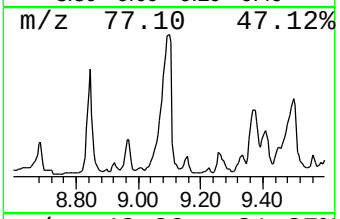


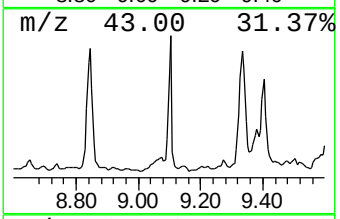


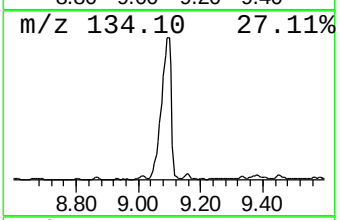


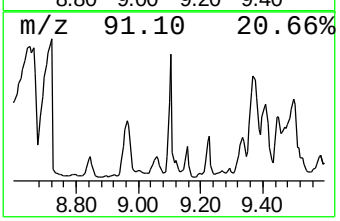












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
Operator : JU/SJ
Sample : J6440-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

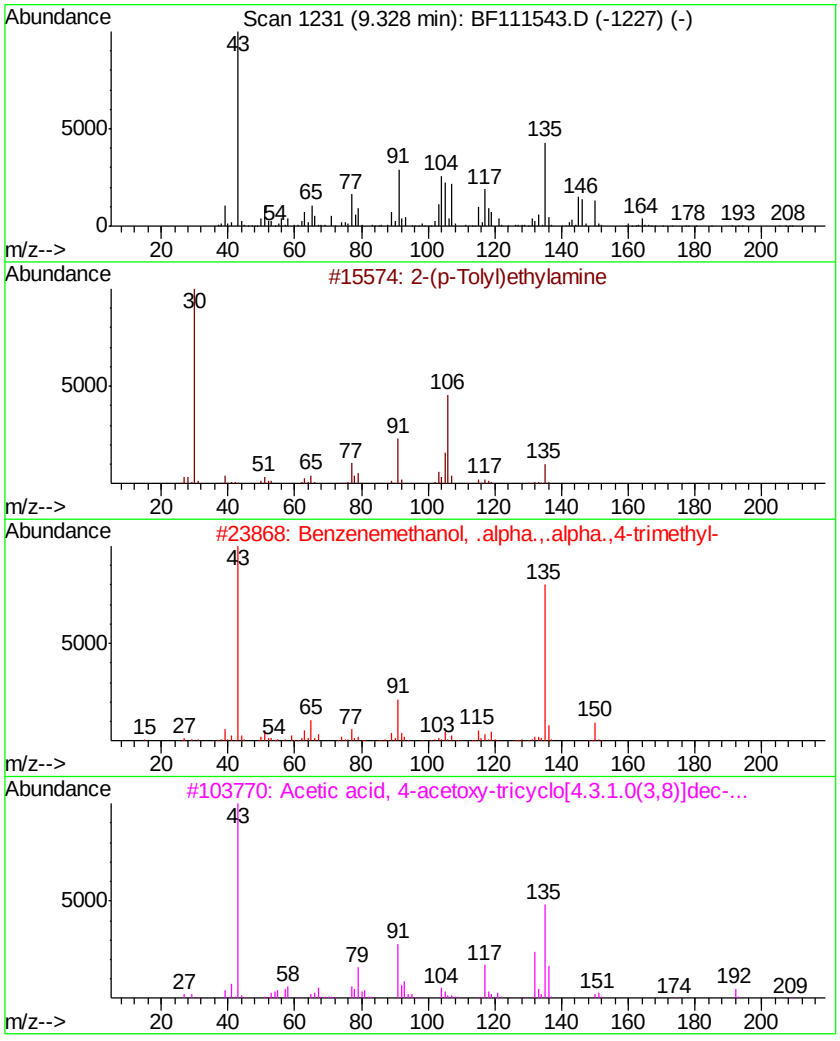
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

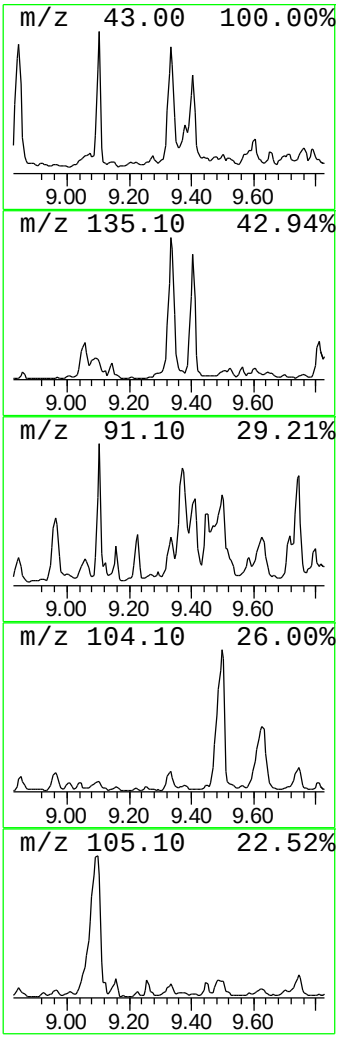
****

Peak Number 10 unknown9.33 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	31.51 ng	4774660	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	46
2	Benzenemethanol, .alpha.,.alpha....	150	C10H14O	001197-01-9	30
3	Acetic acid, 4-acetoxy-tricyclo[...	252	C14H20O4	1000194-74-6	12
4	4,6-Octadienoic acid, 2-acetyl-2...	224	C13H20O3	1000159-11-7	9
5	Benzeneethanamine, .beta.-methyl-	135	C9H13N	000582-22-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
Operator : JU/SJ
Sample : J6440-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

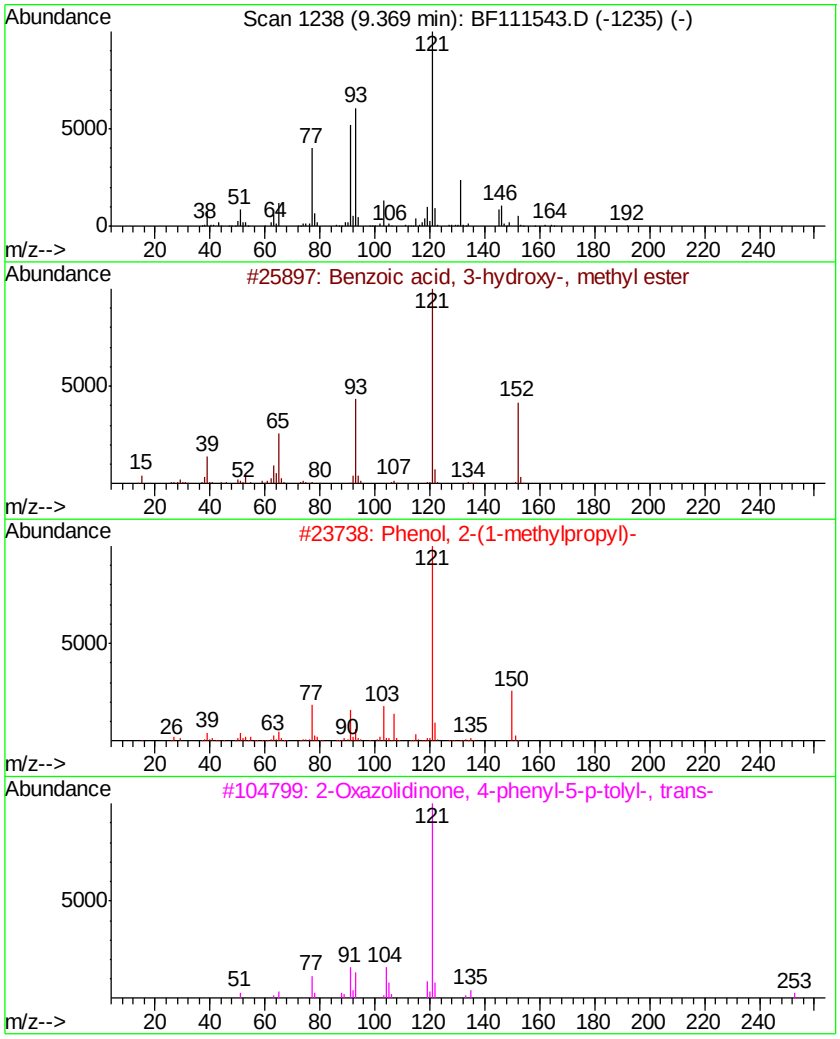
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

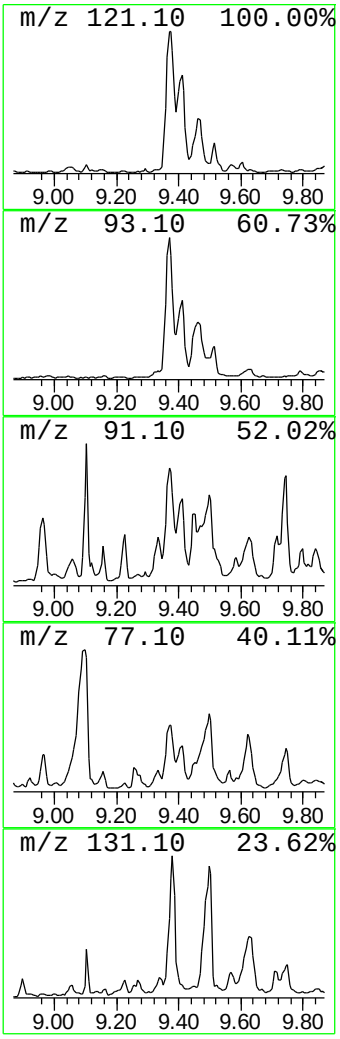
****

Peak Number 11 unknown9.37 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	35.64 ng	5400800	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-hydroxy-, methyl...	152	C8H8O3	019438-10-9	38
2	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	38
3	2-Oxazolidinone, 4-phenyl-5-p-to...	253	C16H15NO2	032461-31-7	38
4	dl-2-Phenyl-1,2-propanediol	152	C9H12O2	004217-66-7	38
5	Silane, chlorotriethyl-	150	C6H15ClSi	000994-30-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
Operator : JU/SJ
Sample : J6440-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

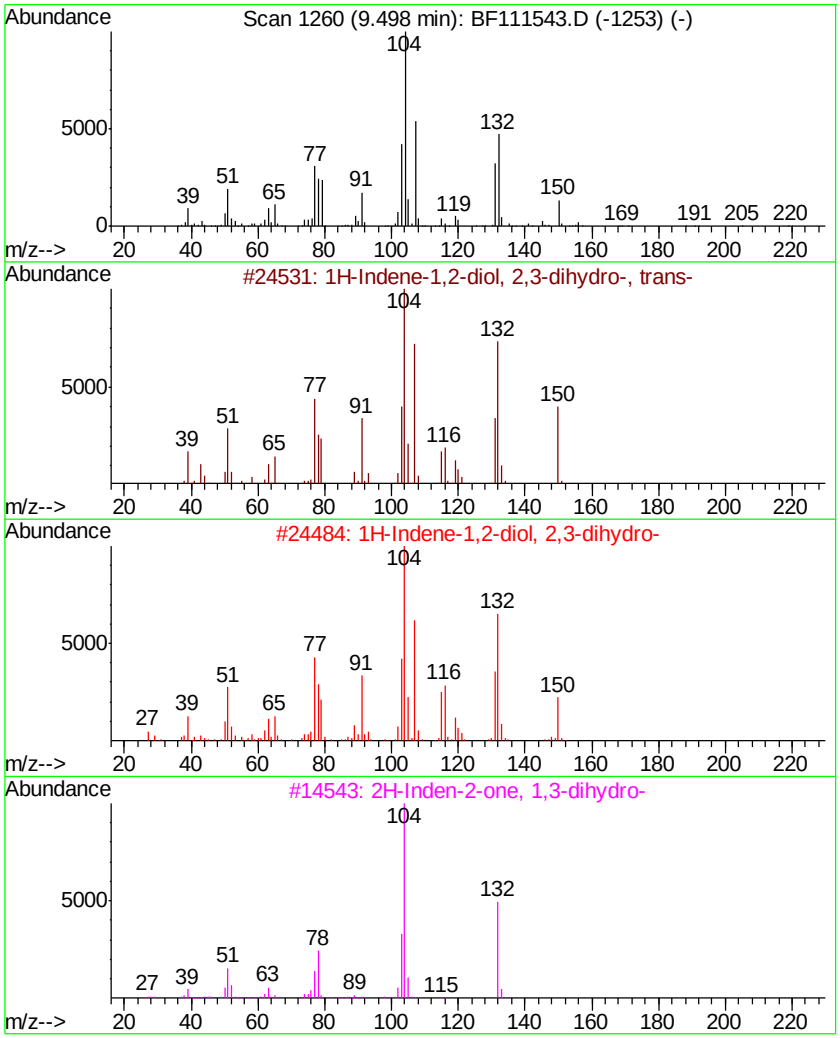
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

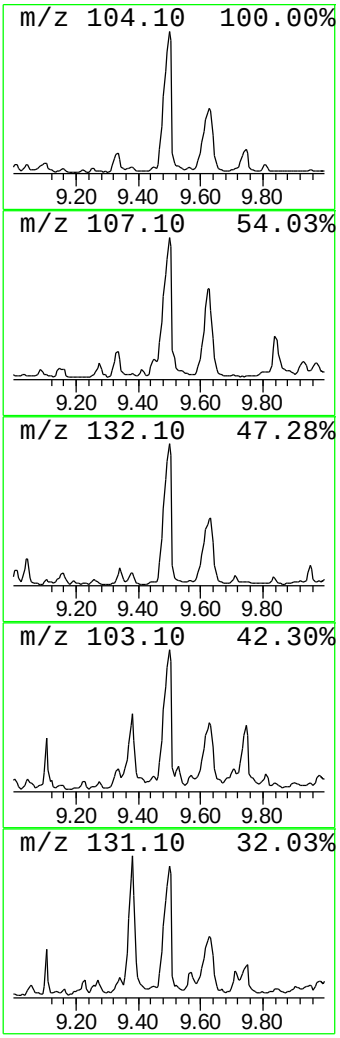
****

Peak Number 12 1H-Indene-1,2-diol, 2,3-dih... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	53.64 ng	8128830	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene-1,2-diol, 2,3-dihydro-...	150	C9H10O2	004647-43-2	90
2	1H-Indene-1,2-diol, 2,3-dihydro-	150	C9H10O2	004370-02-9	87
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	64
4	Indan, epoxide	132	C9H8O	000768-22-9	64
5	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
Operator : JU/SJ
Sample : J6440-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

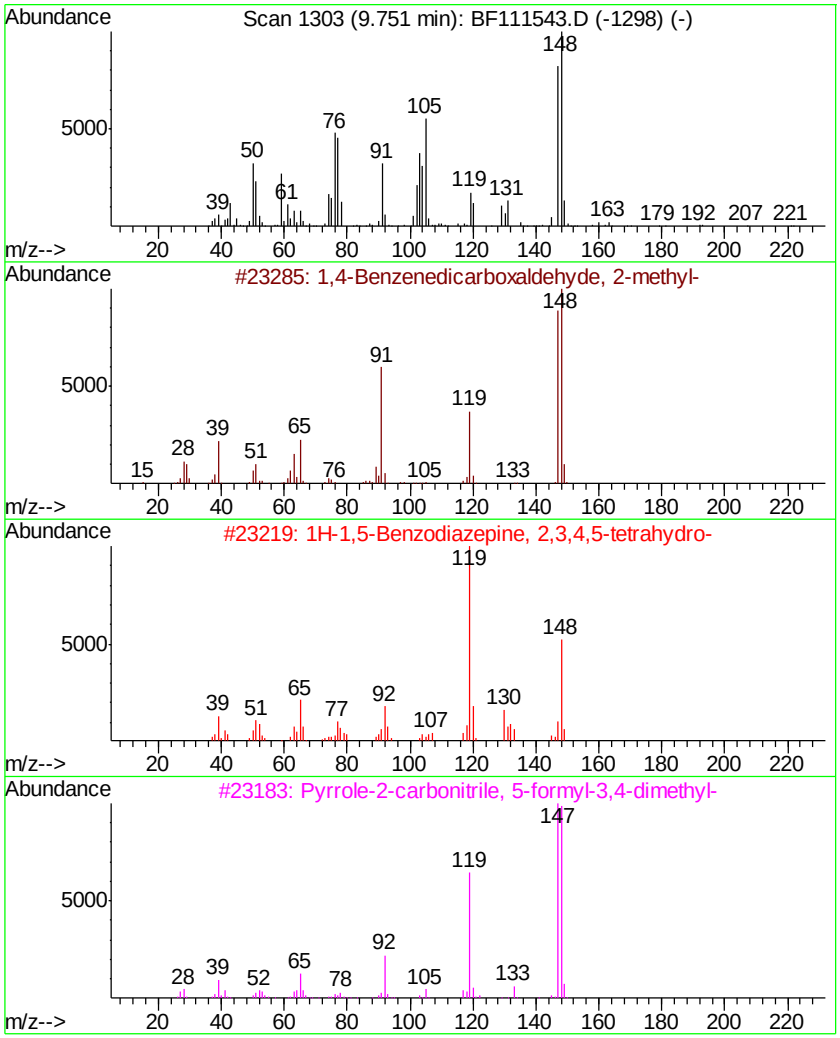
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

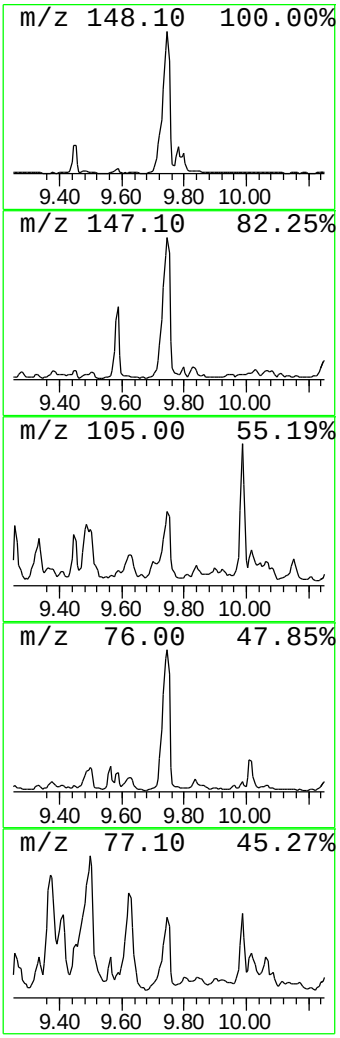
****

Peak Number 14 1,4-Benzenedicarboxaldehyde... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	39.89 ng	6045690	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxaldehyde, 2-m...	148	C9H8O2	027587-17-3	50
2	1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	46
3	Pyrrole-2-carbonitrile, 5-formyl...	148	C8H8N2O	026187-38-2	43
4	3(2H)-Benzofuranone, 5-methyl-	148	C9H8O2	054120-66-0	43
5	4-Vinylbenzoic acid	148	C9H8O2	001075-49-6	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
Operator : JU/SJ
Sample : J6440-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

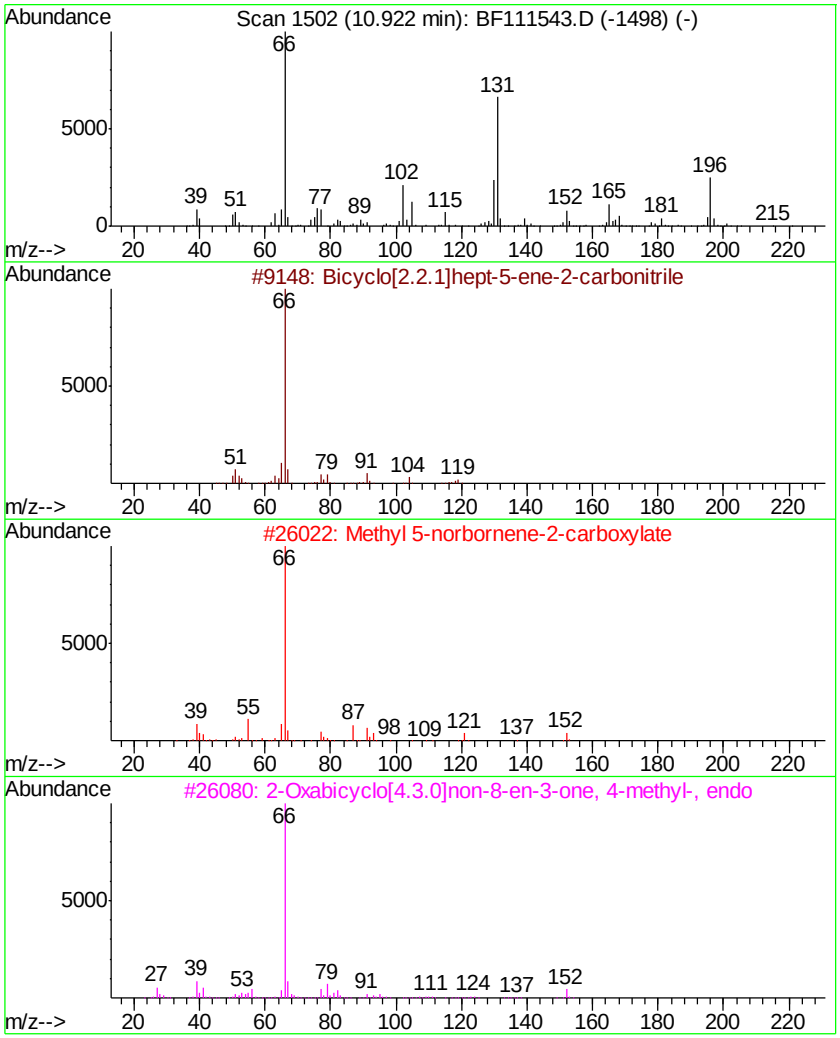
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

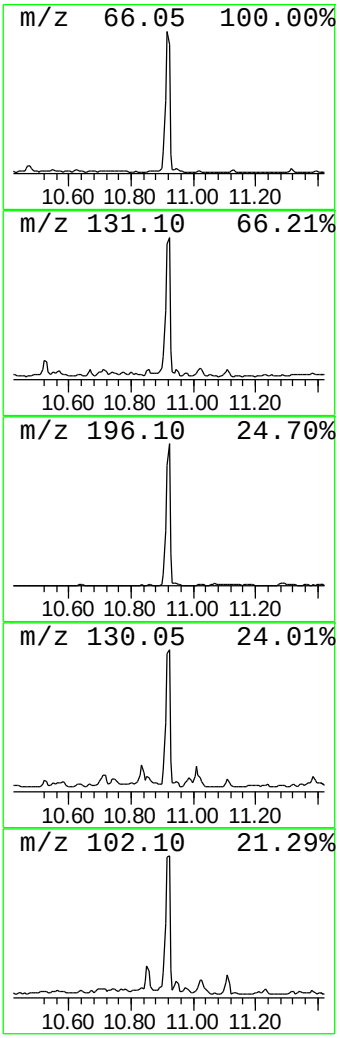
****

Peak Number 15 Bicyclo[2.2.1]hept-5-ene-2-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	87.28 ng	3098100	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]hept-5-ene-2-carbo...	119	C8H9N	000095-11-4	53
2	Methyl 5-norbornene-2-carboxylate	152	C9H12O2	006203-08-3	42
3	2-Oxabicyclo[4.3.0]non-8-en-3-on...	152	C9H12O2	1000153-22-2	42
4	Propanedinitrile	66	C3H2N2	000109-77-3	42
5	Bicyclo[2.2.1]hept-5-ene-2-carbo...	152	C9H12O2	002903-75-5	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
Operator : JU/SJ
Sample : J6440-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

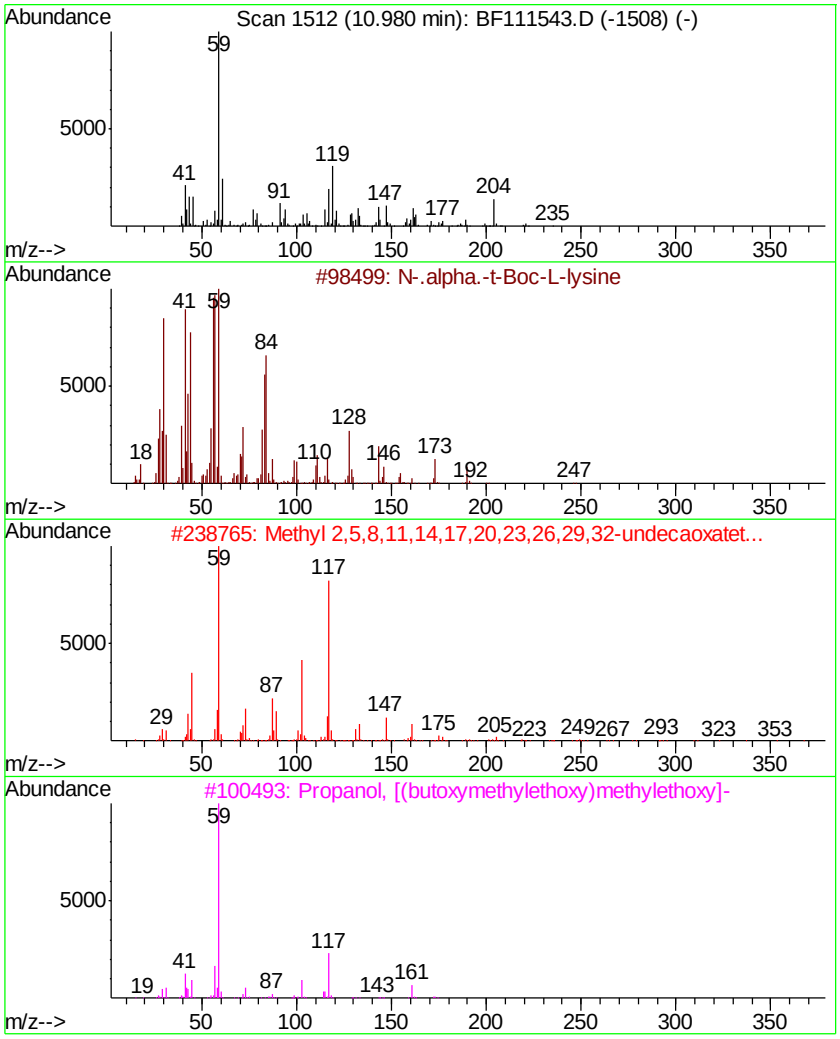
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

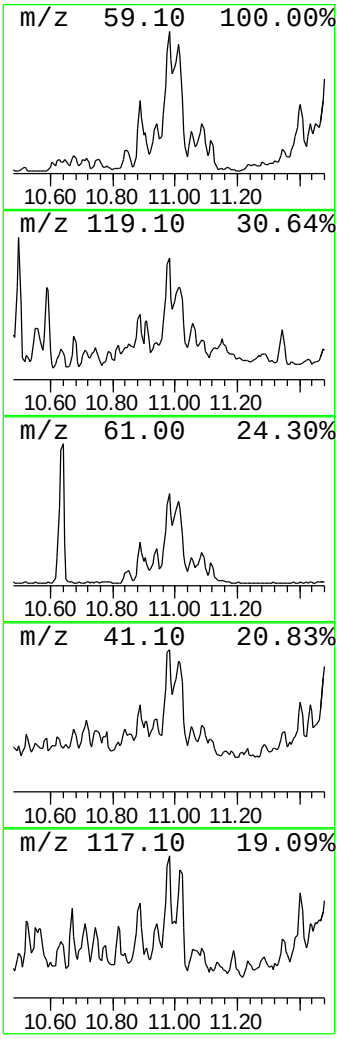
****

Peak Number 16 N-.alpha.-t-Boc-L-lysine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	46.02 ng	1633440	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-.alpha.-t-Boc-L-lysine	246	C11H22N2O4	013734-28-6	83
2	Methyl 2,5,8,11,14,17,20,23,26,2...	544	C24H48O13	1000366-80-9	47
3	Propanol, [(butoxymethylethoxy)m...	248	C13H28O4	055934-93-5	37
4	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	37
5	Allyl dithioacetate	132	C5H8S2	027249-83-8	37





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
Operator : JU/SJ
Sample : J6440-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

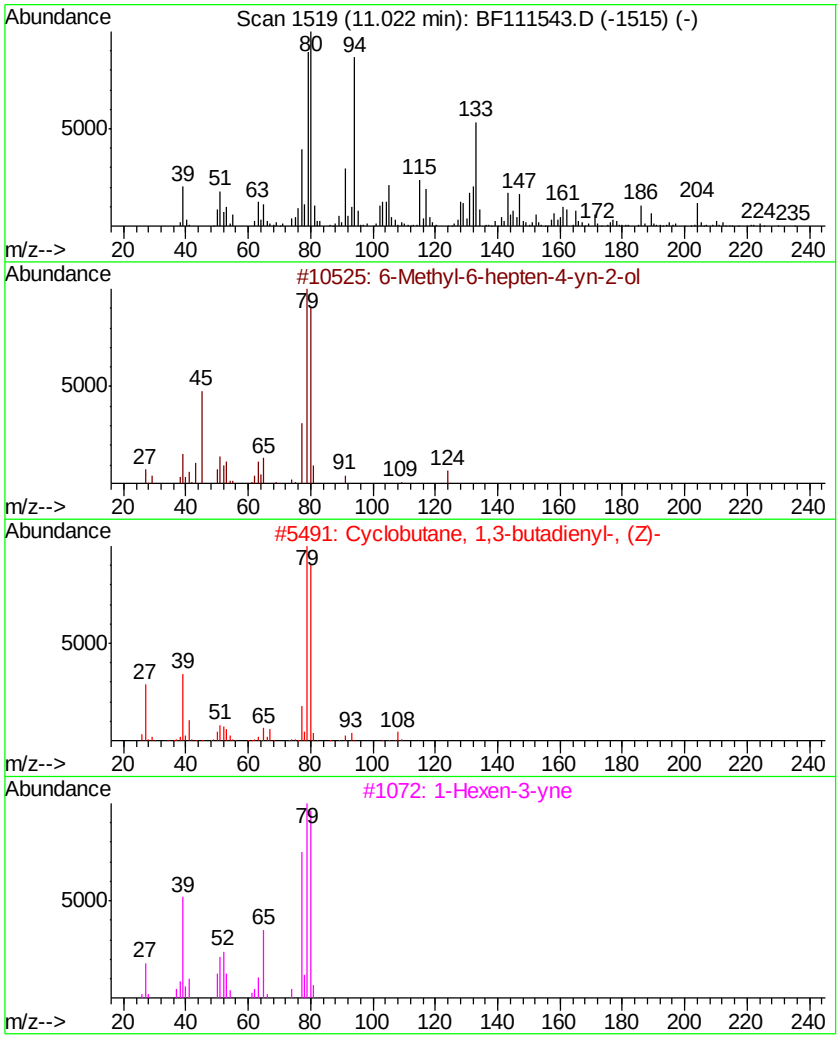
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

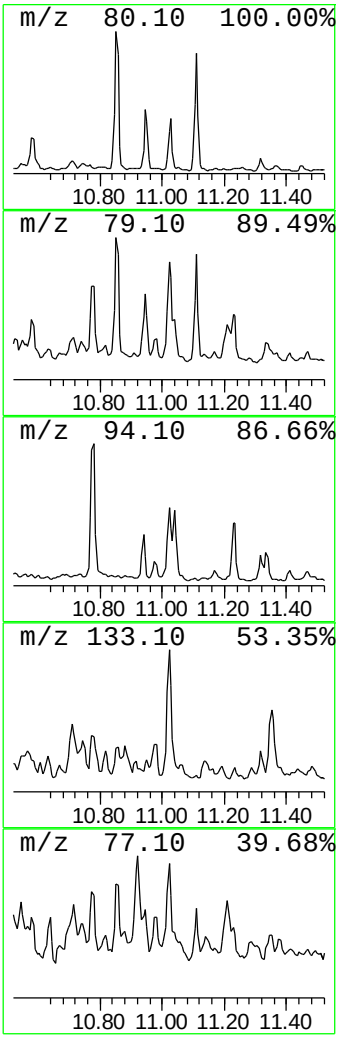
****

Peak Number 17 6-Methyl-6-hepten-4-yn-2-ol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	52.13 ng	1850260	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-6-hepten-4-yn-2-ol	124	C8H12O	020937-57-9	53
2	Cyclobutane, 1,3-butadienyl-, (Z)-	108	C8H12	080344-45-2	50
3	1-Hexen-3-yne	80	C6H8	013721-54-5	50
4	1-Penten-3-yne, 2-methyl-	80	C6H8	000926-55-6	50
5	Cyclobutane, 1,3-butadienyl-, (E)-	108	C8H12	080344-48-5	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
Operator : JU/SJ
Sample : J6440-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

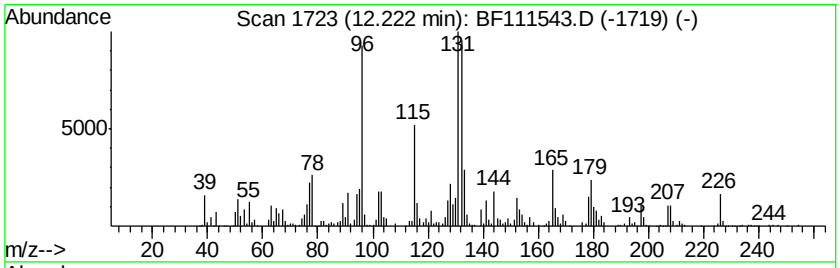
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

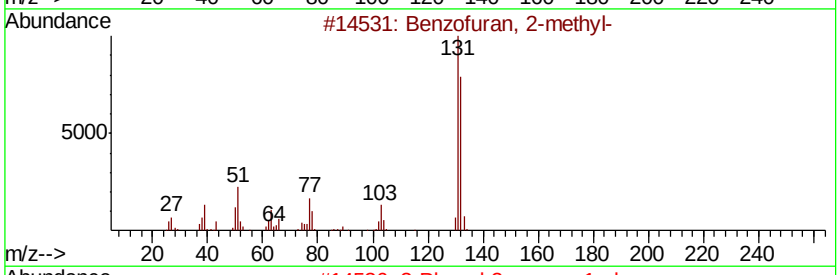
****

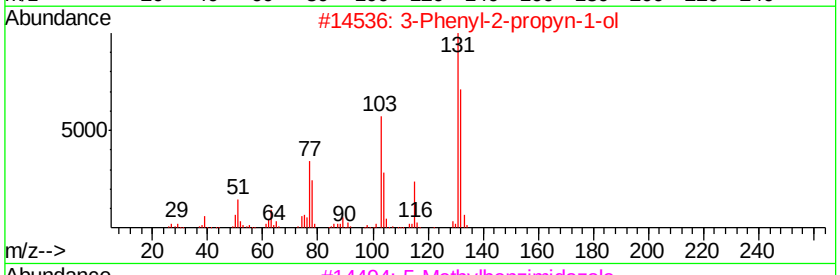
Peak Number 19 unknown12.22 Concentration Rank 18

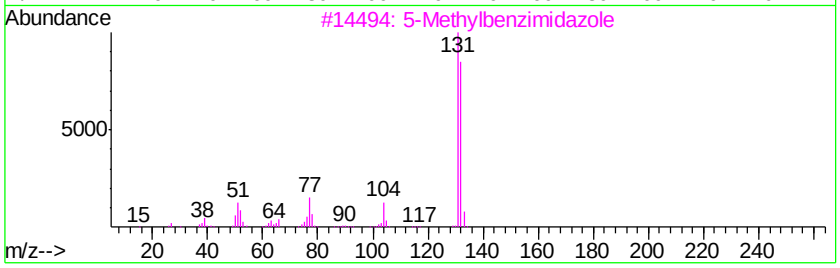
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	33.81 ng	1200190	Phenanthrene-d10	11.32

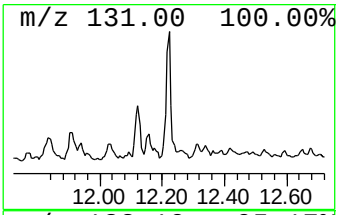
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	38
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	38
3	5-Methylbenzimidazole	132	C8H8N2	000614-97-1	30
4	Benzonitrile, 2-(methylamino)-	132	C8H8N2	017583-40-3	30
5	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	30

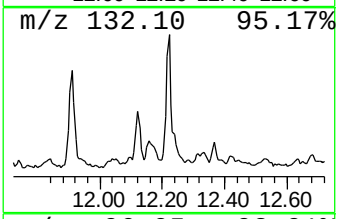


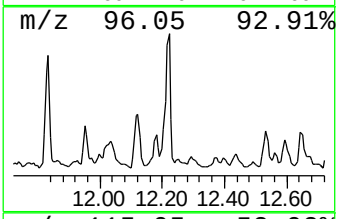


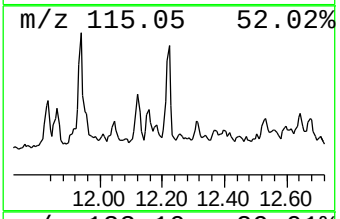


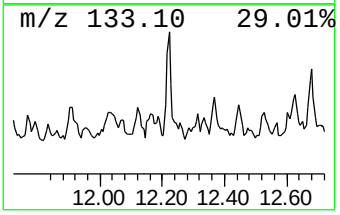












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
Operator : JU/SJ
Sample : J6440-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

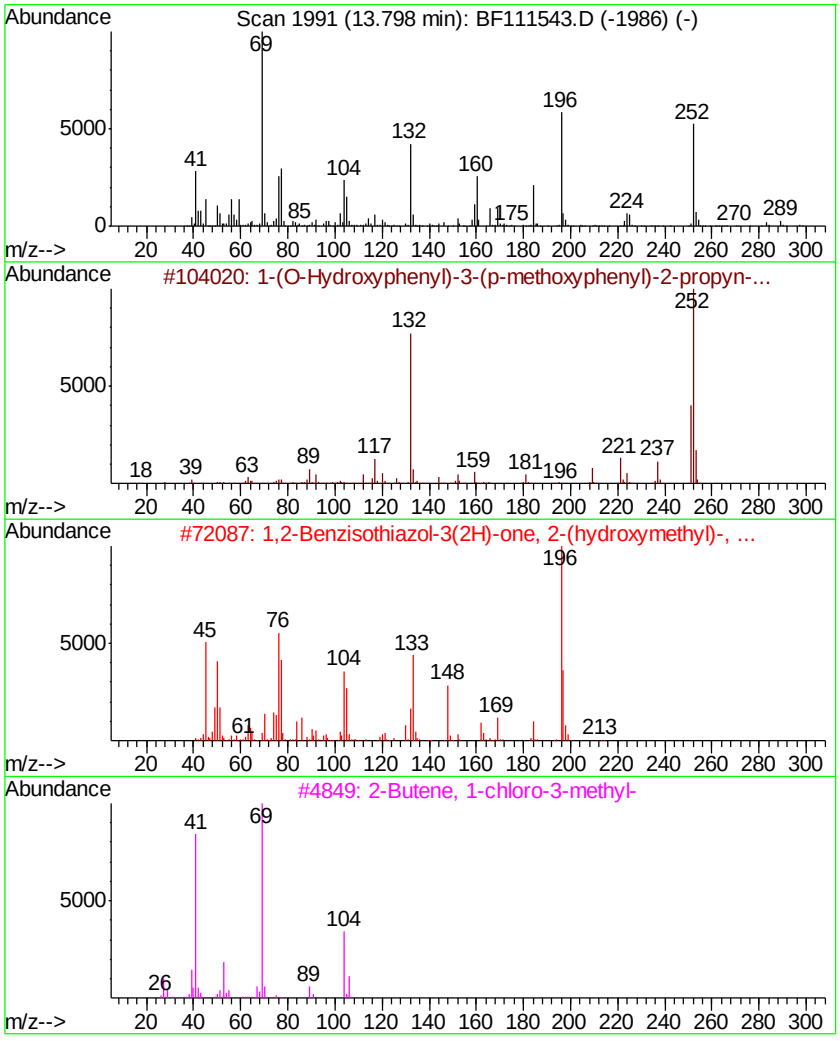
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

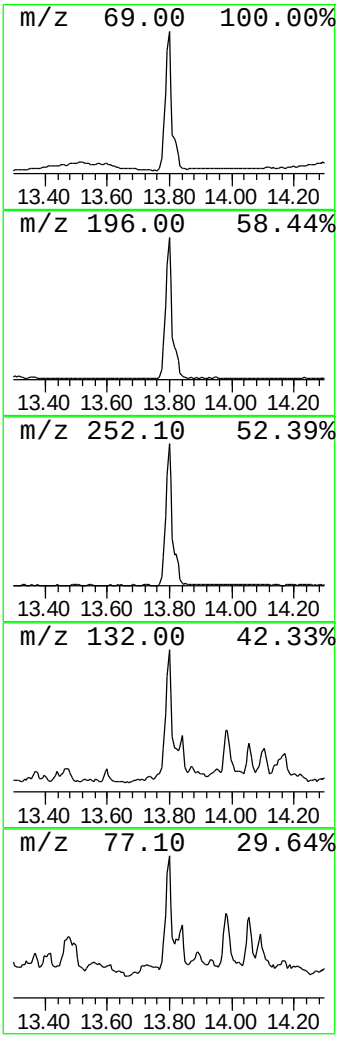
****

Peak Number 20 unknown13.80 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	65.87 ng	2757290	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(O-Hydroxyphenyl)-3-(p-methoxy...	252	C16H12O3	101278-20-0	11
2	1,2-Benzisothiazol-3(2H)-one, 2-...	213	C8H7NO4S	013947-20-1	10
3	2-Butene, 1-chloro-3-methyl-	104	C5H9Cl	000503-60-6	10
4	2-[3-Methoxyphenyl]-4H-1-benzopy...	252	C16H12O3	053906-83-5	10
5	1,3-Dithiolo[4,5-b][1,4]dithiine...	252	C7H8S5	1000197-46-9	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
Operator : JU/SJ
Sample : J6440-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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
unknown6.04	6.04	41.8	ng	2939480	1	6.79	1407510	20.0
unknown6.58	6.58	86.3	ng	6074340	1	6.79	1407510	20.0
Heptanoic acid	7.41	65.8	ng	4633570	1	6.79	1407510	20.0
Benzoic acid, 2-m...	8.49	32.8	ng	2496320	2	8.07	1521720	20.0
Benzoic acid, 3-m...	8.66	160.1	ng	12183500	2	8.07	1521720	20.0
1H-Inden-1-one, 2...	8.69	42.1	ng	3207380	2	8.07	1521720	20.0
1(3H)-Isobenzofur...	9.10	116.6	ng	17662100	3	9.83	3030890	20.0
unknown9.33	9.33	31.5	ng	4774660	3	9.83	3030890	20.0
unknown9.37	9.37	35.6	ng	5400800	3	9.83	3030890	20.0
1H-Indene-1,2-dio...	9.50	53.6	ng	8128830	3	9.83	3030890	20.0
1,4-Benzenedicarb...	9.75	39.9	ng	6045690	3	9.83	3030890	20.0
Bicyclo[2.2.1]hep...	10.92	87.3	ng	3098100	4	11.32	709931	20.0
N-.alpha.-t-Boc-L...	10.98	46.0	ng	1633440	4	11.32	709931	20.0
6-Methyl-6-hepten...	11.02	52.1	ng	1850260	4	11.32	709931	20.0
unknown12.22	12.22	33.8	ng	1200190	4	11.32	709931	20.0
unknown13.80	13.80	65.9	ng	2757290	5	13.95	837213	20.0