LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103817.D
Acq On : 20 Mar 2018 21:55
Operator : JU/SJ
Sample : J1960-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BB

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:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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	2.287	29	34	41	rVB	436092	593327	3.11%	0.297%
2	2.434	48	59	62	rBV	1864329	6620043	34.71%	3.310%
3	3.604	240	258	262	rBV	3394266	8441486	44.27%	4.220%
4	4.004	317	326	332	rBV	667159	912165	4.78%	0.456%
5	4.110	338	344	357	rVB2	928749	1477469	7.75%	0.739%
6	5.445	565	571	574	rBV	3470701	4766531	24.99%	2.383%
7	5.569	583	592	599	rBV3	1202489	1794685	9.41%	0.897%
8	5.716	608	617	623	rBV	873791	2521173	13.22%	1.261%
9	5.792	623	630	632	rVV3	221025	578998	3.04%	0.289%
10	5.845	632	639	641	rVV	2771800	4370776	22.92%	2.185%
11	5.904	641	649	652	rVV	5027310	13073617	68.56%	6.536%
12	5.939	652	655	658	rVB	975410	758479	3.98%	0.379%
13	6.134	681	688	696	rBV3	178177	361257	1.89%	0.181%
14	6.498	746	750	752	rBV	525111	459921	2.41%	0.230%
15	6.528	752	755	760	rVB2	254378	260247	1.36%	0.130%
16	6.598	764	767	772	rVB2	1243301	1369661	7.18%	0.685%
17	6.657	772	777	779	rBV3	262163	313803	1.65%	0.157%
18	6.745	786	792	795	rVB	3136792	4028807	21.13%	2.014%
19	6.775	795	797	798	rBV	410864	264481	1.39%	0.132%
20	6.798	798	801	804	rVB2	1412331	1298951	6.81%	0.649%
21	6.892	813	817	820	rBV	775263	790313	4.14%	0.395%
22	6.975	827	831	836	rBV	1270142	1223261	6.41%	0.612%
23	7.028	836	840	844	rBV	1517451	1395874	7.32%	0.698%
24	7.075	844	848	851	rVB4	239091	401647	2.11%	0.201%
25	7.134	851	858	860	rBV	3312550	3384990	17.75%	1.692%
26	7.151	860	861	864	rVB	469185	282057	1.48%	0.141%
27	7.234	869	875	878	rBV2	542801	678454	3.56%	0.339%
28	7.286	881	884	888	rBV2	318520	359414	1.88%	0.180%
29	7.345	890	894	895	rBV	307596	310651	1.63%	0.155%
30	7.369	895	898	906	rVB2	985519	1454806	7.63%	0.727%
31	7.504	915	921	923	rBV3	417134	534830	2.80%	0.267%
32	7.539	923	927	933	rVB2	2752747	3207822	16.82%	1.604%
33	7.657	942	947	951	rBV5	624792	1353074	7.10%	0.676%
34	7.763	962	965	969	rBV	312860	259706	1.36%	0.130%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J1960-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BB

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:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.798	969	971	975	rVB2	253578	334354	1.75%	0.167%
36	7.922	989	992	996	rVB3	478204	504232	2.64%	0.252%
37	7.969	996	1000	1001	rBV3	290666	303657	1.59%	0.152%
38	7.992	1001	1004	1006	rBV2	699270	764011	4.01%	0.382%
39	8.051	1010	1014	1015	rBV3	313510	402791	2.11%	0.201%
40	8.098	1019	1022	1023	rBV	251569	290763	1.52%	0.145%
41	8.169	1030	1034	1036	rBV	1035931	889980	4.67%	0.445%
42	8.198	1036	1039	1041	rVV3	459748	681622	3.57%	0.341%
43	8.228	1041	1044	1047	rVV2	1215789	1289247	6.76%	0.645%
44	8.298	1047	1056	1060	rVV2	5825326	19069995	100.00%	9.534%
45	8.351	1062	1065	1068	rVB	2210161	1811736	9.50%	0.906%
46	8.498	1087	1090	1092	rBV2	340761	328363	1.72%	0.164%
47	8.533	1092	1096	1101	rVB5	482637	690982	3.62%	0.345%
48	8.633	1101	1113	1115	rBV6	977300	1805580	9.47%	0.903%
49	8.663	1115	1118	1121	rVV4	328937	347278	1.82%	0.174%
50	8.757	1131	1134	1136	rBV	584716	460774	2.42%	0.230%
51	8.833	1145	1147	1153	rVB2	717573	600722	3.15%	0.300%
52	8.922	1158	1162	1165	rBV2	314367	385993	2.02%	0.193%
53	8.975	1165	1171	1174	rVB	4127458	4105070	21.53%	2.052%
54	9.039	1177	1182	1184	rBV3	247718	378000	1.98%	0.189%
55	9.075	1184	1188	1190	rVB	2274130	2111768	11.07%	1.056%
56	9.128	1193	1197	1200	rBV4	378056	638948	3.35%	0.319%
57	9.216	1205	1212	1215	rVV2	1304082	2404467	12.61%	1.202%
58	9.333	1227	1232	1235	rVB	4158082	4099200	21.50%	2.049%
59	9.398	1240	1243	1246	rBV	936687	928444	4.87%	0.464%
60	9.433	1246	1249	1252	rVB2	699066	681360	3.57%	0.341%
61	9.475	1252	1256	1259	rVB2	1219482	1200030	6.29%	0.600%
62	9.527	1259	1265	1267	rBV4	352801	613329	3.22%	0.307%
63	9.592	1273	1276	1281	rVB	606874	891928	4.68%	0.446%
64	9.669	1286	1289	1292	rBV	757844	951725	4.99%	0.476%
65	9.698	1292	1294	1296	rVV	451028	384828	2.02%	0.192%
66	9.722	1296	1298	1301	rVB2	1011581	764028	4.01%	0.382%
67	9.769	1302	1306	1308	rBV	1623371	1527468	8.01%	0.764%
68	9.875	1321	1324	1327	rBV4	628156	662484	3.47%	0.331%
69	9.927	1329	1333	1336	rVB2	1292388	1349713	7.08%	0.675%
70	9.992	1341	1344	1346	rVV	812492	987016	5.18%	0.493%
71	10.016	1346	1348	1351	rVV2	1404003	1379176	7.23%	0.690%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J1960-01
Misc :
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Instrument : BNA_F
ClientSampleId : BB

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
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.051	1351	1354	1357	rVB	1192628	1164417	6.11%	0.582%
73	10.116	1362	1365	1366	rBV2	233599	262906	1.38%	0.131%
74	10.222	1379	1383	1386	rVB2	1143072	1142156	5.99%	0.571%
75	10.257	1386	1389	1393	rBV2	323994	420059	2.20%	0.210%
76	10.333	1399	1402	1403	rBV2	452639	476523	2.50%	0.238%
77	10.427	1415	1418	1422	rVB2	922921	1098538	5.76%	0.549%
78	10.569	1439	1442	1444	rVB	828119	728757	3.82%	0.364%
79	10.651	1454	1456	1459	rVV	466548	457947	2.40%	0.229%
80	10.680	1459	1461	1463	rVB	448990	316860	1.66%	0.158%
81	10.816	1479	1484	1487	rBV2	1425328	1650126	8.65%	0.825%
82	10.922	1498	1502	1505	rBV2	1095473	1523545	7.99%	0.762%
83	10.980	1509	1512	1515	rBV	1252292	1033638	5.42%	0.517%
84	11.069	1524	1527	1529	rBV	2156023	1955336	10.25%	0.978%
85	11.092	1529	1531	1534	rVV	2494266	1961310	10.28%	0.981%
86	11.121	1534	1536	1539	rVV2	549950	550180	2.89%	0.275%
87	11.157	1539	1542	1546	rVB	2747115	2614916	13.71%	1.307%
88	11.274	1557	1562	1567	rBV	2963238	3732160	19.57%	1.866%
89	11.398	1581	1583	1588	rVB2	653588	748648	3.93%	0.374%
90	11.457	1588	1593	1598	rBV	3779729	6807095	35.70%	3.403%
91	11.521	1598	1604	1606	rBV	3495776	6017511	31.55%	3.009%
92	11.551	1606	1609	1612	rVB	3349574	4237956	22.22%	2.119%
93	11.616	1615	1620	1623	rVB	3231488	4250654	22.29%	2.125%
94	11.727	1634	1639	1642	rBV	3093072	5831061	30.58%	2.915%
95	11.898	1664	1668	1670	rBV	3166692	5186074	27.19%	2.593%
96	11.980	1679	1682	1687	rVB	2637682	3788691	19.87%	1.894%
97	12.045	1688	1693	1695	rBV	2554067	4184631	21.94%	2.092%
98	12.163	1708	1713	1715	rBV	2199423	4095821	21.48%	2.048%
99	12.321	1736	1740	1742	rBV3	2393997	3732690	19.57%	1.866%
100	17.009	2532	2537	2545	rVB	1517735	3119215	16.36%	1.560%

Sum of corrected areas: 200013259

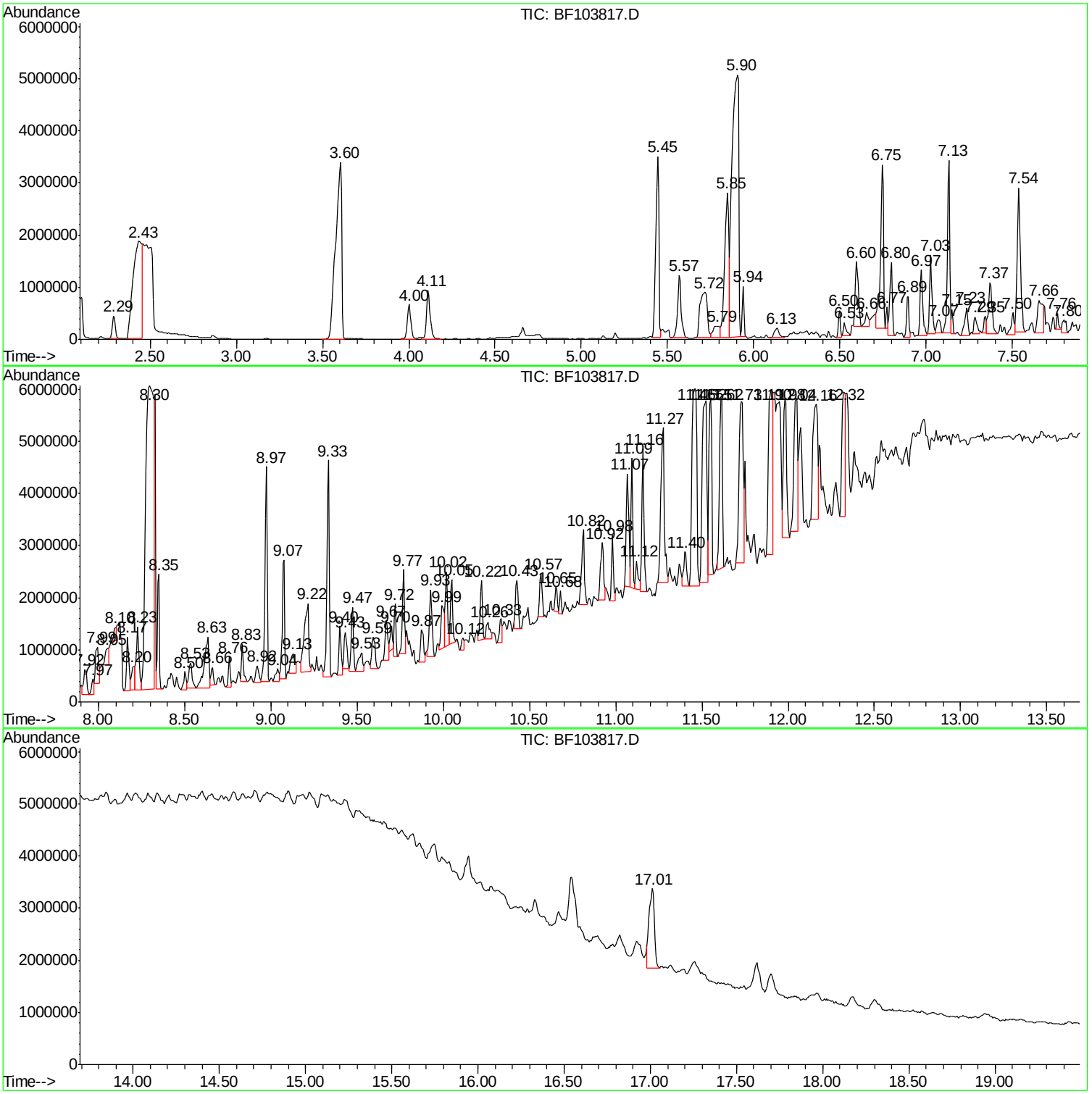
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103817.D
Acq On : 20 Mar 2018 21:55
Operator : JU/SJ
Sample : J1960-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103817.D
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Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

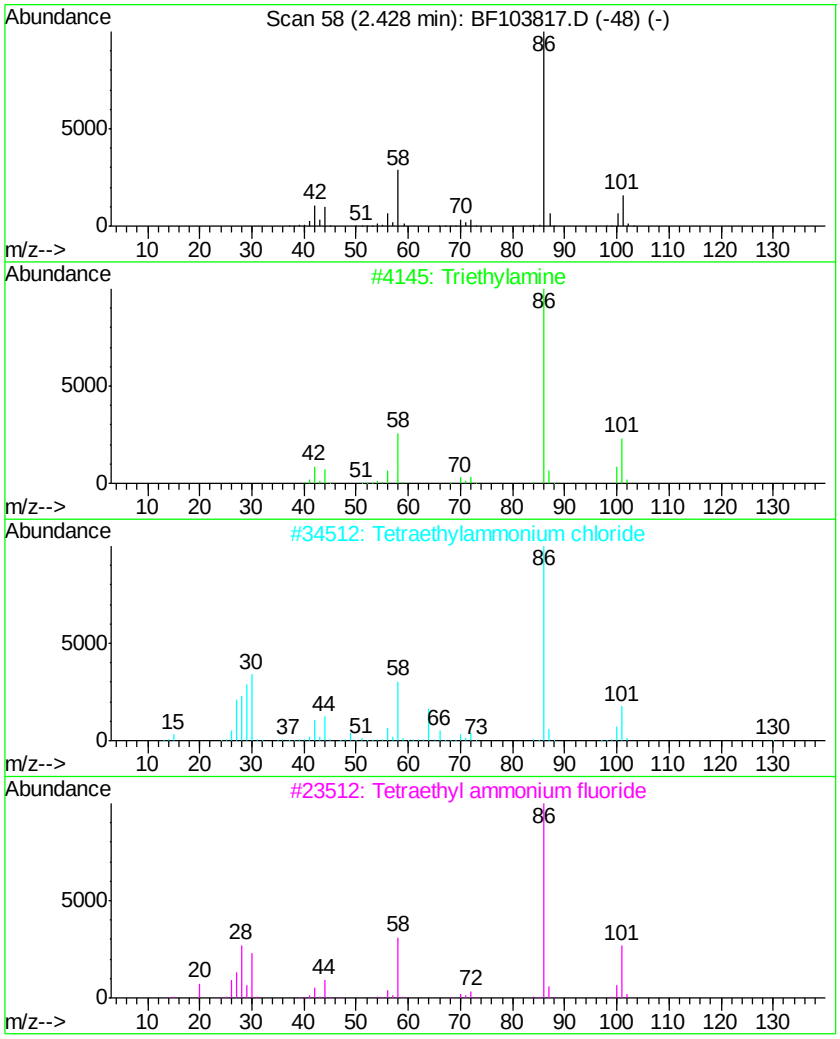
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

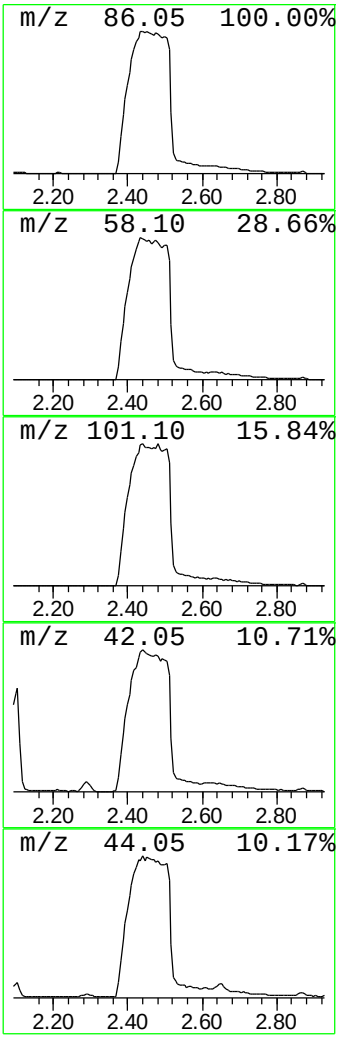
****

Peak Number 1 Triethylamine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	108.24 ng	6620040	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethylamine	101	C6H15N	000121-44-8	94
2	Tetraethylammonium chloride	165	C8H20ClN	000056-34-8	83
3	Tetraethyl ammonium fluoride	149	C8H20FN	000665-46-3	78
4	1,2-Ethanediamine, N,N-diethyl-	116	C6H16N2	000100-36-7	72
5	2-(2-Diethylaminoethoxy)-ethanol	161	C8H19NO2	000140-82-9	64





Library Search Compound Report

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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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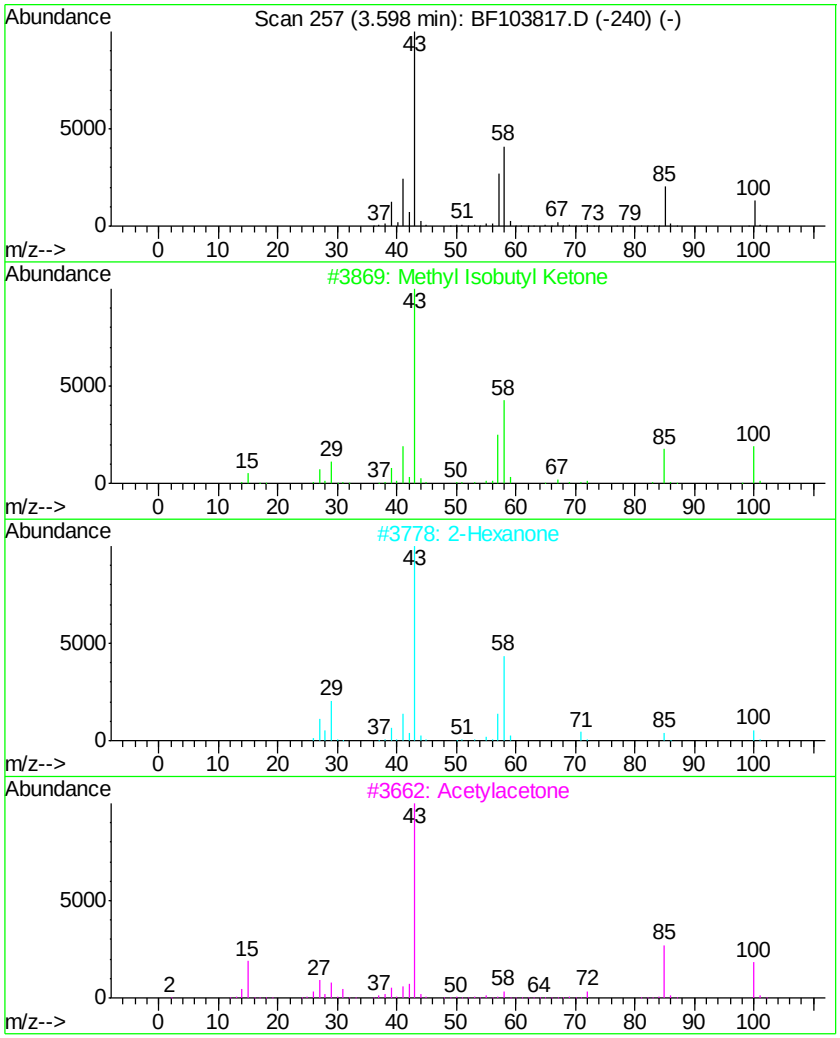
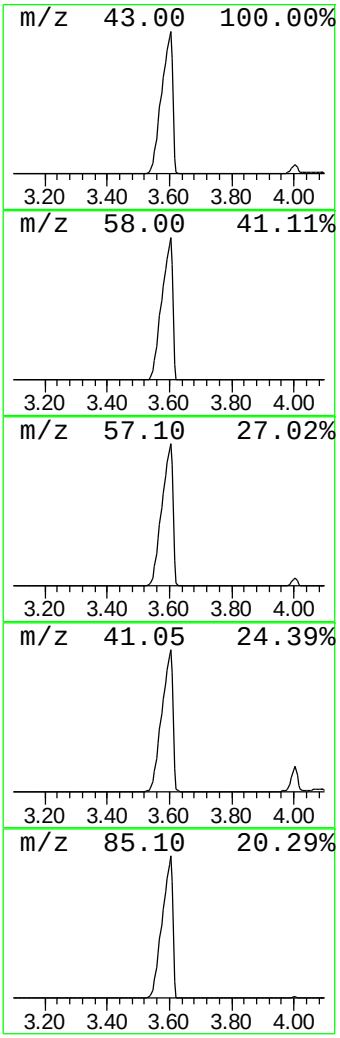
****

Peak Number 2 Methyl Isobutyl Ketone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	138.02 ng	8441490	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	86
2	2-Hexanone	100	C6H12O	000591-78-6	80
3	Acetylacetone	100	C5H8O2	000123-54-6	46
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	37
5	Pentanal, 2,2-dimethyl-	114	C7H14O	014250-88-5	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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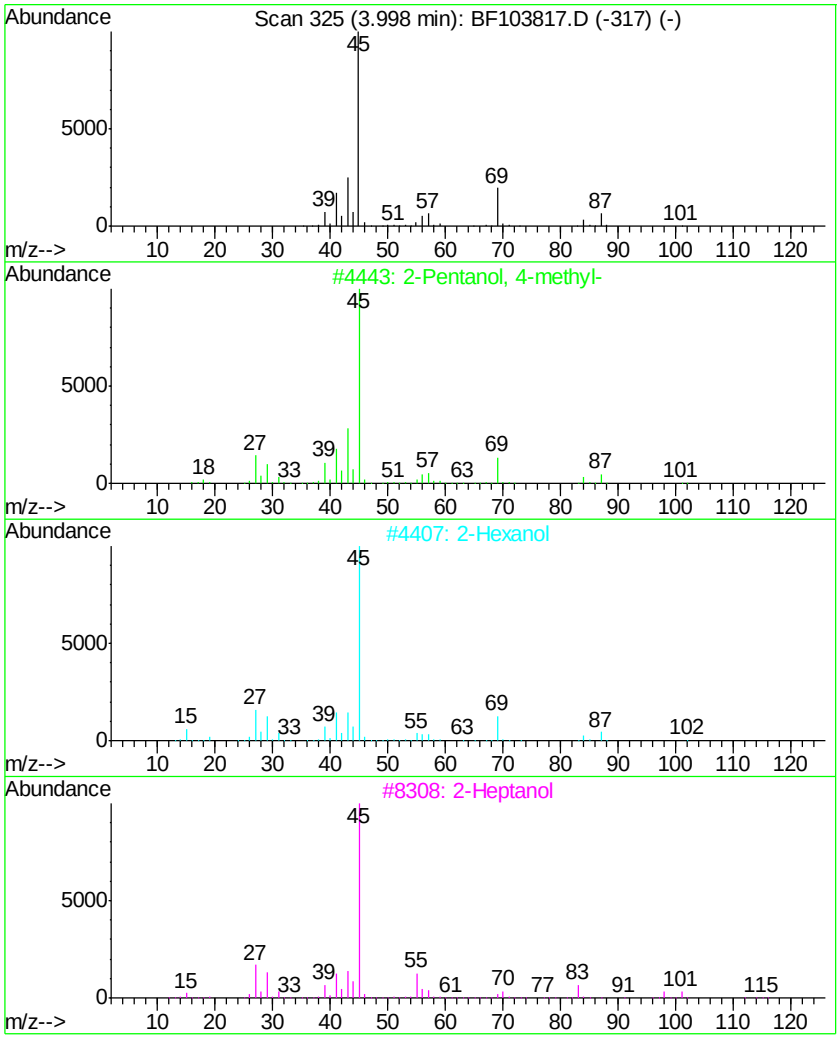
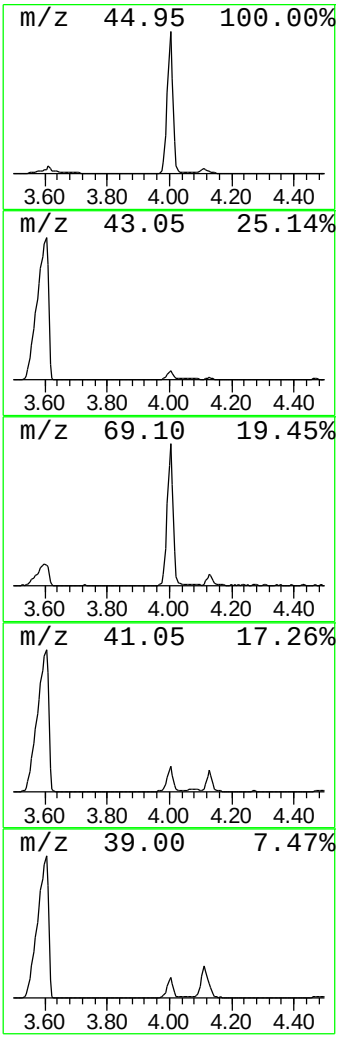
Peak Number 3 2-Pentanol, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	14.91 ng	912165	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2	2-Hexanol	102	C6H14O	000626-93-7	83
3	2-Heptanol	116	C7H16O	000543-49-7	40
4	(R)-(-)-3-Methyl-2-butanol	88	C5H12O	001572-93-6	38
5	Diisopropyl ether	102	C6H14O	000108-20-3	38





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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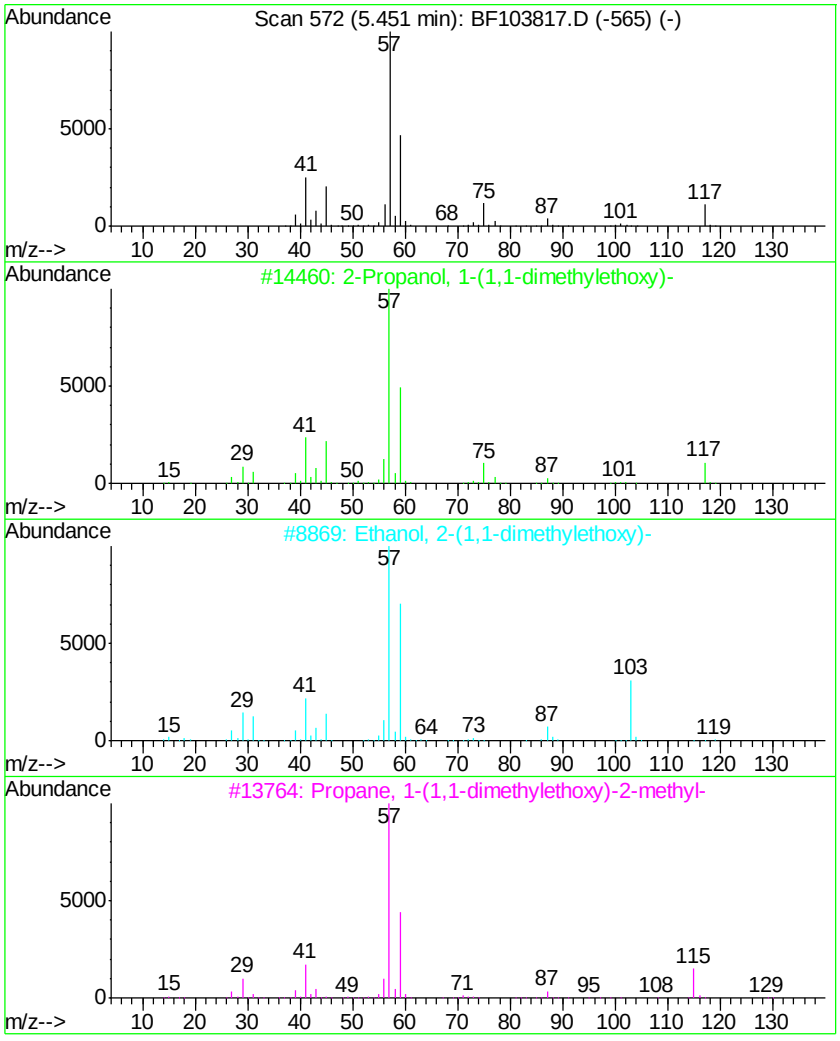
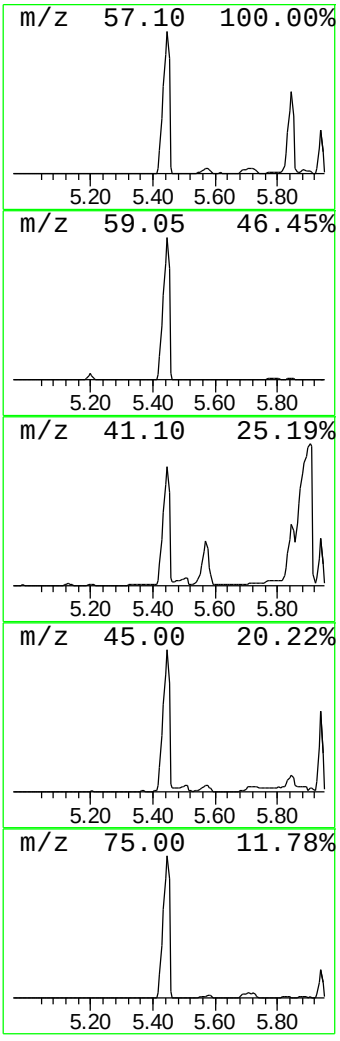
Peak Number 5 2-Propanol, 1-(1,1-dimethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	77.93 ng	4766530	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(1,1-dimethylethoxy)-	132	C7H16O2	057018-52-7	90
2	Ethanol, 2-(1,1-dimethylethoxy)-	118	C6H14O2	007580-85-0	53
3	Propane, 1-(1,1-dimethylethoxy)-...	130	C8H18O	033021-02-2	47
4	1-tert-Butoxy-2-methoxyethane	132	C7H16O2	066728-50-5	42
5	Propane, 2,2'-[methylenebis(oxy)...	160	C9H20O2	002568-93-6	38





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

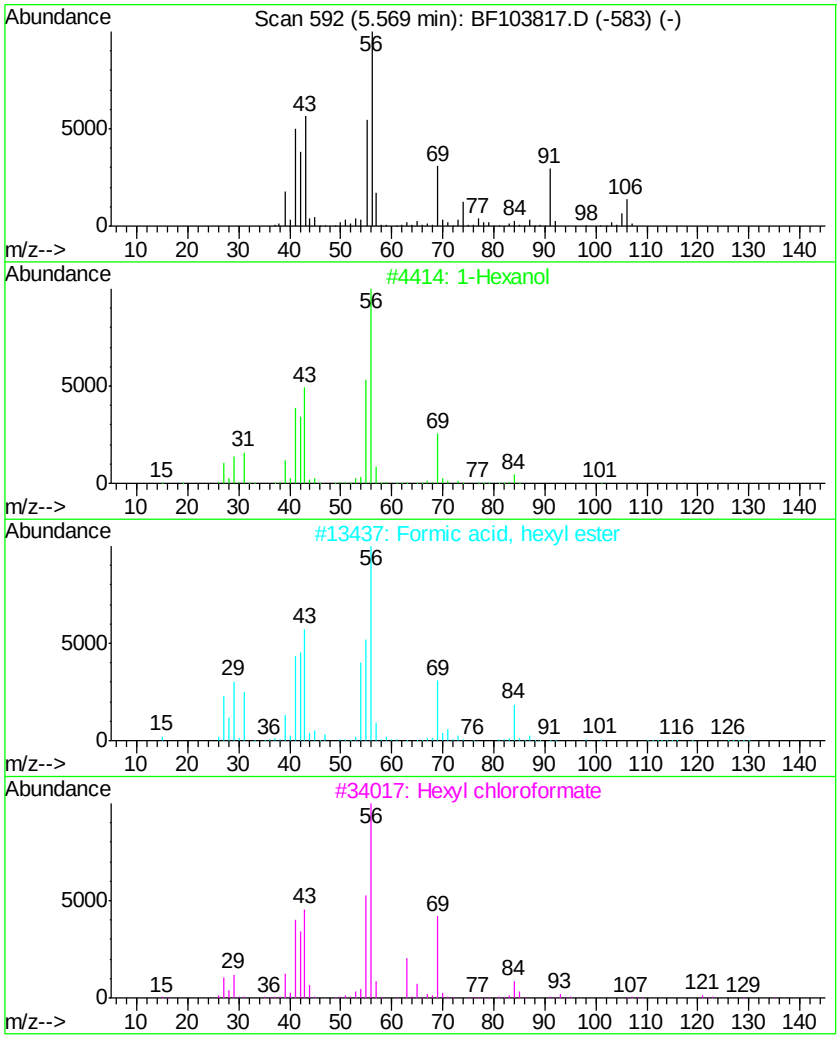
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

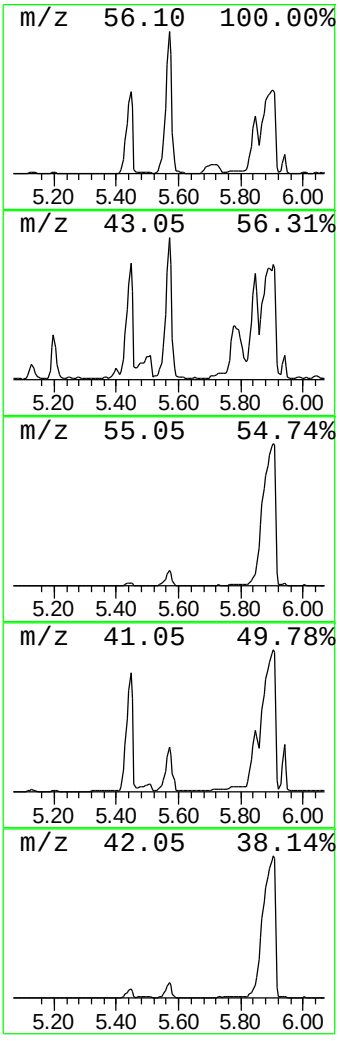
****

Peak Number 6 1-Hexanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	29.34 ng	1794690	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol	102	C6H14O	000111-27-3	64
2	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	50
3	Hexyl chloroformate	164	C7H13ClO2	006092-54-2	50
4	1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	45
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	43





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Operator : JU/SJ
Sample : J1960-01
Misc :
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Instrument : BNA_F
ClientSampleId : BB

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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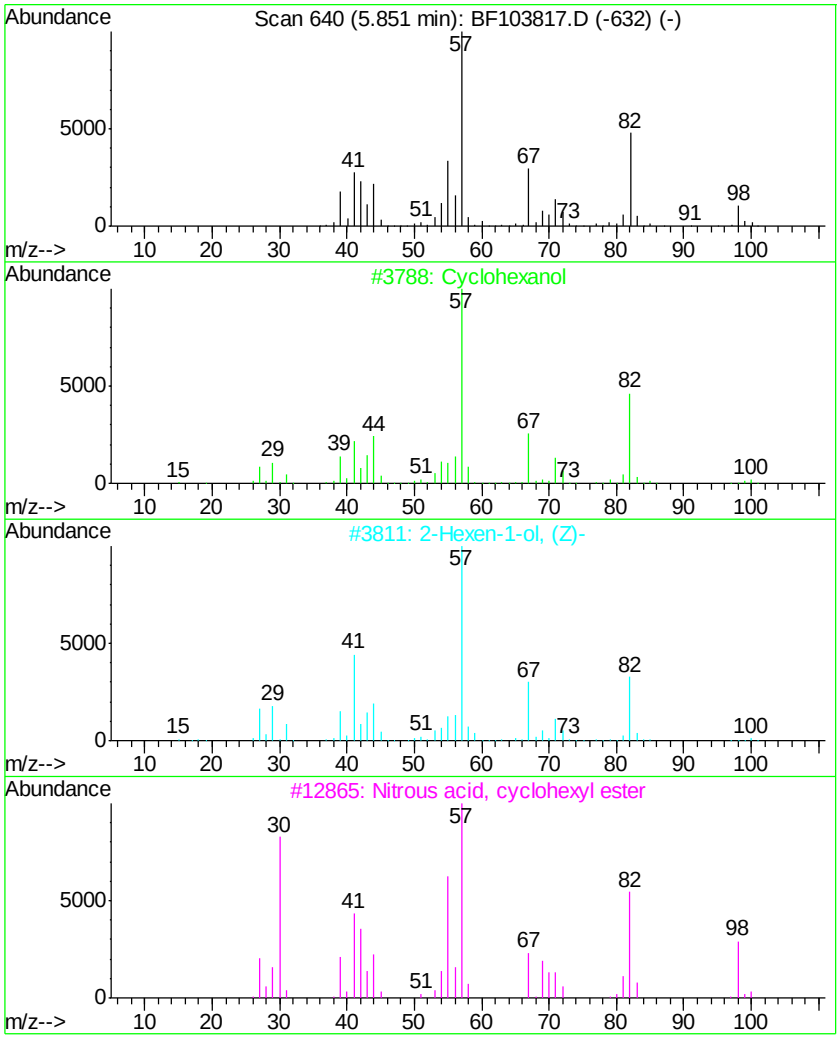
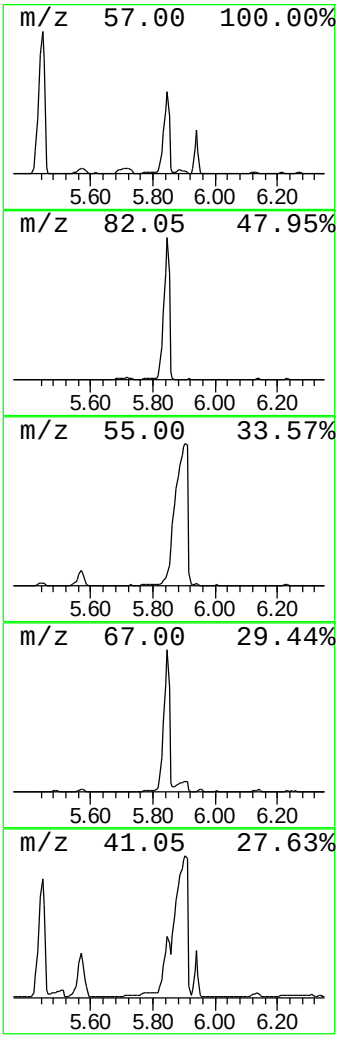
Peak Number 7 Cyclohexanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.85	71.46 ng	4370780	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol	100	C6H12O	000108-93-0	93
2	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	72
3	Nitrous acid, cyclohexyl ester	129	C6H11NO2	005156-40-1	56
4	2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	50
5	Cyclopentanol, 2-methyl-	100	C6H12O	024070-77-7	38





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ClientSampleId : BB

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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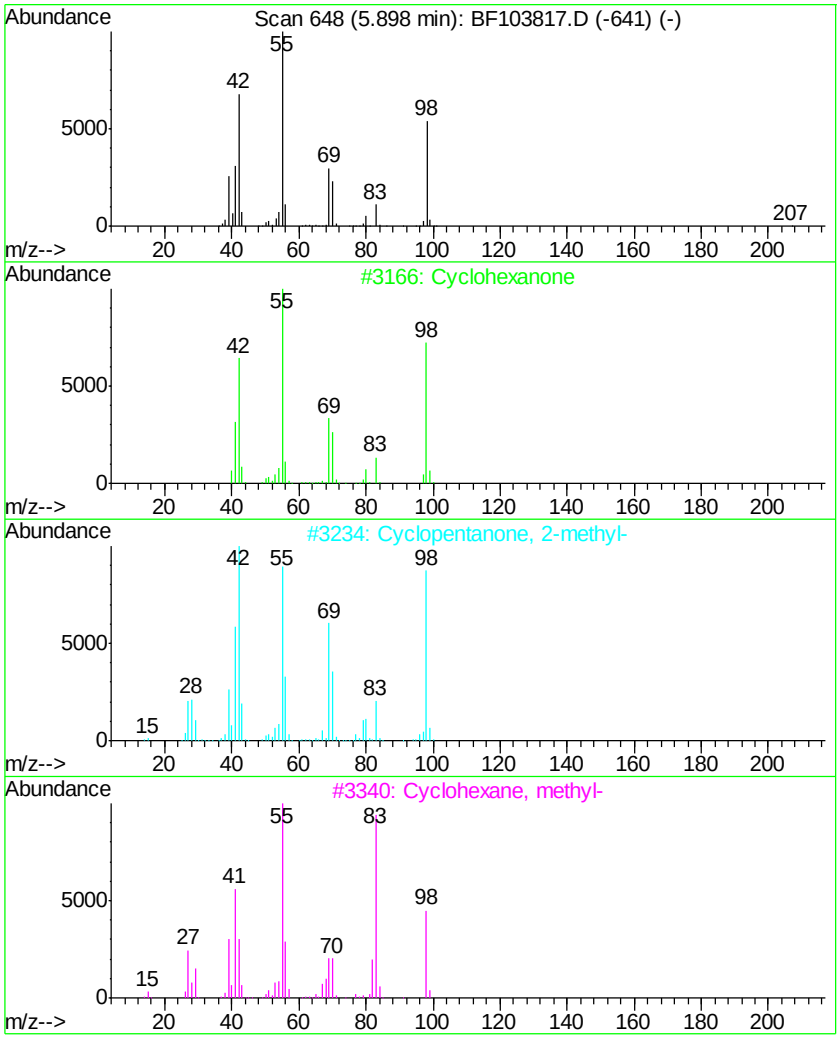
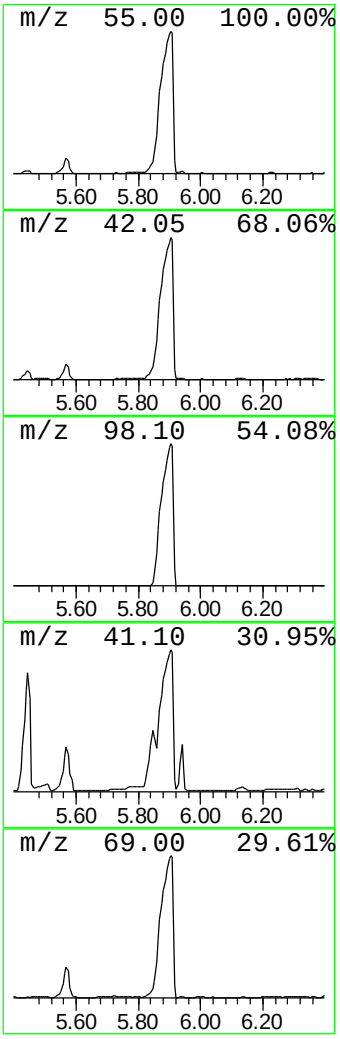
Peak Number 8 Cyclohexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	213.75 ng	13073600	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	94
2	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	56
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	53
4	Bis(1-hydroxycyclohexyl) peroxide	230	C12H22O4	002407-94-5	50
5	6-Oxa-bicyclo[3.1.0]hexan-3-one	98	C5H6O2	074017-10-0	47





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

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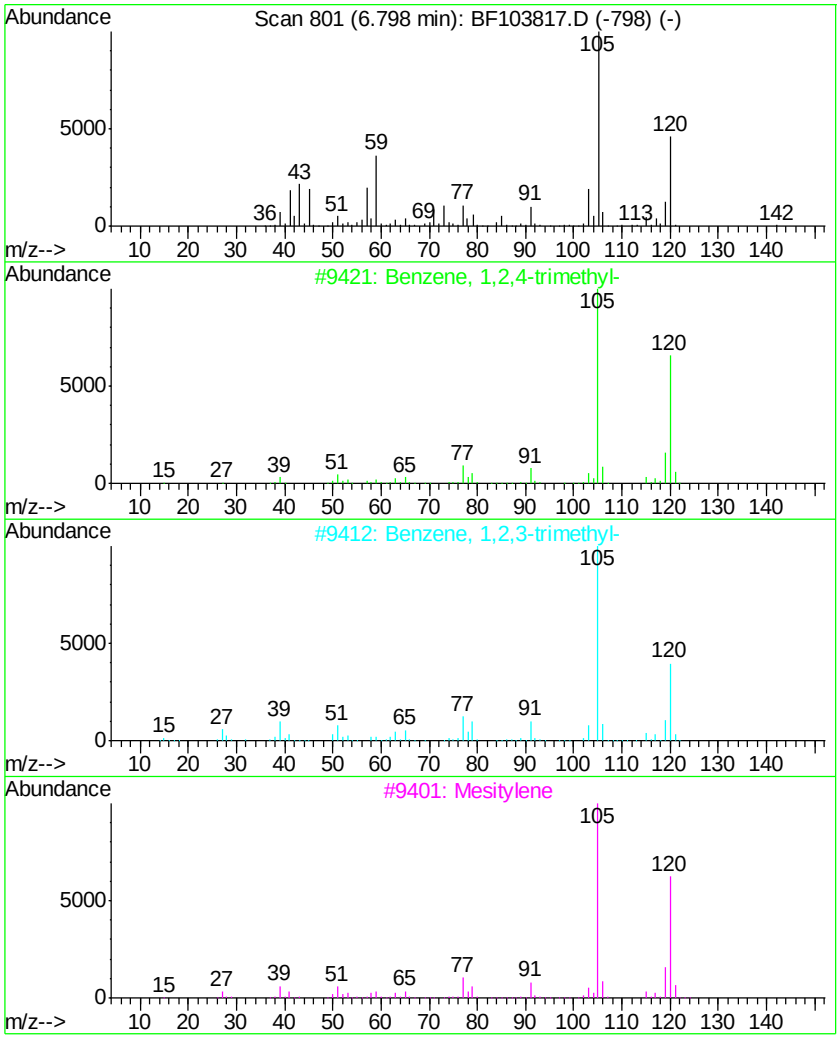
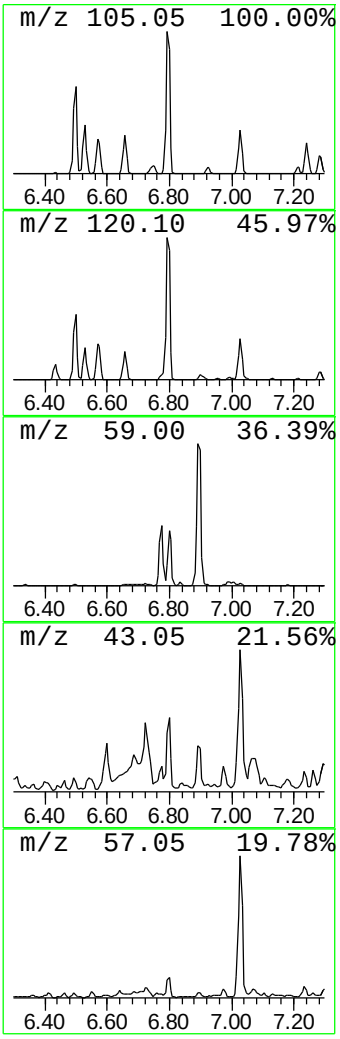
Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	21.24 ng	1298950	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	55
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	55
3	Mesitylene	120	C9H12	000108-67-8	55
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	43
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	38





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Sample : J1960-01
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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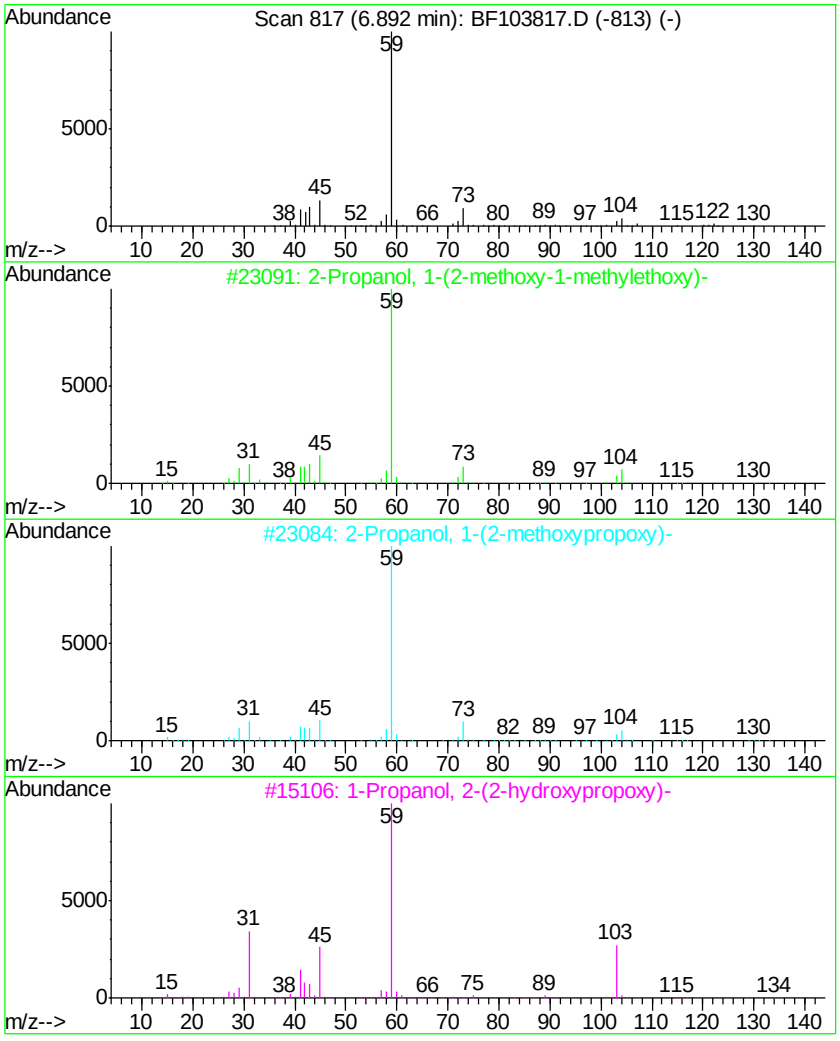
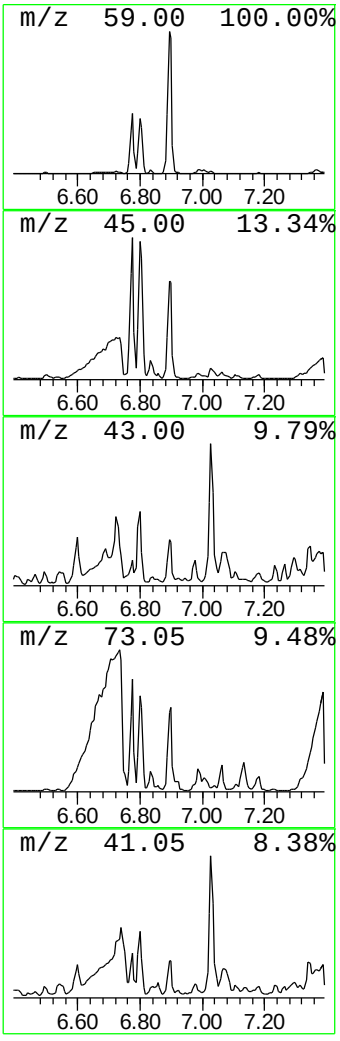
Peak Number 10 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	12.92 ng	790313	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	83
2	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	83
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	64
4	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	56
5	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	50





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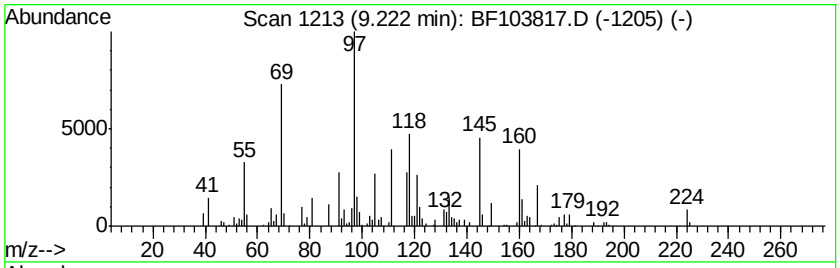
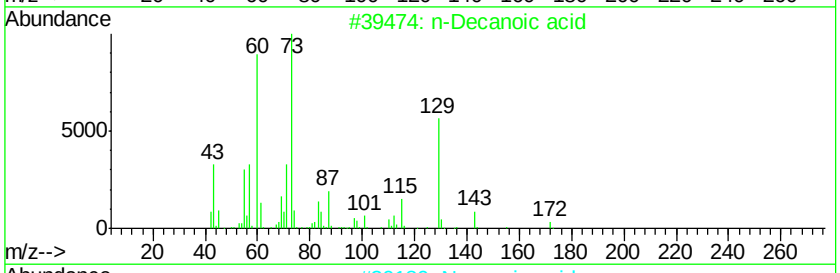
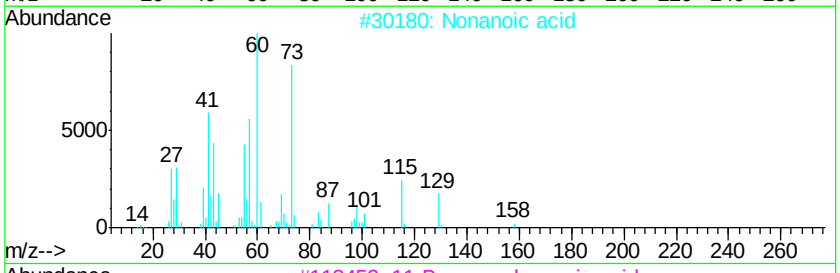
Peak Number 11 n-Decanoic acid Concentration Rank 6

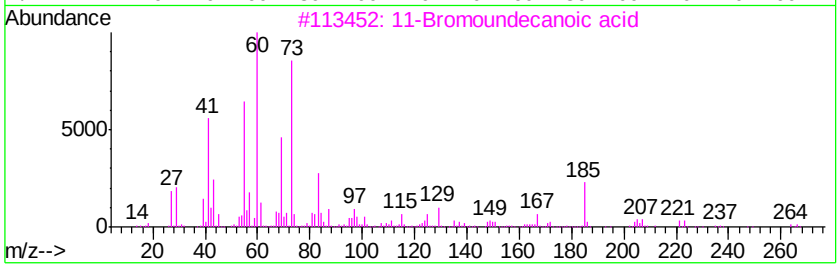
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	34.87 ng	2404470	Acenaphthene-d10	10.02

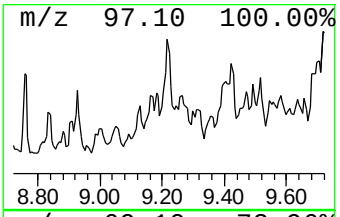
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	93
2	Nonanoic acid	158	C9H18O2	000112-05-0	53
3	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	53
4	Heptanoic acid	130	C7H14O2	000111-14-8	50
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50

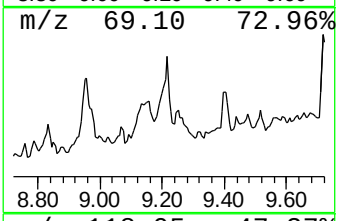


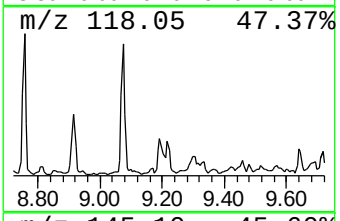


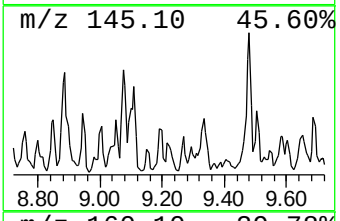


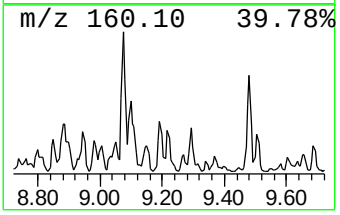












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Operator : JU/SJ
Sample : J1960-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BB

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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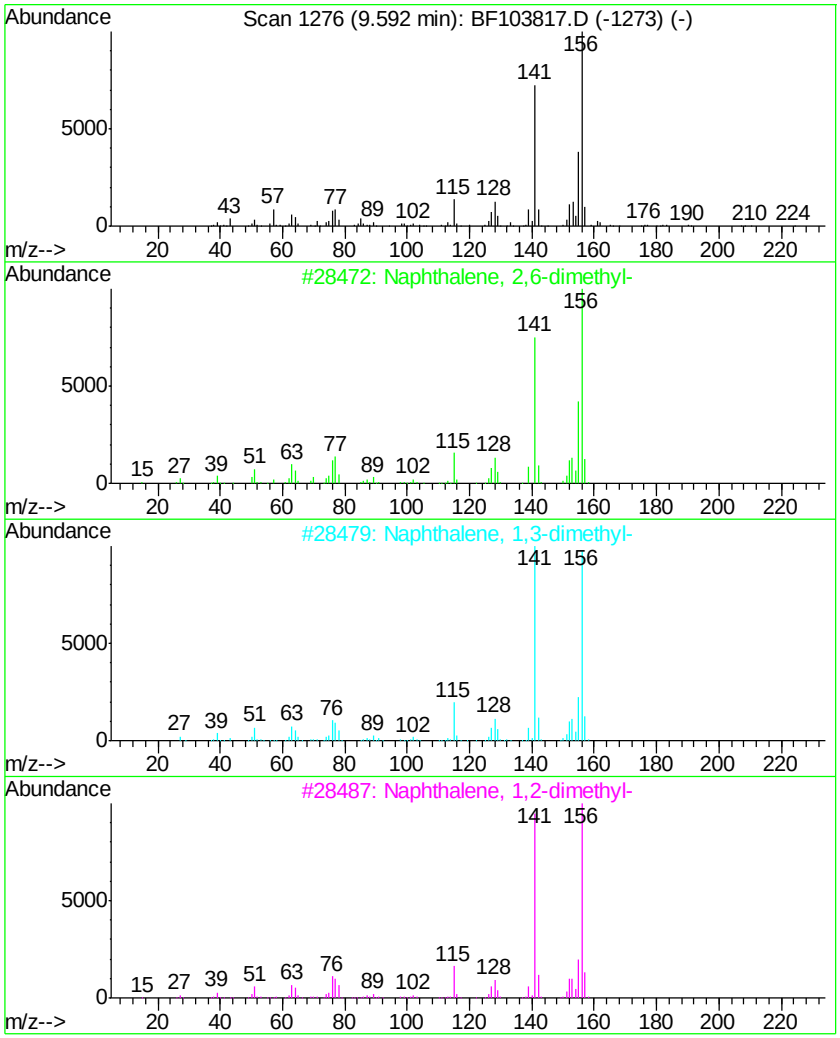
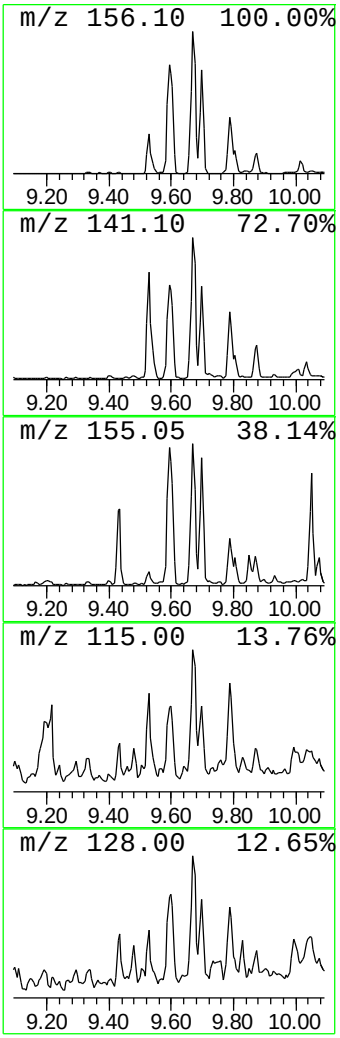
Peak Number 12 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	12.93 ng	891928	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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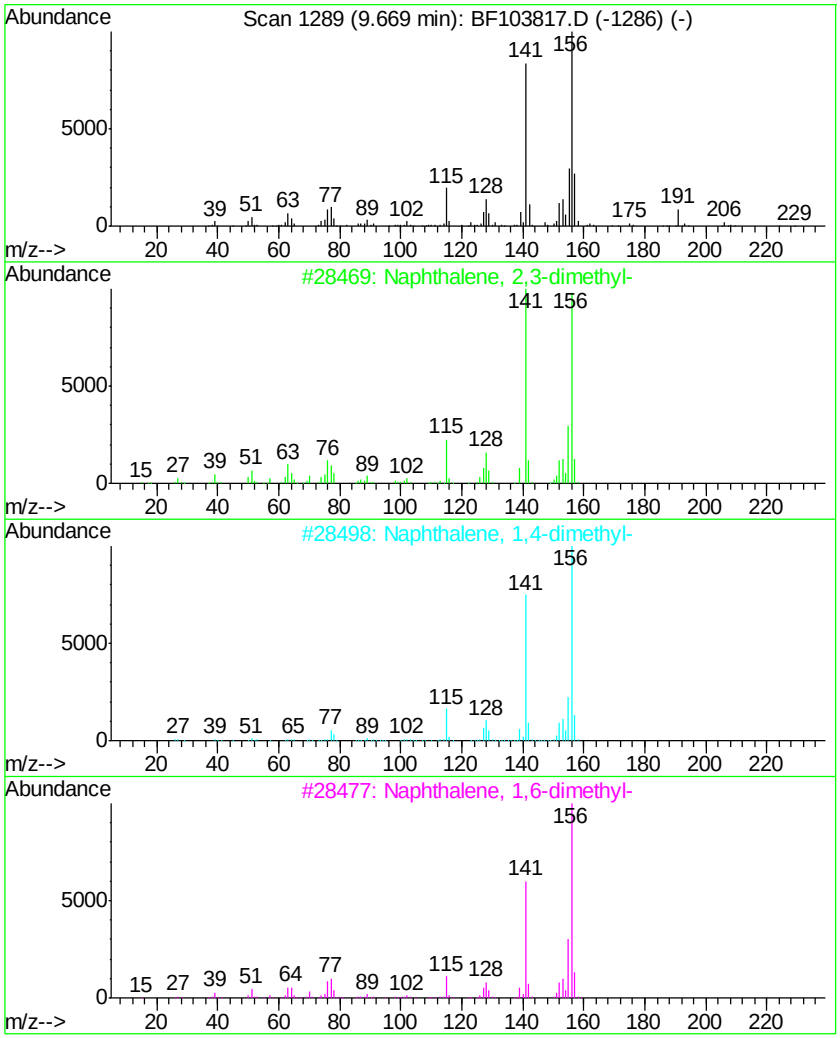
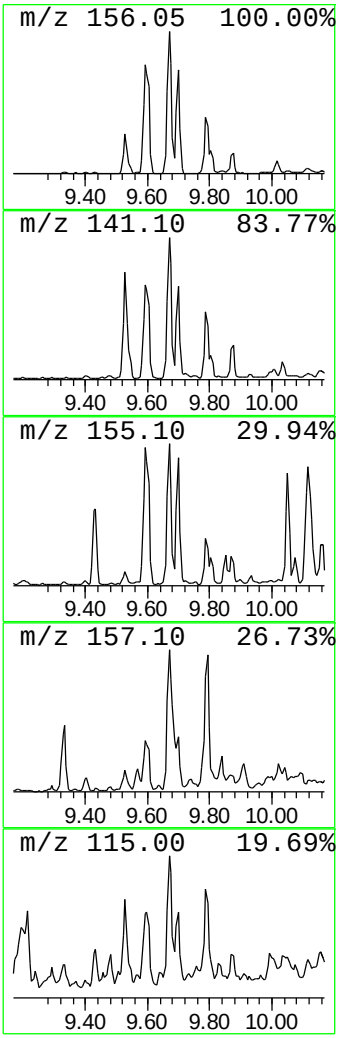
Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	13.80 ng	951725	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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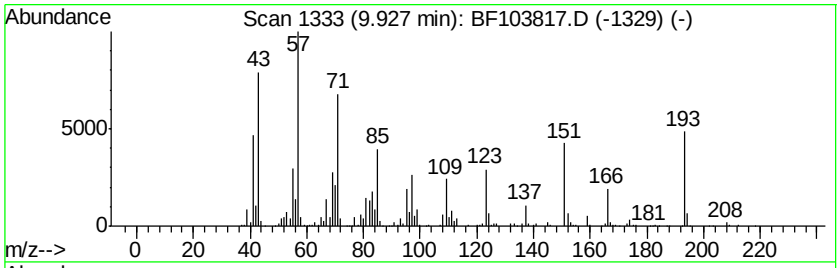
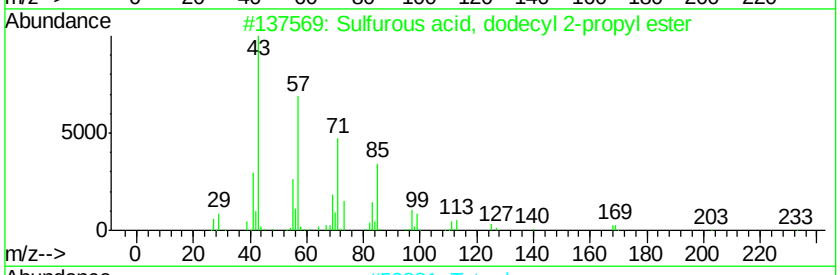
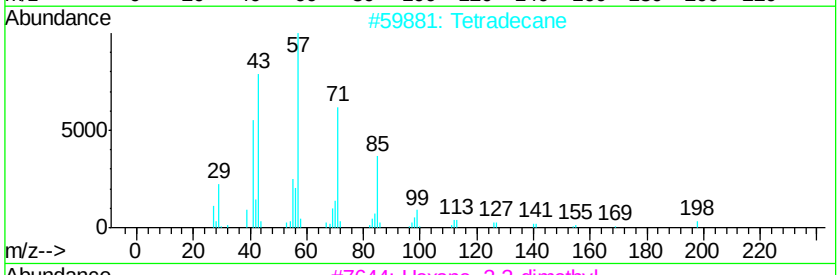
Peak Number 14 unknown9.93 Concentration Rank 12

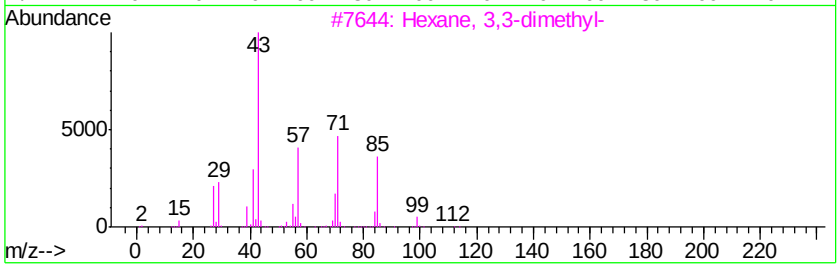
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	19.57 ng	1349710	Acenaphthene-d10	10.02

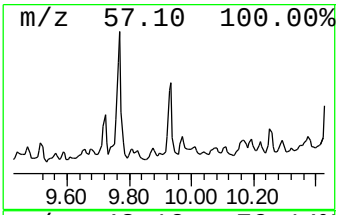
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	22
2	Tetradecane	198	C14H30	000629-59-4	14
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	14
4	Nonadecane	268	C19H40	000629-92-5	14
5	Hexadecane	226	C16H34	000544-76-3	14

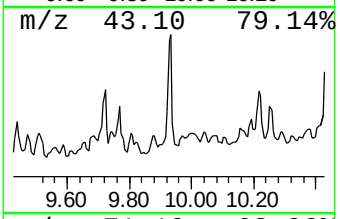


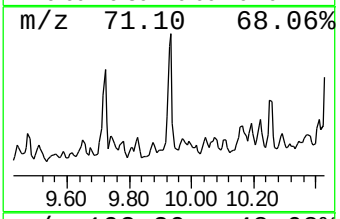


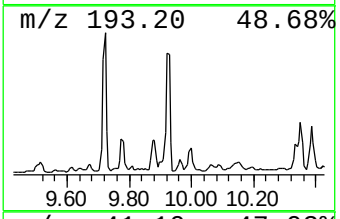


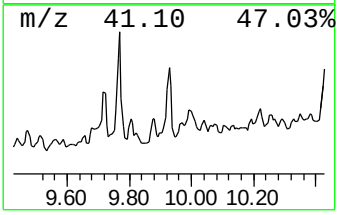












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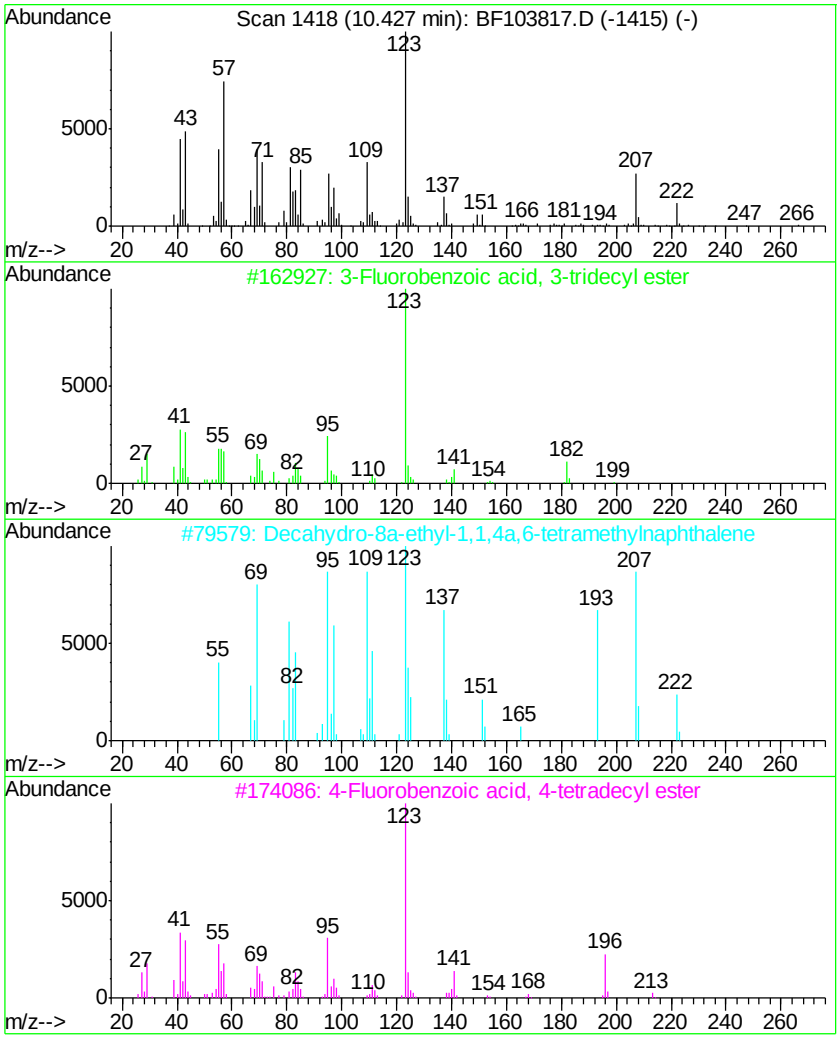
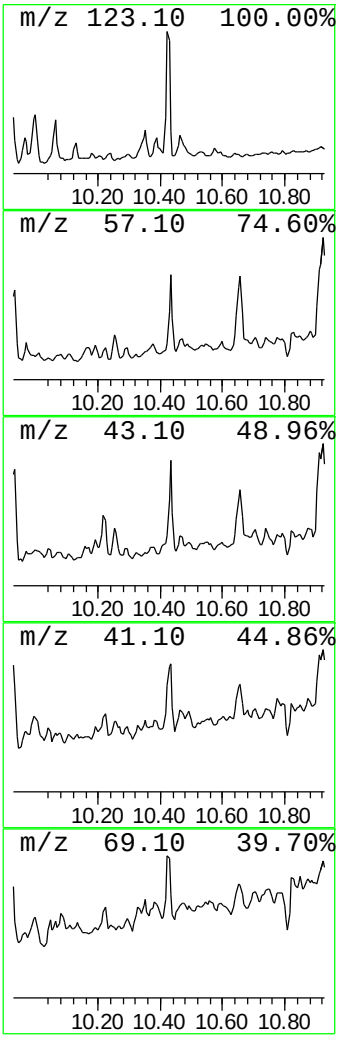
Peak Number 15 unknown10.43 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	15.93 ng	1098540	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Fluorobenzoic acid, 3-tridecyl...	322	C20H31FO2	1000280-60-3	43
2	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	43
3	4-Fluorobenzoic acid, 4-tetradec...	336	C21H33FO2	1000280-68-2	43
4	Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	43
5	(Phenylthio)acetic acid, cyclobu...	222	C12H14O2S	1000299-95-5	41





Library Search Compound Report

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Acq On : 20 Mar 2018 21:55
Operator : JU/SJ
Sample : J1960-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

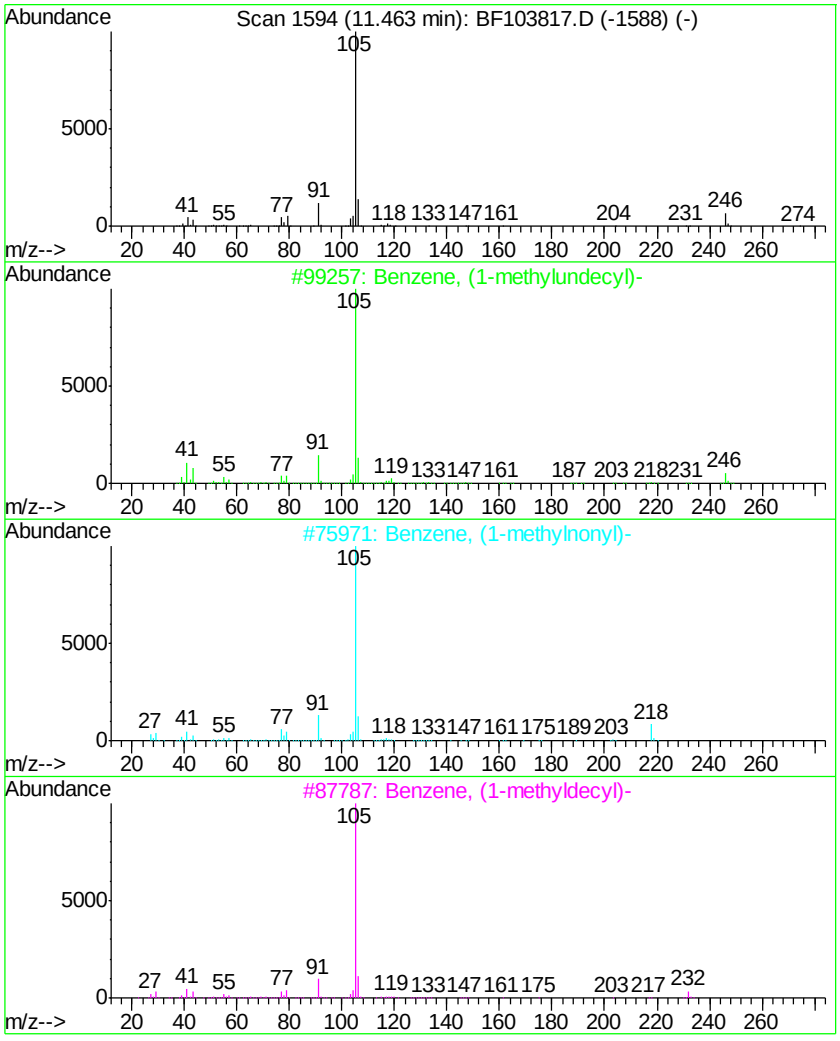
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

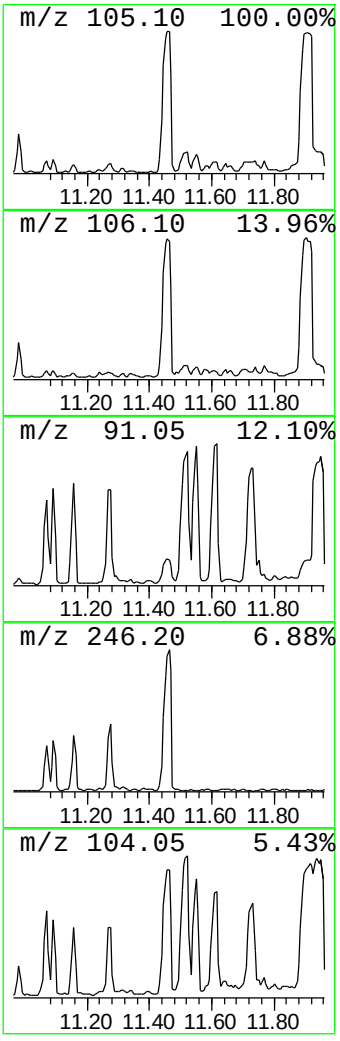
****

Peak Number 16 Benzene, (1-methylundecyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	22.62 ng	6807100	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	91
2	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	78
3	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	72
4	1-Hexene, 3-methyl-6-phenyl-4-(1...	294	C21H26O	1000194-52-4	56
5	Benzene, (1,3,3-trimethylnonyl)-	246	C18H30	054986-44-6	53





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Acq On : 20 Mar 2018 21:55
Operator : JU/SJ
Sample : J1960-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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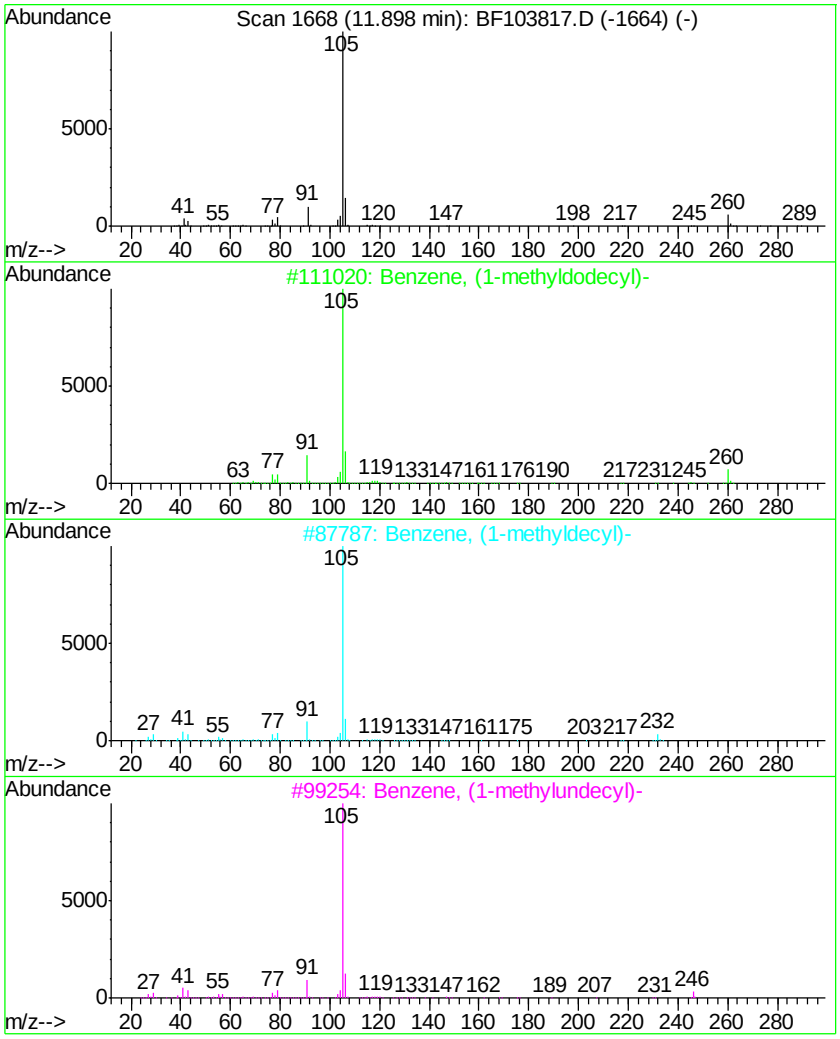
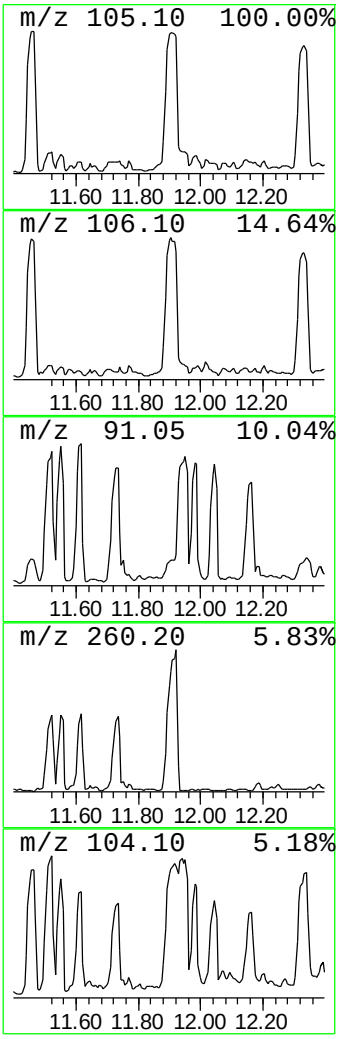
Peak Number 17 Benzene, (1-methyldodecyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	17.24 ng	5186070	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	91
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	78
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	78
4	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	64
5	2-Methylbenzylamine, N,N-dihexyl-	289	C20H35N	1000310-39-7	58





Library Search Compound Report

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Acq On : 20 Mar 2018 21:55
Operator : JU/SJ
Sample : J1960-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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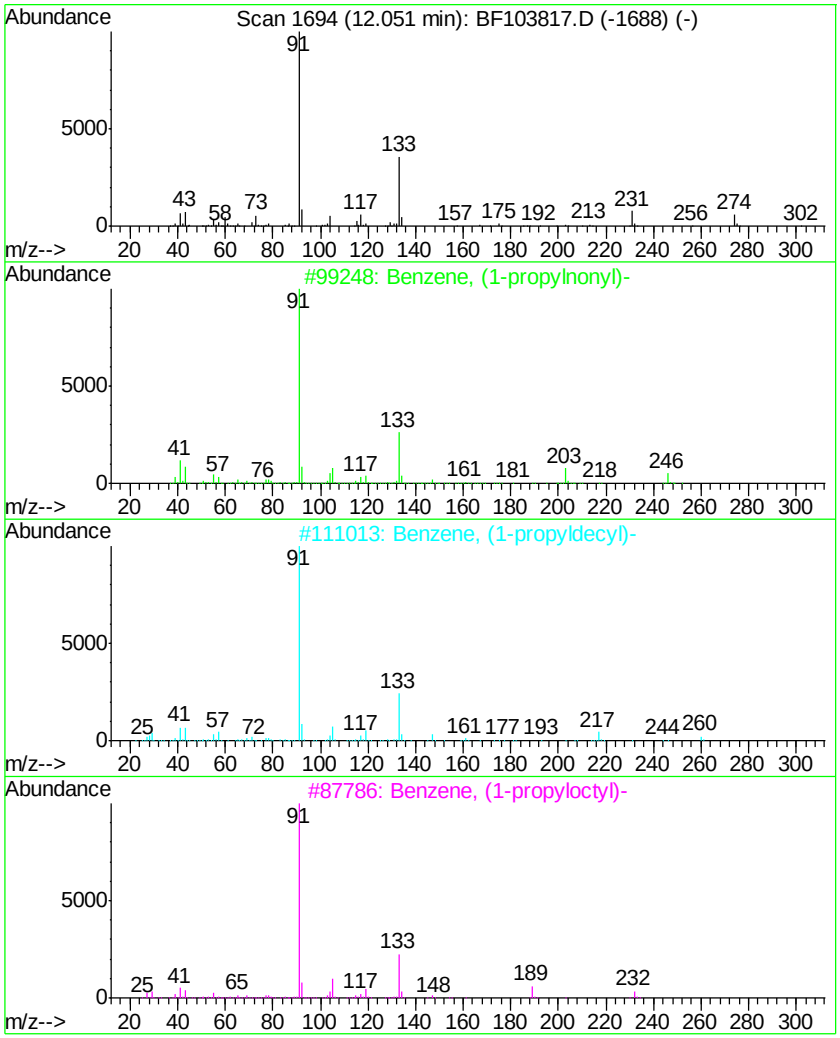
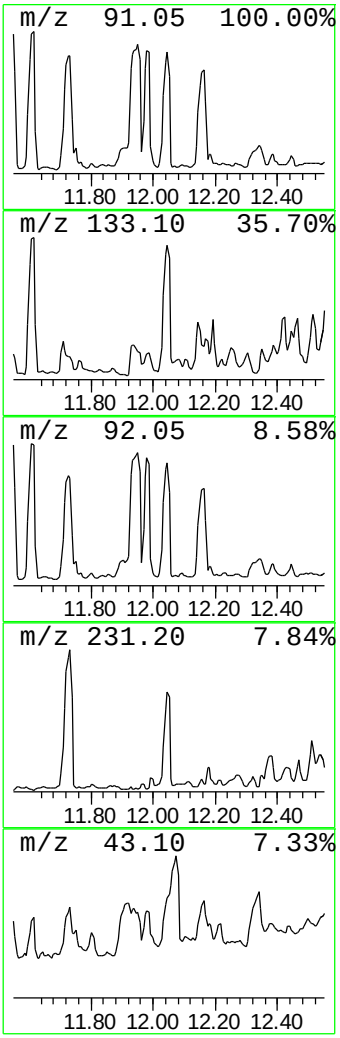
Peak Number 18 Benzene, (1-propylnonyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	13.91 ng	4184630	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	64
2	Benzene, (1-propyldecyl)-	260	C19H32	004534-51-4	50
3	Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	50
4	Benzene, (1-propylheptadecyl)-	358	C26H46	002400-03-5	50
5	Benzene, (1-propylheptyl)-	218	C16H26	004537-12-6	50





Library Search Compound Report

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Sample : J1960-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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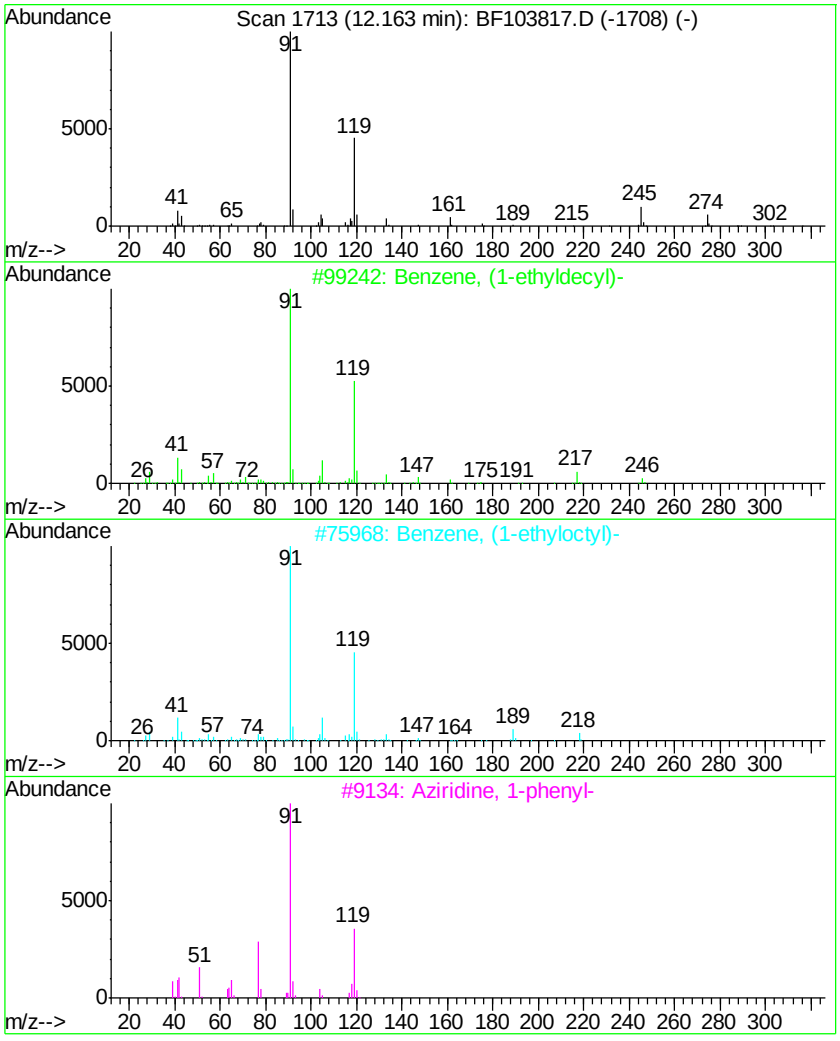
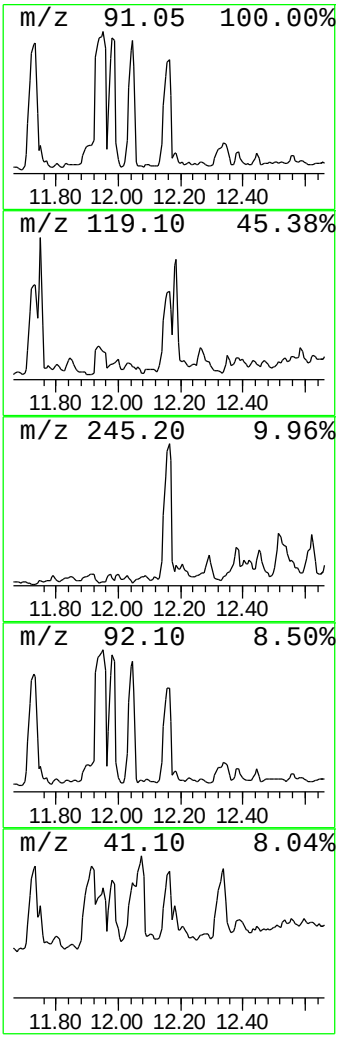
Peak Number 19 Benzene, (1-ethyldecyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	13.61 ng	4095820	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	74
2	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	59
3	Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	53
4	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	50
5	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	50





Library Search Compound Report

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Data File : BF103817.D
Acq On : 20 Mar 2018 21:55
Operator : JU/SJ
Sample : J1960-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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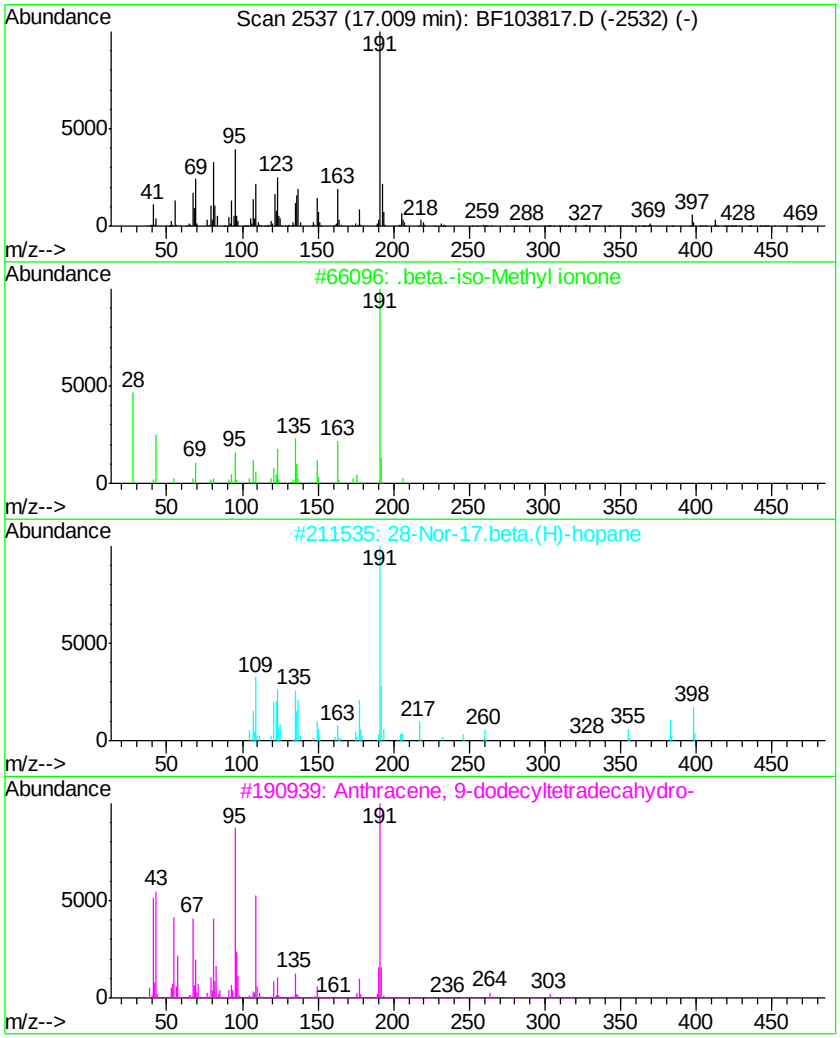
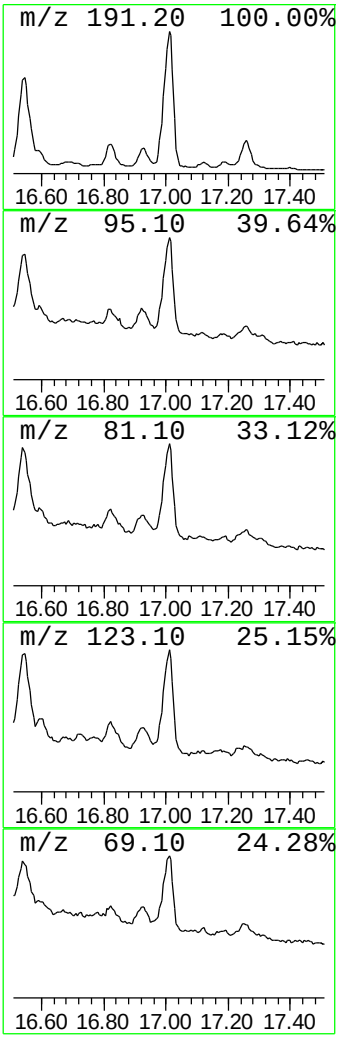
Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	20.00 ng	3119220	Perylene-d12	15.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	74
2	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	50
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	40
4	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
5	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	38





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF032018\
Data File : BF103817.D
Acq On : 20 Mar 2018 21:55
Operator : JU/SJ
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Misc :
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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
Triethylamine	2.43	108.2	ng	6620040	1	6.97	1223260	20.0
Methyl Isobutyl K...	3.60	138.0	ng	8441490	1	6.97	1223260	20.0
2-Pentanol, 4-met...	4.00	14.9	ng	912165	1	6.97	1223260	20.0
2-Propanol, 1-(1,...	5.45	77.9	ng	4766530	1	6.97	1223260	20.0
1-Hexanol	5.57	29.3	ng	1794690	1	6.97	1223260	20.0
Cyclohexanol	5.85	71.5	ng	4370780	1	6.97	1223260	20.0
Cyclohexanone	5.90	213.8	ng	13073600	1	6.97	1223260	20.0
Benzene, 1,2,4-tr...	6.80	21.2	ng	1298950	1	6.97	1223260	20.0
2-Propanol, 1-(2-...	6.89	12.9	ng	790313	1	6.97	1223260	20.0
n-Decanoic acid	9.22	34.9	ng	2404470	3	10.02	1379180	20.0
Naphthalene, 2,6-...	9.59	12.9	ng	891928	3	10.02	1379180	20.0
Naphthalene, 2,3-...	9.67	13.8	ng	951725	3	10.02	1379180	20.0
unknown9.93	9.93	19.6	ng	1349710	3	10.02	1379180	20.0
unknown10.43	10.43	15.9	ng	1098540	3	10.02	1379180	20.0
Benzene, (1-methy...	11.46	22.6	ng	6807100	4	11.52	6017510	20.0
Benzene, (1-methy...	11.90	17.2	ng	5186070	4	11.52	6017510	20.0
Benzene, (1-propy...	12.05	13.9	ng	4184630	4	11.52	6017510	20.0
Benzene, (1-ethyl...	12.16	13.6	ng	4095820	4	11.52	6017510	20.0
.beta.-iso-Methyl...	17.01	20.0	ng	3119220	6	15.80	3119220	20.0