LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113312.D
Acq On : 27 Mar 2019 1:18
Operator : JU/SJ
Sample : K2099-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHORE-RD-CLVRT-STLD-1H-B

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-BF032519.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	2.716	103	107	114	rVB	61427	117065	2.94%	0.279%
2	3.334	206	212	219	rVB	38538	77958	1.96%	0.186%
3	3.646	259	265	275	rVB4	37719	99573	2.50%	0.237%
4	3.804	285	292	298	rVB4	35174	68327	1.72%	0.163%
5	3.951	308	317	323	rBV3	49196	93688	2.35%	0.223%
6	4.122	338	346	349	rBV5	35930	75924	1.91%	0.181%
7	4.304	373	377	382	rBV3	47750	68009	1.71%	0.162%
8	4.416	388	396	405	rBV	104855	157835	3.96%	0.376%
9	4.828	462	466	472	rVB6	77426	128858	3.23%	0.307%
10	4.881	472	475	483	rBV2	121135	168611	4.23%	0.402%
11	4.946	483	486	493	rVB2	41706	82013	2.06%	0.196%
12	5.004	493	496	505	rVB2	63314	83835	2.10%	0.200%
13	5.316	546	549	558	rVB	1304044	1258049	31.58%	3.000%
14	5.469	571	575	580	rBV2	60010	74623	1.87%	0.178%
15	5.645	603	605	609	rBV	71746	88913	2.23%	0.212%
16	5.863	636	642	646	rBV2	87342	130151	3.27%	0.310%
17	5.951	655	657	660	rBV	62532	68374	1.72%	0.163%
18	6.022	664	669	673	rBV3	104175	133457	3.35%	0.318%
19	6.163	690	693	696	rVB	148808	141722	3.56%	0.338%
20	6.210	698	701	703	rBV	130511	105612	2.65%	0.252%
21	6.304	713	717	719	rBV2	246624	204257	5.13%	0.487%
22	6.345	719	724	729	rVV	786628	986762	24.77%	2.353%
23	6.387	729	731	738	rVB	401999	356841	8.96%	0.851%
24	6.475	742	746	753	rVV	2439603	2334740	58.61%	5.567%
25	6.540	753	757	759	rVV4	72599	126708	3.18%	0.302%
26	6.569	759	762	768	rVB	155331	160847	4.04%	0.384%
27	6.698	781	784	788	rBV	956210	864410	21.70%	2.061%
28	6.734	788	790	793	rVB2	101546	87574	2.20%	0.209%
29	6.763	793	795	797	rBV	114779	86234	2.16%	0.206%
30	6.857	807	811	814	rBV	3139308	2980149	74.81%	7.106%
31	6.881	814	815	818	rVB	383895	248957	6.25%	0.594%
32	6.910	818	820	825	rVB3	79763	84928	2.13%	0.203%
33	6.957	825	828	830	rBV	364918	303125	7.61%	0.723%
34	6.987	830	833	836	rVB3	66331	82580	2.07%	0.197%

LSC Area Percent Report

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Data File : BF113312.D
Acq On : 27 Mar 2019 1:18
Operator : JU/SJ
Sample : K2099-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHORE-RD-CLVRT-STLD-1H-B

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-BF032519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.028	836	840	842	rBV2	519860	518838	13.02%	1.237%
36	7.098	849	852	856	rVB	255004	235124	5.90%	0.561%
37	7.175	863	865	868	rVB	127275	100414	2.52%	0.239%
38	7.269	873	881	889	rVB3	2366885	3578042	89.82%	8.532%
39	7.357	892	896	899	rBV3	175750	228373	5.73%	0.545%
40	7.392	899	902	905	rVB2	121231	110329	2.77%	0.263%
41	7.422	905	907	911	rVB2	115802	108035	2.71%	0.258%
42	7.481	911	917	919	rBV	526034	595788	14.96%	1.421%
43	7.504	919	921	924	rVB	261065	198963	4.99%	0.474%
44	7.592	933	936	938	rBV	147762	149236	3.75%	0.356%
45	7.616	938	940	942	rBV2	104096	73258	1.84%	0.175%
46	7.657	942	947	949	rBV4	312147	357297	8.97%	0.852%
47	7.728	954	959	962	rVV2	849598	986400	24.76%	2.352%
48	7.763	962	965	968	rVV	172663	213736	5.37%	0.510%
49	7.810	968	973	978	rVV4	248886	465826	11.69%	1.111%
50	7.857	978	981	986	rVB	169654	167848	4.21%	0.400%
51	7.951	991	997	998	rBV4	117352	180533	4.53%	0.430%
52	7.981	998	1002	1005	rVV2	1362116	1453018	36.48%	3.465%
53	8.004	1005	1006	1009	rVV2	434532	380259	9.55%	0.907%
54	8.034	1009	1011	1014	rVV	279036	212459	5.33%	0.507%
55	8.081	1017	1019	1022	rVB	132778	101532	2.55%	0.242%
56	8.145	1027	1030	1031	rBV2	68844	65629	1.65%	0.156%
57	8.263	1046	1050	1052	rVV2	184747	210138	5.28%	0.501%
58	8.369	1066	1068	1071	rVB	252517	220985	5.55%	0.527%
59	8.416	1071	1076	1080	rBV3	162103	232355	5.83%	0.554%
60	8.451	1080	1082	1085	rVV	125919	117472	2.95%	0.280%
61	8.486	1085	1088	1092	rVB3	122551	137361	3.45%	0.328%
62	8.575	1100	1103	1107	rBV2	236977	210528	5.28%	0.502%
63	8.645	1112	1115	1117	rVB2	148949	129221	3.24%	0.308%
64	8.675	1117	1120	1121	rBV2	103511	98972	2.48%	0.236%
65	8.692	1121	1123	1126	rVB	185472	172052	4.32%	0.410%
66	8.722	1126	1128	1132	rBV2	104399	101964	2.56%	0.243%
67	8.792	1136	1140	1145	rBV3	351017	363098	9.11%	0.866%
68	8.928	1160	1163	1165	rVB	114170	87771	2.20%	0.209%
69	9.016	1175	1178	1181	rVB2	123386	114912	2.88%	0.274%
70	9.057	1181	1185	1189	rBV	4073488	3983538	100.00%	9.499%
71	9.322	1226	1230	1232	rBV	125276	171644	4.31%	0.409%

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Operator : JU/SJ
Sample : K2099-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHORE-RD-CLVRT-STLD-1H-B

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.392	1239	1242	1245	rBV	112206	109248	2.74%	0.261%
73	9.422	1245	1247	1250	rVB2	137419	108484	2.72%	0.259%
74	9.451	1250	1252	1257	rBV2	225467	232381	5.83%	0.554%
75	9.498	1257	1260	1264	rBV3	66996	107336	2.69%	0.256%
76	9.592	1274	1276	1282	rVB	62168	66739	1.68%	0.159%
77	9.733	1294	1300	1303	rBV	1254486	1205118	30.25%	2.874%
78	9.763	1303	1305	1309	rVB	104013	96874	2.43%	0.231%
79	10.004	1343	1346	1351	rVB2	82417	82412	2.07%	0.197%
80	10.275	1389	1392	1395	rBV2	99154	90842	2.28%	0.217%
81	10.516	1429	1433	1444	rBV	1813061	1713891	43.02%	4.087%
82	10.645	1452	1455	1462	rVB2	124129	159843	4.01%	0.381%
83	11.210	1547	1551	1554	rBV	1223424	1106089	27.77%	2.637%
84	11.233	1554	1555	1559	rVV	146465	94521	2.37%	0.225%
85	11.751	1639	1643	1650	rBV2	317998	410140	10.30%	0.978%
86	11.810	1650	1653	1657	rVV3	105618	131844	3.31%	0.314%
87	11.904	1665	1669	1674	rBV	285133	320490	8.05%	0.764%
88	11.945	1674	1676	1684	rVB4	52834	88145	2.21%	0.210%
89	12.533	1772	1776	1787	rBV	887547	1058627	26.58%	2.524%
90	12.786	1815	1819	1823	rBV	2980583	2920770	73.32%	6.965%
91	13.639	1961	1964	1971	rBV2	107469	144408	3.63%	0.344%
92	13.721	1975	1978	1987	rVB2	68866	134873	3.39%	0.322%
93	13.833	1992	1997	2006	rBV	796297	833918	20.93%	1.988%
94	14.310	2075	2078	2082	rVB	91444	85892	2.16%	0.205%
95	14.604	2125	2128	2132	rBV	143962	128545	3.23%	0.307%
96	14.915	2177	2181	2186	rBV	155320	181368	4.55%	0.432%
97	15.233	2230	2235	2238	rBV	689920	857689	21.53%	2.045%
98	15.262	2238	2240	2248	rVB	162748	208205	5.23%	0.496%
99	15.662	2303	2308	2315	rBV	107070	157526	3.95%	0.376%
100	16.121	2381	2386	2401	rVB3	67588	137879	3.46%	0.329%

Sum of corrected areas: 41937754

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Data File : BF113312.D
Acq On : 27 Mar 2019 1:18
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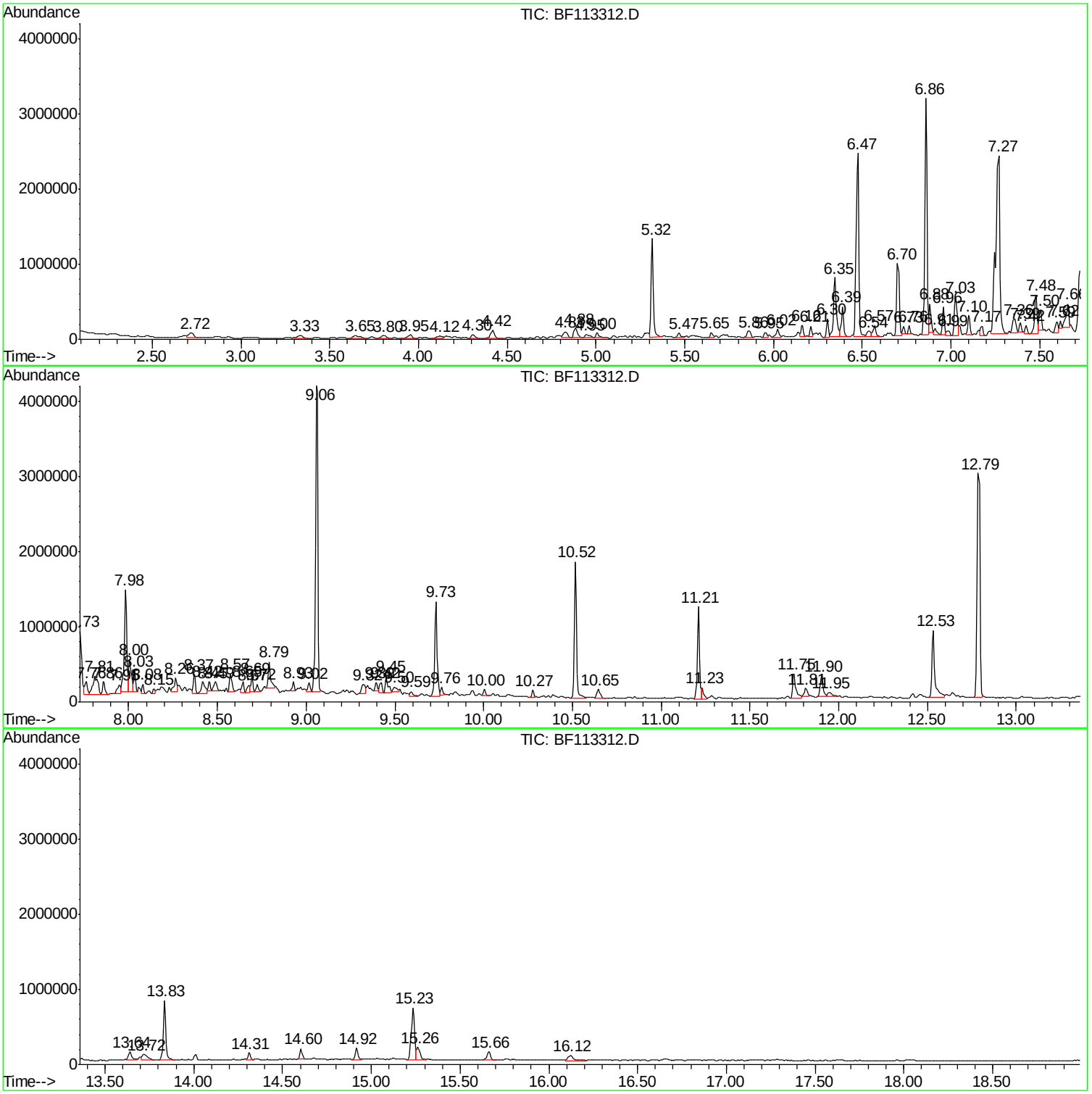
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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\BF032619\
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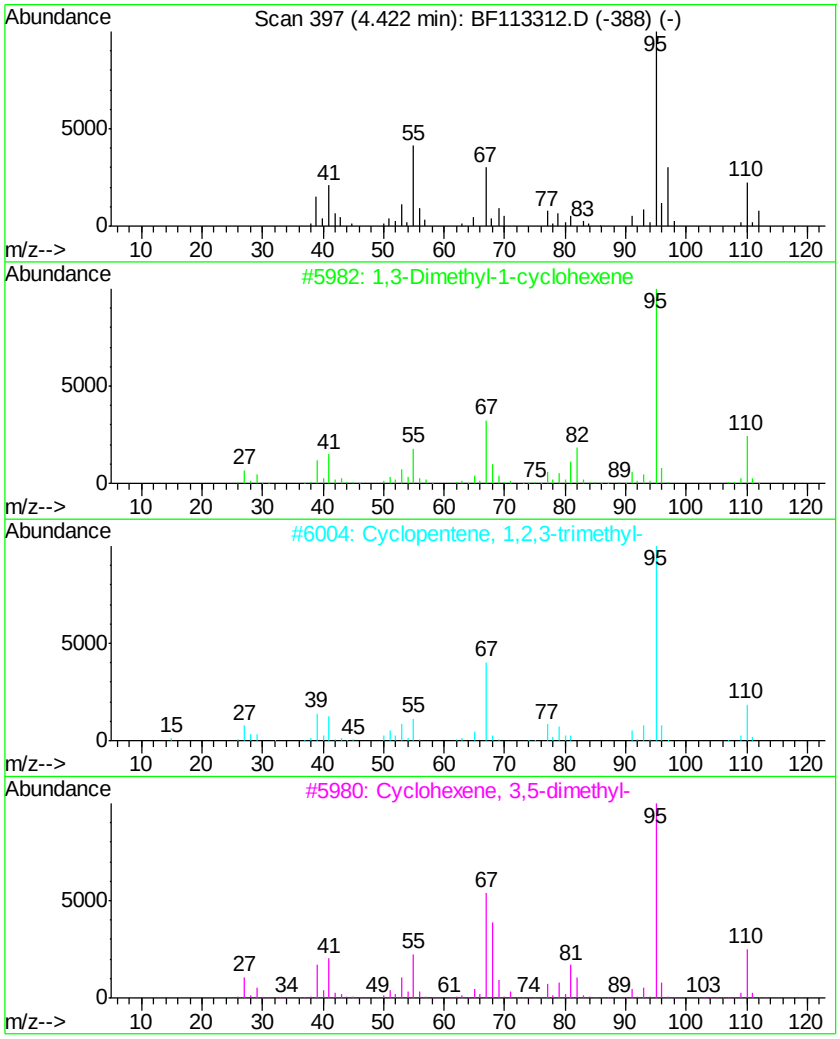
TIC Integration Parameters: LSCINT.P

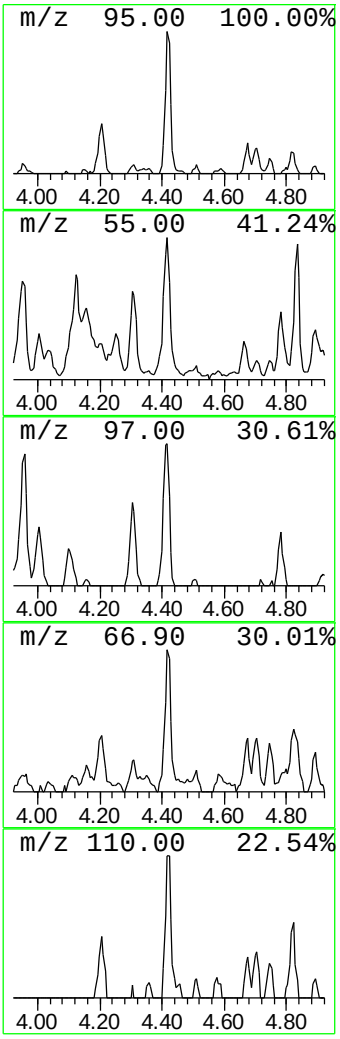
****

Peak Number 1 1,3-Dimethyl-1-cyclohexene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	3.65 ng	157835	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	60
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	53
3	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	49
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	46
5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	43





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Instrument :
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SHORE-RD-CLVRT-STLD-1H-B

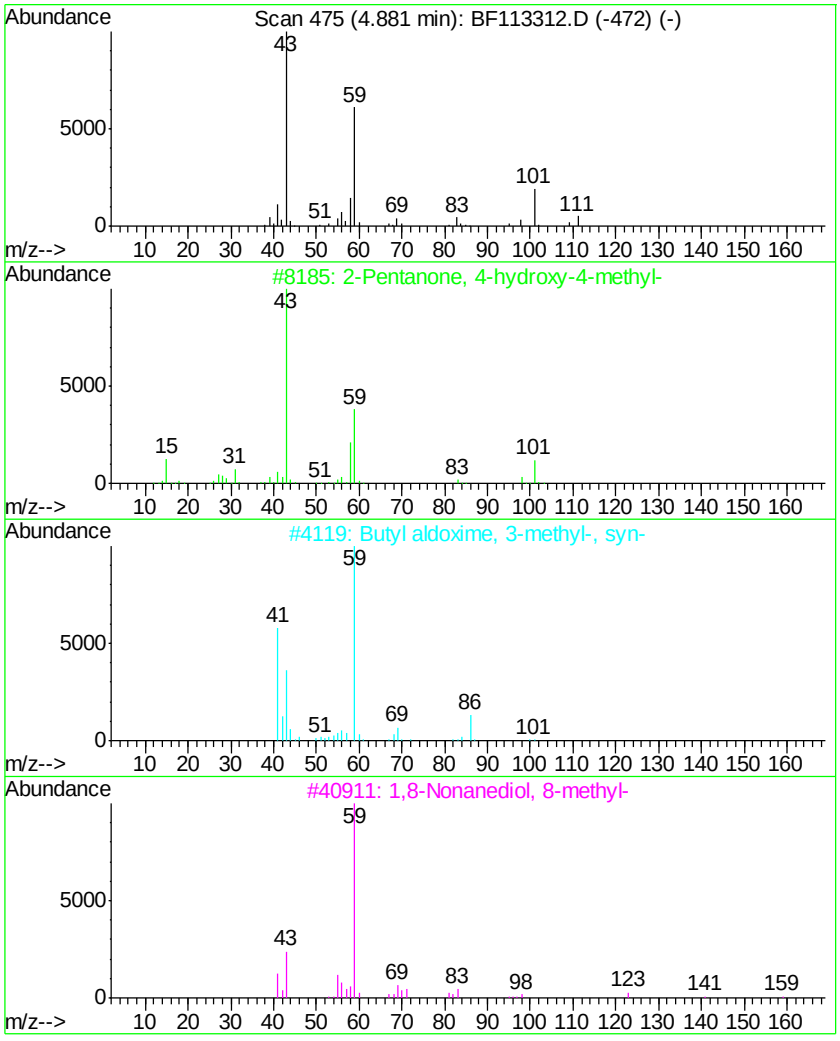
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

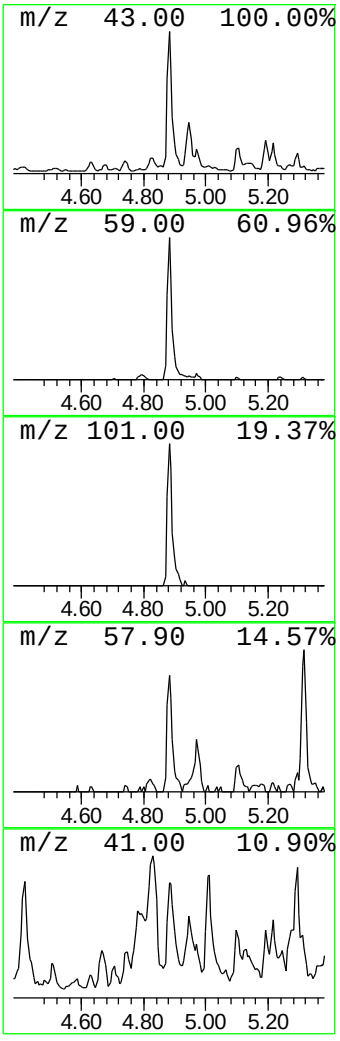
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	3.90 ng	168611	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	22
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

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BNA_F
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SHORE-RD-CLVRT-STLD-1H-B

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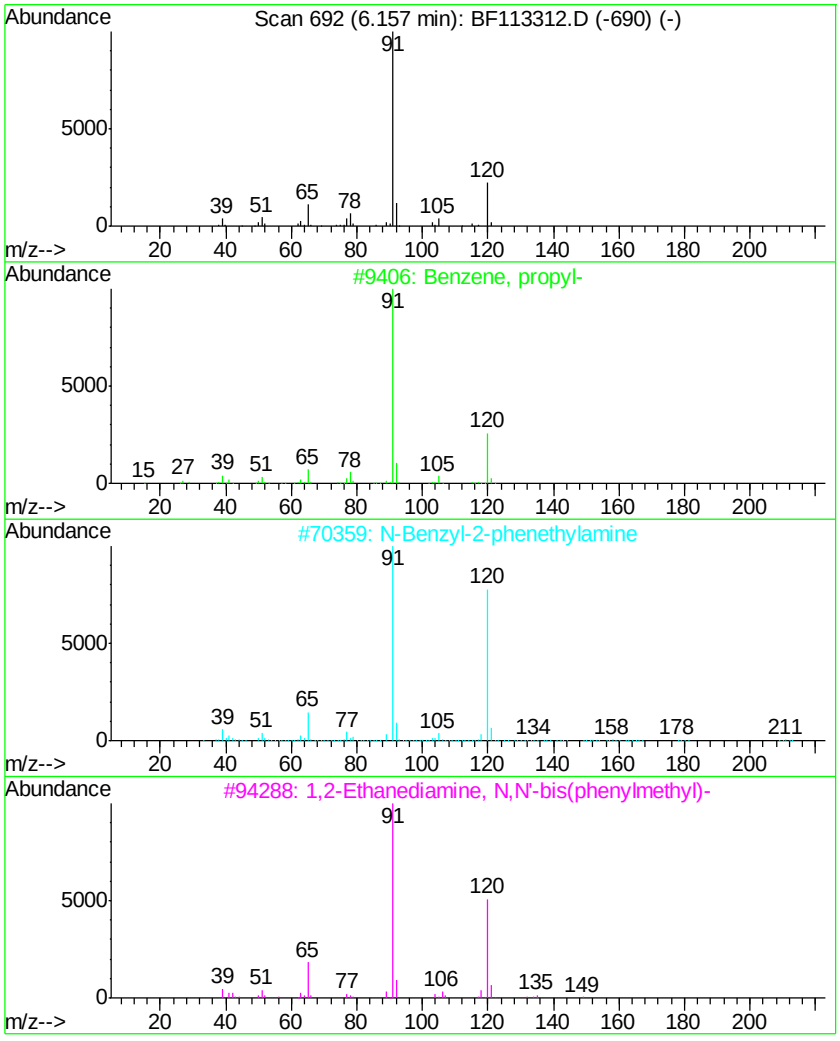
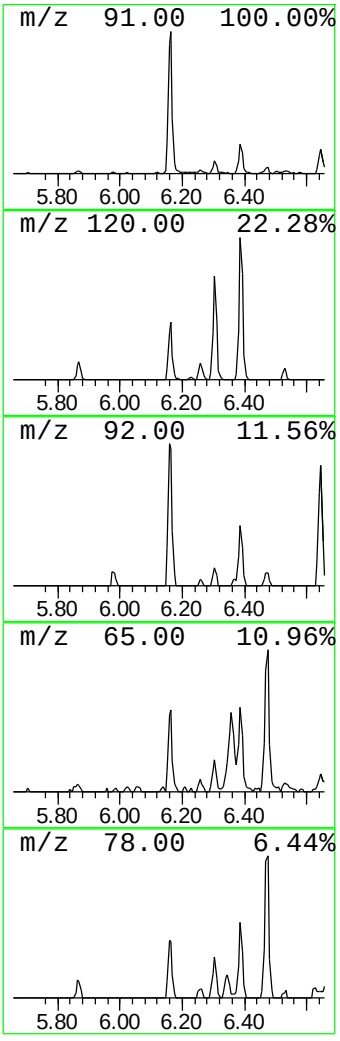
****

Peak Number 3 Benzene, propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	3.28 ng	141722	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	74
3	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
4	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	59
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	56





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

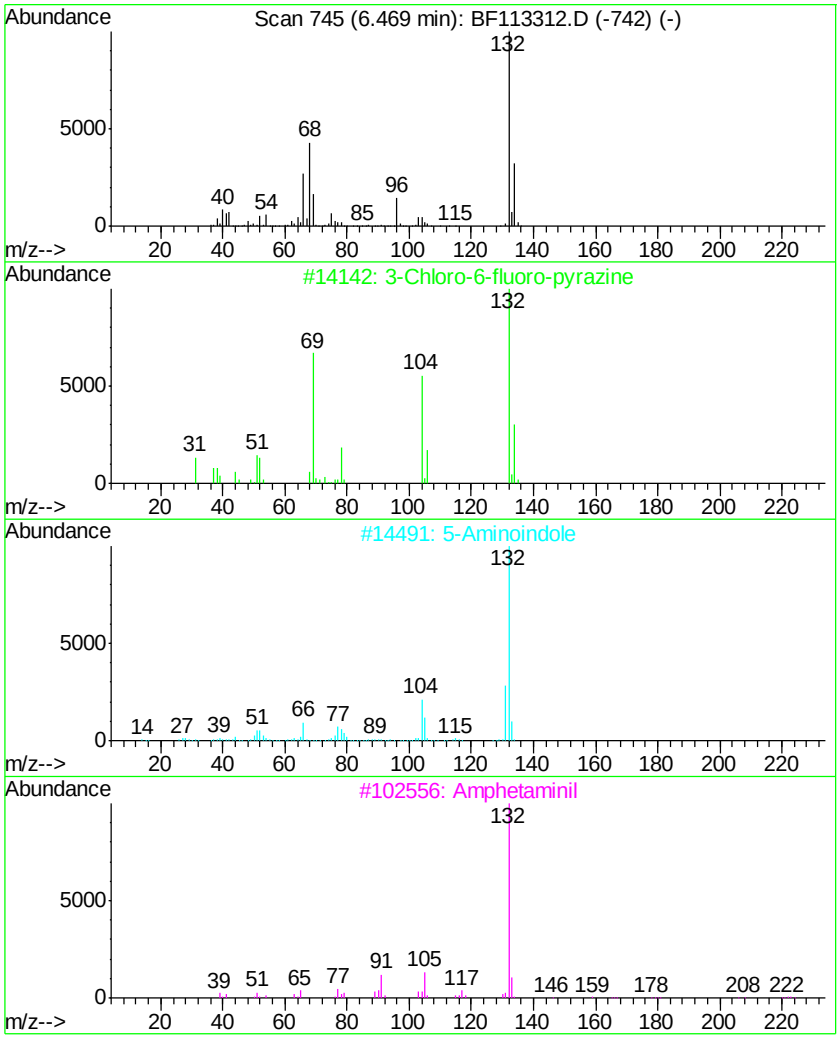
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

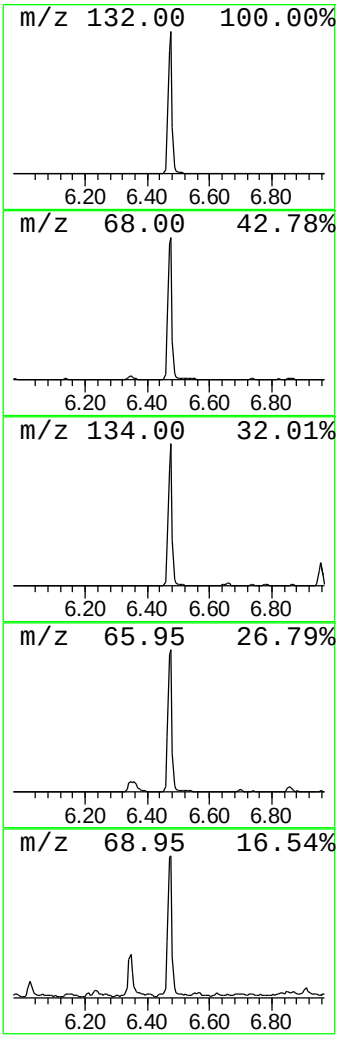
****

Peak Number 4 unknown6.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	54.02 ng	2334740	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Amphetaminil	250	C17H18N2	017590-01-1	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	10
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113312.D
Acq On : 27 Mar 2019 1:18
Operator : JU/SJ
Sample : K2099-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

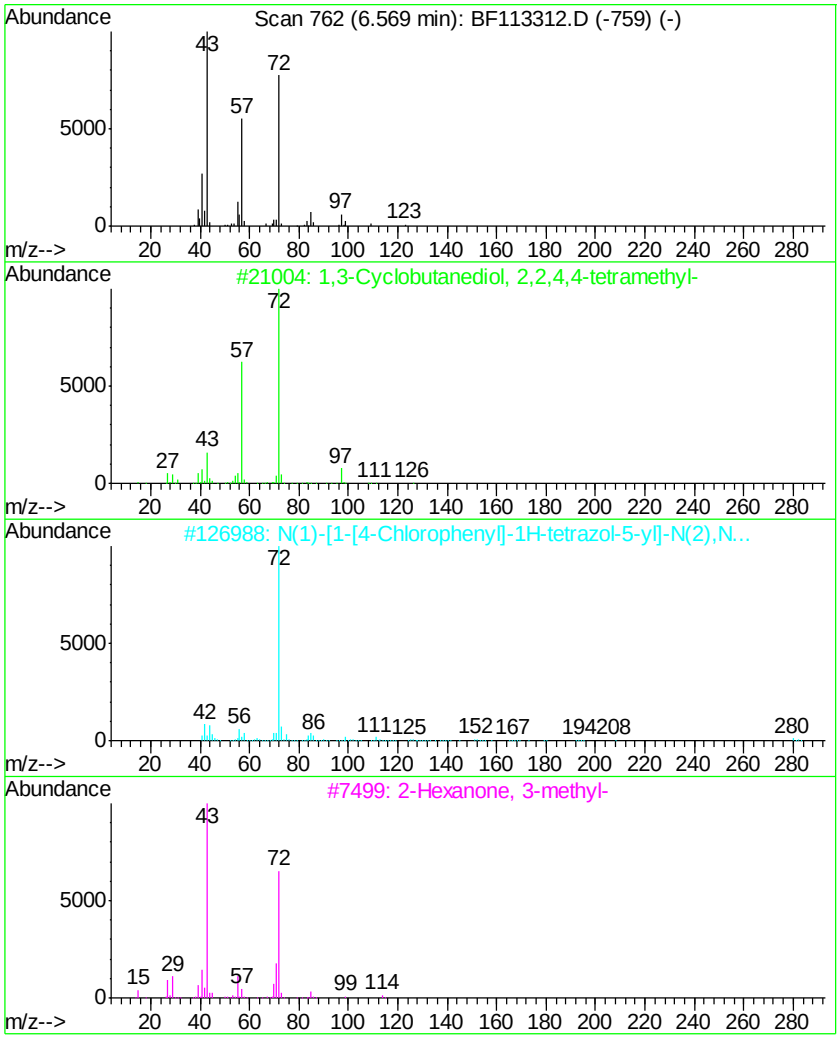
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

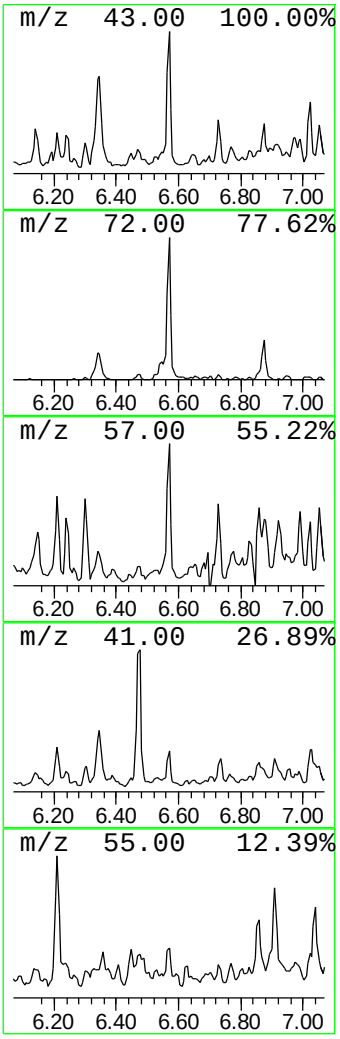
****

Peak Number 5 unknown6.57 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	3.72 ng	160847	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclobutanediol, 2,2,4,4-tet...	144	C8H16O2	003010-96-6	42
2	N(1)-[1-[4-Chlorophenyl]-1H-tetr...	280	C12H17ClN6	1000213-45-7	42
3	2-Hexanone, 3-methyl-	114	C7H14O	002550-21-2	39
4	2-Hexanone, 3,4-dimethyl-	128	C8H16O	019550-10-8	28
5	Oxirane, 2-ethyl-3-propyl-, cis-	114	C7H14O	056052-94-9	9





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Operator : JU/SJ
Sample : K2099-02
Misc :
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Instrument :
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ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

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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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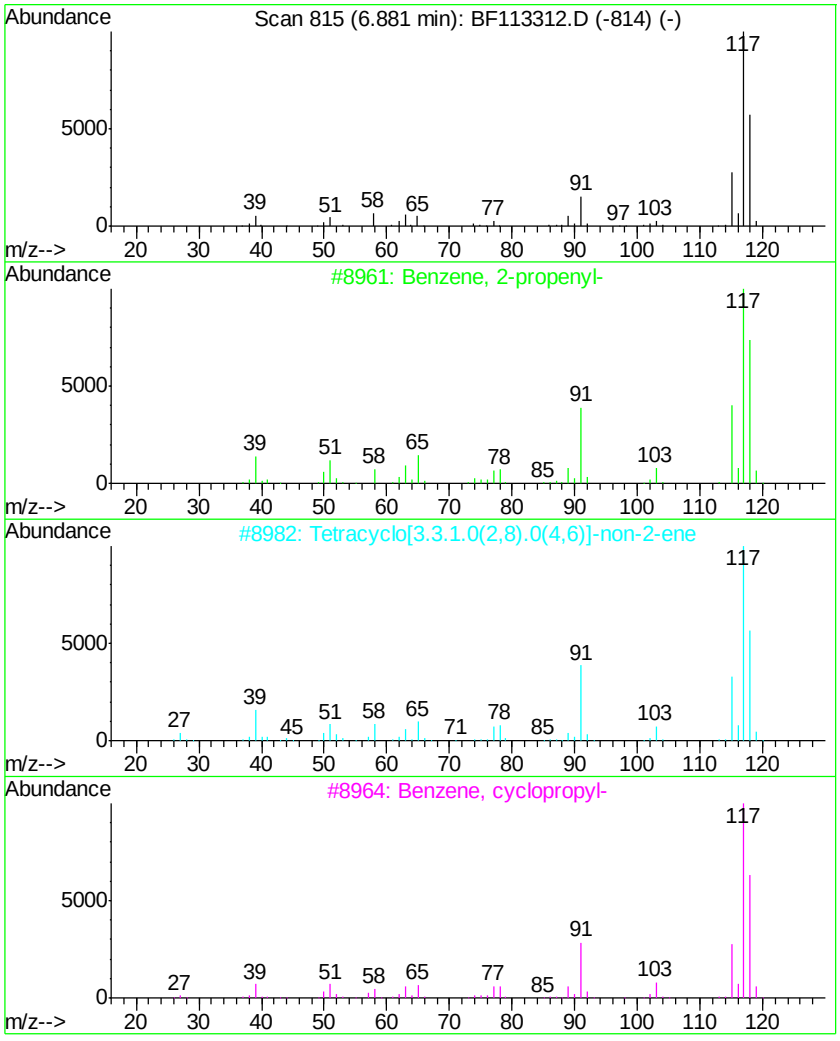
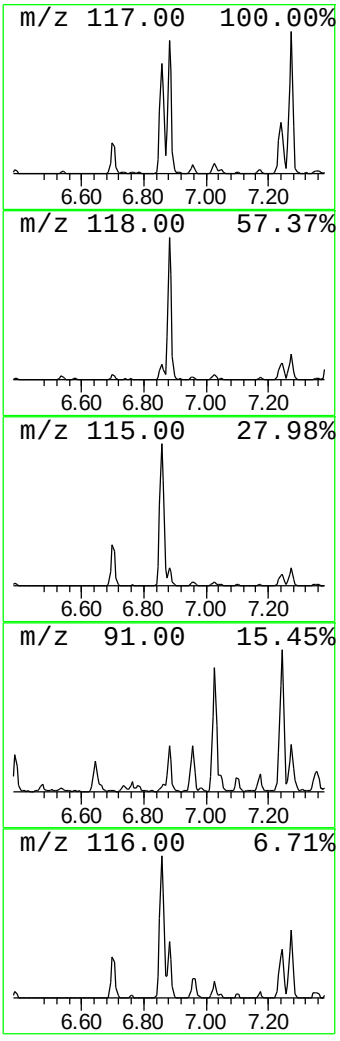
Peak Number 7 Benzene, 2-propenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	5.76 ng	248957	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Indane	118	C9H10	000496-11-7	60
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53





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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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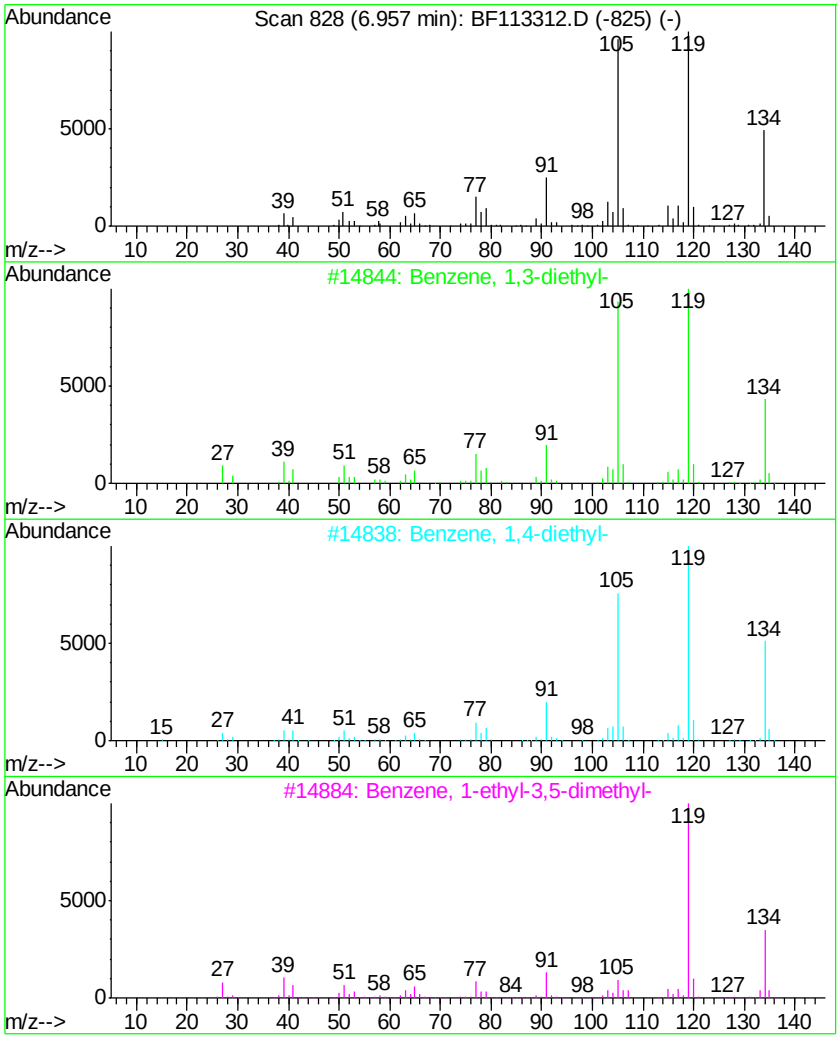
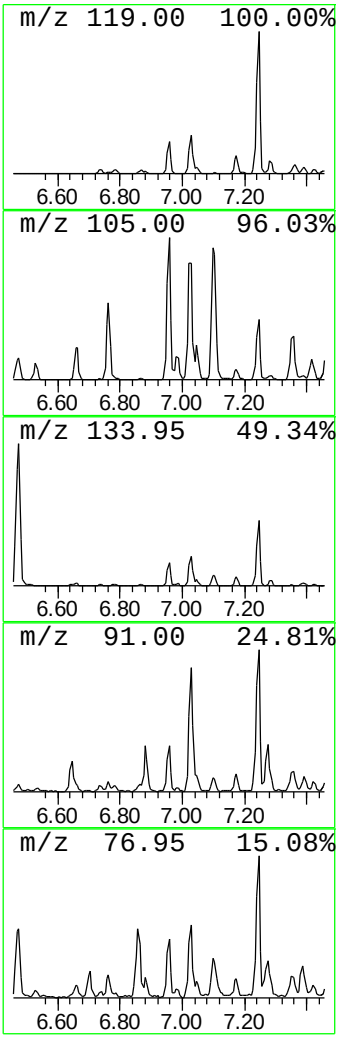
Peak Number 8 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	7.01 ng	303125	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90





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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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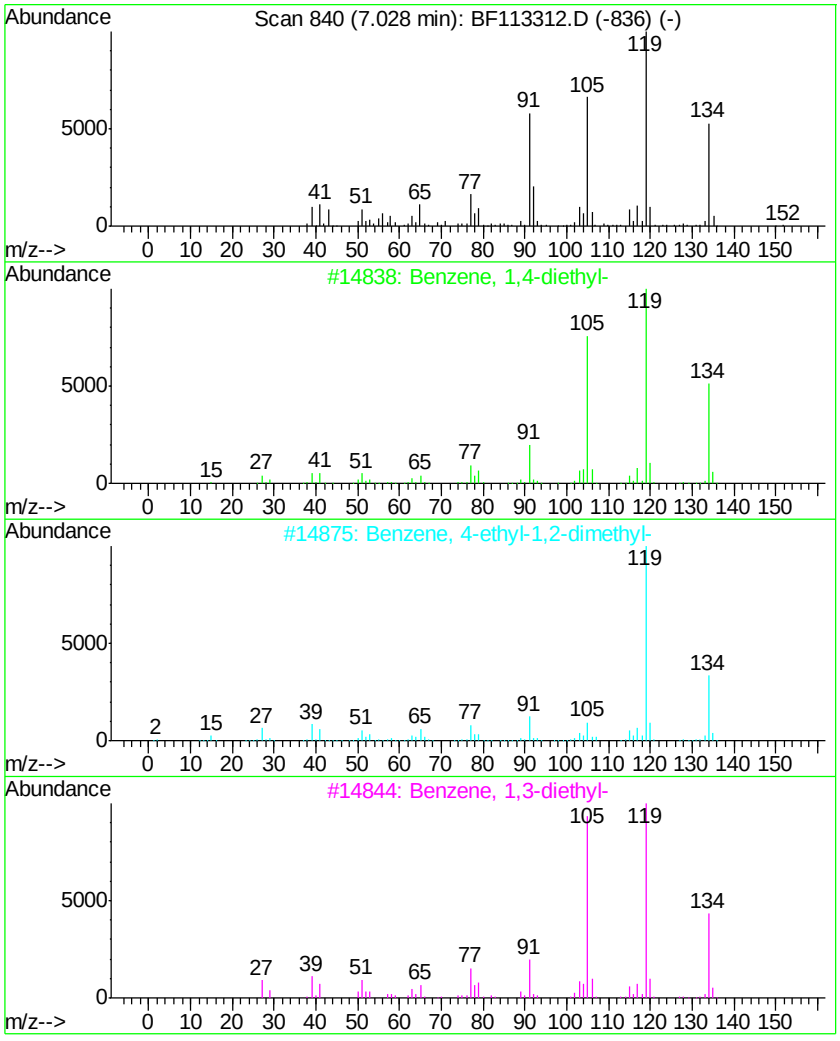
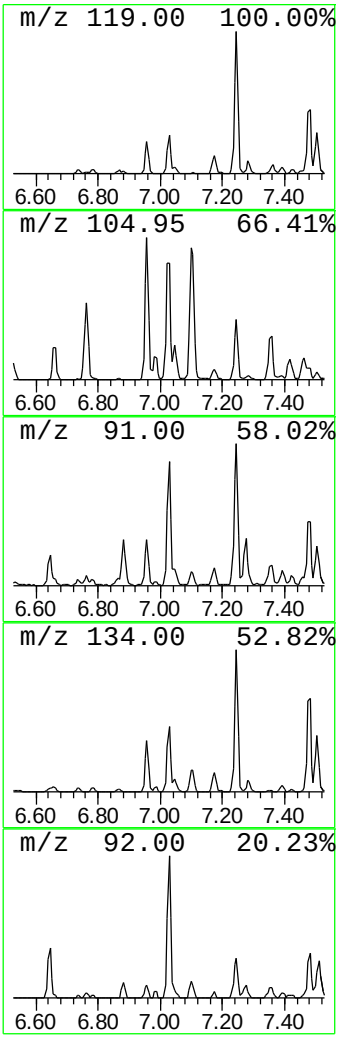
Peak Number 9 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	12.00 ng	518838	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93





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ClientSampleId :
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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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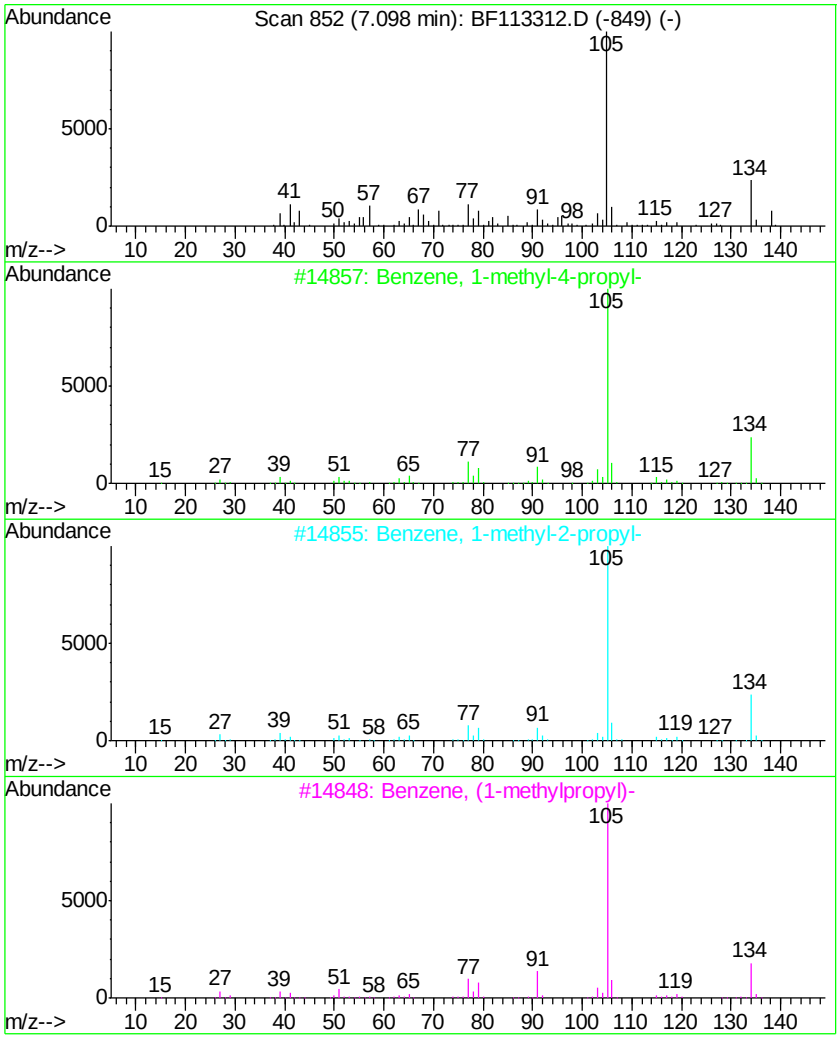
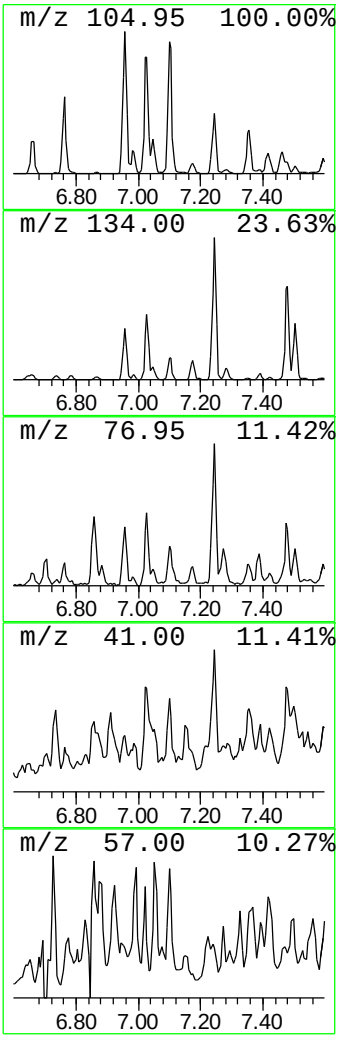
Peak Number 10 Benzene, 1-methyl-4-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	5.44 ng	235124	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	92
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	58
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	58
5	2-Tolyloxirane	134	C9H10O	002783-26-8	55





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

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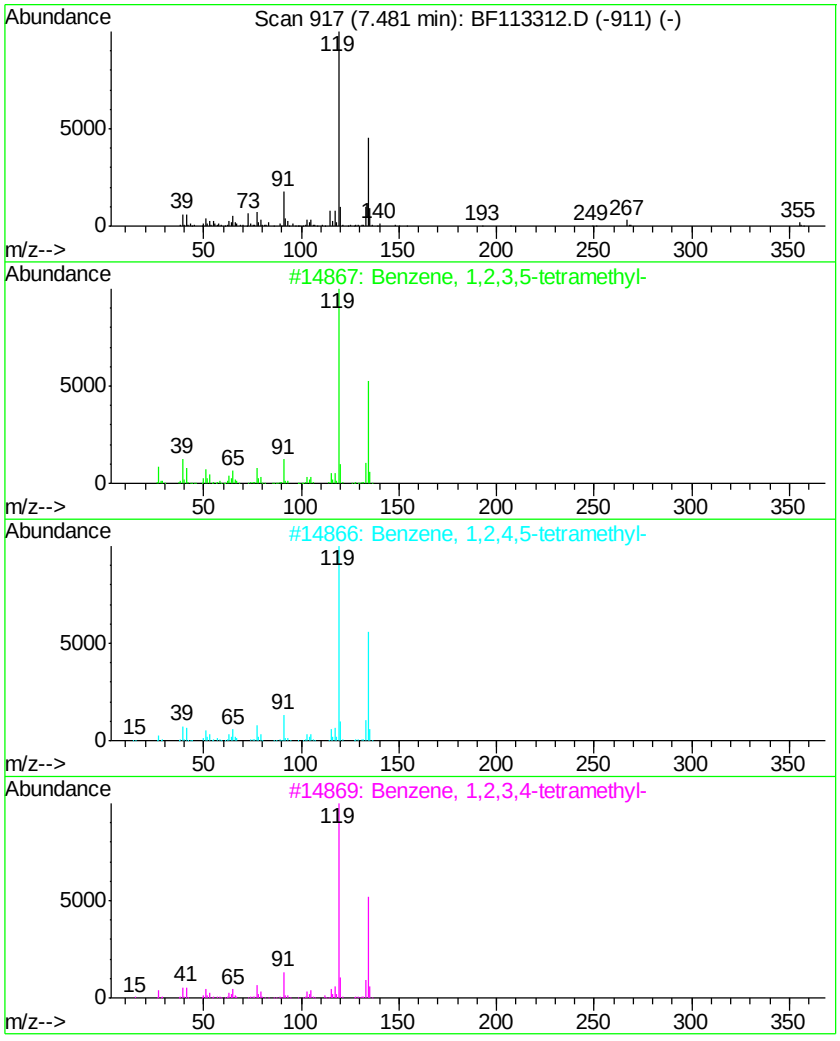
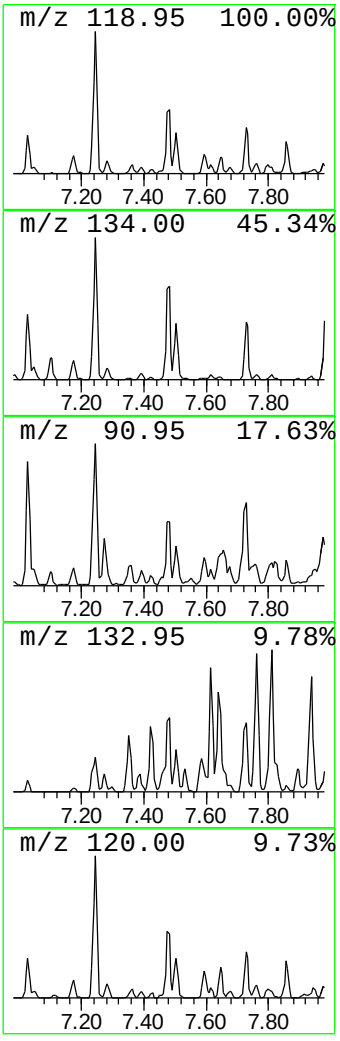
Peak Number 11 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	8.20 ng	595788	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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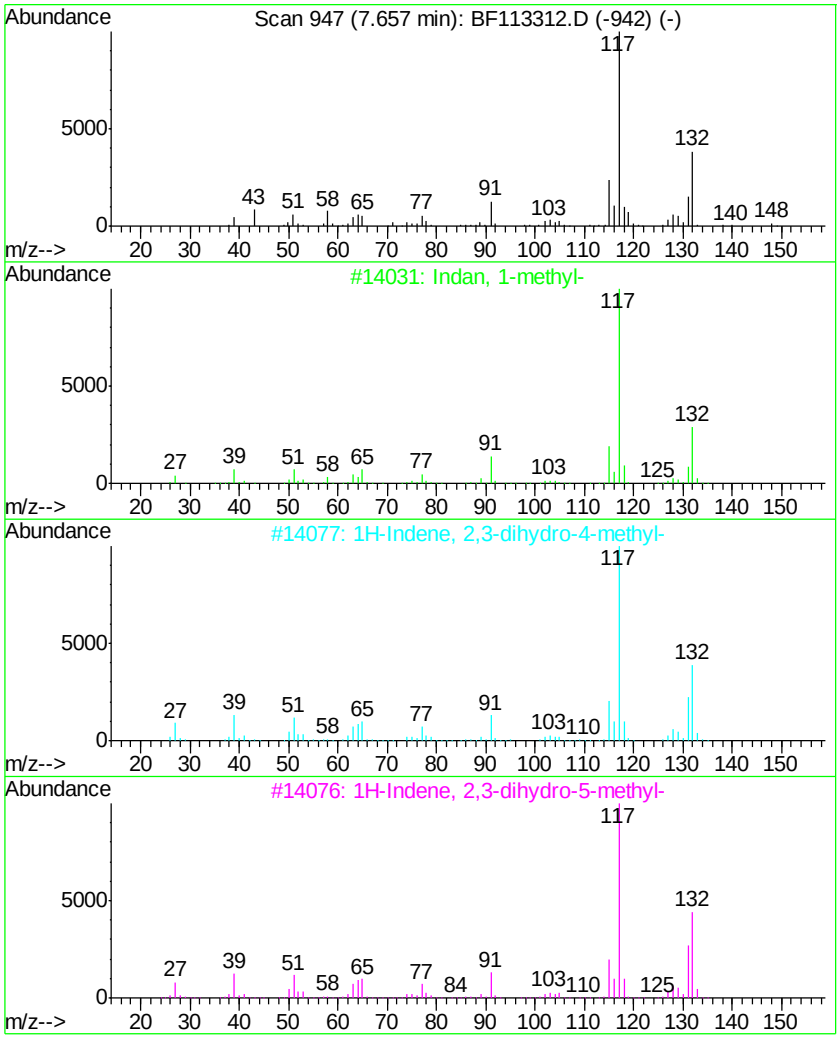
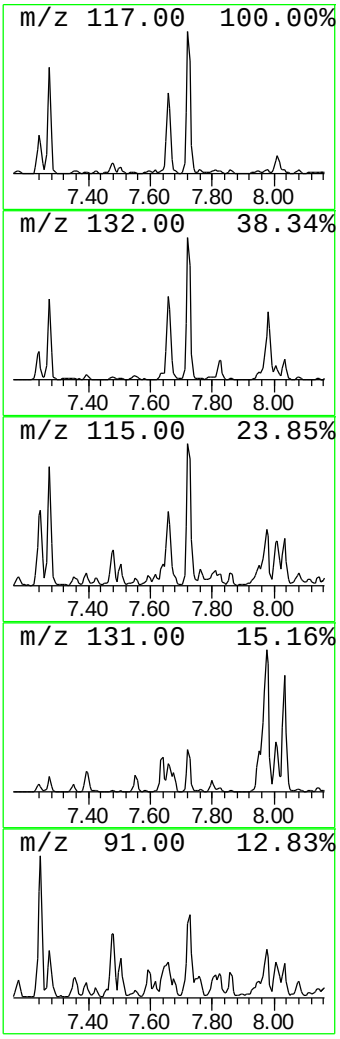
Peak Number 12 Indan, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	4.92 ng	357297	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	91
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





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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

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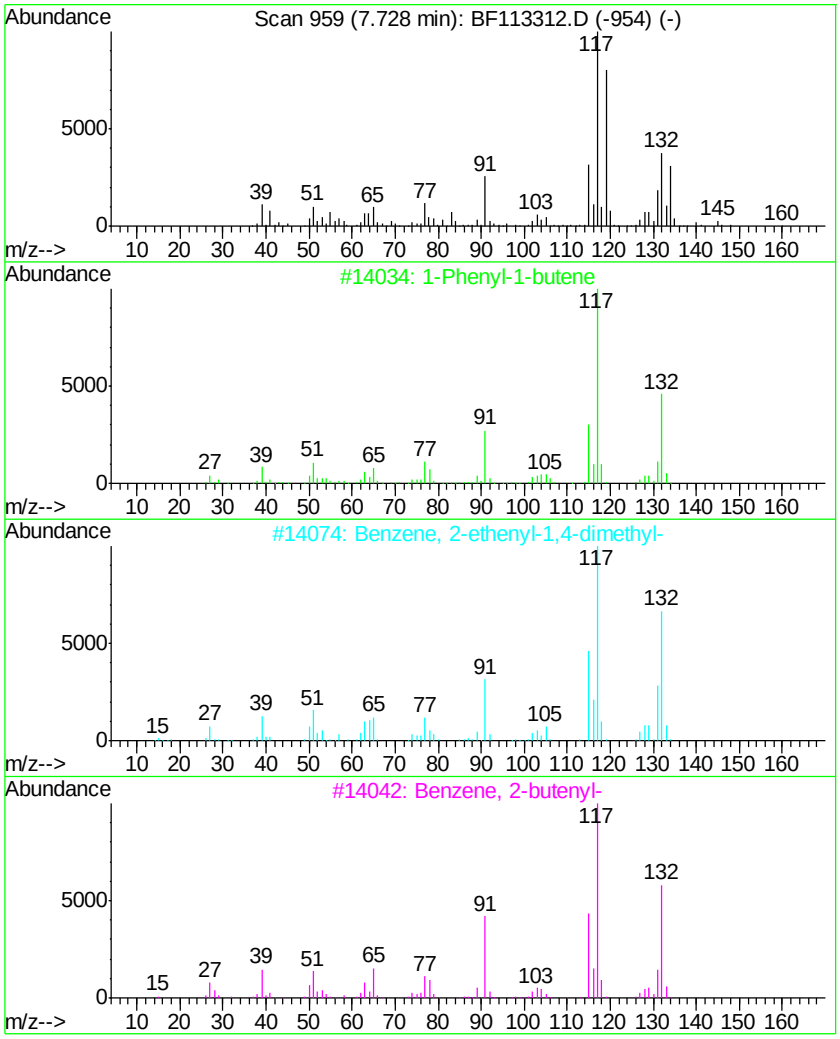
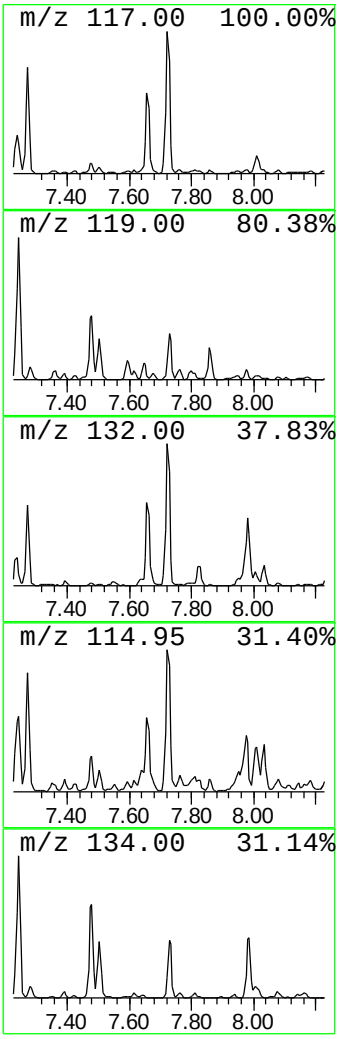
Peak Number 13 1-Phenyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	13.58 ng	986400	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	55
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	50
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50





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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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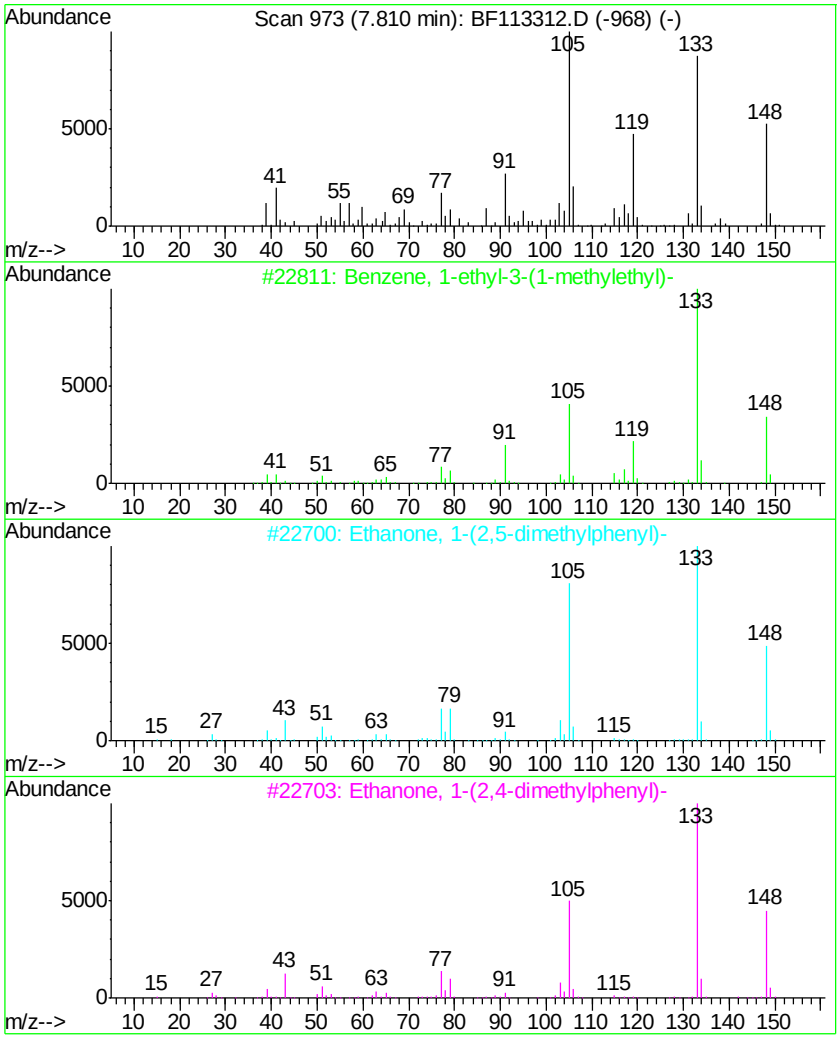
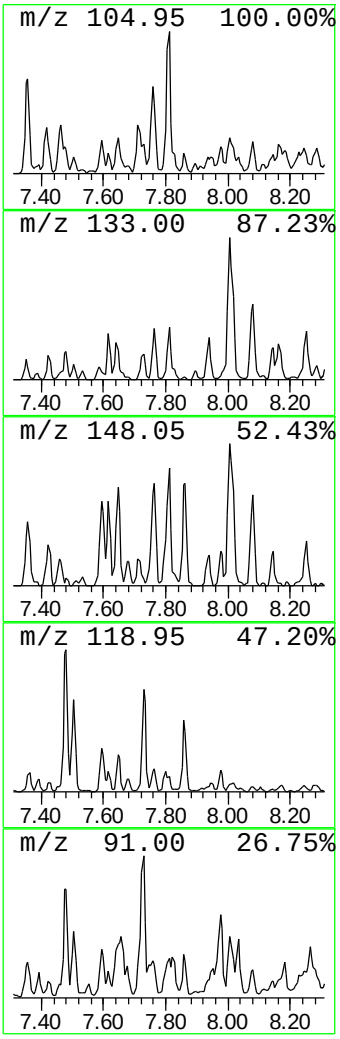
Peak Number 14 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	6.41 ng	465826	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	76
2	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	64
3	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	60
4	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	53
5	1H-Benzimidazole, 5-methoxy-	148	C8H8N2O	004887-80-3	52





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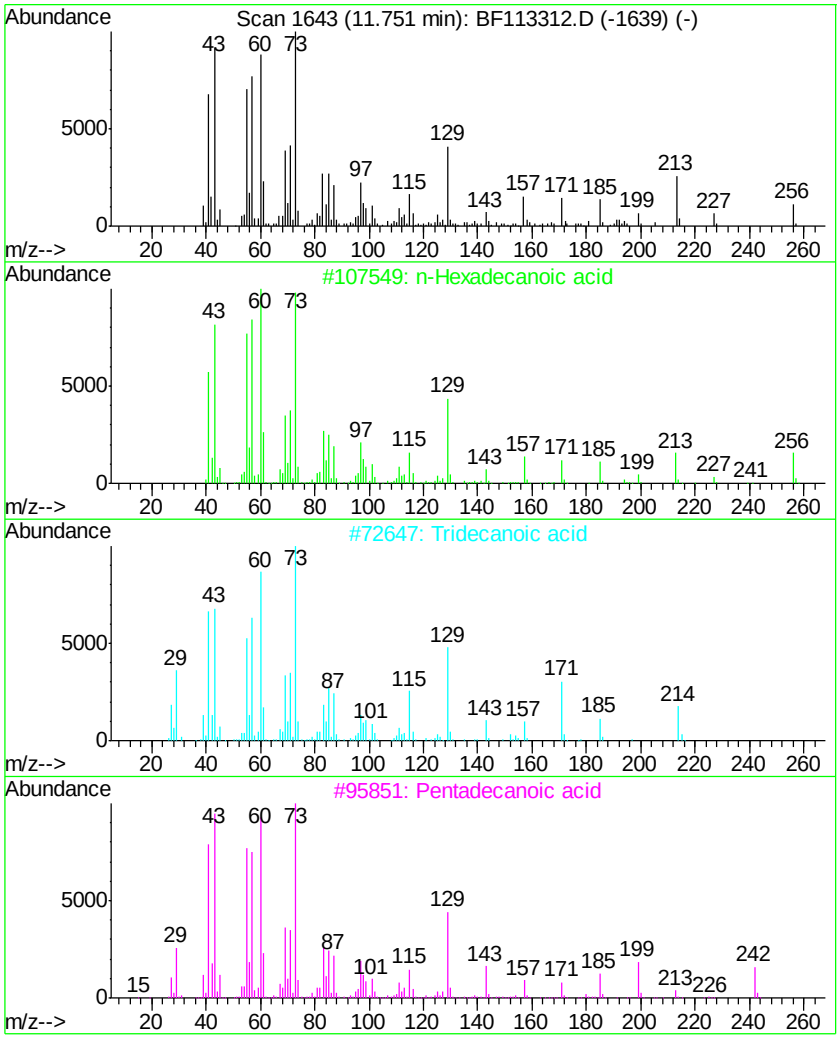
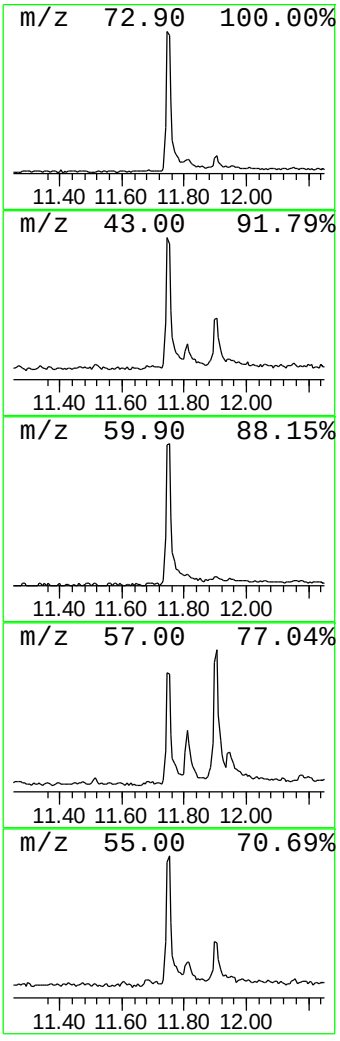
Peak Number 15 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	7.42 ng	410140	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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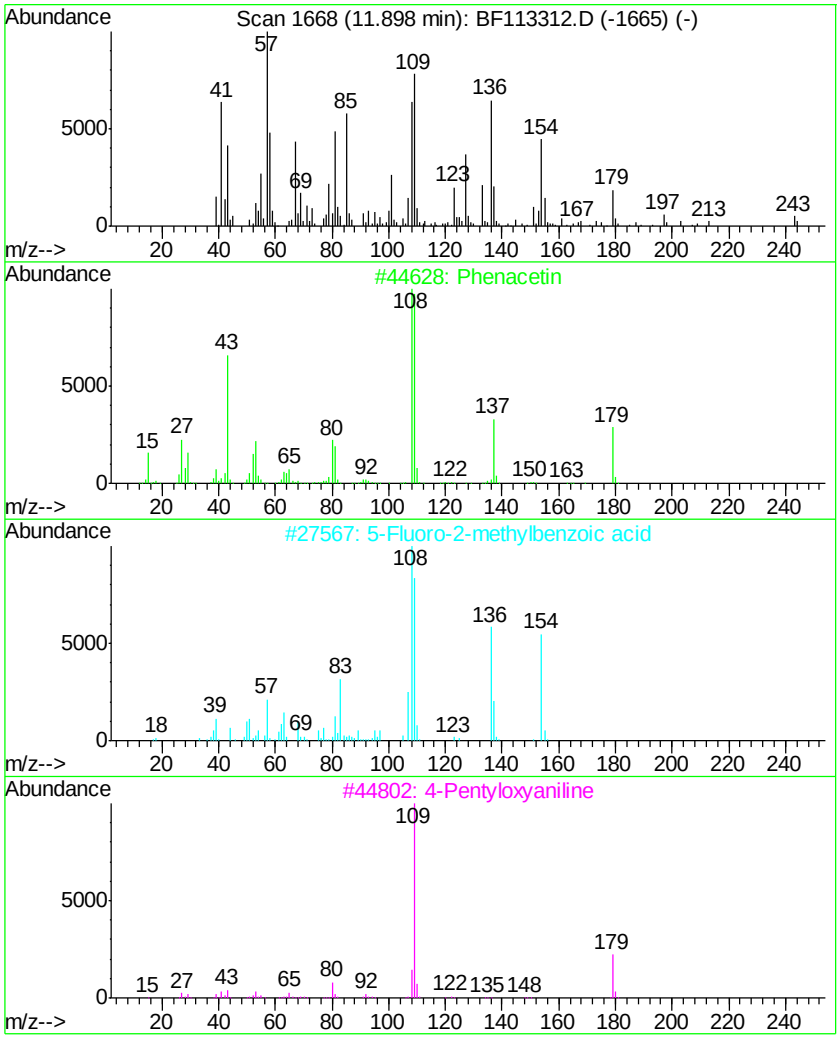
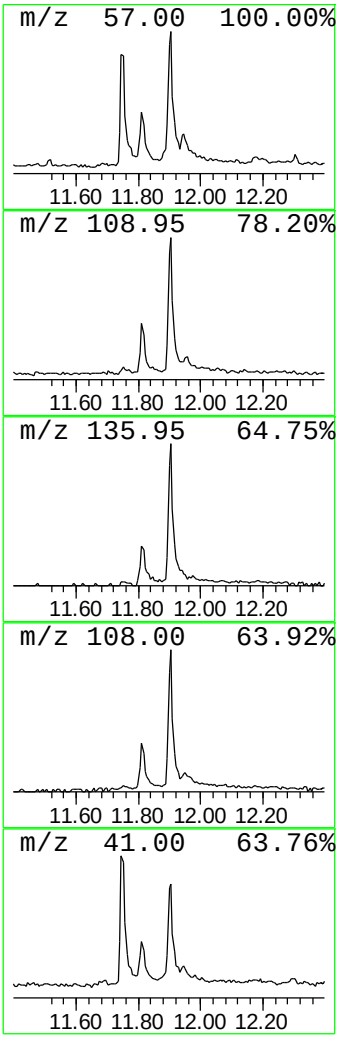
Peak Number 16 unknown11.90 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	5.80 ng	320490	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenacetin	179	C10H13NO2	000062-44-2	38
2	5-Fluoro-2-methylbenzoic acid	154	C8H7FO2	033184-16-6	38
3	4-Pentyloxyaniline	179	C11H17NO	039905-50-5	18
4	1H-Pyrrole-2-carboxaldehyde, 1-m...	109	C6H7NO	001192-58-1	14
5	Butanamide, N-(4-hydroxyphenyl)-	179	C10H13NO2	000101-91-7	14





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TIC Library : C:\DATABASE\NIST11.L
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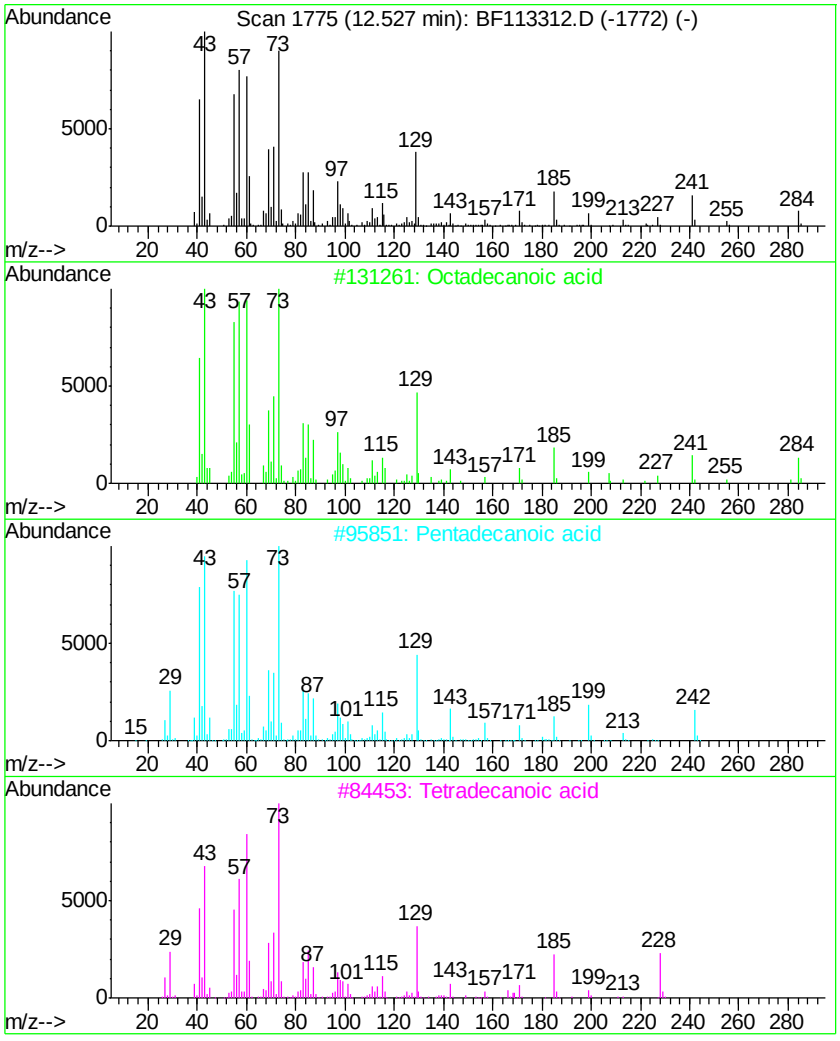
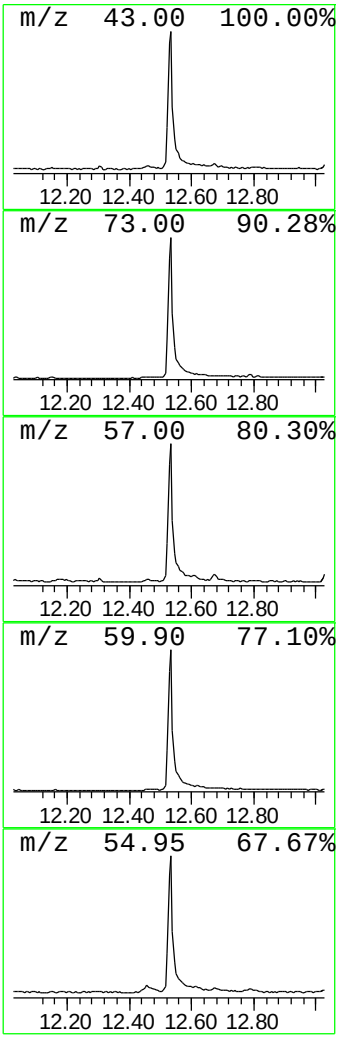
Peak Number 17 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	25.39 ng	1058630	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72





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Acq On : 27 Mar 2019 1:18
Operator : JU/SJ
Sample : K2099-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHORE-RD-CLVRT-STLD-1H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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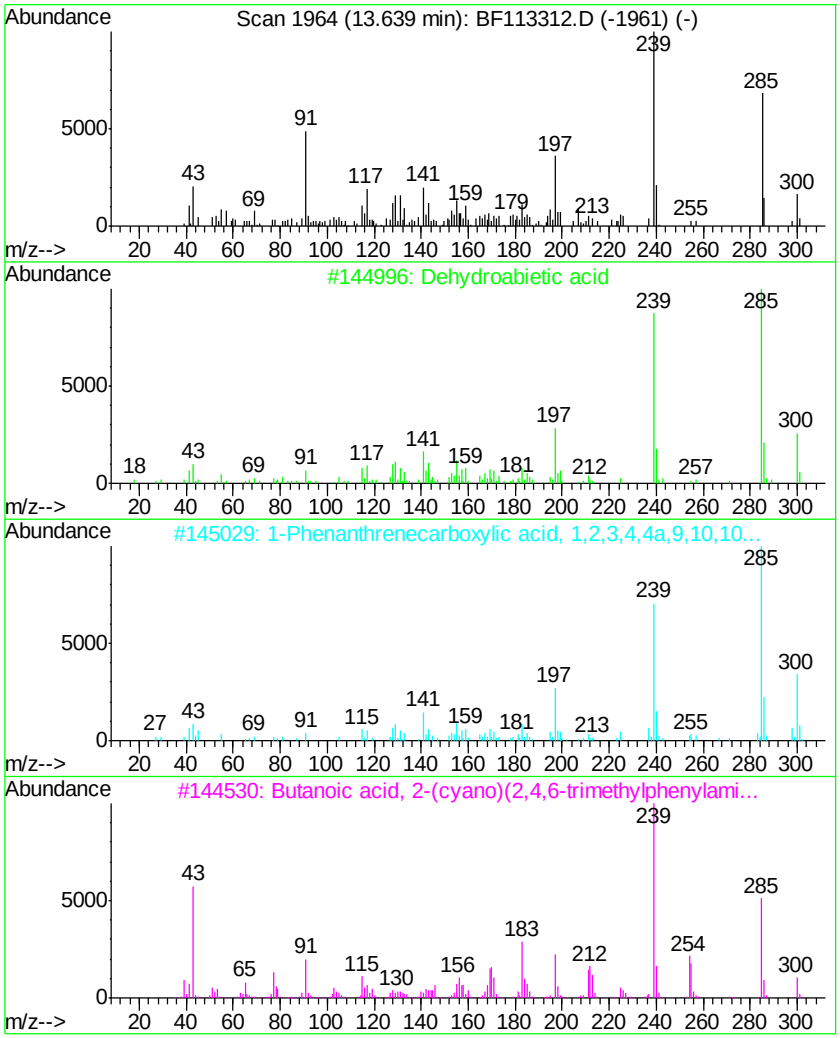
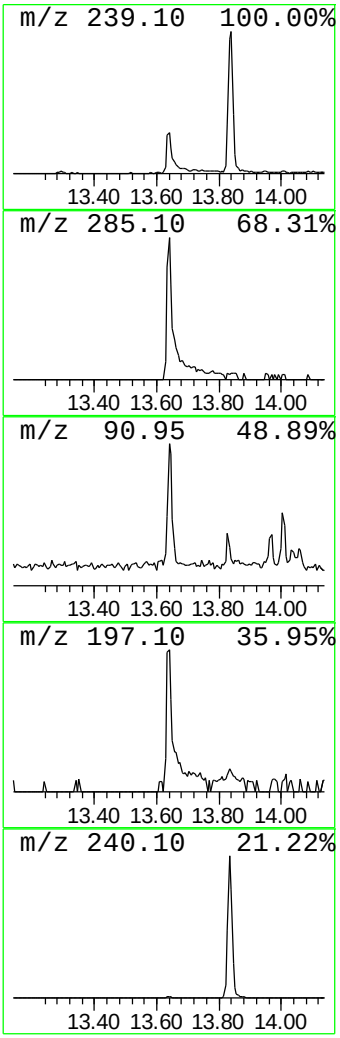
Peak Number 18 Dehydroabietic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	3.46 ng	144408	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	99
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	93
3	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	59
4	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	42
5	Dibenzo[b,f]oxepin-3-amine, 6-me...	239	C15H13NO2	1000338-08-4	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113312.D
Acq On : 27 Mar 2019 1:18
Operator : JU/SJ
Sample : K2099-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHORE-RD-CLVRT-STLD-1H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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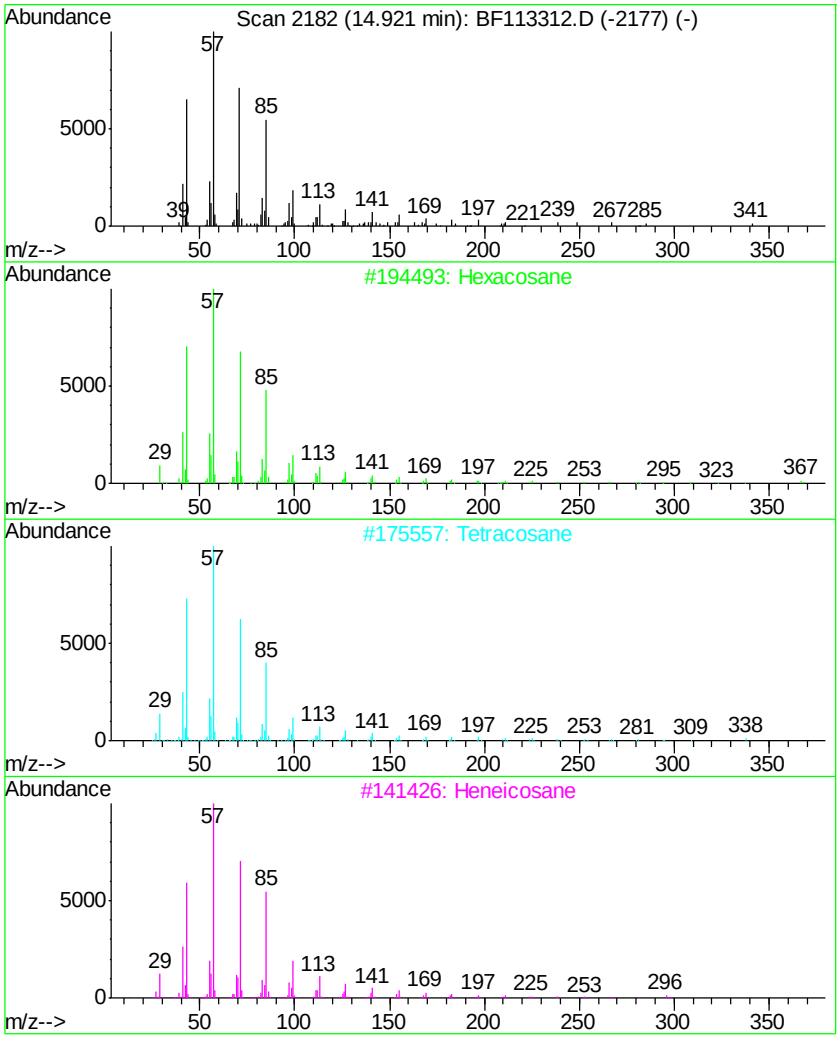
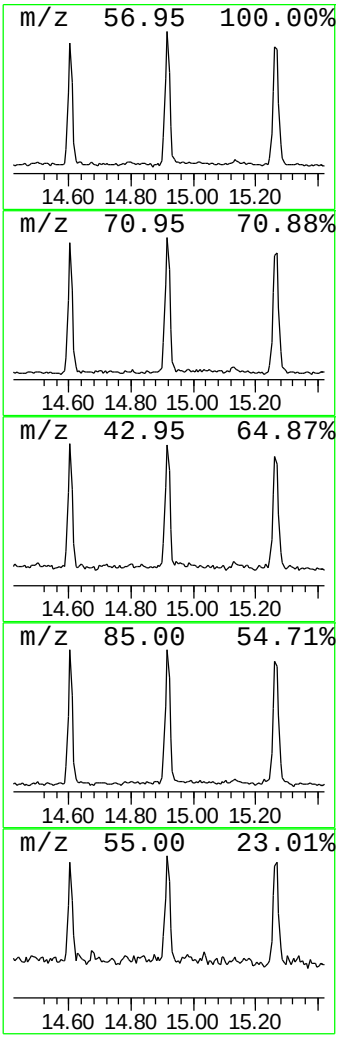
Peak Number 19 Hexacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	4.23 ng	181368	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113312.D
Acq On : 27 Mar 2019 1:18
Operator : JU/SJ
Sample : K2099-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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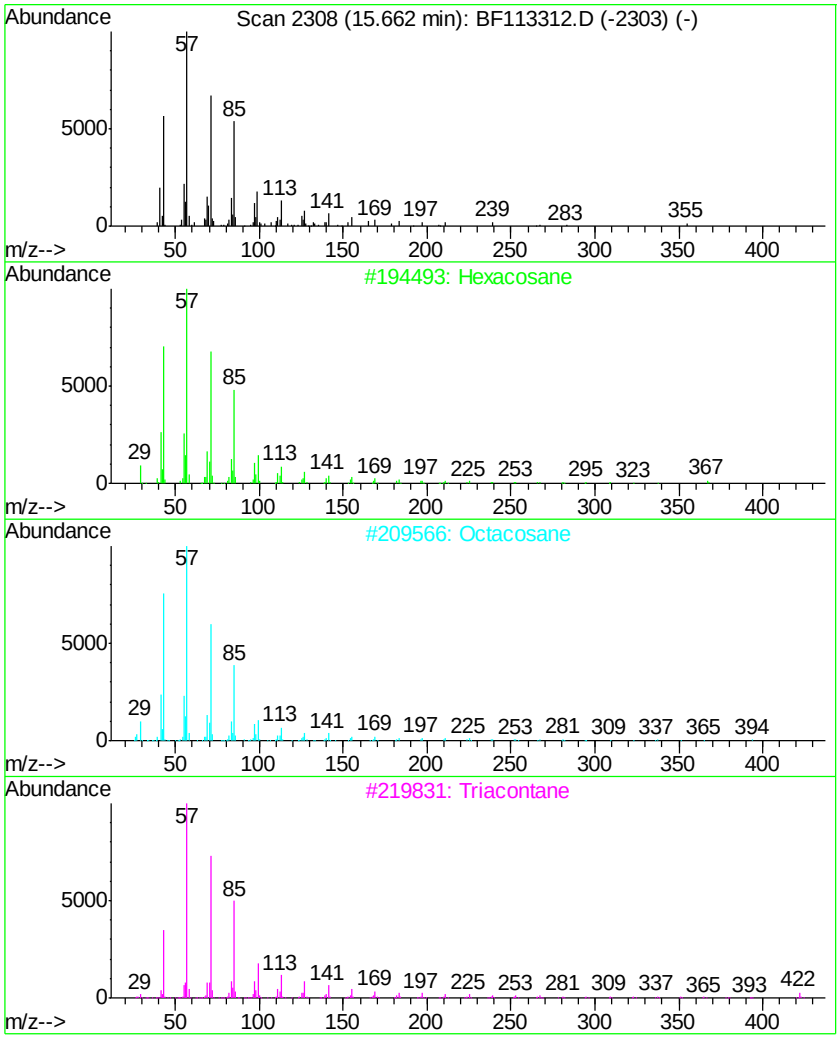
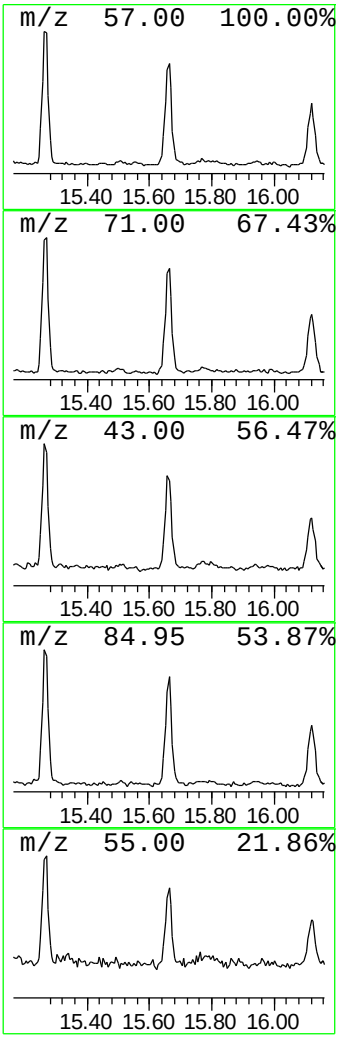
Peak Number 20 Heptadecane, 9-octyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	3.67 ng	157526	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113312.D
Acq On : 27 Mar 2019 1:18
Operator : JU/SJ
Sample : K2099-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHORE-RD-CLVRT-STLD-1H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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
1,3-Dimethyl-1-cy...	4.42	3.6	ng	157835	1	6.70	864410	20.0
2-Pentanone, 4-hy...	4.88	3.9	ng	168611	1	6.70	864410	20.0
Benzene, propyl-	6.16	3.3	ng	141722	1	6.70	864410	20.0
unknown6.47	6.47	54.0	ng	2334740	1	6.70	864410	20.0
unknown6.57	6.57	3.7	ng	160847	1	6.70	864410	20.0
Benzene, 2-propenyl-	6.88	5.8	ng	248957	1	6.70	864410	20.0
Benzene, 1-ethyl-...	6.96	7.0	ng	303125	1	6.70	864410	20.0
Benzene, 4-ethyl-...	7.03	12.0	ng	518838	1	6.70	864410	20.0
Benzene, 1-methyl...	7.10	5.4	ng	235124	1	6.70	864410	20.0
Benzene, 1,2,3,5-...	7.48	8.2	ng	595788	2	7.99	1453020	20.0
Indan, 1-methyl-	7.66	4.9	ng	357297	2	7.99	1453020	20.0
1-Phenyl-1-butene	7.73	13.6	ng	986400	2	7.99	1453020	20.0
Benzene, 1-ethyl-...	7.81	6.4	ng	465826	2	7.99	1453020	20.0
n-Hexadecanoic acid	11.75	7.4	ng	410140	4	11.21	1106090	20.0
unknown11.90	11.90	5.8	ng	320490	4	11.21	1106090	20.0
Octadecanoic acid	12.53	25.4	ng	1058630	5	13.83	833918	20.0
Dehydroabietic acid	13.64	3.5	ng	144408	5	13.83	833918	20.0
Hexacosane	14.92	4.2	ng	181368	6	15.23	857689	20.0
Heptadecane, 9-oc...	15.66	3.7	ng	157526	6	15.23	857689	20.0