LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094780.D
Acq On : 2 May 2017 5:57
Operator : SJ/MA
Sample : I2892-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AST-N(2.5-3)

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:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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	3.925	331	338	349	rBV	508359	740565	13.87%	0.834%
2	4.272	390	397	402	rBV2	175629	280341	5.25%	0.316%
3	4.325	402	406	412	rVV	2843409	2870868	53.77%	3.233%
4	4.525	437	440	447	rVV2	241760	299396	5.61%	0.337%
5	4.590	447	451	458	rVB	224806	229523	4.30%	0.258%
6	4.701	464	470	474	rVB2	185862	295211	5.53%	0.332%
7	4.842	488	494	499	rVB2	323907	374486	7.01%	0.422%
8	4.895	499	503	506	rBV2	136468	194202	3.64%	0.219%
9	4.942	508	511	518	rVB2	700192	899029	16.84%	1.012%
10	5.007	518	522	524	rBV	352467	351908	6.59%	0.396%
11	5.148	540	546	549	rBV3	415478	606509	11.36%	0.683%
12	5.219	556	558	560	rBV	386286	308449	5.78%	0.347%
13	5.242	560	562	566	rVV4	636888	937099	17.55%	1.055%
14	5.278	566	568	572	rVB	377630	358054	6.71%	0.403%
15	5.319	572	575	580	rBV3	835961	1047552	19.62%	1.180%
16	5.401	582	589	598	rVB2	2658859	3802693	71.23%	4.282%
17	5.478	598	602	604	rBV3	555125	731364	13.70%	0.824%
18	5.519	605	609	612	rVB	2937856	3029143	56.74%	3.411%
19	5.572	615	618	620	rBV	878146	711889	13.33%	0.802%
20	5.595	620	622	627	rVB3	587461	730030	13.67%	0.822%
21	5.695	636	639	641	rBV3	239273	284829	5.34%	0.321%
22	5.760	648	650	653	rVB	693890	626217	11.73%	0.705%
23	5.801	653	657	660	rVB2	1946949	1756371	32.90%	1.978%
24	5.831	660	662	668	rBV3	798155	1180382	22.11%	1.329%
25	5.913	674	676	678	rBV	298021	291486	5.46%	0.328%
26	5.942	678	681	685	rVV3	2816304	3109589	58.25%	3.502%
27	5.978	685	687	690	rVB	432424	469374	8.79%	0.529%
28	6.019	690	694	696	rBV4	252647	308350	5.78%	0.347%
29	6.054	696	700	702	rBV2	379126	547719	10.26%	0.617%
30	6.084	702	705	711	rVB3	859554	1548660	29.01%	1.744%
31	6.136	711	714	717	rBV2	1499974	1382161	25.89%	1.556%
32	6.172	717	720	724	rBV	760613	722720	13.54%	0.814%
33	6.213	724	727	732	rBV3	936493	1487608	27.86%	1.675%
34	6.248	732	733	736	rVB2	333850	275491	5.16%	0.310%

LSC Area Percent Report

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Acq On : 2 May 2017 5:57
Operator : SJ/MA
Sample : I2892-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AST-N(2.5-3)

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:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.307	740	743	745	rBV	368716	308030	5.77%	0.347%
36	6.331	745	747	750	rBV	409912	335778	6.29%	0.378%
37	6.395	750	758	759	rBV4	819534	1402760	26.28%	1.580%
38	6.419	759	762	764	rVB	1849840	1656493	31.03%	1.865%
39	6.442	764	766	769	rVB3	296101	271994	5.09%	0.306%
40	6.495	773	775	777	rBV3	230706	252691	4.73%	0.285%
41	6.519	777	779	783	rVB2	758382	853869	15.99%	0.961%
42	6.560	783	786	789	rBV	342693	392703	7.36%	0.442%
43	6.601	790	793	797	rVB5	408559	497528	9.32%	0.560%
44	6.660	797	803	806	rVB4	502117	872720	16.35%	0.983%
45	6.695	806	809	815	rBV	1479536	1406546	26.35%	1.584%
46	6.766	816	821	823	rVB4	242460	264357	4.95%	0.298%
47	6.825	823	831	836	rBV6	780938	1386676	25.97%	1.561%
48	6.866	836	838	843	rVB3	356946	356400	6.68%	0.401%
49	6.919	843	847	849	rBV4	209964	278883	5.22%	0.314%
50	6.954	849	853	856	rVB4	660899	863099	16.17%	0.972%
51	7.001	856	861	866	rVB3	476998	609290	11.41%	0.686%
52	7.048	866	869	870	rBV2	444041	430044	8.06%	0.484%
53	7.225	894	899	901	rBV4	291477	486399	9.11%	0.548%
54	7.254	901	904	909	rVV	1181244	1380169	25.85%	1.554%
55	7.307	909	913	919	rVB5	283060	568886	10.66%	0.641%
56	7.378	922	925	929	rBV2	725400	726311	13.60%	0.818%
57	7.495	942	945	947	rBV2	347149	369334	6.92%	0.416%
58	7.630	966	968	971	rVB3	250594	241922	4.53%	0.272%
59	7.713	979	982	984	rBV3	313781	361745	6.78%	0.407%
60	7.813	995	999	1005	rBV2	1028655	1279424	23.97%	1.441%
61	7.872	1005	1009	1012	rBV3	350226	349608	6.55%	0.394%
62	7.930	1016	1019	1024	rVB5	280758	335089	6.28%	0.377%
63	8.019	1032	1034	1037	rBV2	360830	333724	6.25%	0.376%
64	8.219	1065	1068	1069	rBV2	215605	190765	3.57%	0.215%
65	8.236	1069	1071	1073	rVV	420143	372117	6.97%	0.419%
66	8.266	1073	1076	1085	rVB3	481921	776376	14.54%	0.874%
67	8.389	1095	1097	1101	rVB3	226591	229953	4.31%	0.259%
68	8.466	1107	1110	1113	rBV5	252812	285244	5.34%	0.321%
69	8.525	1117	1120	1122	rBV2	247979	305352	5.72%	0.344%
70	8.554	1122	1125	1127	rVV	1347329	1443239	27.03%	1.625%
71	8.578	1127	1129	1132	rVB	2716146	2453151	45.95%	2.762%

LSC Area Percent Report

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Sample : I2892-03
Misc :
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Instrument : BNA_F
ClientSampleId : AST-N(2.5-3)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.666	1140	1144	1146	rBV4	301633	381619	7.15%	0.430%
73	8.689	1146	1148	1151	rVV	307754	265473	4.97%	0.299%
74	8.725	1151	1154	1157	rBV	609399	837152	15.68%	0.943%
75	8.889	1179	1182	1186	rBV	331602	540806	10.13%	0.609%
76	8.954	1191	1193	1195	rVV3	220439	216991	4.06%	0.244%
77	8.983	1195	1198	1201	rVB2	420254	453075	8.49%	0.510%
78	9.019	1201	1204	1205	rBV2	303328	303528	5.69%	0.342%
79	9.042	1205	1208	1212	rVB	757444	703007	13.17%	0.792%
80	9.083	1212	1215	1216	rBV	492937	413934	7.75%	0.466%
81	9.119	1218	1221	1224	rVB2	1485329	1465661	27.45%	1.650%
82	9.230	1237	1240	1244	rBV3	321945	488013	9.14%	0.550%
83	9.272	1244	1247	1248	rVV2	426790	392068	7.34%	0.441%
84	9.289	1248	1250	1253	rVB	661046	617075	11.56%	0.695%
85	9.377	1261	1265	1266	rBV	1180101	1270390	23.80%	1.431%
86	9.701	1317	1320	1325	rVB2	514668	678735	12.71%	0.764%
87	9.772	1329	1332	1335	rBV2	415118	472961	8.86%	0.533%
88	9.901	1351	1354	1357	rBV2	476482	653547	12.24%	0.736%
89	9.995	1367	1370	1375	rBV	846466	1177446	22.05%	1.326%
90	10.272	1413	1417	1423	rVB	1699747	2520837	47.22%	2.839%
91	10.377	1431	1435	1443	rBV2	828296	1828632	34.25%	2.059%
92	10.607	1466	1474	1485	rVB	2683417	5338704	100.00%	6.012%
93	11.142	1561	1565	1567	rBV	798041	1102228	20.65%	1.241%
94	11.177	1567	1571	1576	rVB	1860026	2734687	51.22%	3.079%
95	11.607	1642	1644	1649	rVB	474384	677267	12.69%	0.763%
96	11.666	1651	1654	1659	rVB	722432	951428	17.82%	1.071%
97	12.171	1737	1740	1745	rVB	599703	794649	14.88%	0.895%
98	12.724	1830	1834	1841	rVB	688980	1067378	19.99%	1.202%
99	12.995	1877	1880	1887	rVB	658862	1104349	20.69%	1.244%
100	13.207	1912	1916	1921	rVB	1092518	1636493	30.65%	1.843%

Sum of corrected areas: 88806070

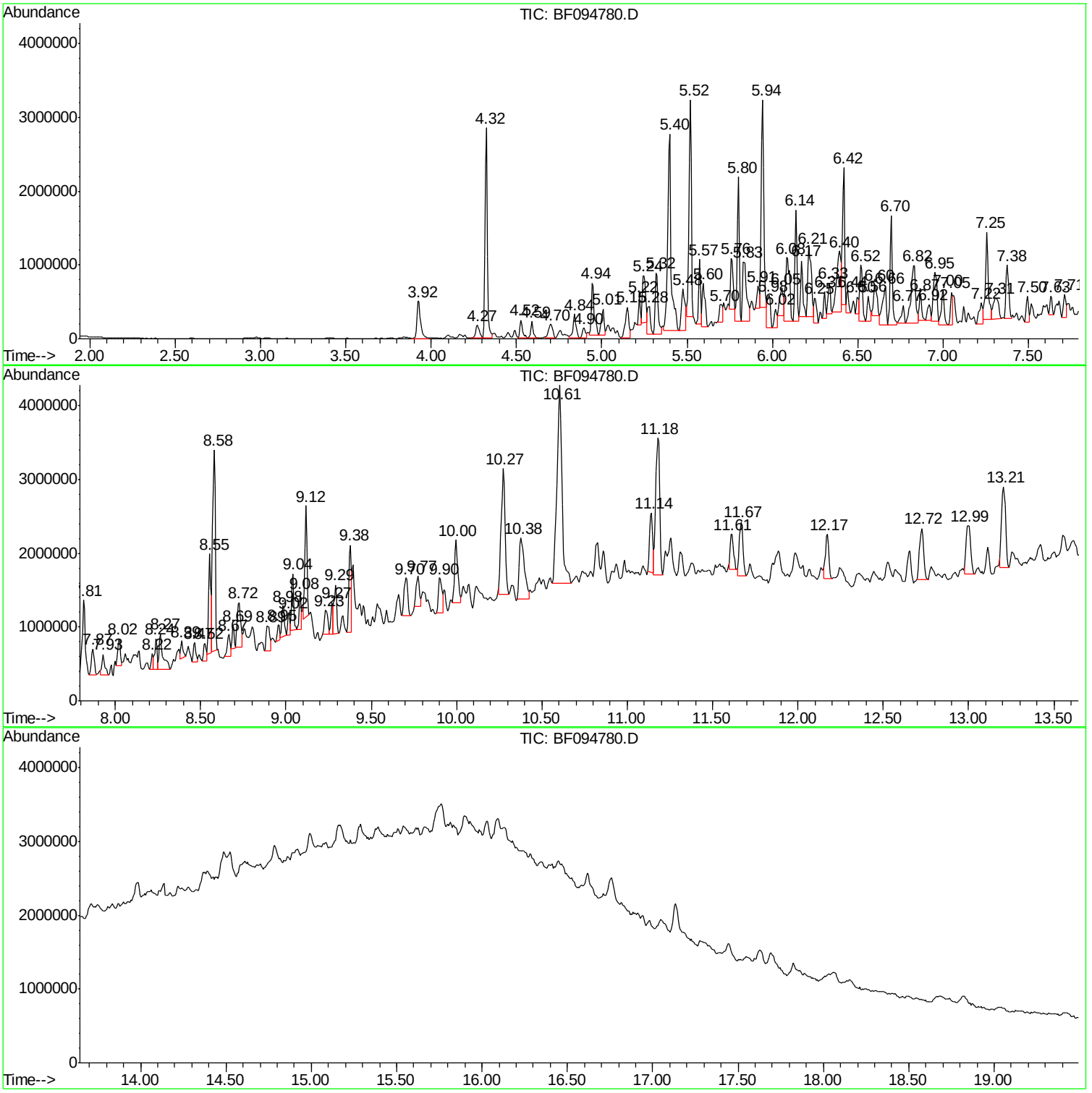
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094780.D
Acq On : 2 May 2017 5:57
Operator : SJ/MA
Sample : I2892-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AST-N(2.5-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
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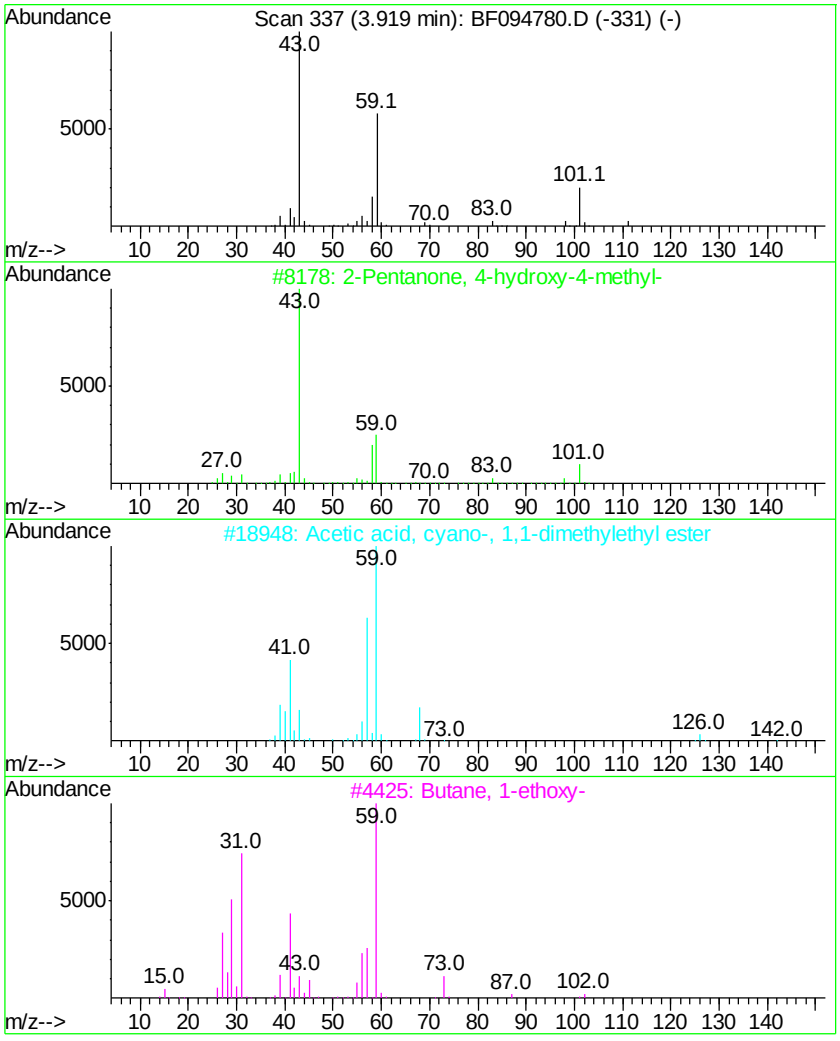
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

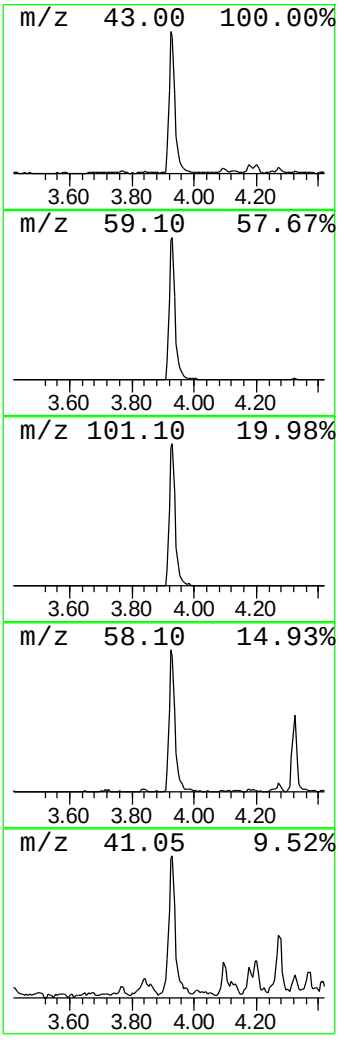
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	23.65 ng	740565	1,4-Dichlorobenzene-d4	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Sample : I2892-03
Misc :
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Instrument : BNA_F
ClientSampleId : AST-N(2.5-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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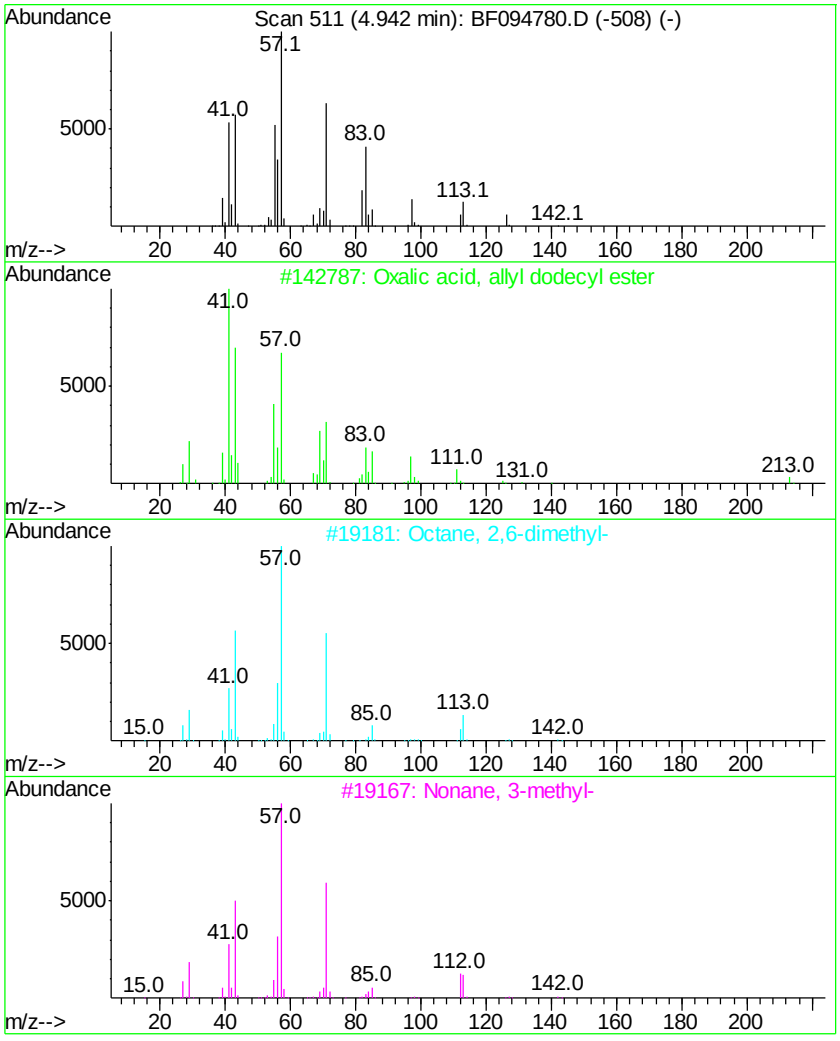
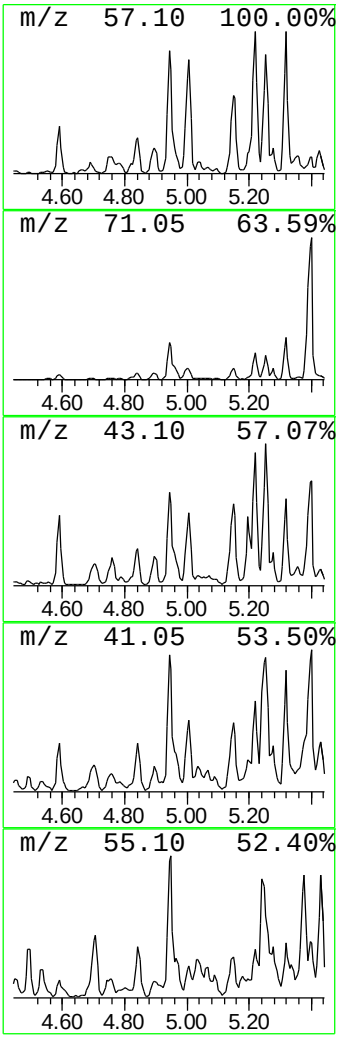
****

Peak Number 2 Oxalic acid, allyl dodecyl ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	28.71 ng	899029	1,4-Dichlorobenzene-d4	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, allyl dodecyl ester	298	C17H30O4	1000309-24-0	59
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	52
5	3-Bromooctane	192	C8H17Br	000999-64-4	43





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ClientSampleId : AST-N(2.5-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
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TIC Library : C:\DATABASE\NIST11.L
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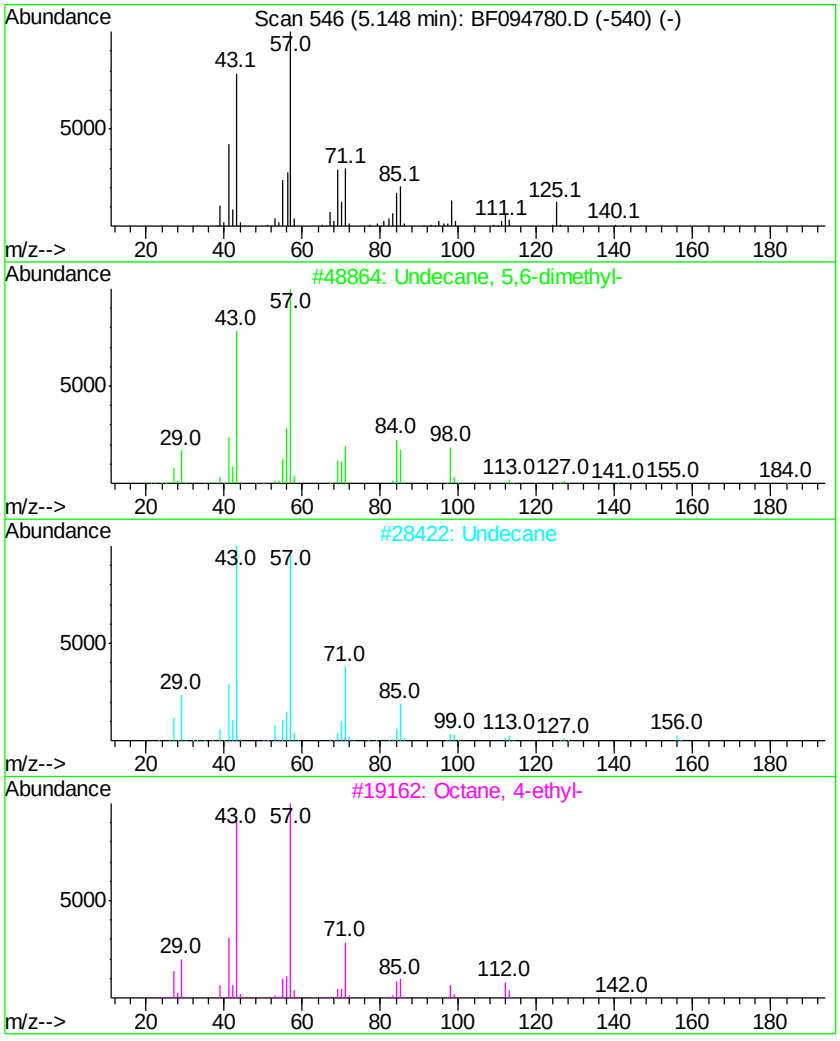
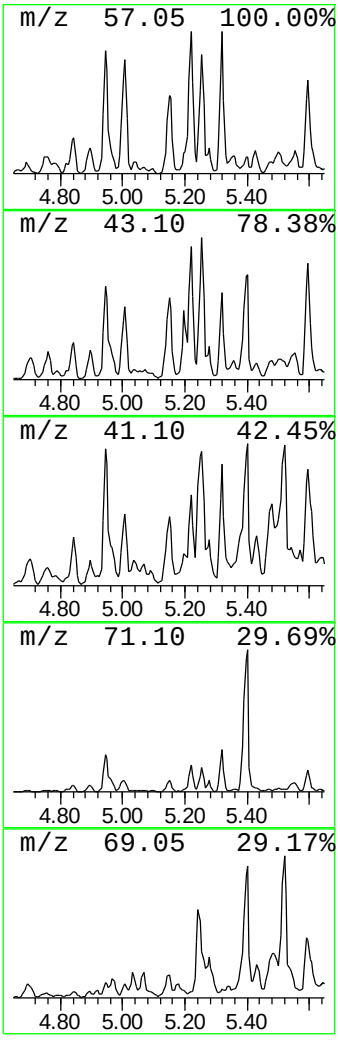
****

Peak Number 3 Undecane, 5,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	19.37 ng	606509	1,4-Dichlorobenzene-d4	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	59
2	Undecane	156	C11H24	001120-21-4	59
3	Octane, 4-ethyl-	142	C10H22	015869-86-0	52
4	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	47
5	Decane	142	C10H22	000124-18-5	47





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Instrument : BNA_F
ClientSampleId : AST-N(2.5-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
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TIC Library : C:\DATABASE\NIST11.L
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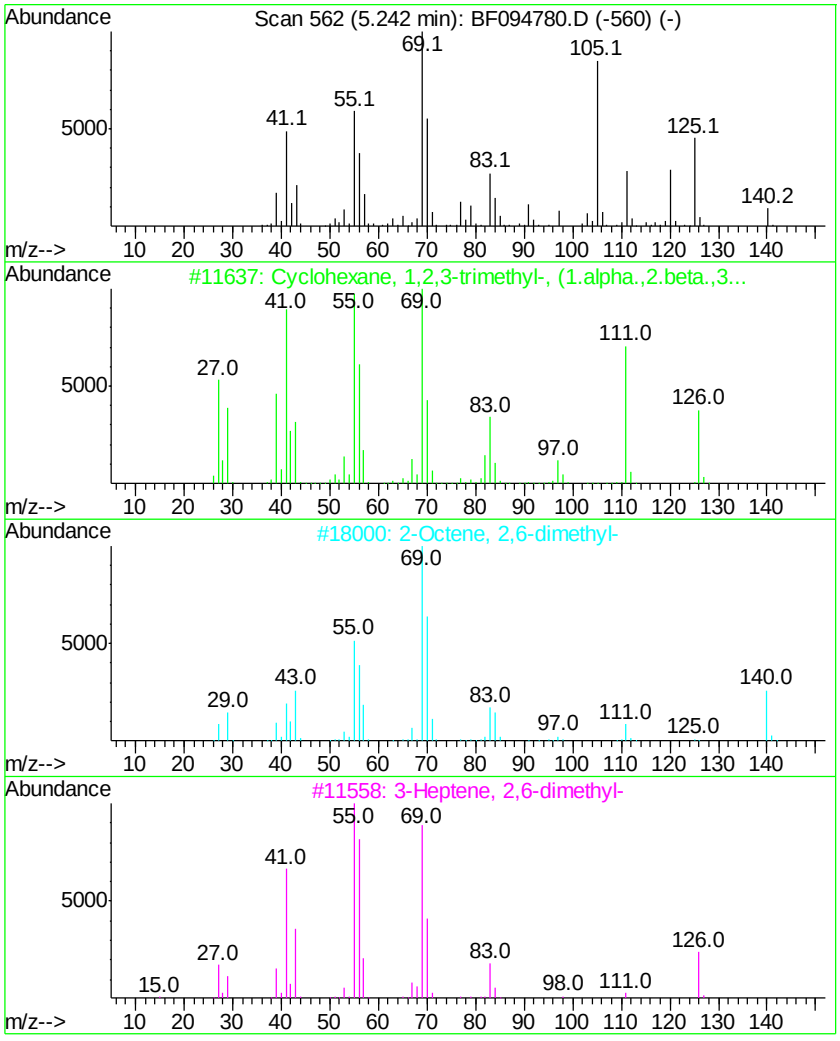
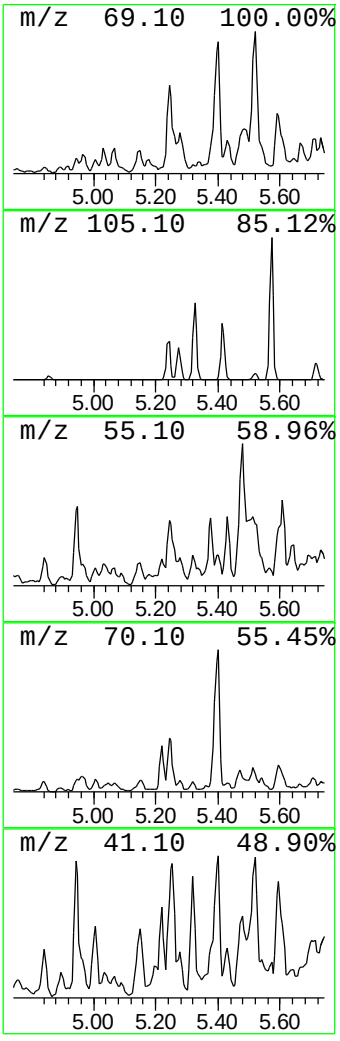
****

Peak Number 4 Cyclohexane, 1,2,3-trimethy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	29.93 ng	937099	1,4-Dichlorobenzene-d4	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	60
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	53
3	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	43
4	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	053907-60-1	43
5	Cyclooctane, butyl-	168	C12H24	016538-93-5	38





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Acq On : 2 May 2017 5:57
Operator : SJ/MA
Sample : I2892-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AST-N(2.5-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

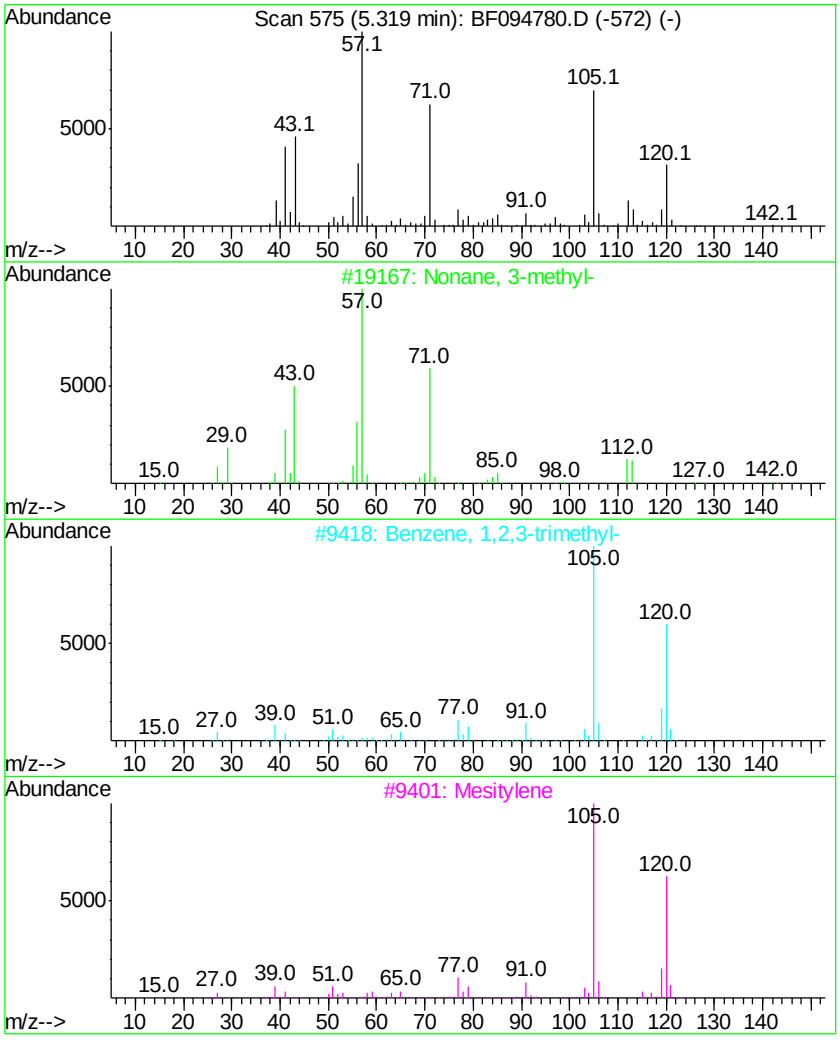
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

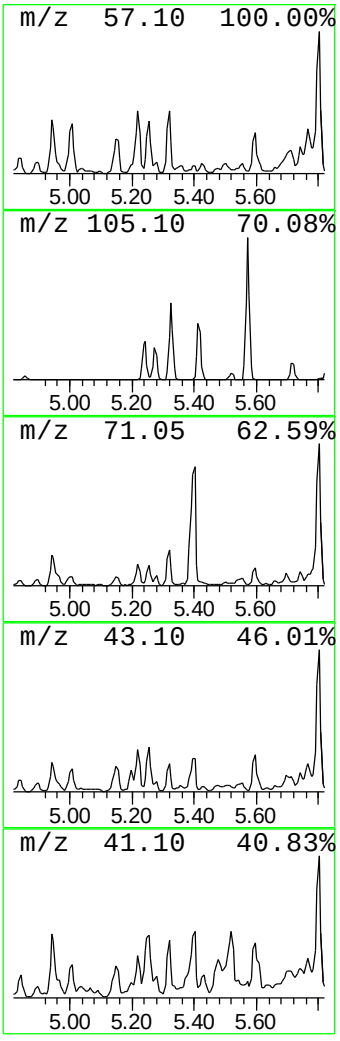
****

Peak Number 5 Nonane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	33.46 ng	1047550	1,4-Dichlorobenzene-d4	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	83
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	68
3	Mesitylene	120	C9H12	000108-67-8	60
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	46
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	45





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Data File : BF094780.D
Acq On : 2 May 2017 5:57
Operator : SJ/MA
Sample : I2892-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AST-N(2.5-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

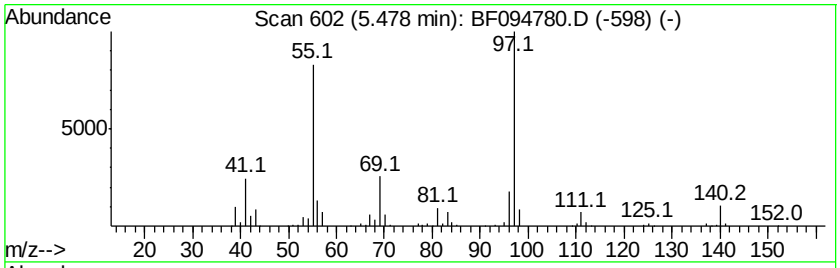
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

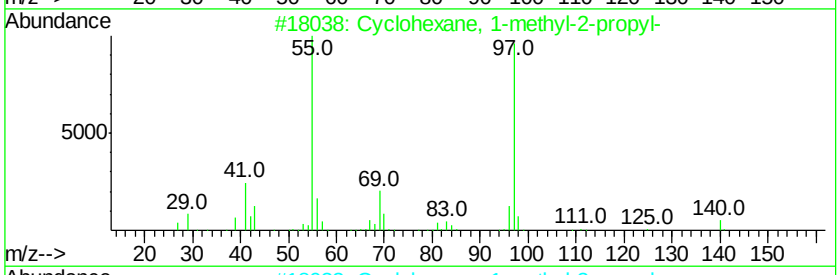
****

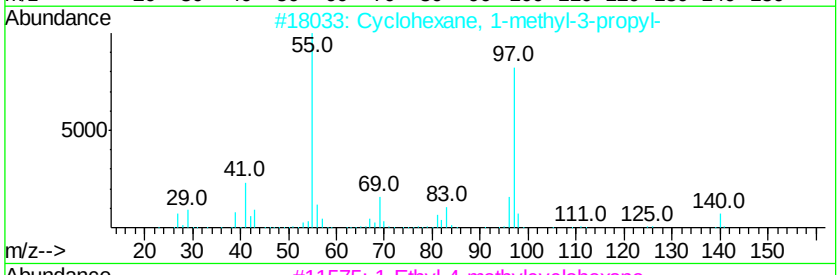
Peak Number 6 Cyclohexane, 1-methyl-2-pro... Concentration Rank 13

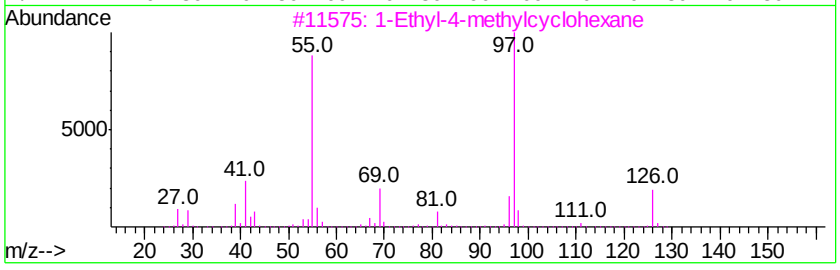
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	23.36 ng	731364	1,4-Dichlorobenzene-d4	5.76

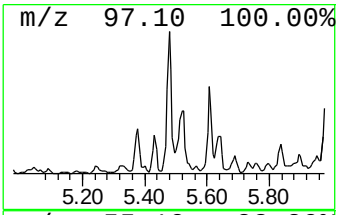
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	90
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	90
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
4	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	86
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	81

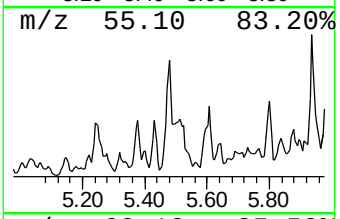


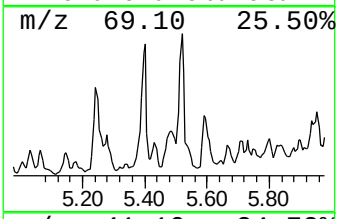


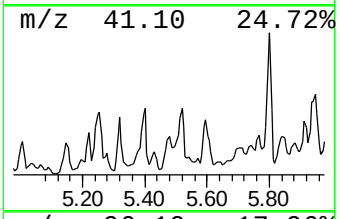


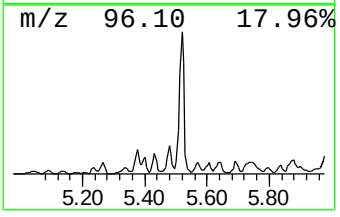












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Data File : BF094780.D
Acq On : 2 May 2017 5:57
Operator : SJ/MA
Sample : I2892-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AST-N(2.5-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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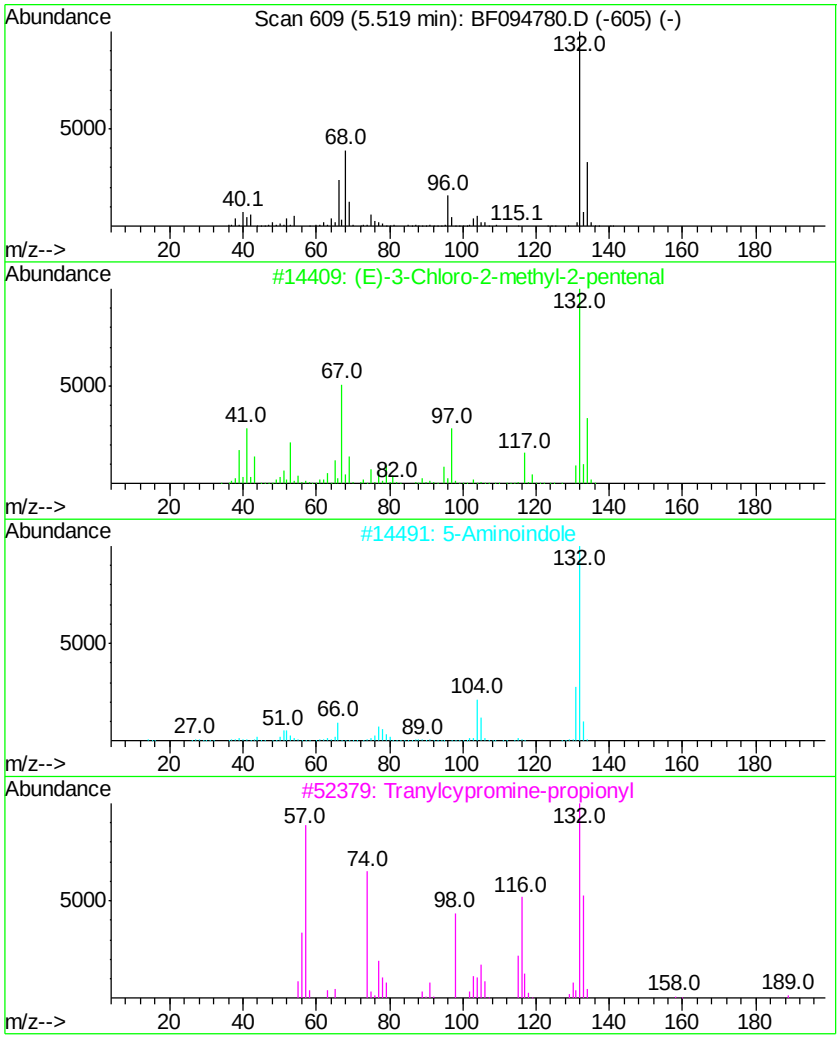
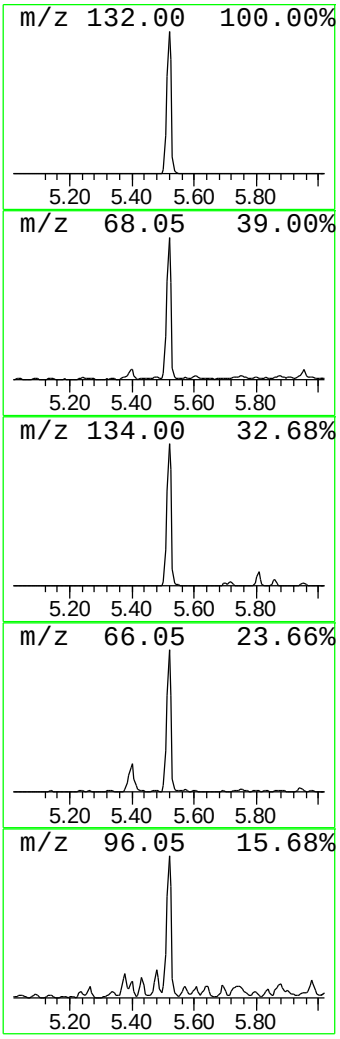
Peak Number 7 unknown5.52 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	96.74 ng	3029140	1,4-Dichlorobenzene-d4	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Acq On : 2 May 2017 5:57
Operator : SJ/MA
Sample : I2892-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AST-N(2.5-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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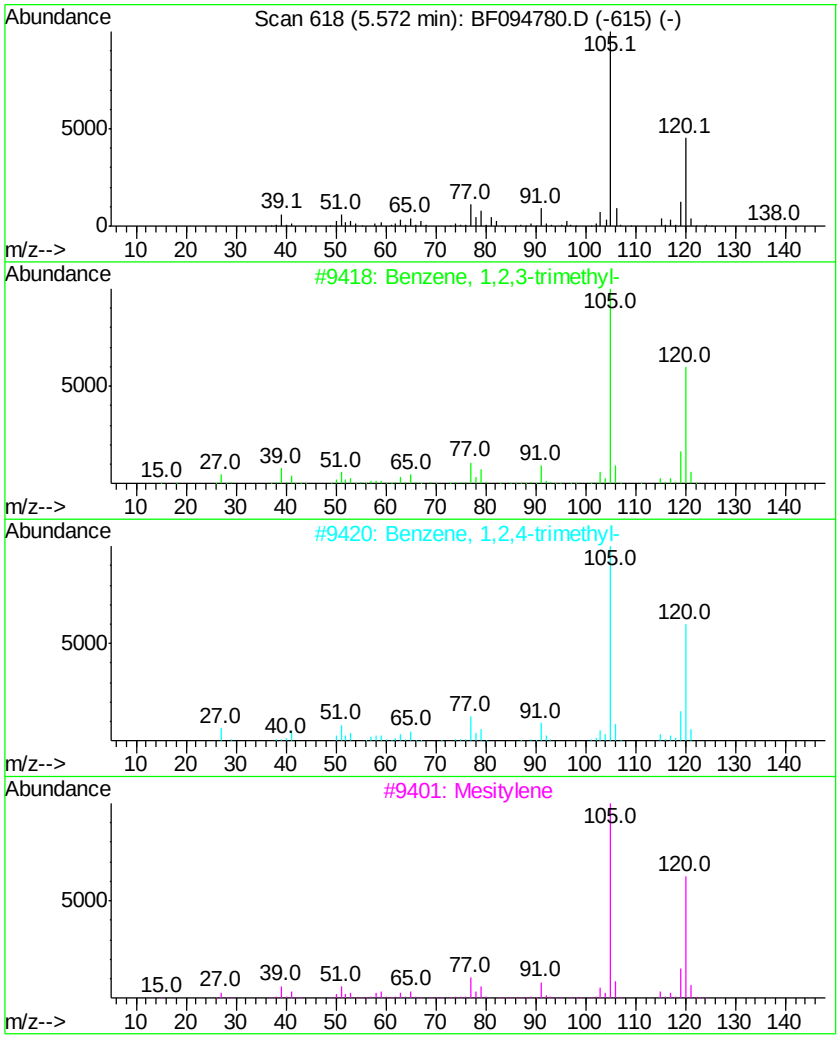
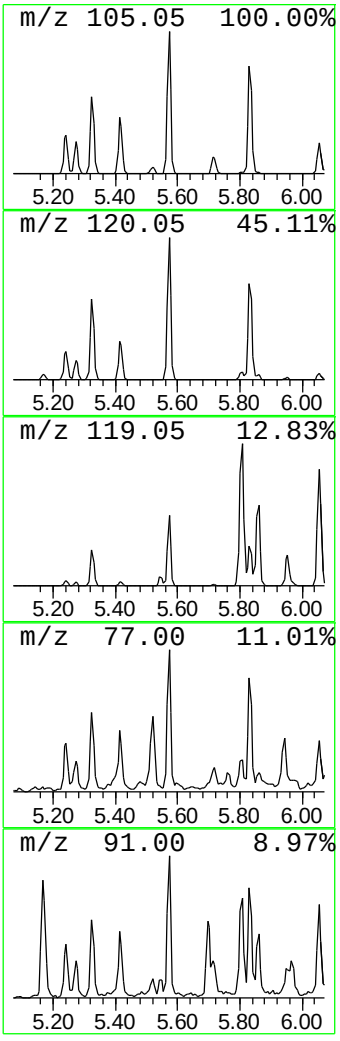
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	22.74 ng	711889	1,4-Dichlorobenzene-d4	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Mesitylene	120	C9H12	000108-67-8	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Acq On : 2 May 2017 5:57
Operator : SJ/MA
Sample : I2892-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AST-N(2.5-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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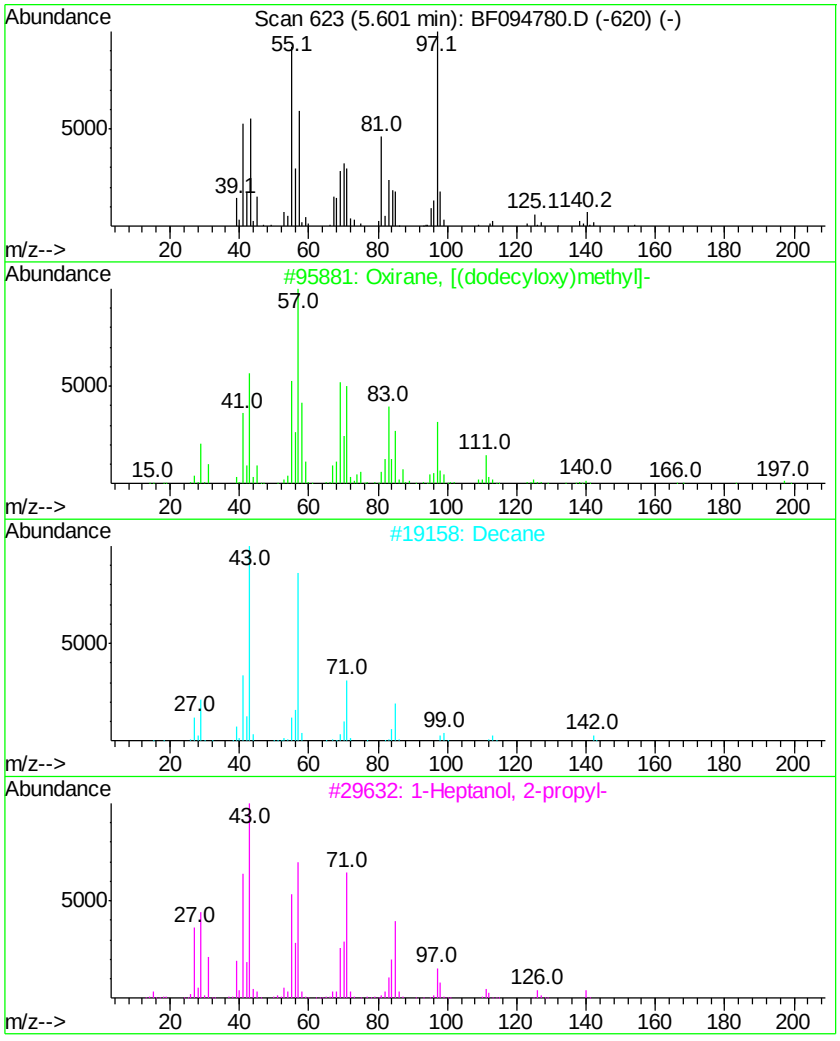
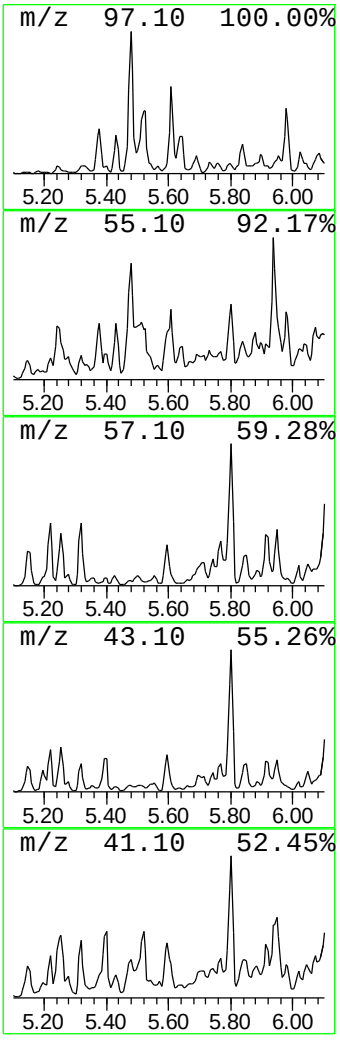
Peak Number 9 Oxirane, [(dodecyloxy)methyl]- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	23.32 ng	730030	1,4-Dichlorobenzene-d4	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	72
2	Decane	142	C10H22	000124-18-5	70
3	1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	64
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	62
5	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	53





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Acq On : 2 May 2017 5:57
Operator : SJ/MA
Sample : I2892-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AST-N(2.5-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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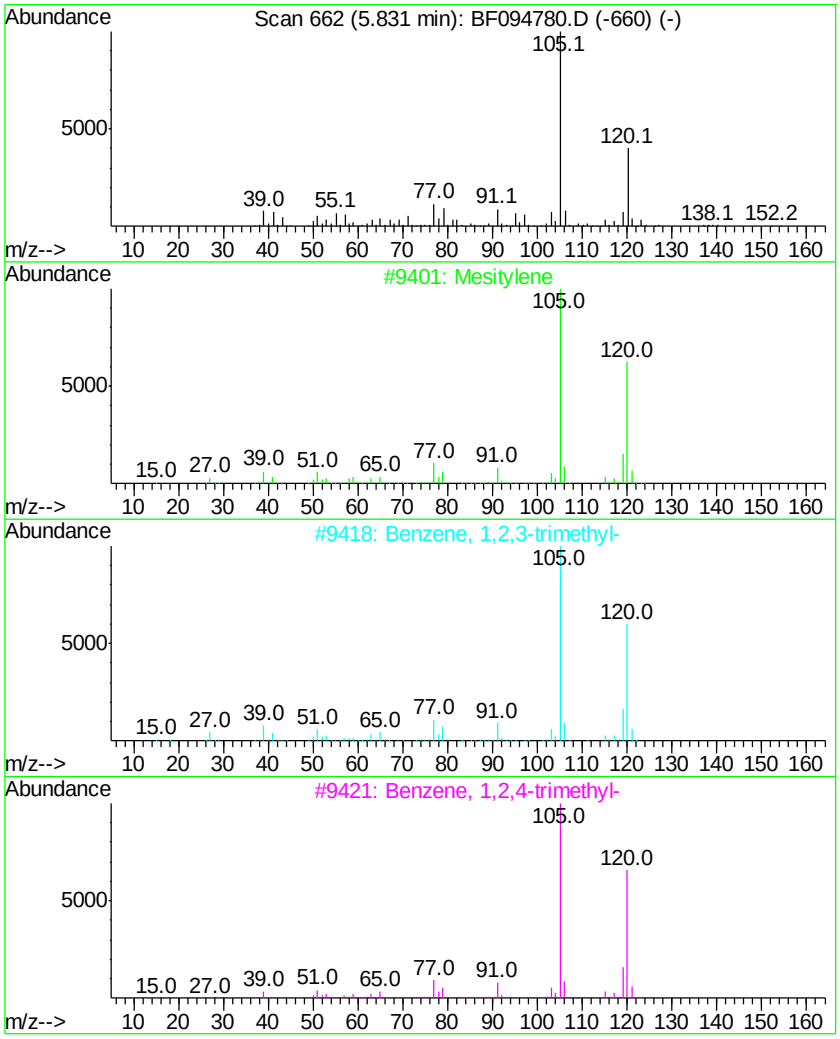
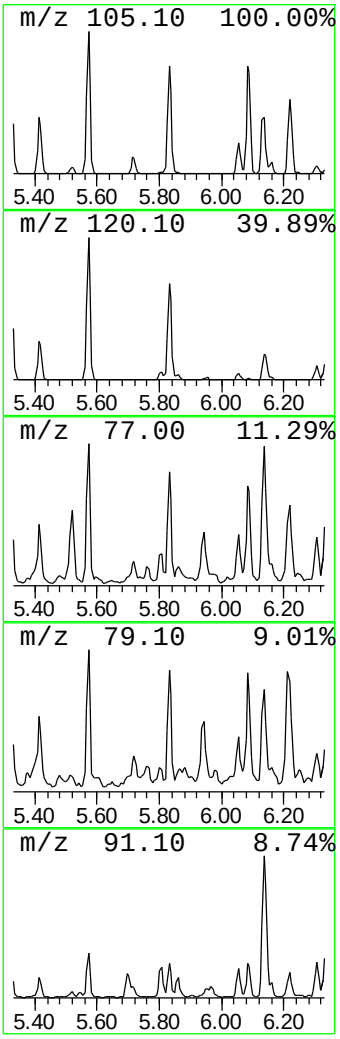
Peak Number 10 Mesitylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.83	37.70 ng	1180380	1,4-Dichlorobenzene-d4	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





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Operator : SJ/MA
Sample : I2892-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AST-N(2.5-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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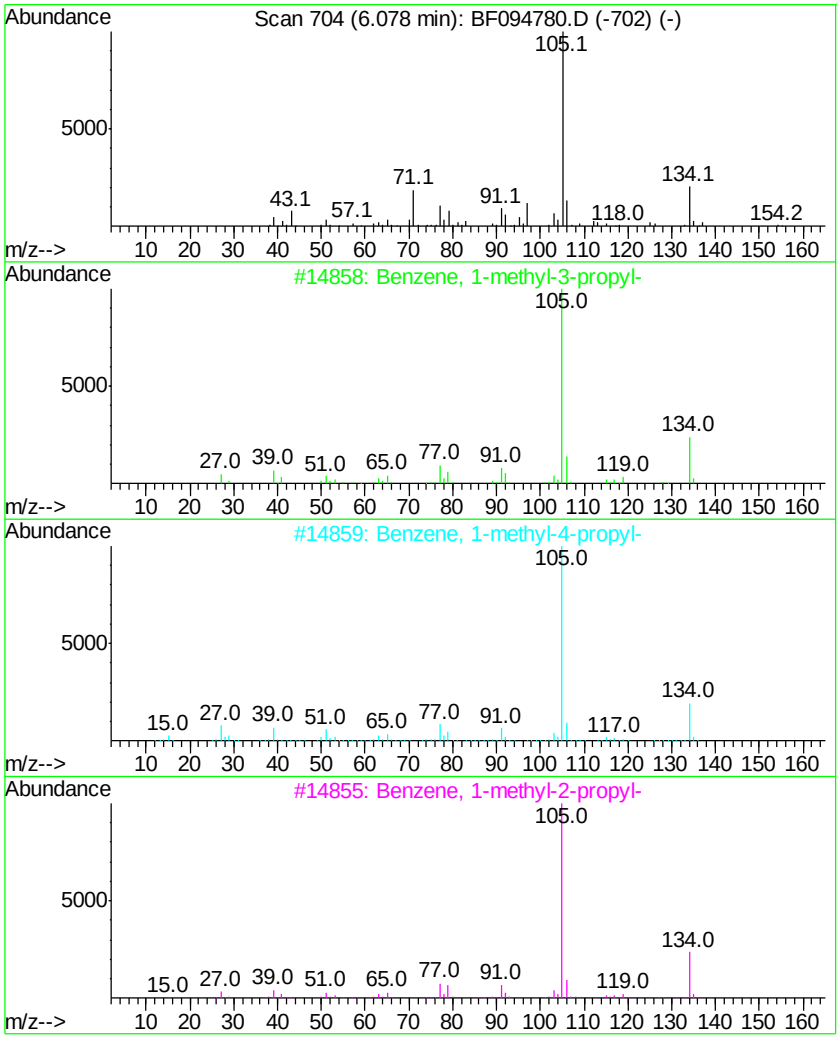
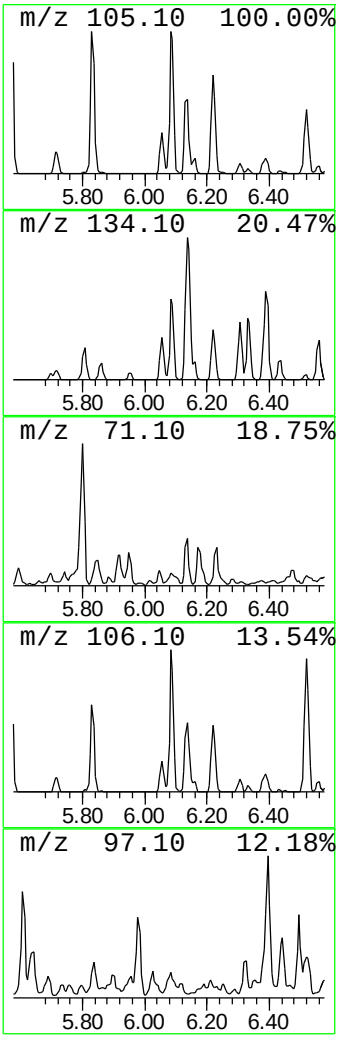
Peak Number 12 Benzene, 1-methyl-3-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	49.46 ng	1548660	1,4-Dichlorobenzene-d4	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	81
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76
5	2-Indanol	134	C9H10O	004254-29-9	72





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Acq On : 2 May 2017 5:57
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Sample : I2892-03
Misc :
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Instrument : BNA_F
ClientSampleId : AST-N(2.5-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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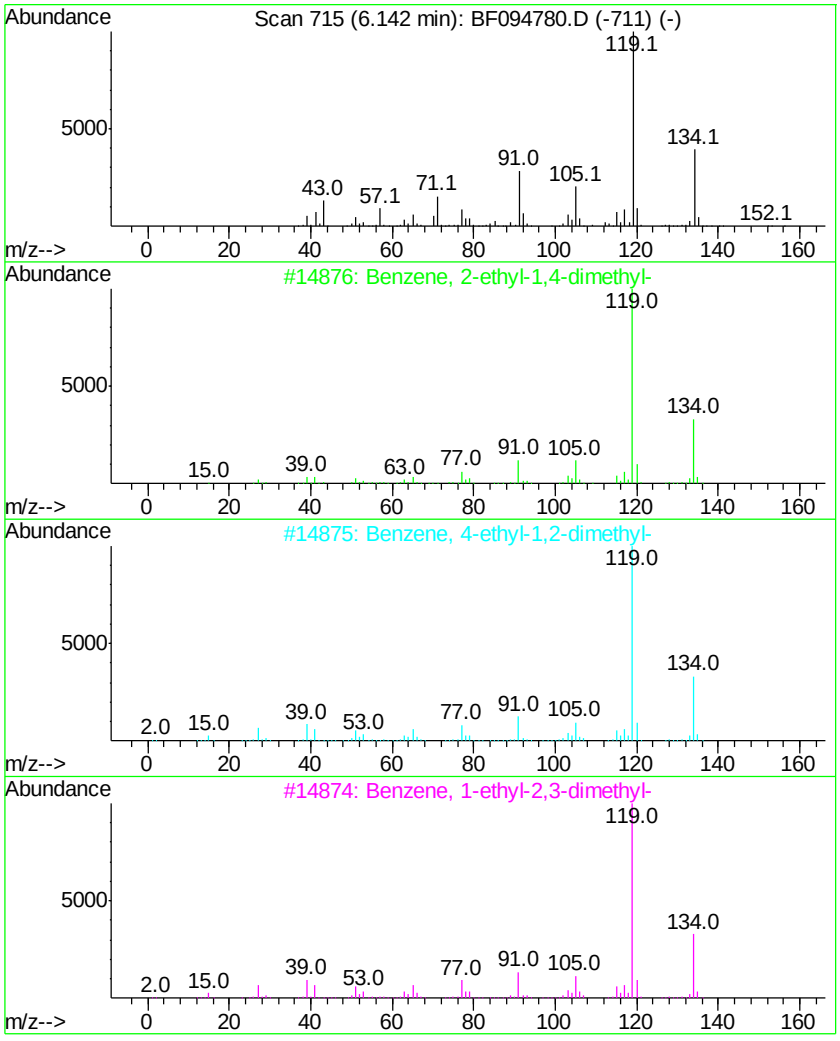
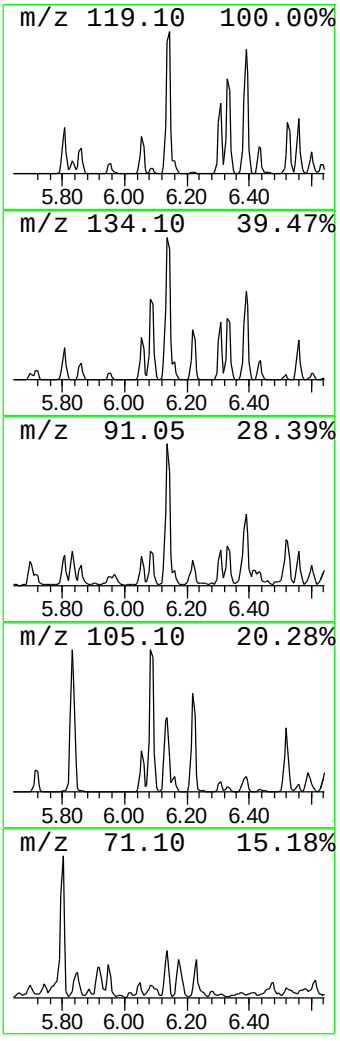
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	44.14 ng	1382160	1,4-Dichlorobenzene-d4	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	92
4	o-Cymene	134	C10H14	000527-84-4	86
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76





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Acq On : 2 May 2017 5:57
Operator : SJ/MA
Sample : I2892-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AST-N(2.5-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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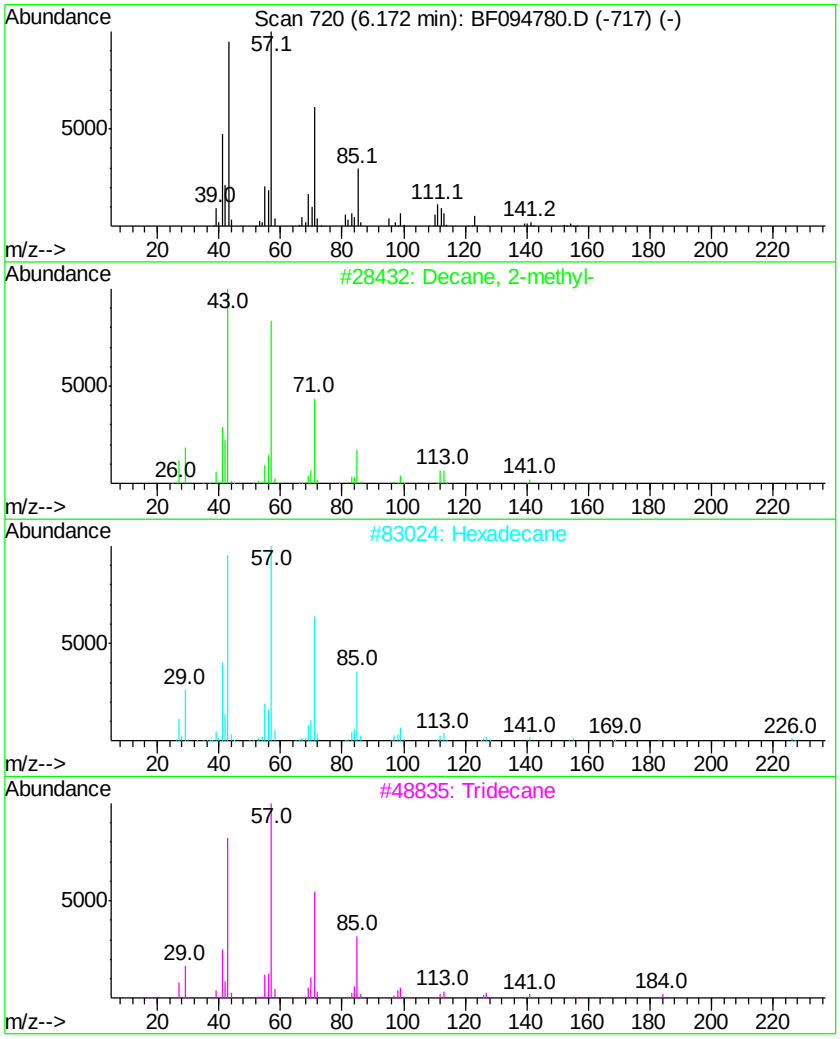
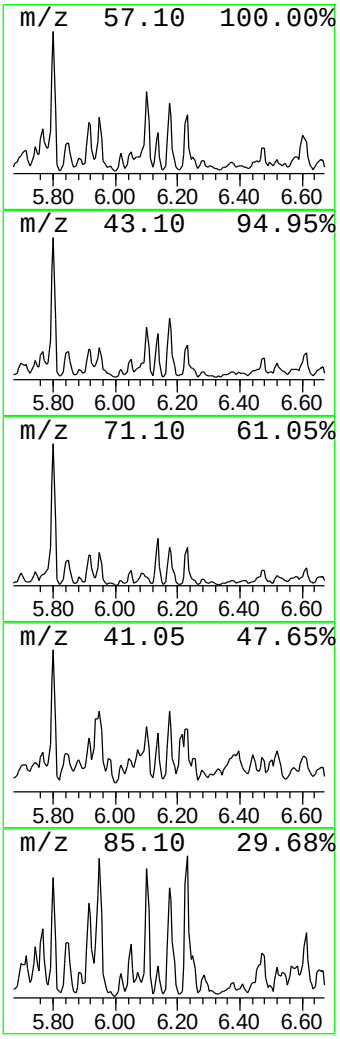
Peak Number 14 Decane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	23.08 ng	722720	1,4-Dichlorobenzene-d4	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	64
2	Hexadecane	226	C16H34	000544-76-3	53
3	Tridecane	184	C13H28	000629-50-5	50
4	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	50
5	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	50





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Instrument : BNA_F
ClientSampleId : AST-N(2.5-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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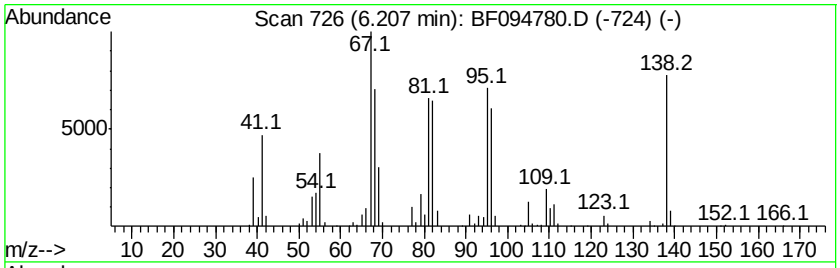
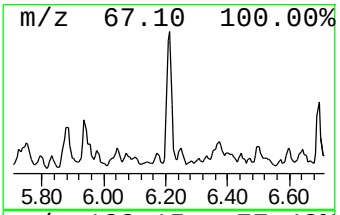
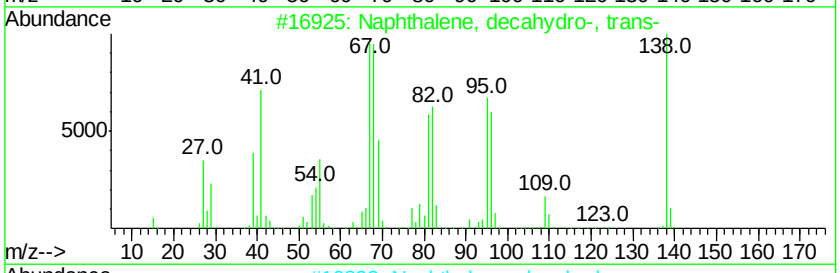
Peak Number 15 Naphthalene, decahydro-, tr... Concentration Rank 4

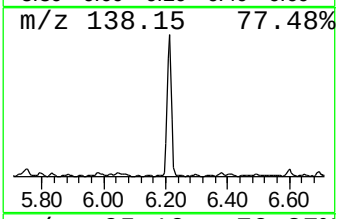
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	47.51 ng	1487610	1,4-Dichlorobenzene-d4	5.76

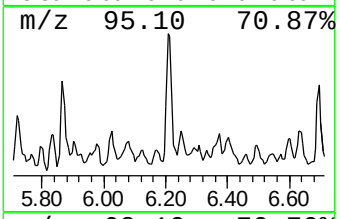
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	97
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	95
3	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	86
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	81
5	Spiro[4.5]decane	138	C10H18	000176-63-6	81

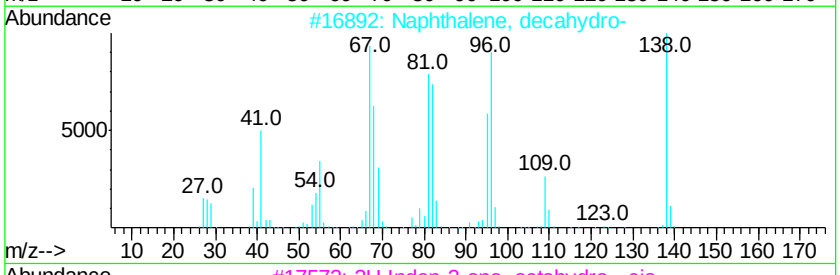


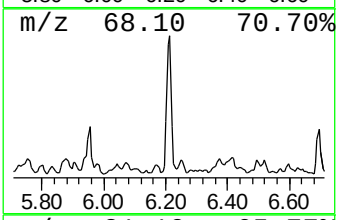


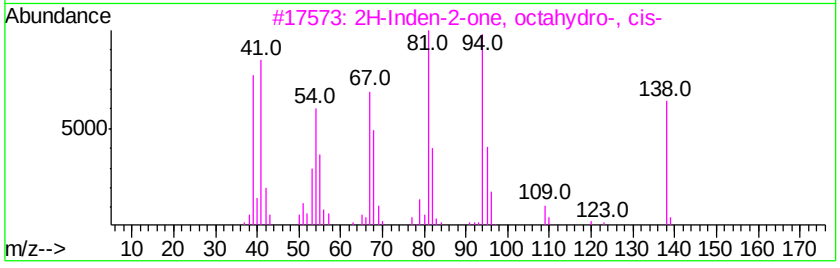


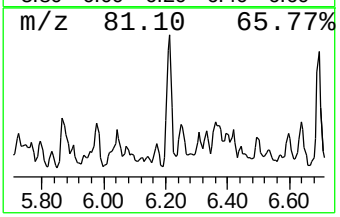












Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094780.D
Acq On : 2 May 2017 5:57
Operator : SJ/MA
Sample : I2892-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AST-N(2.5-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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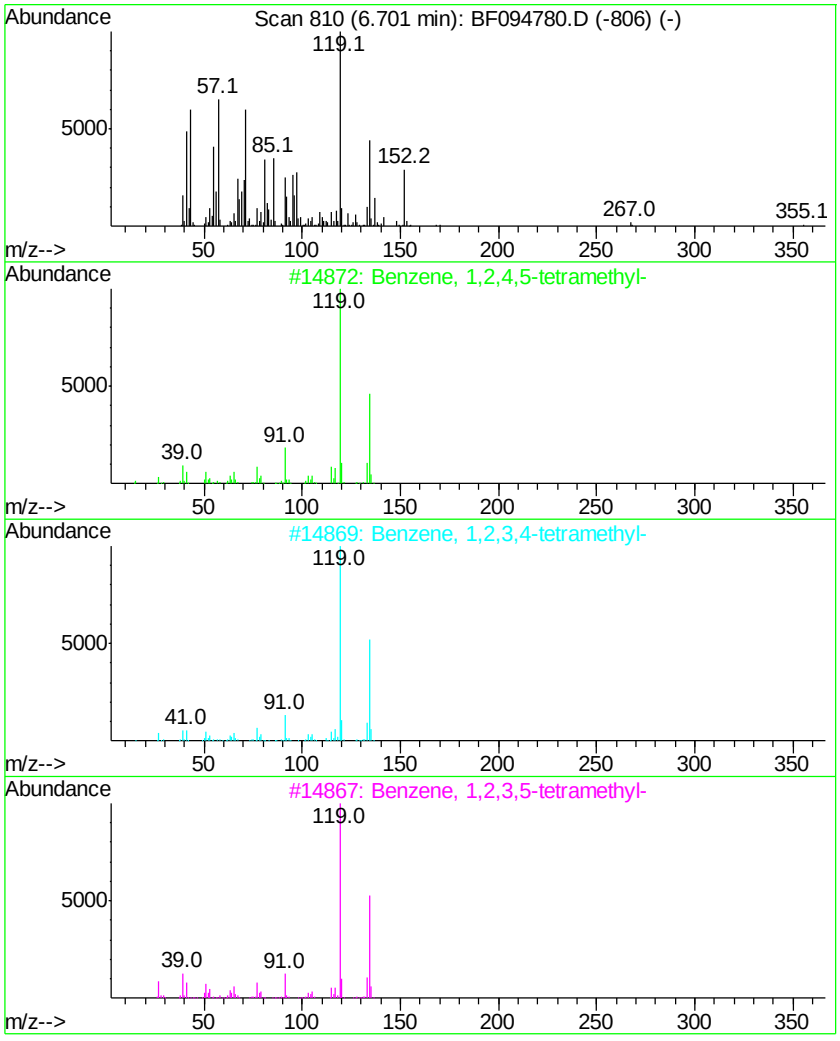
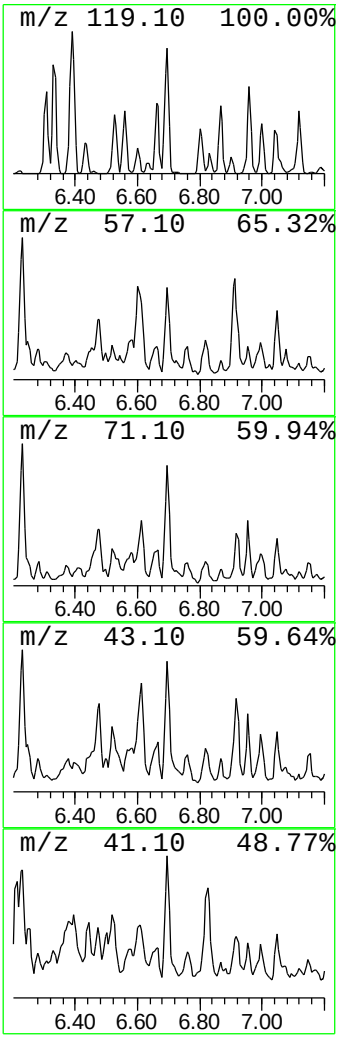
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	20.38 ng	1406550	Naphthalene-d8	7.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
4	p-Cymene	134	C10H14	000099-87-6	90
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90





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Data File : BF094780.D
Acq On : 2 May 2017 5:57
Operator : SJ/MA
Sample : I2892-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AST-N(2.5-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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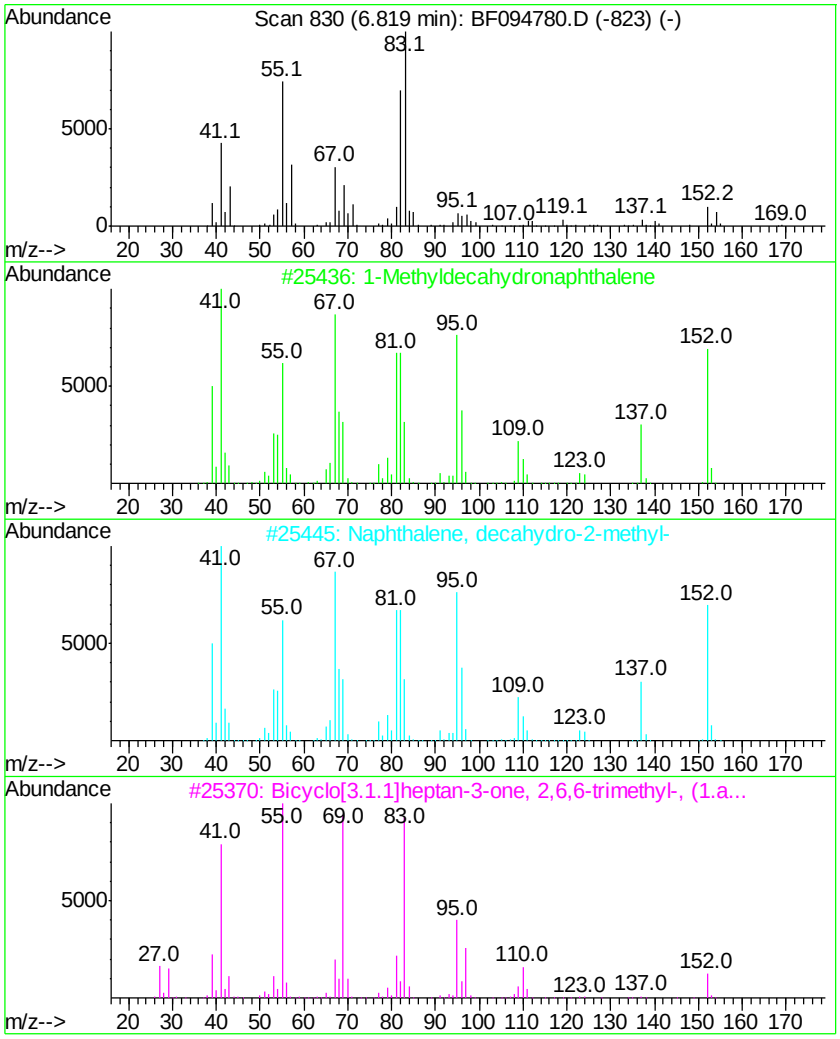
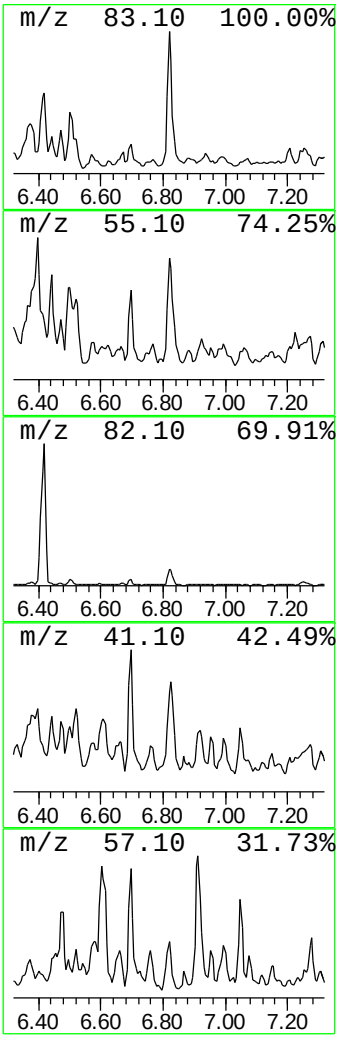
Peak Number 17 1-Methyldecahydronaphthalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	20.09 ng	1386680	Naphthalene-d8	7.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	55
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	55
3	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	46
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	46
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094780.D
Acq On : 2 May 2017 5:57
Operator : SJ/MA
Sample : I2892-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AST-N(2.5-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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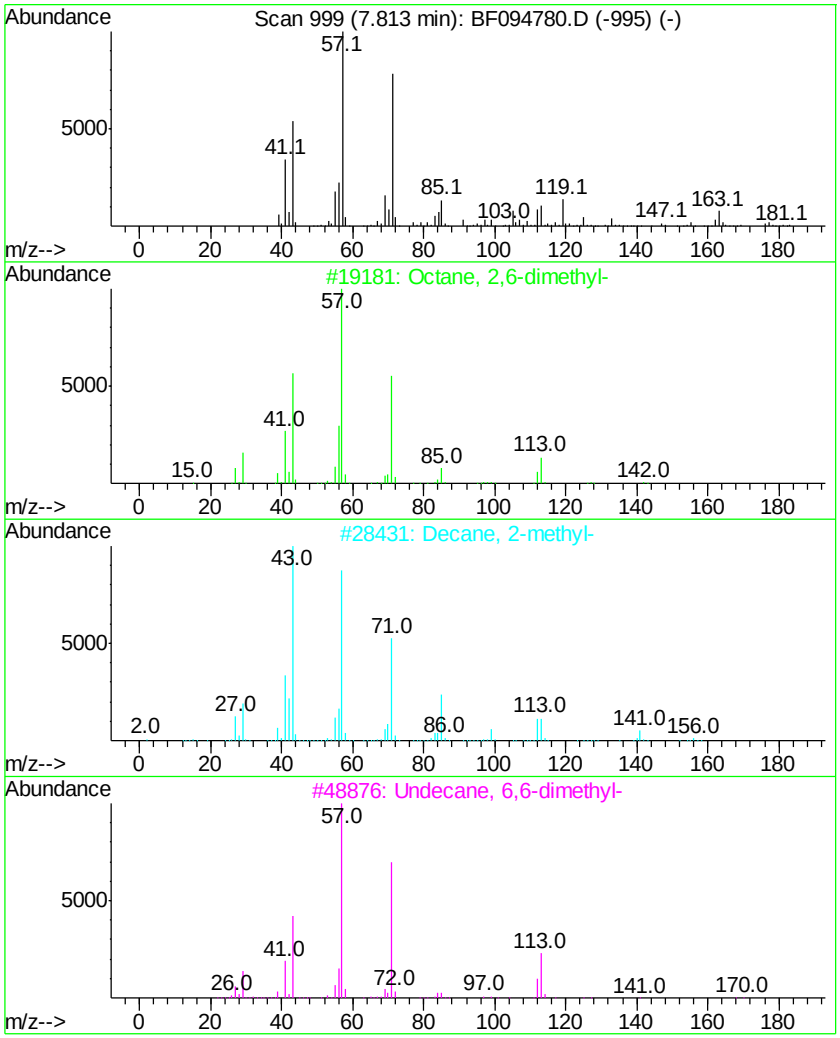
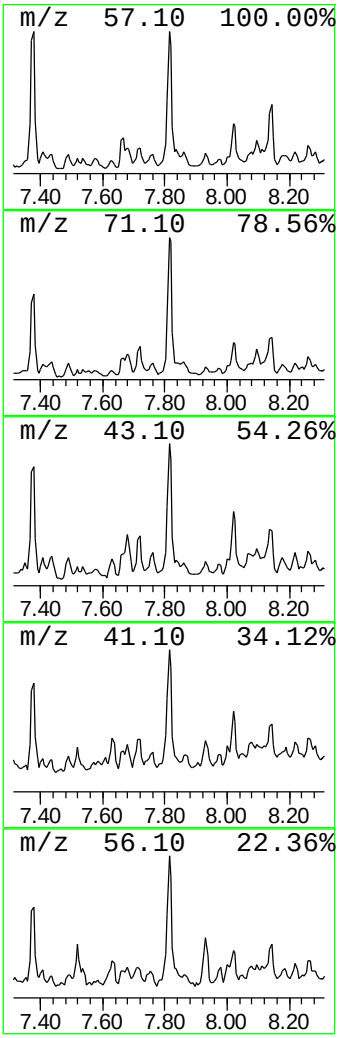
Peak Number 18 Octane, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	18.54 ng	1279420	Naphthalene-d8	7.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
2	Decane, 2-methyl-	156	C11H24	006975-98-0	64
3	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59
5	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	59





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Data File : BF094780.D
Acq On : 2 May 2017 5:57
Operator : SJ/MA
Sample : I2892-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AST-N(2.5-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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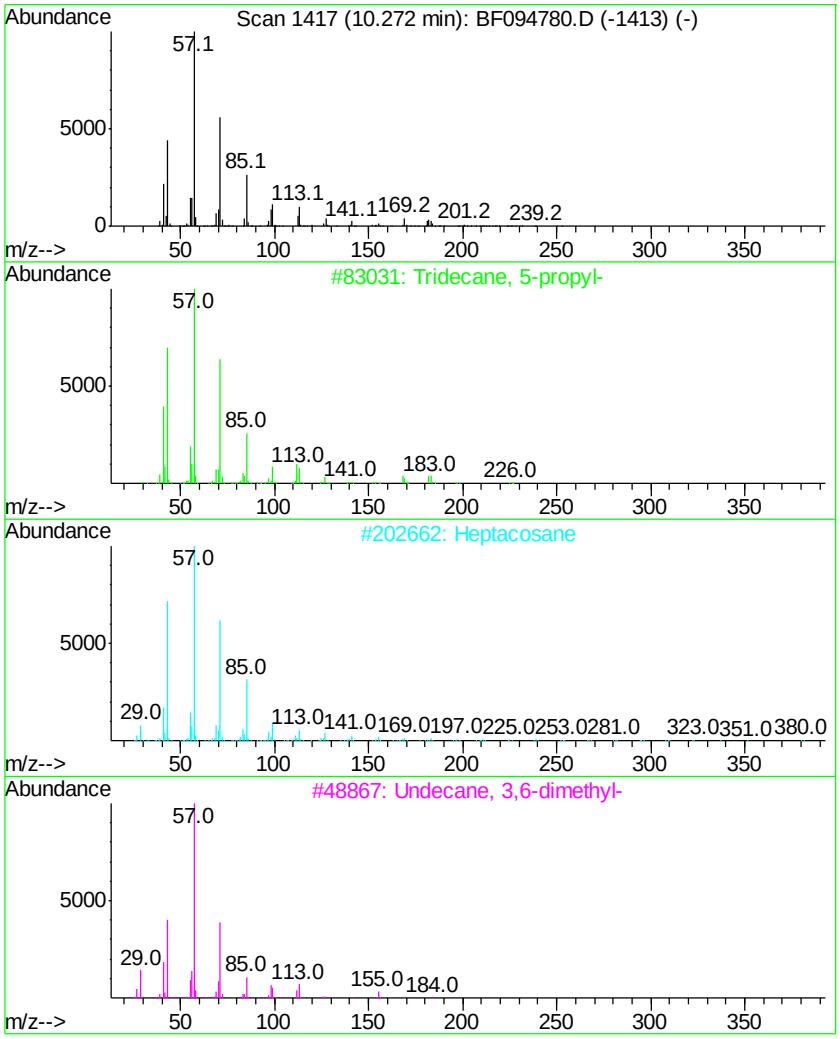
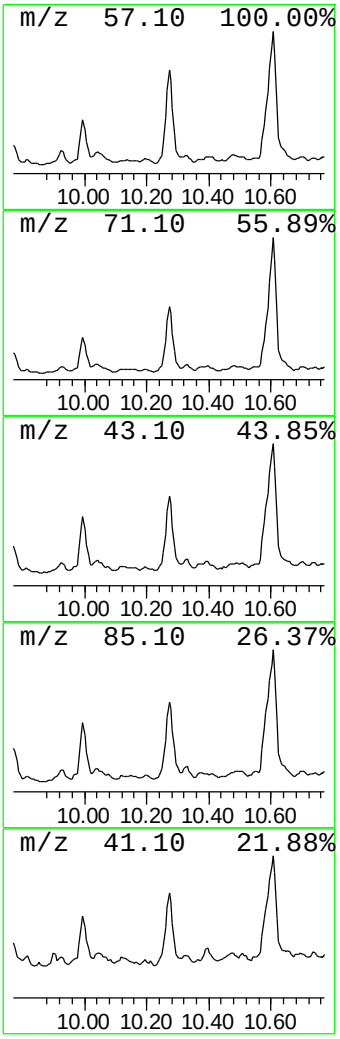
Peak Number 19 Tridecane, 5-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	39.69 ng	2520840	Acenaphthene-d10	9.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	93
2	Heptacosane	380	C27H56	000593-49-7	78
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
4	Hexadecane	226	C16H34	000544-76-3	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050117\
Data File : BF094780.D
Acq On : 2 May 2017 5:57
Operator : SJ/MA
Sample : I2892-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AST-N(2.5-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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
2-Pentanone, 4-hy...	3.92	23.6	ng	740565	1	5.76	626217	20.0
Oxalic acid, ally...	4.94	28.7	ng	899029	1	5.76	626217	20.0
Undecane, 5,6-dim...	5.15	19.4	ng	606509	1	5.76	626217	20.0
Cyclohexane, 1,2,...	5.24	29.9	ng	937099	1	5.76	626217	20.0
Nonane, 3-methyl-	5.32	33.5	ng	1047550	1	5.76	626217	20.0
Cyclohexane, 1-me...	5.48	23.4	ng	731364	1	5.76	626217	20.0
unknown5.52	5.52	96.7	ng	3029140	1	5.76	626217	20.0
Benzene, 1,2,3-tr...	5.57	22.7	ng	711889	1	5.76	626217	20.0
Oxirane, [(dodecy...	5.60	23.3	ng	730030	1	5.76	626217	20.0
Mesitylene	5.83	37.7	ng	1180380	1	5.76	626217	20.0
Benzene, 1-methyl...	6.08	49.5	ng	1548660	1	5.76	626217	20.0
Benzene, 2-ethyl-...	6.14	44.1	ng	1382160	1	5.76	626217	20.0
Decane, 2-methyl-	6.17	23.1	ng	722720	1	5.76	626217	20.0
Naphthalene, deca...	6.21	47.5	ng	1487610	1	5.76	626217	20.0
Benzene, 1,2,4,5-...	6.70	20.4	ng	1406550	2	7.25	1380170	20.0
1-Methyldecahydro...	6.82	20.1	ng	1386680	2	7.25	1380170	20.0
Octane, 2,6-dimet...	7.81	18.5	ng	1279420	2	7.25	1380170	20.0
Tridecane, 5-propyl-	10.27	39.7	ng	2520840	3	9.40	1270390	20.0