LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094892.D
Acq On : 5 May 2017 00:55
Operator : SJ/MA
Sample : I2930-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-COMP

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-BF050217.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	4.878	494	500	505	rVB2	86550	144887	1.27%	0.074%
2	4.954	505	513	518	rBV	82591	124333	1.09%	0.064%
3	5.007	518	522	539	rVV	213264	382493	3.35%	0.196%
4	5.431	588	594	597	rBV	82139	118599	1.04%	0.061%
5	5.578	615	619	624	rVB	148934	213878	1.87%	0.110%
6	5.660	629	633	647	rBV	1195244	1807260	15.84%	0.927%
7	5.813	652	659	664	rVV2	92013	170171	1.49%	0.087%
8	5.884	664	671	675	rVB	131427	197469	1.73%	0.101%
9	5.948	675	682	687	rBV3	93858	165119	1.45%	0.085%
10	6.072	694	703	713	rBV	224993	315957	2.77%	0.162%
11	6.201	713	725	731	rBV5	134445	336178	2.95%	0.172%
12	6.325	739	746	754	rBV3	76223	176270	1.54%	0.090%
13	6.401	754	759	762	rBV3	134388	223109	1.96%	0.114%
14	6.443	762	766	770	rVB2	169404	229753	2.01%	0.118%
15	6.513	770	778	780	rBV4	91177	171720	1.50%	0.088%
16	6.560	783	786	789	rVV	269869	371140	3.25%	0.190%
17	6.595	789	792	799	rVB	616284	867041	7.60%	0.445%
18	6.678	799	806	812	rBV3	297149	496849	4.35%	0.255%
19	6.737	812	816	821	rVB4	71675	118240	1.04%	0.061%
20	6.890	837	842	848	rVB2	382217	535340	4.69%	0.275%
21	6.995	851	860	865	rBV3	697724	1574986	13.80%	0.808%
22	7.048	865	869	872	rVV	495851	618380	5.42%	0.317%
23	7.137	877	884	888	rBV2	491427	829555	7.27%	0.426%
24	7.190	888	893	899	rBV5	221506	411301	3.60%	0.211%
25	7.260	899	905	912	rVB	1417478	1826383	16.01%	0.937%
26	7.337	912	918	920	rBV	447464	636674	5.58%	0.327%
27	7.378	920	925	931	rVB	1450712	2329858	20.42%	1.195%
28	7.460	936	939	942	rVB	365474	357425	3.13%	0.183%
29	7.531	946	951	961	rVB2	1091314	1687382	14.79%	0.866%
30	7.642	963	970	971	rBV6	119010	213927	1.87%	0.110%
31	7.666	971	974	981	rBV4	243902	534240	4.68%	0.274%
32	7.725	981	984	988	rVV2	361845	499662	4.38%	0.256%
33	7.766	988	991	995	rVB	329107	373786	3.28%	0.192%
34	7.819	995	1000	1005	rVB	1992539	2552416	22.37%	1.309%

LSC Area Percent Report

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Acq On : 5 May 2017 00:55
Operator : SJ/MA
Sample : I2930-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-COMP

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-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.878	1005	1010	1015	rBV4	502261	1008067	8.83%	0.517%
36	8.148	1044	1056	1060	rBV4	913970	1792867	15.71%	0.920%
37	8.189	1060	1063	1068	rVB2	246295	354113	3.10%	0.182%
38	8.242	1068	1072	1077	rBV4	761345	1764329	15.46%	0.905%
39	8.284	1077	1079	1083	rVB2	732458	792259	6.94%	0.406%
40	8.331	1083	1087	1096	rVB3	1056311	1897131	16.63%	0.973%
41	8.413	1096	1101	1109	rBV2	762233	1201999	10.53%	0.617%
42	8.489	1110	1114	1117	rBV2	335519	474799	4.16%	0.244%
43	8.525	1117	1120	1123	rBV3	303859	385548	3.38%	0.198%
44	8.566	1123	1127	1130	rVB2	289843	382641	3.35%	0.196%
45	8.607	1130	1134	1141	rBV4	1741377	3861241	33.84%	1.981%
46	8.678	1141	1146	1151	rVB4	450014	877883	7.69%	0.450%
47	8.760	1155	1160	1163	rBV	2182939	3362787	29.47%	1.725%
48	8.831	1169	1172	1174	rVB	201692	195313	1.71%	0.100%
49	8.942	1185	1191	1194	rBV5	718410	1449881	12.71%	0.744%
50	8.984	1194	1198	1199	rBV	819752	1027496	9.00%	0.527%
51	9.054	1207	1210	1217	rVB2	888792	1253659	10.99%	0.643%
52	9.142	1222	1225	1227	rBV2	258459	284549	2.49%	0.146%
53	9.184	1227	1232	1237	rBV2	1361879	3156103	27.66%	1.619%
54	9.254	1241	1244	1252	rVB3	1070829	1784648	15.64%	0.915%
55	9.360	1256	1262	1268	rBV4	2179779	5735027	50.26%	2.942%
56	9.407	1268	1270	1273	rVV2	610222	857873	7.52%	0.440%
57	9.442	1273	1276	1278	rVV3	811692	1191632	10.44%	0.611%
58	9.466	1278	1280	1284	rVV2	946096	1254864	11.00%	0.644%
59	9.536	1284	1292	1297	rVV7	811266	2103151	18.43%	1.079%
60	9.607	1300	1304	1312	rVB	652520	1463531	12.83%	0.751%
61	9.784	1322	1334	1338	rBV3	2509514	8949830	78.43%	4.591%
62	9.854	1341	1346	1356	rVB3	2762758	8383744	73.47%	4.301%
63	9.983	1361	1368	1376	rVV2	2648445	6938542	60.81%	3.559%
64	10.054	1377	1380	1385	rVV6	682886	1148563	10.07%	0.589%
65	10.136	1388	1394	1404	rVB5	1276976	3089965	27.08%	1.585%
66	10.242	1408	1412	1418	rVV3	1321720	2786172	24.42%	1.429%
67	10.307	1419	1423	1433	rVV5	840889	2352221	20.61%	1.207%
68	10.425	1435	1443	1452	rVV2	1286883	4028909	35.31%	2.067%
69	10.589	1466	1471	1472	rBV	1161001	1978363	17.34%	1.015%
70	10.866	1513	1518	1524	rVB2	1763025	4226974	37.04%	2.168%
71	10.966	1525	1535	1539	rVB	3552328	10752515	94.23%	5.516%

LSC Area Percent Report

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Acq On : 5 May 2017 00:55
Operator : SJ/MA
Sample : I2930-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-COMP

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-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.113	1552	1560	1565	rBV	3329360	8461396	74.15%	4.341%
73	12.007	1699	1712	1719	rVB3	2553178	11308824	99.11%	5.801%
74	12.148	1722	1736	1739	rBV2	2677669	11410730	100.00%	5.853%
75	12.425	1778	1783	1788	rVB3	1504626	3215029	28.18%	1.649%
76	14.313	2094	2104	2109	rBV3	2777768	8384877	73.48%	4.301%
77	15.042	2222	2228	2231	rBV2	2334002	4340974	38.04%	2.227%
78	15.560	2312	2316	2321	rVV4	1302474	2019383	17.70%	1.036%
79	15.636	2325	2329	2332	rVB	1185347	1355573	11.88%	0.695%
80	15.771	2348	2352	2355	rBV	1681231	1971120	17.27%	1.011%
81	15.818	2355	2360	2362	rVV	1555617	2471306	21.66%	1.268%
82	15.860	2362	2367	2374	rVB	2125591	3698653	32.41%	1.897%
83	15.965	2381	2385	2388	rBV	1433192	2122990	18.61%	1.089%
84	16.207	2423	2426	2433	rBV3	720897	1361219	11.93%	0.698%
85	16.489	2471	2474	2477	rBV	651885	599473	5.25%	0.308%
86	16.595	2487	2492	2495	rBV	1408526	1991335	17.45%	1.022%
87	16.718	2507	2513	2515	rBV2	2664280	3941516	34.54%	2.022%
88	16.754	2515	2519	2522	rVV	3194099	4063881	35.61%	2.085%
89	16.865	2535	2538	2543	rVB2	1158379	1312604	11.50%	0.673%
90	16.948	2549	2552	2561	rVB2	738330	1067246	9.35%	0.547%
91	17.048	2567	2569	2573	rVB3	202153	207784	1.82%	0.107%
92	17.230	2598	2600	2603	rVB	210877	174568	1.53%	0.090%
93	17.312	2610	2614	2618	rVB	1325599	1507099	13.21%	0.773%
94	17.812	2697	2699	2702	rBV	121186	134601	1.18%	0.069%
95	18.077	2741	2744	2751	rVB2	265058	330168	2.89%	0.169%
96	18.348	2787	2790	2803	rVB6	151237	289929	2.54%	0.149%
97	18.548	2821	2824	2828	rBV	96518	120306	1.05%	0.062%
98	18.642	2836	2840	2843	rBV	438767	475843	4.17%	0.244%
99	20.300	3118	3122	3128	rBV	391077	441039	3.87%	0.226%

Sum of corrected areas: 194940436

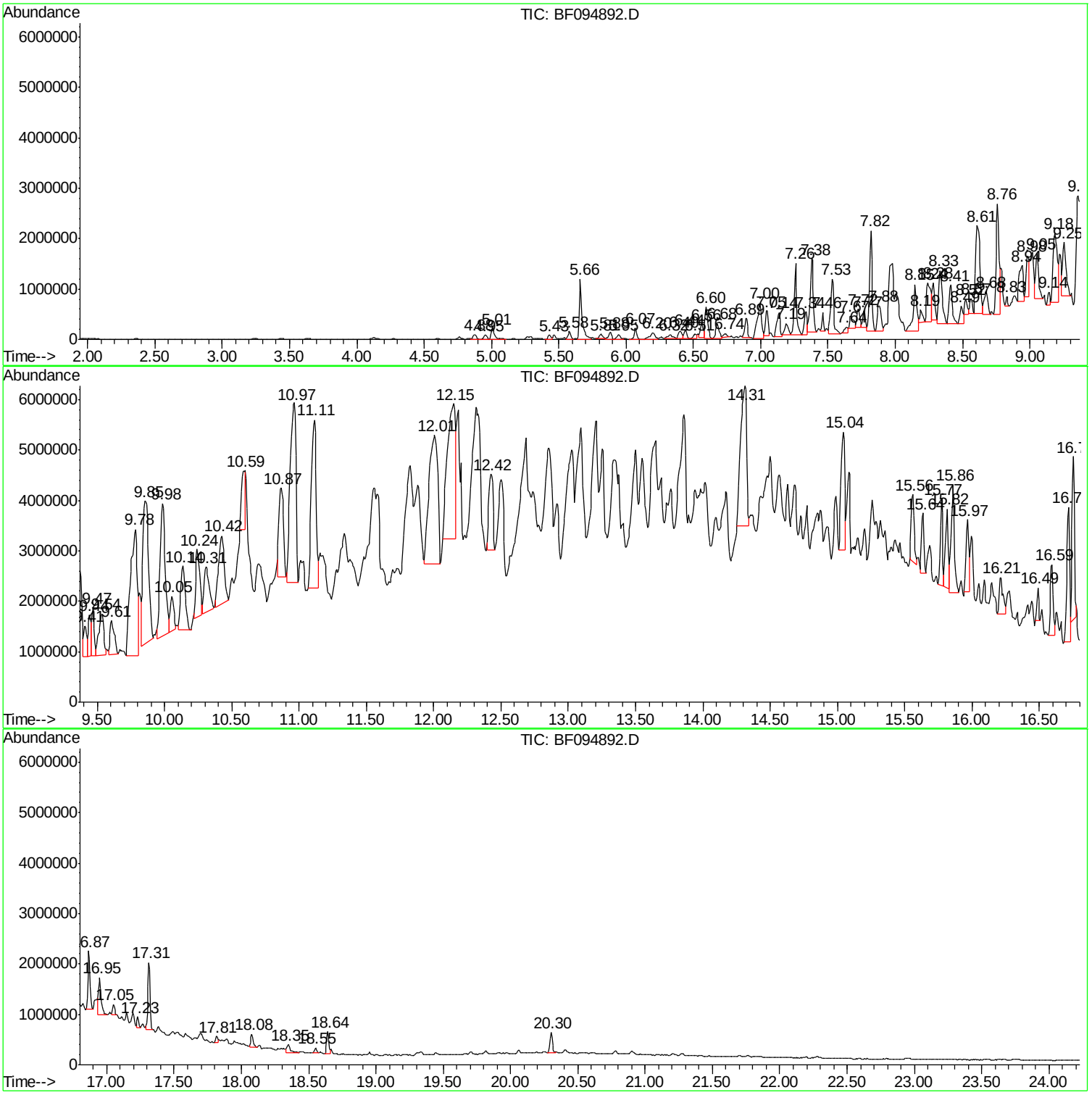
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094892.D
Acq On : 5 May 2017 00:55
Operator : SJ/MA
Sample : I2930-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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:\HPCHEM1\BNA_F\DATA\BF050417\
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Acq On : 5 May 2017 00:55
Operator : SJ/MA
Sample : I2930-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

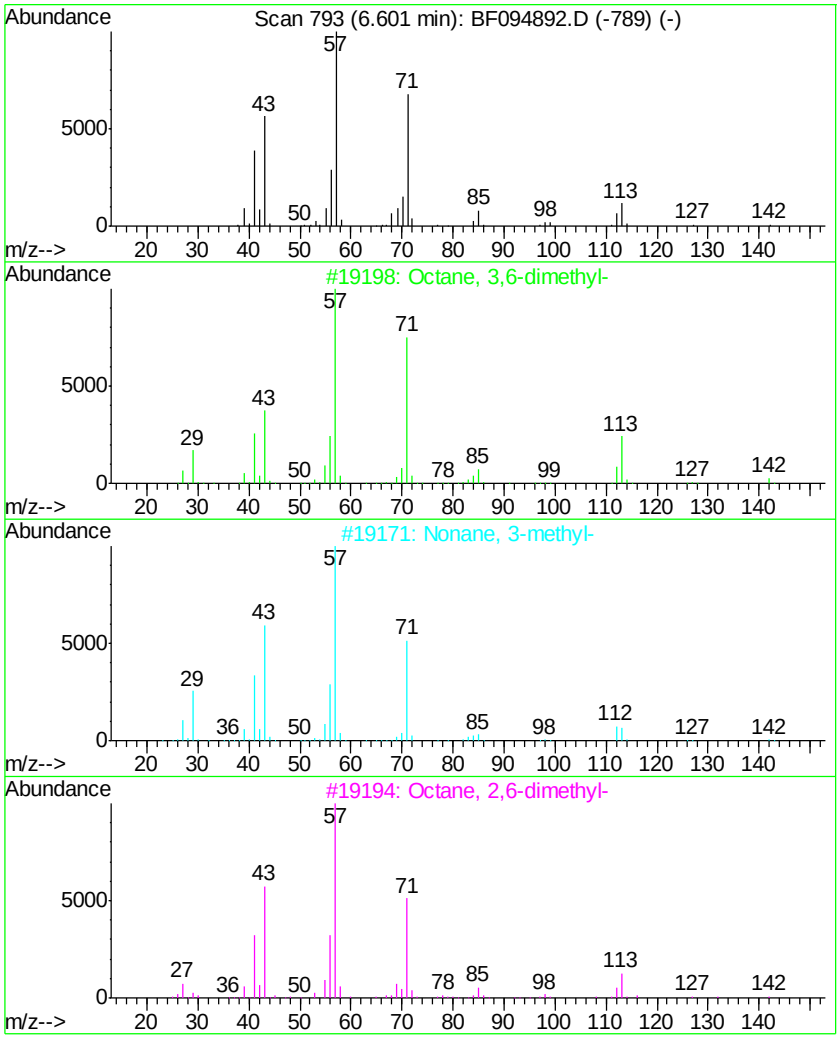
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

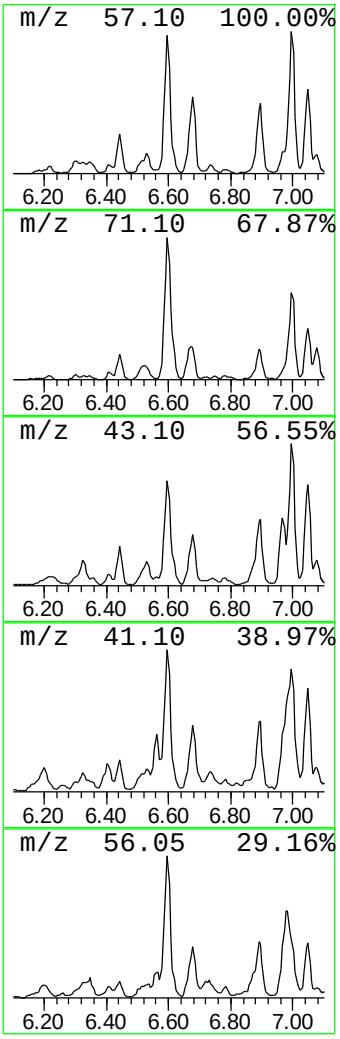
****

Peak Number 1 Octane, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	34.71 ng	867041	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094892.D
Acq On : 5 May 2017 00:55
Operator : SJ/MA
Sample : I2930-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

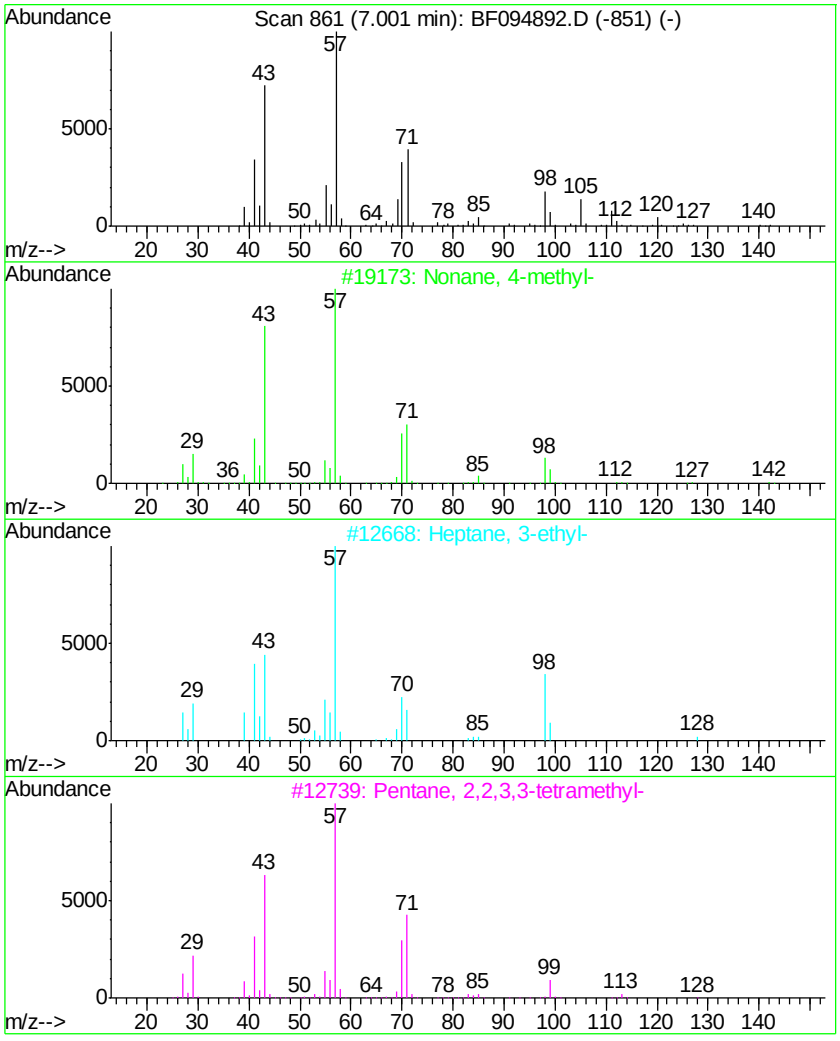
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

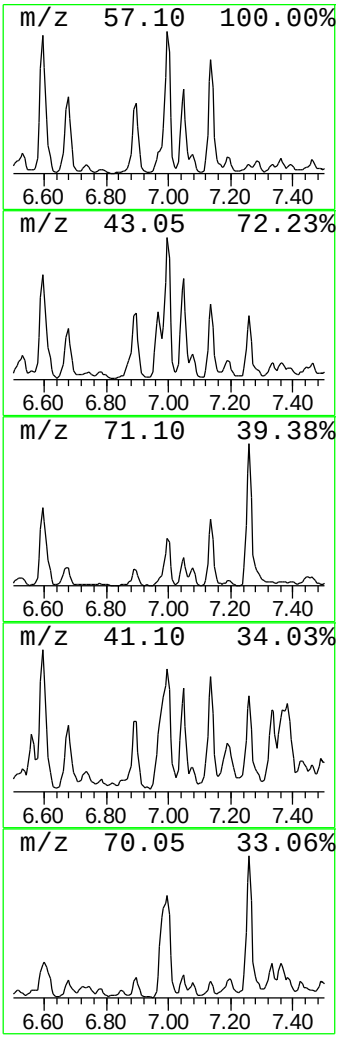
****

Peak Number 2 Nonane, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	63.04 ng	1574990	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
2	Heptane, 3-ethyl-	128	C9H20	015869-80-4	50
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	50
4	Ether, butyl isopentyl	144	C9H20O	017071-52-2	43
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094892.D
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Sample : I2930-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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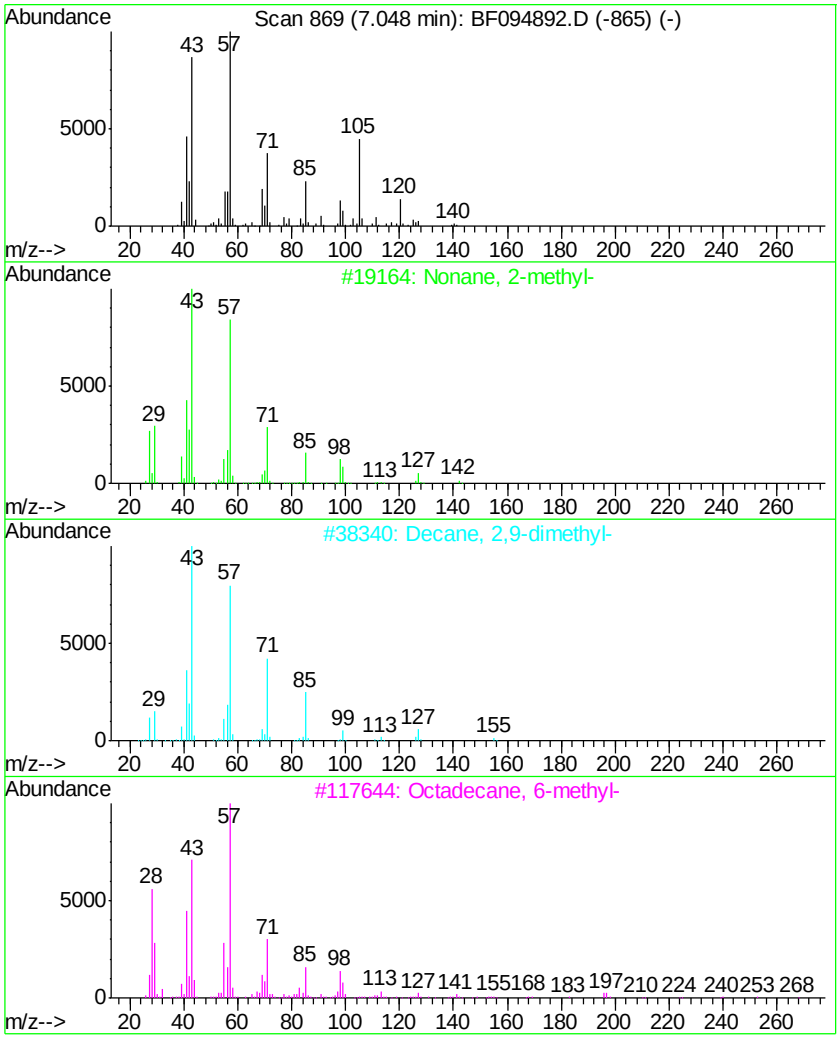
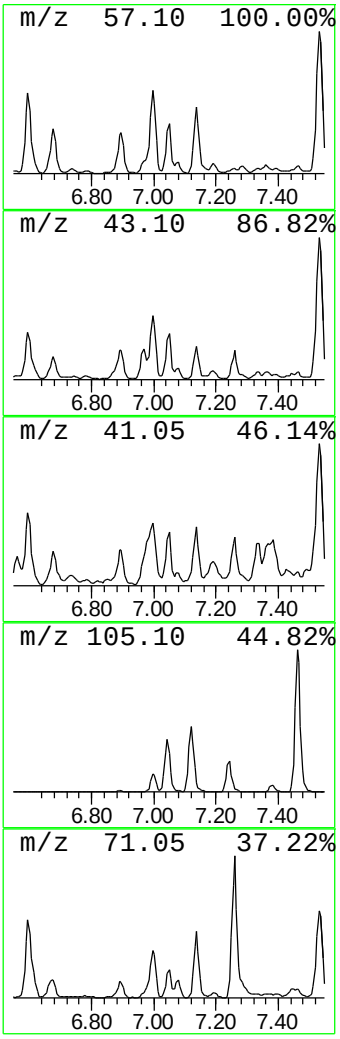
Peak Number 3 Nonane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	24.75 ng	618380	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	53
2	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	47
3	Octadecane, 6-methyl-	268	C19H40	010544-96-4	43
4	Decane, 2-methyl-	156	C11H24	006975-98-0	43
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
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Acq On : 5 May 2017 00:55
Operator : SJ/MA
Sample : I2930-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

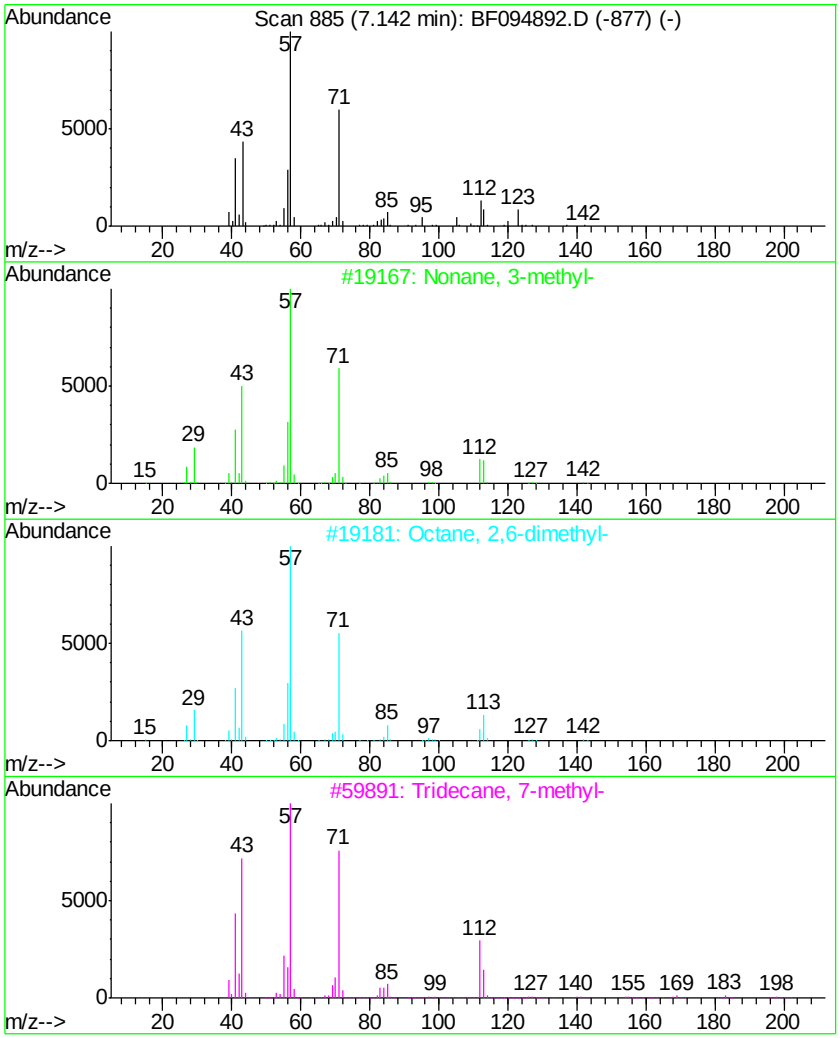
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

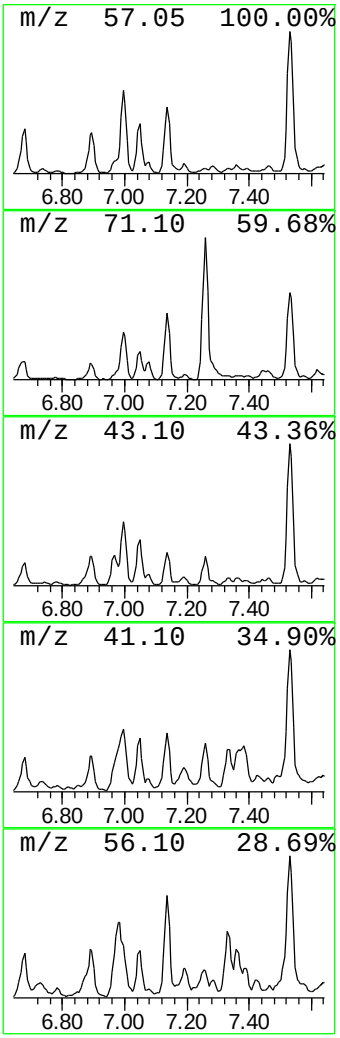
****

Peak Number 4 Nonane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	33.20 ng	829555	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	94
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	68
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094892.D
Acq On : 5 May 2017 00:55
Operator : SJ/MA
Sample : I2930-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

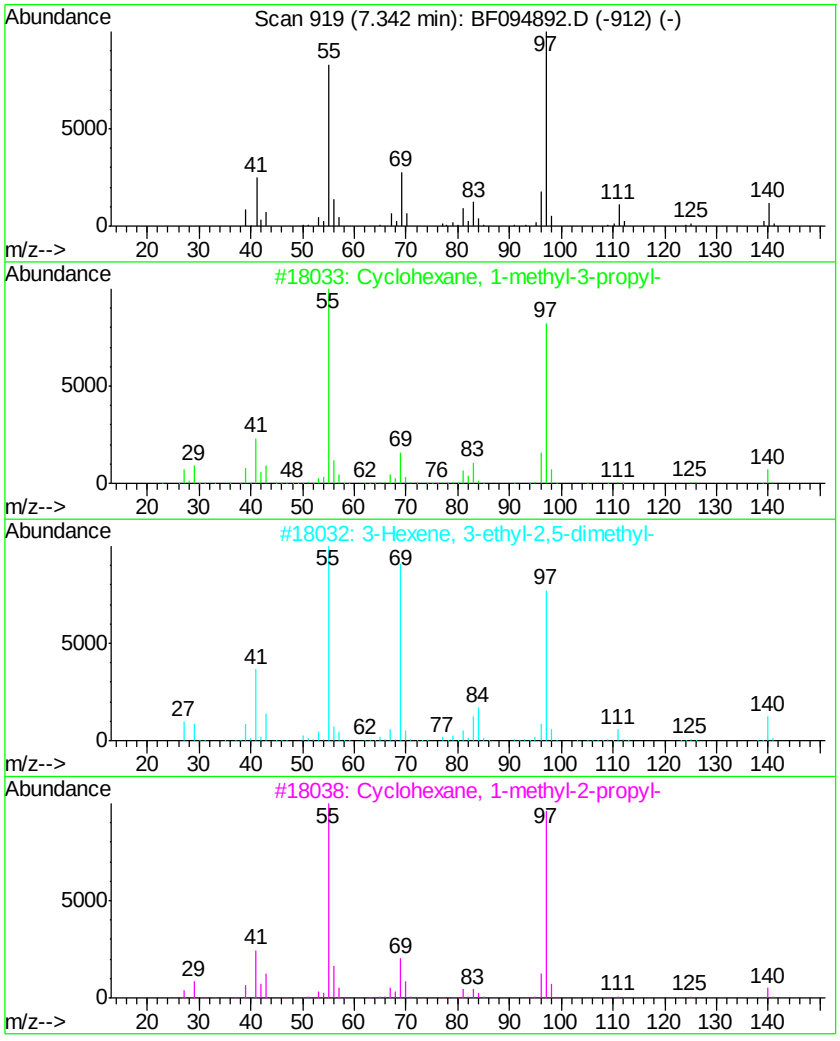
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

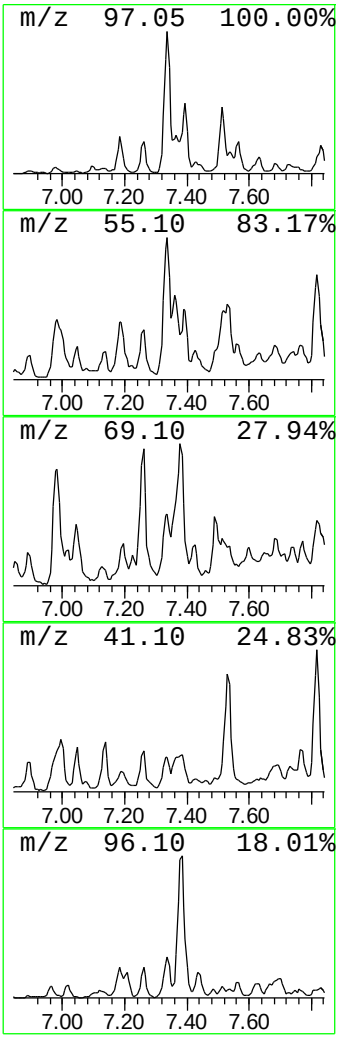
****

Peak Number 5 Cyclohexane, 1-methyl-3-pro... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	25.48 ng	636674	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	90
2	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	80
3	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	74
4	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	72
5	Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1000309-22-7	72





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Acq On : 5 May 2017 00:55
Operator : SJ/MA
Sample : I2930-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

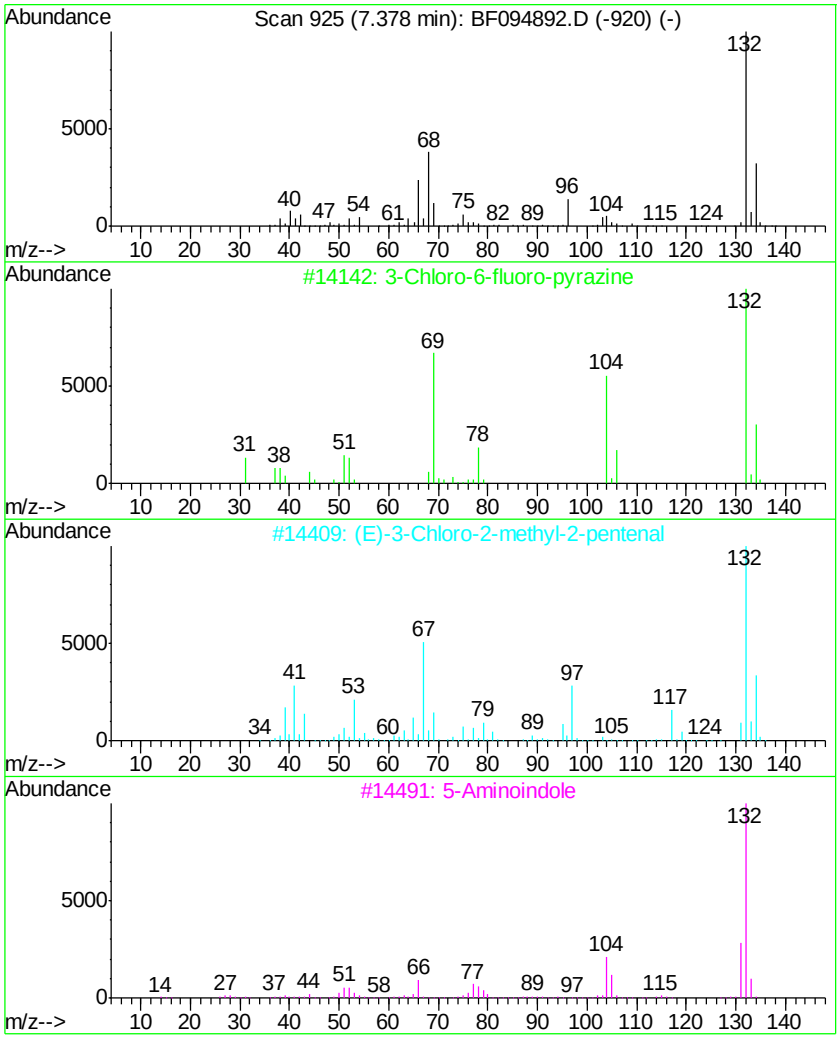
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

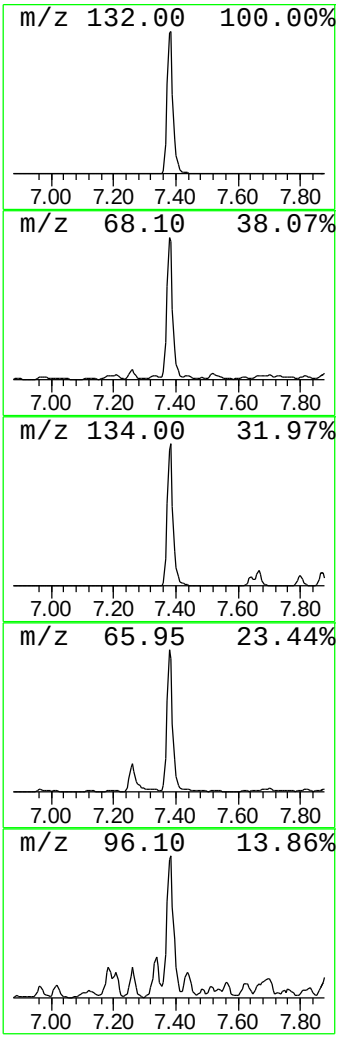
****

Peak Number 6 unknown7.38 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	93.26 ng	2329860	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : I2930-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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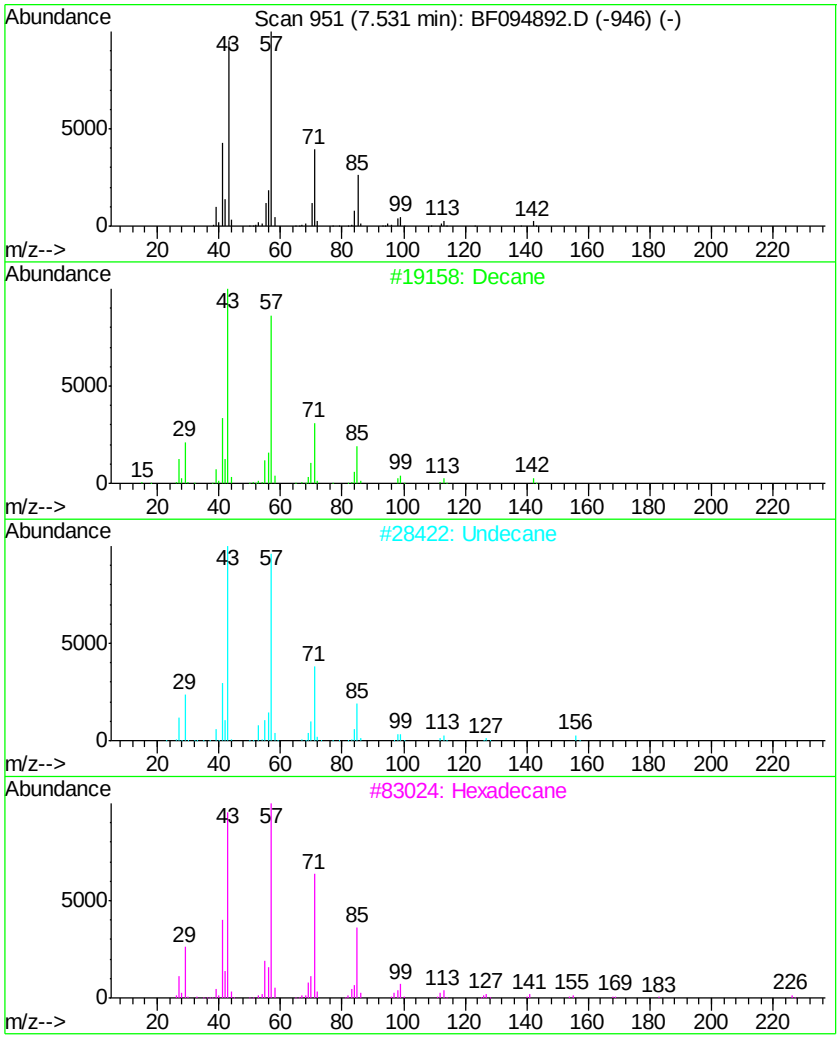
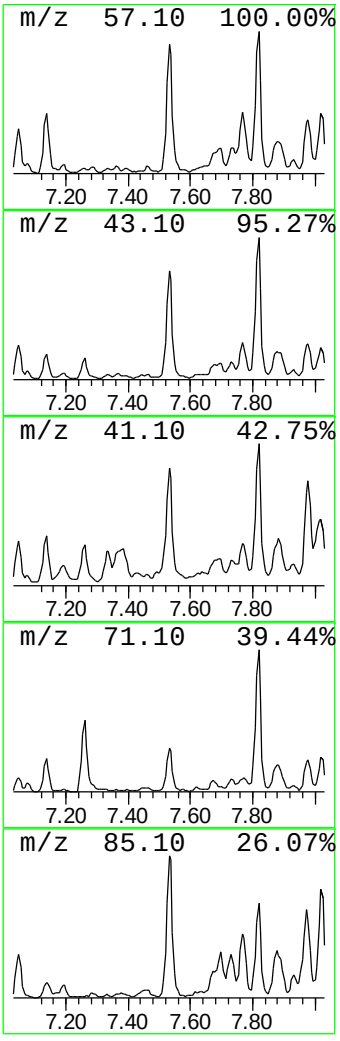
Peak Number 7 Decane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	67.54 ng	1687380	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	90
2	Undecane	156	C11H24	001120-21-4	90
3	Hexadecane	226	C16H34	000544-76-3	83
4	Pentadecane	212	C15H32	000629-62-9	78
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72





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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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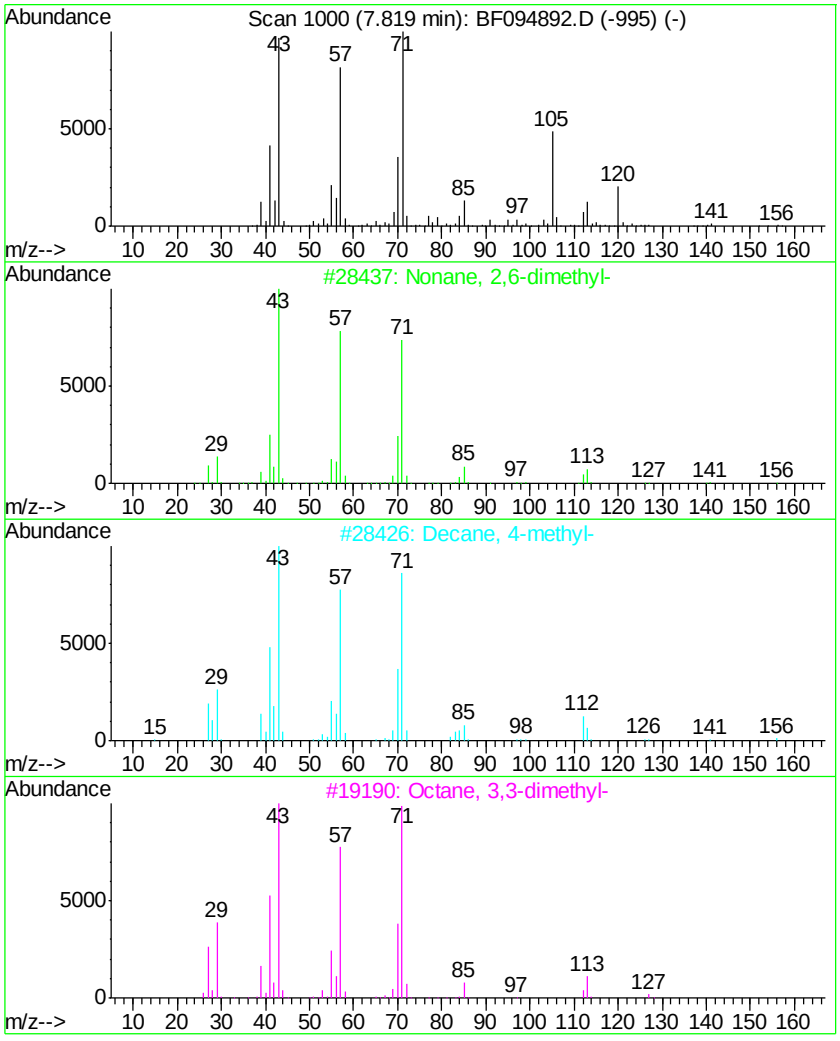
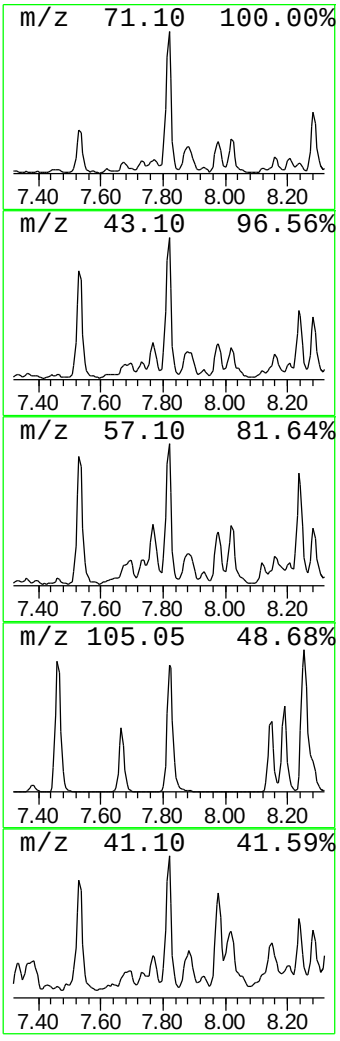
Peak Number 8 Nonane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	102.17 ng	2552420	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	90
2	Decane, 4-methyl-	156	C11H24	002847-72-5	59
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	59
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52





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

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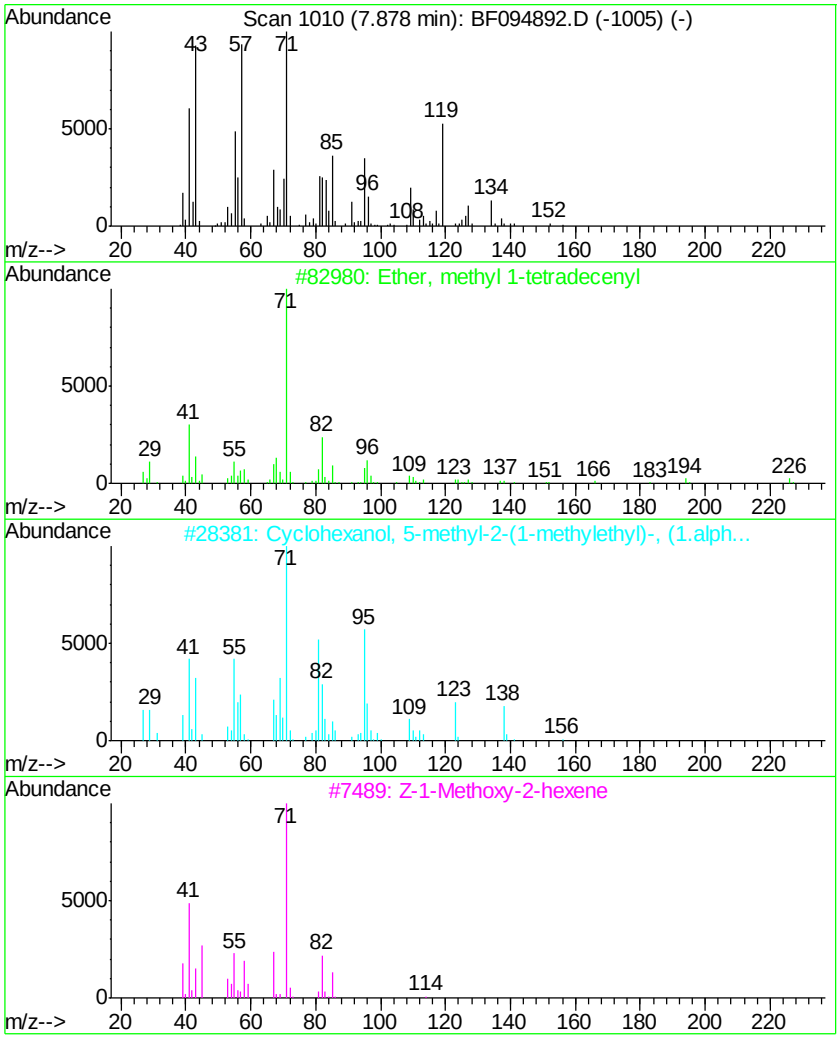
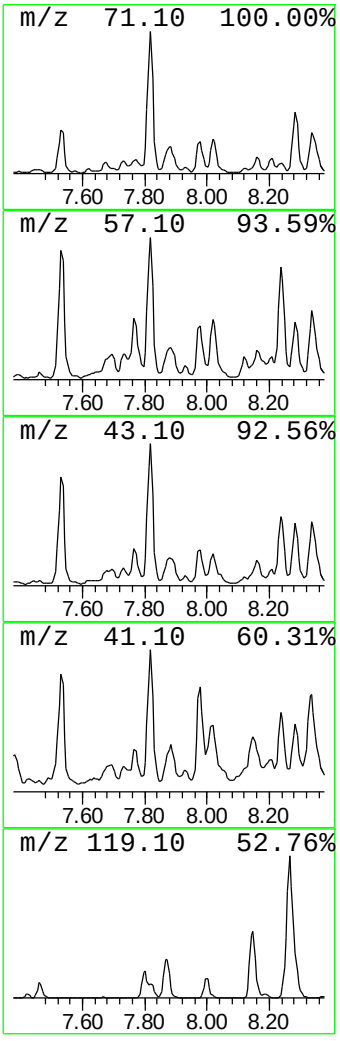
Peak Number 9 unknown7.88 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	40.35 ng	1008070	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, methyl 1-tetradecenyl	226	C15H30O	026537-05-3	43
2	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	43
3	Z-1-Methoxy-2-hexene	114	C7H14O	1000279-60-9	30
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	30
5	o-Cymene	134	C10H14	000527-84-4	25





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ClientSampleId : RO-1-COMP

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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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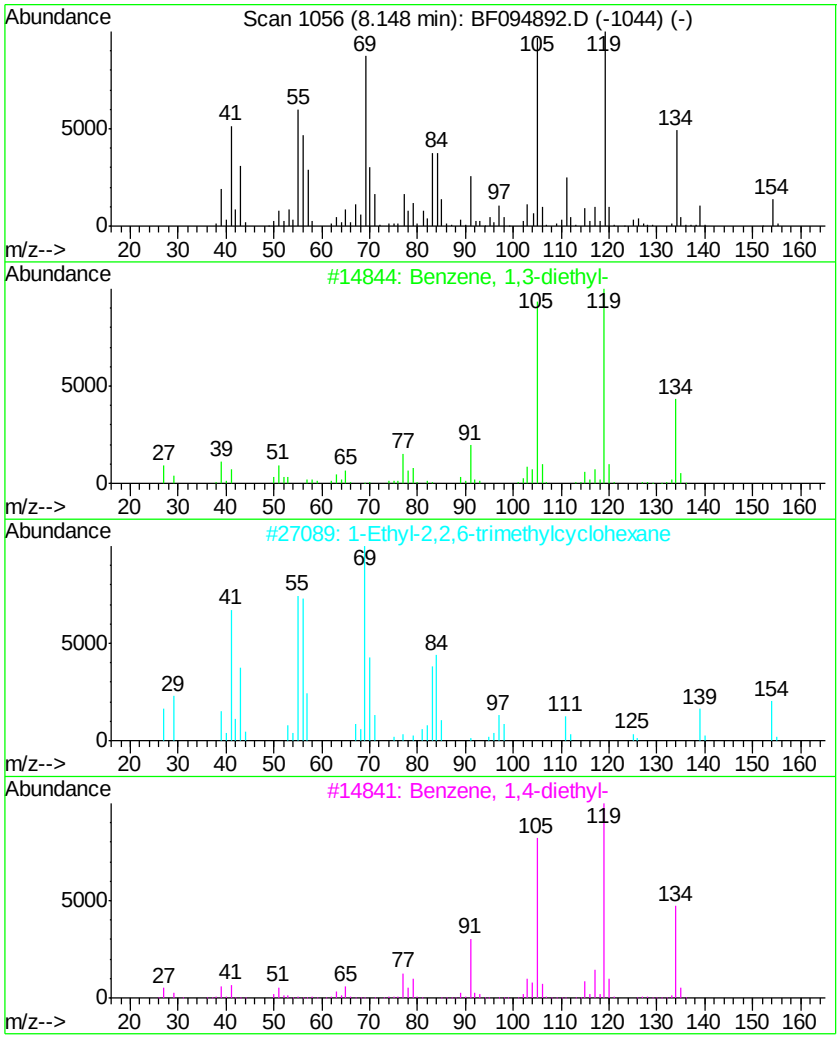
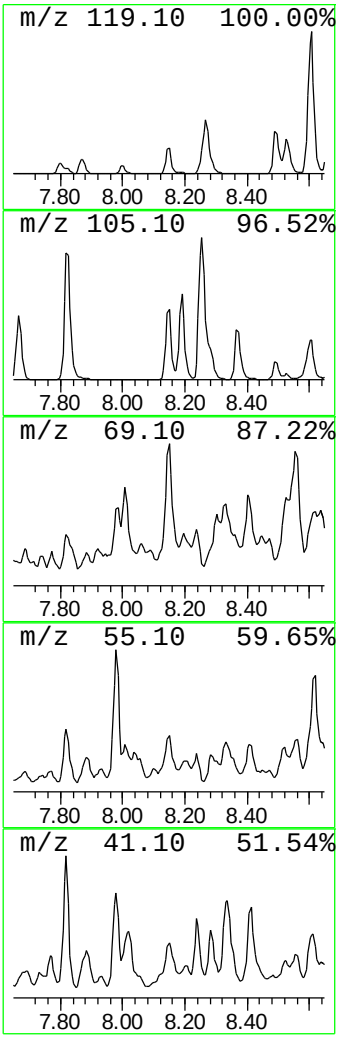
Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	71.76 ng	1792870	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
2	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	64
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	59
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	59
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	42





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

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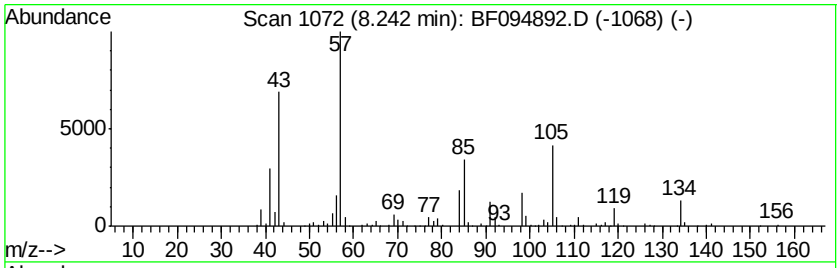
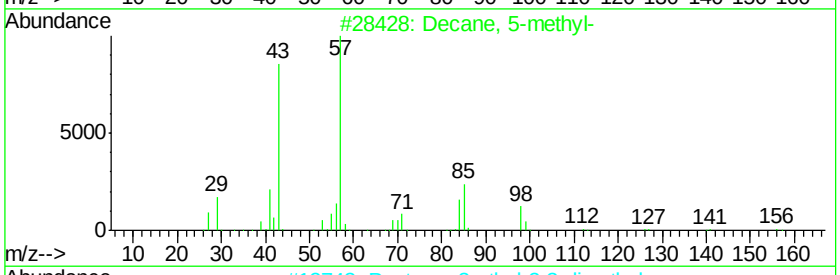
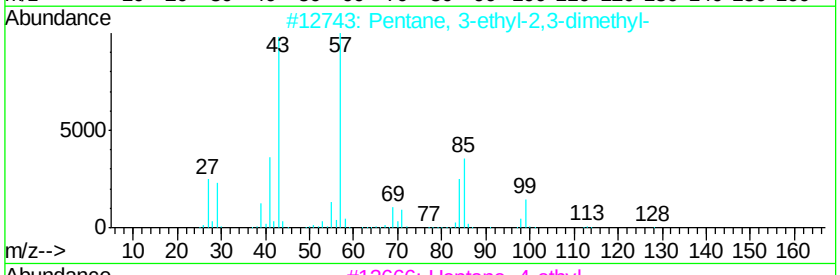
Peak Number 11 Decane, 5-methyl- Concentration Rank 6

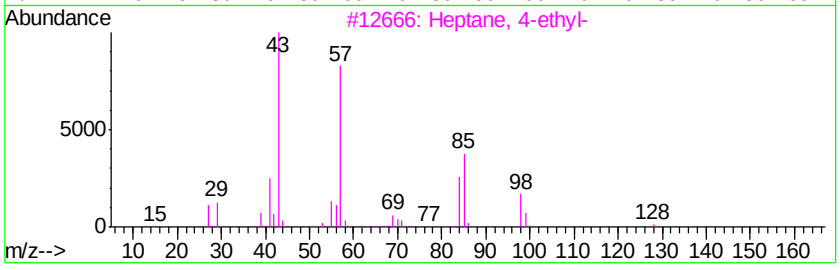
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	70.62 ng	1764330	1,4-Dichlorobenzene-d4	7.72

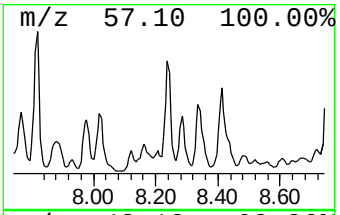
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	53
2	Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	43
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	38
4	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	38
5	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	27

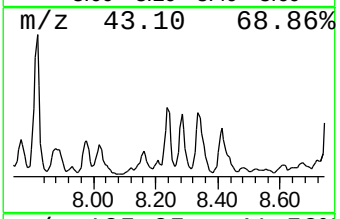


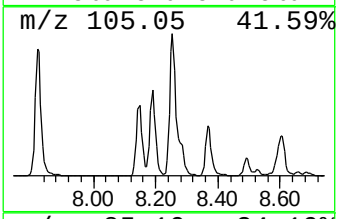


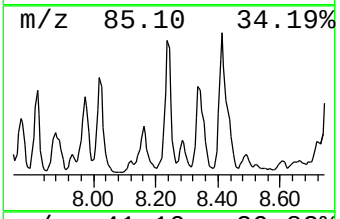


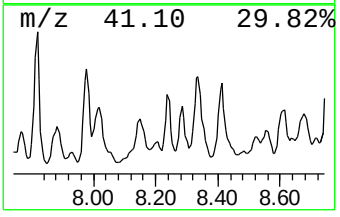












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Instrument : BNA_F
ClientSampleId : RO-1-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

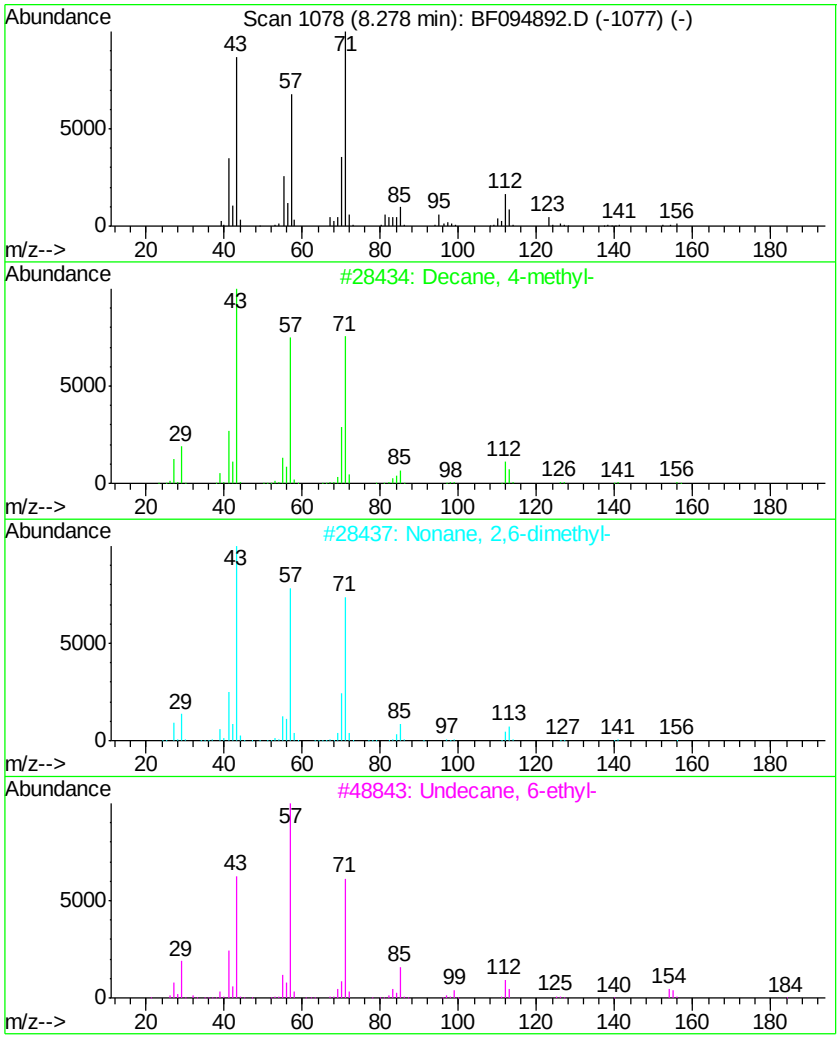
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

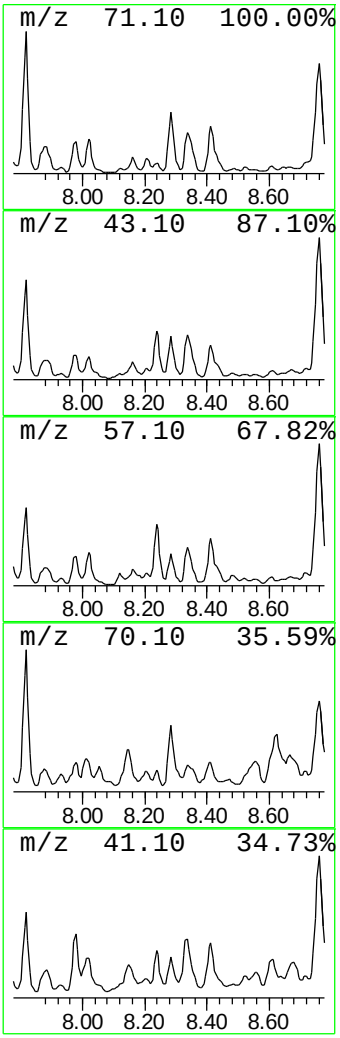
****

Peak Number 12 Decane, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	31.71 ng	792259	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	93
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	87
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	59
4	Hexane, 3,3,4,4-tetramethyl-	142	C10H22	005171-84-6	59
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	53





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TIC Integration Parameters: LSCINT.P

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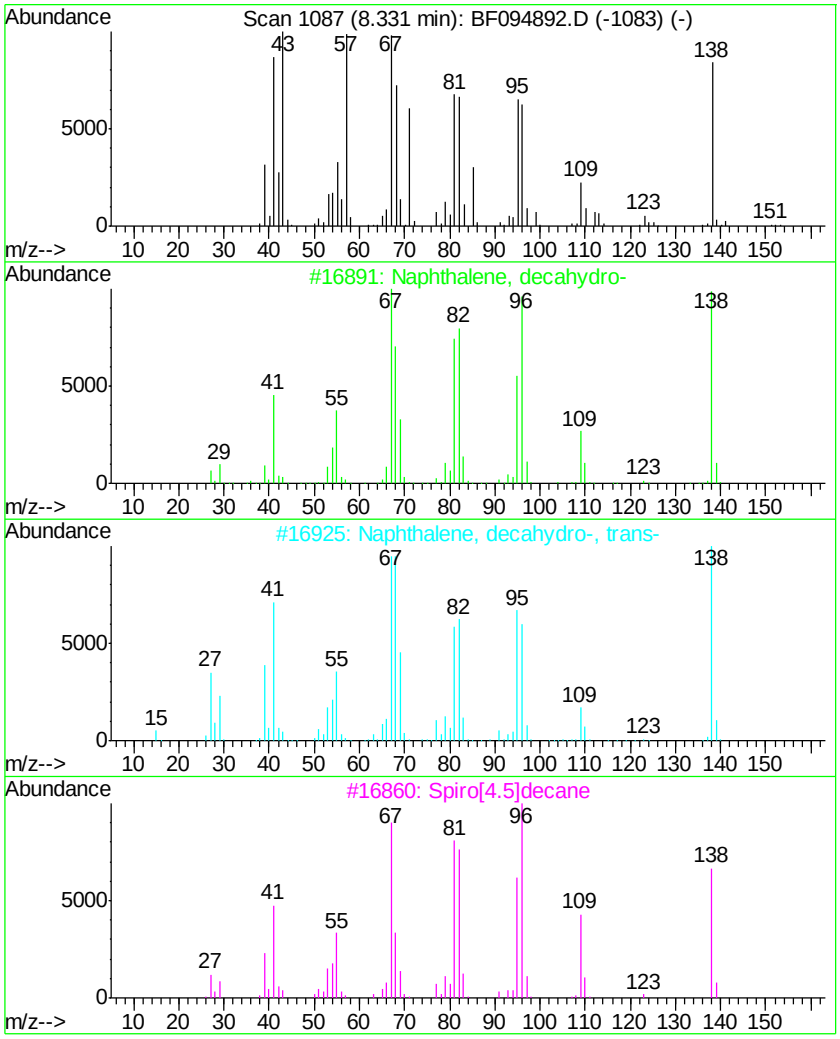
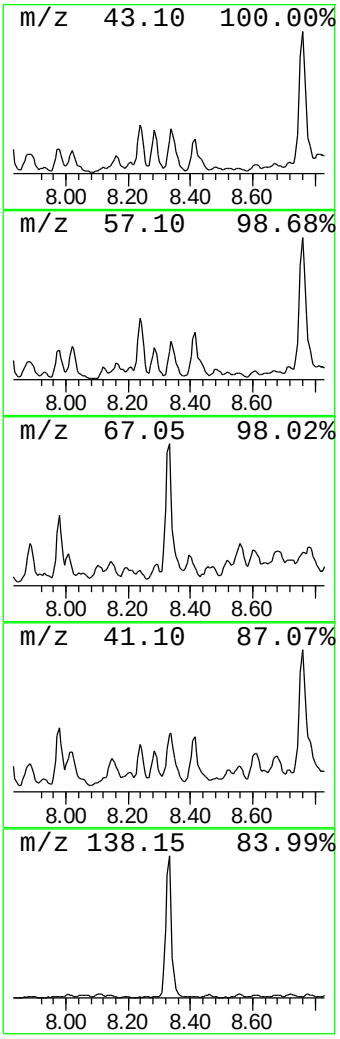
Peak Number 13 Naphthalene, decahydro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	75.94 ng	1897130	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	93
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
3	Spiro[4.5]decane	138	C10H18	000176-63-6	89
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76
5	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	64





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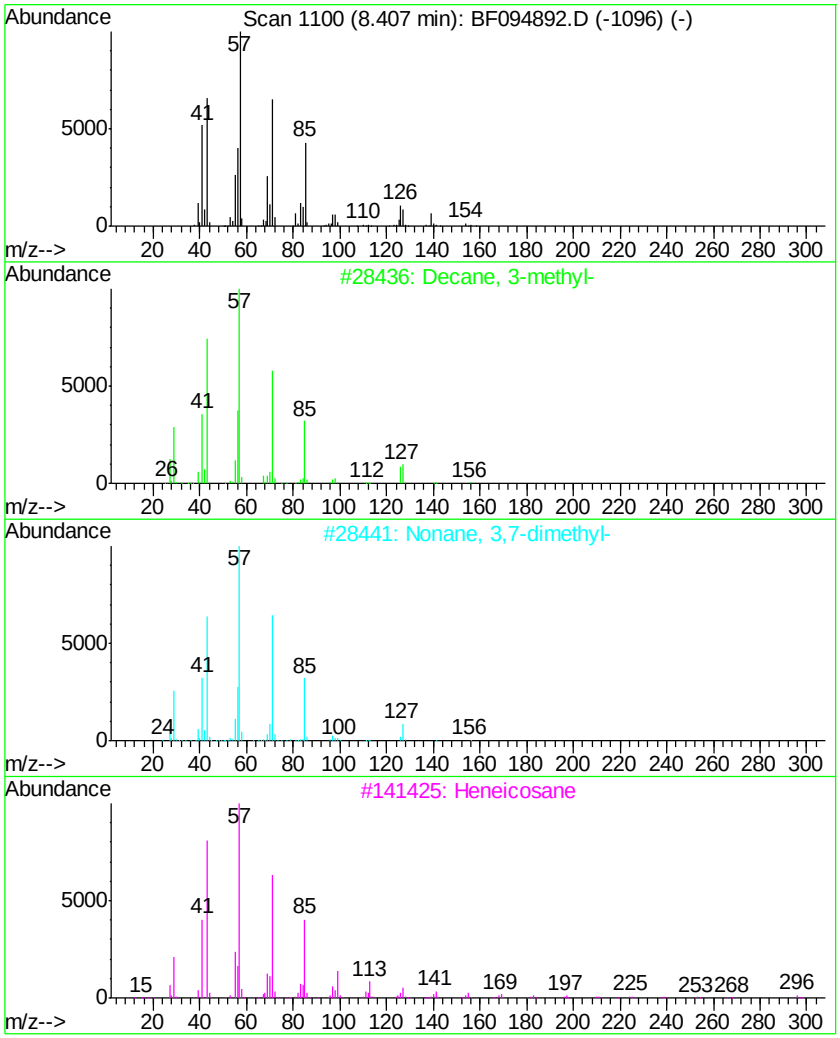
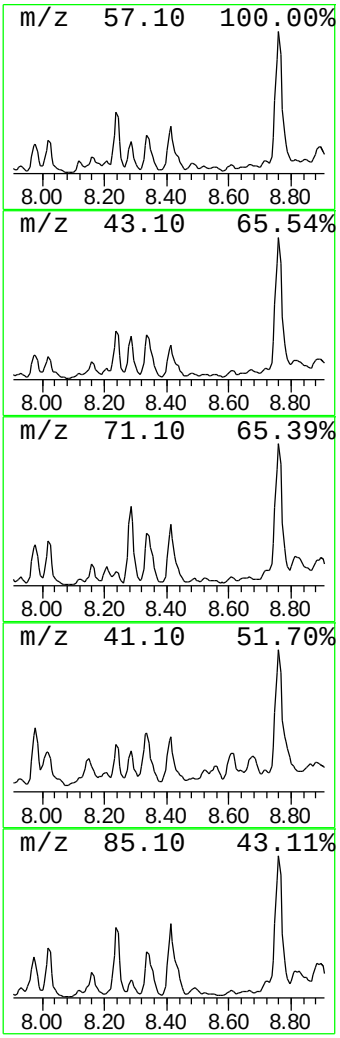
Peak Number 14 Decane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	48.11 ng	1202000	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	91
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
3	Heneicosane	296	C21H44	000629-94-7	80
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	78
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72





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TIC Library : C:\DATABASE\NIST11.L
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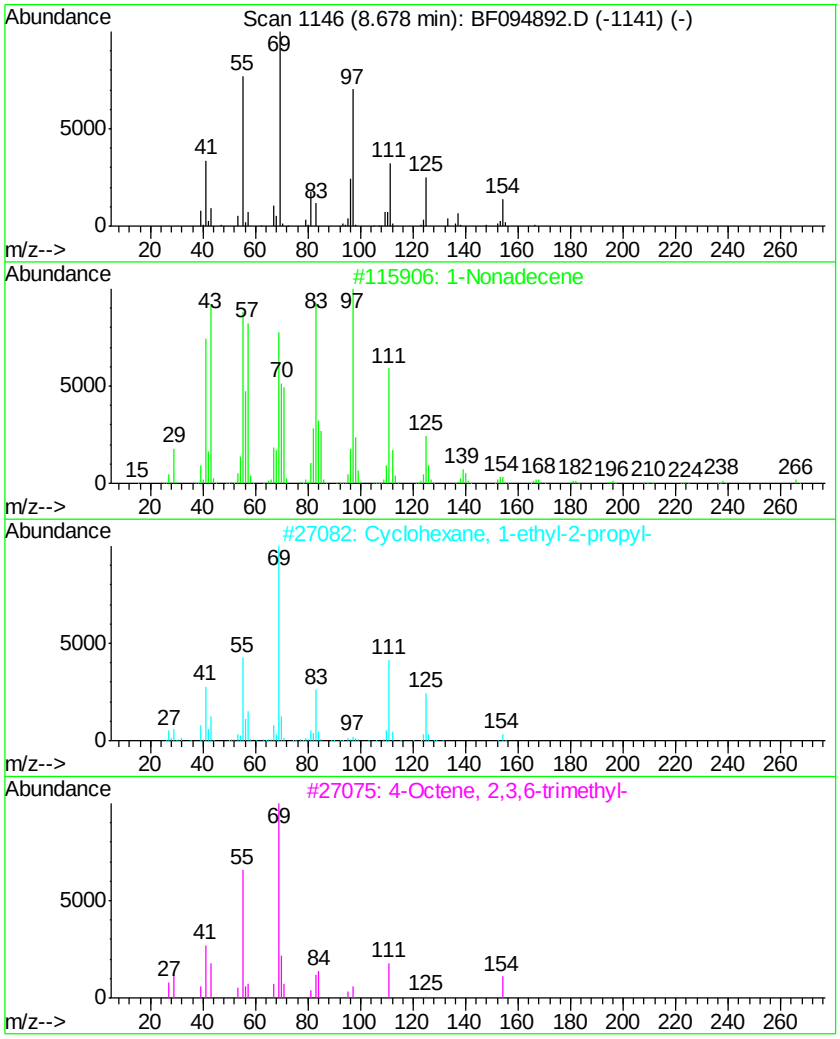
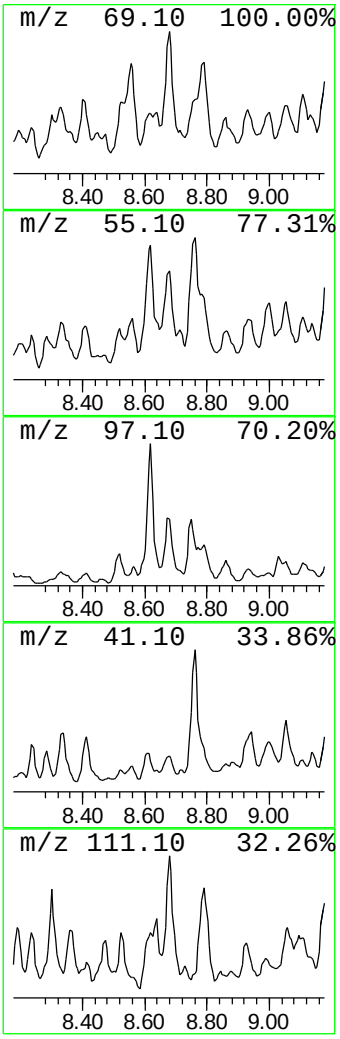
Peak Number 15 1-Nonadecene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	35.14 ng	877883	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	53
2	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	47
3	4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	46
4	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	43
5	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	40





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Instrument : BNA_F
ClientSampleId : RO-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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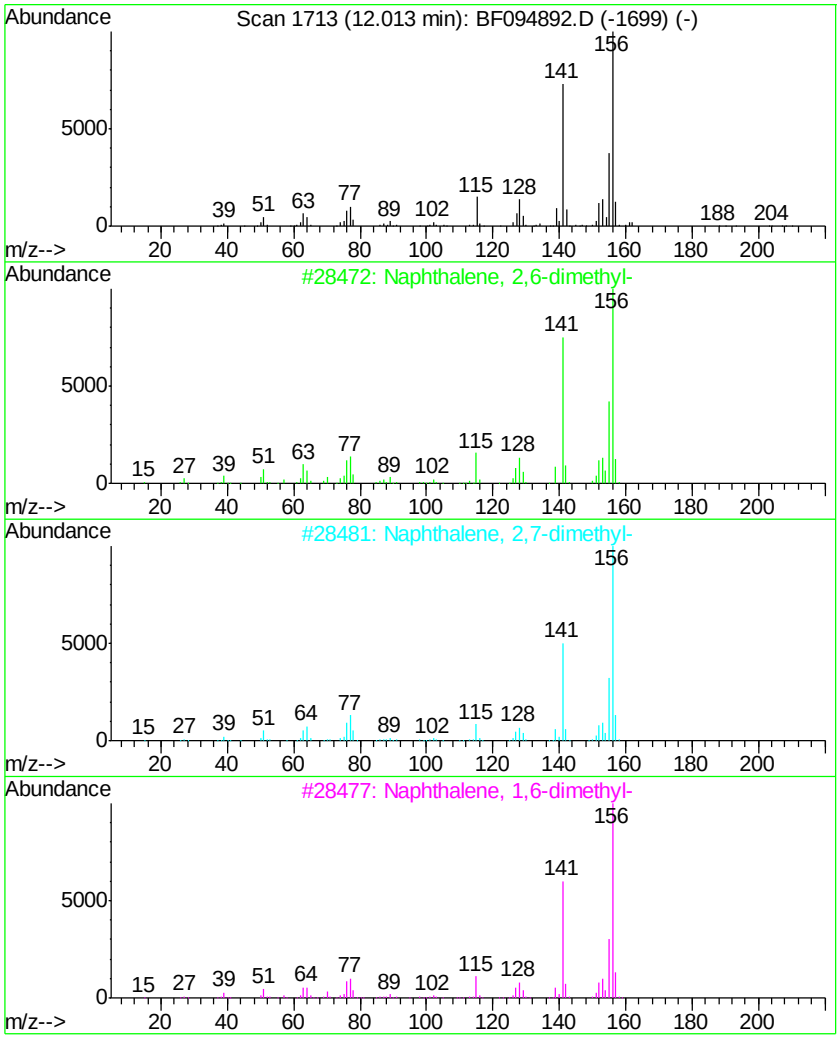
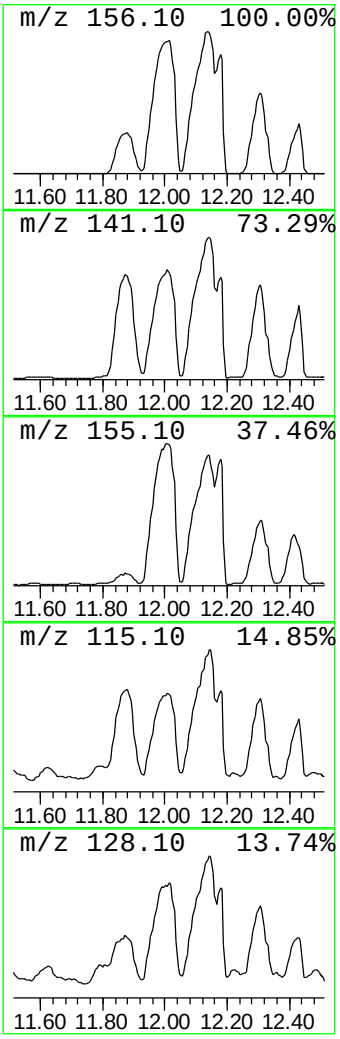
Peak Number 16 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	70.35 ng	11308800	Acenaphthene-d10	12.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094892.D
Acq On : 5 May 2017 00:55
Operator : SJ/MA
Sample : I2930-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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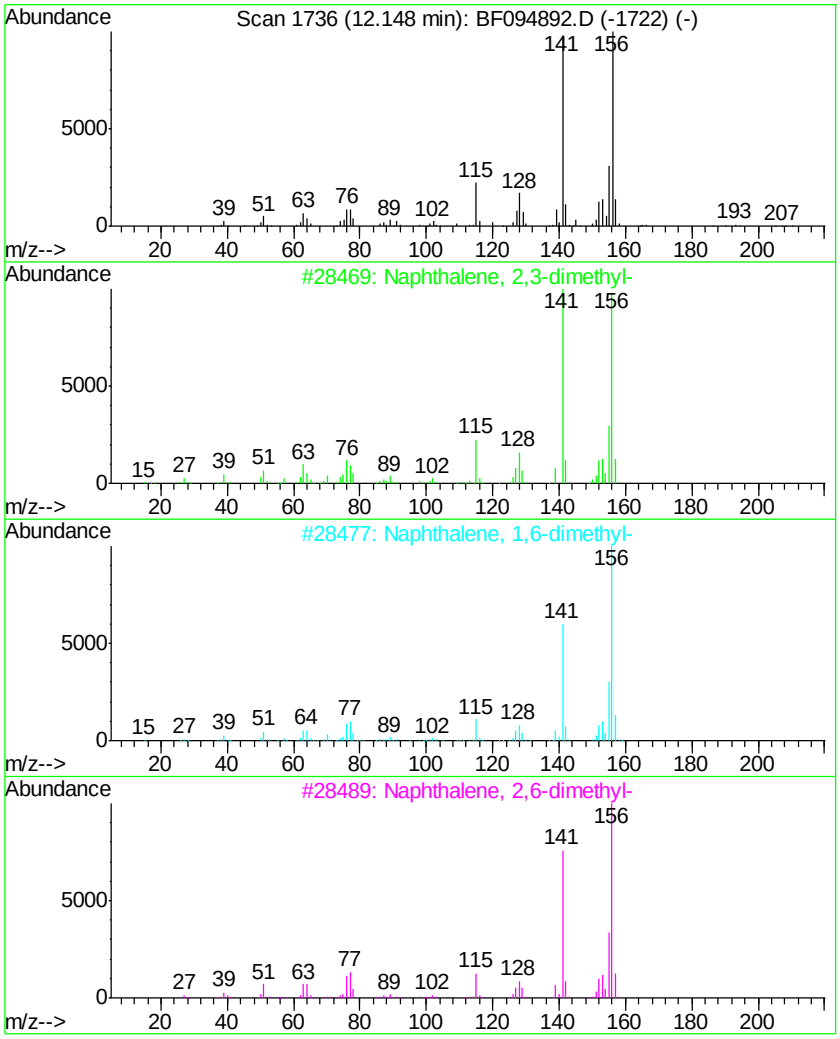
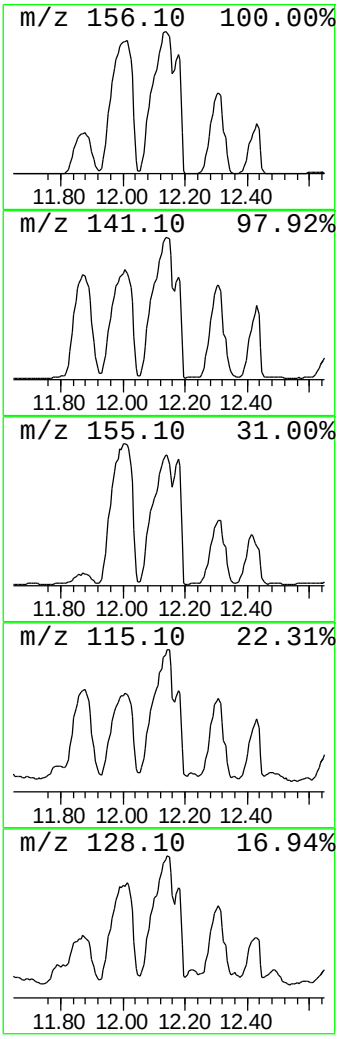
Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	70.98 ng	11410700	Acenaphthene-d10	12.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Data File : BF094892.D
Acq On : 5 May 2017 00:55
Operator : SJ/MA
Sample : I2930-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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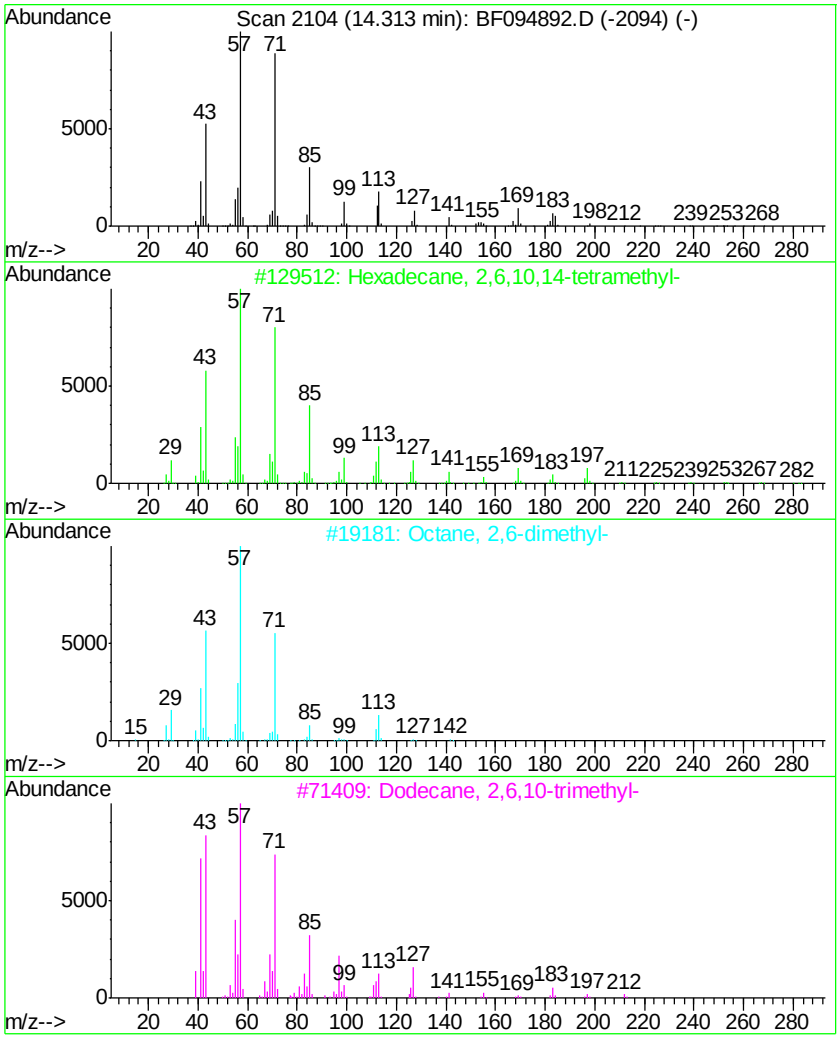
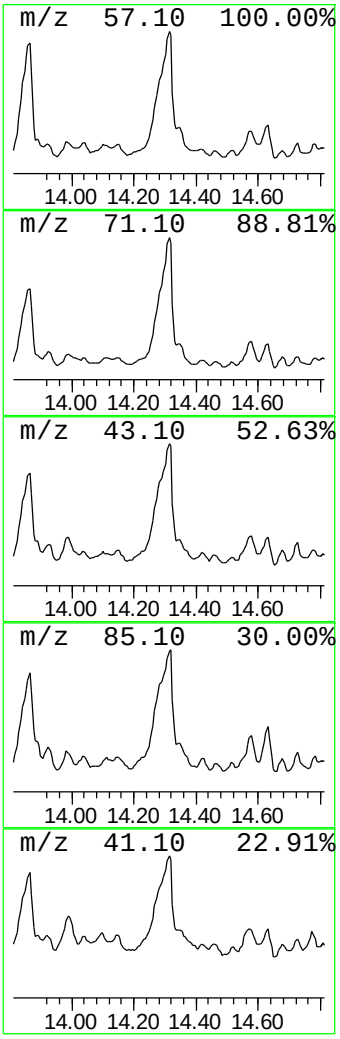
Peak Number 18 Hexadecane, 2,6,10,14-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	38.63 ng	8384880	Phenanthrene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	68
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094892.D
Acq On : 5 May 2017 00:55
Operator : SJ/MA
Sample : I2930-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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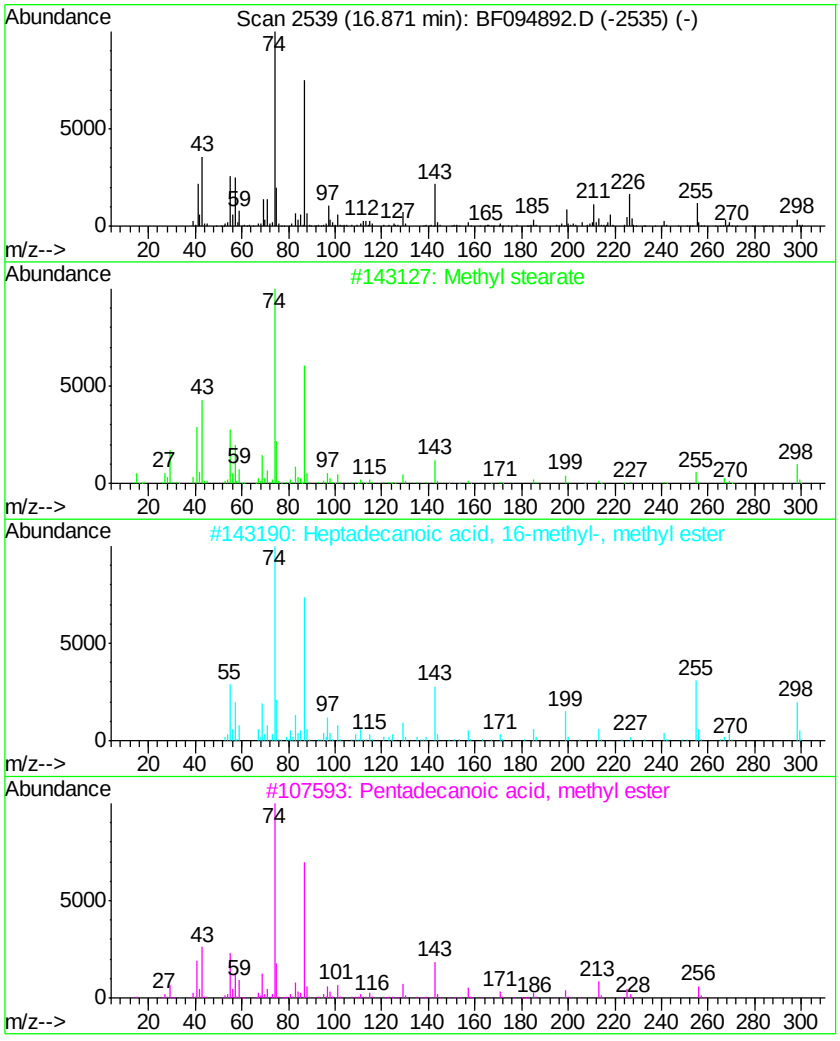
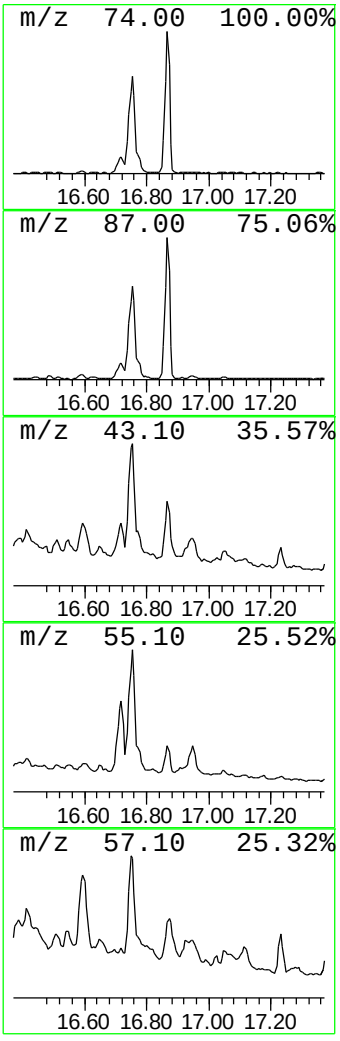
Peak Number 19 Methyl stearate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	55.17 ng	1312600	Chrysene-d12	18.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	83
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	83





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Data File : BF094892.D
Acq On : 5 May 2017 00:55
Operator : SJ/MA
Sample : I2930-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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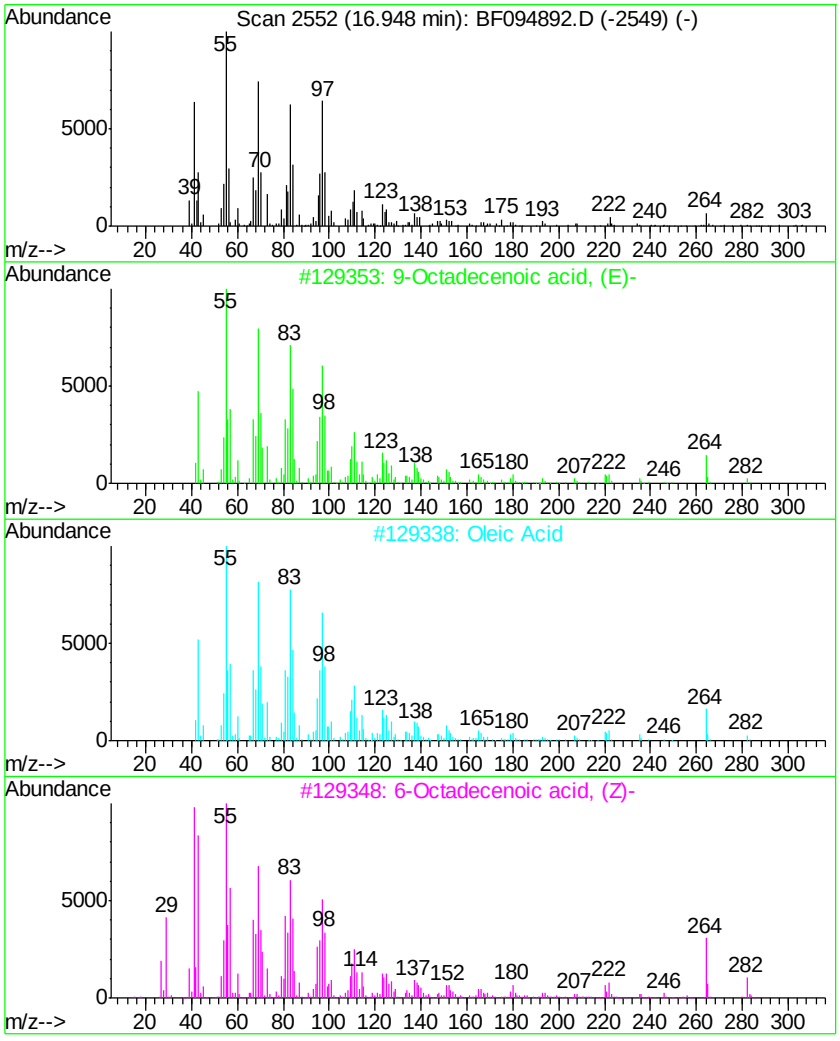
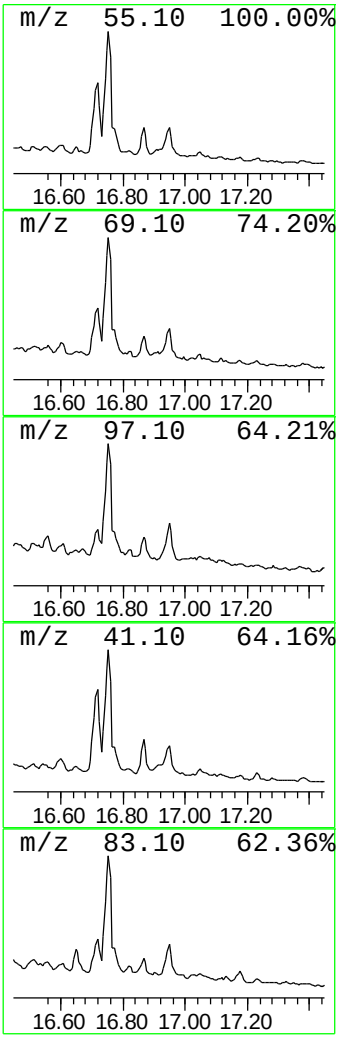
Peak Number 20 9-Octadecenoic acid, (E)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	44.86 ng	1067250	Chrysene-d12	18.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	98
2	Oleic Acid	282	C18H34O2	000112-80-1	95
3	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	95
4	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	90
5	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094892.D
Acq On : 5 May 2017 00:55
Operator : SJ/MA
Sample : I2930-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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
Octane, 3,6-dimet...	6.60	34.7	ng	867041	1	7.72	499662	20.0
Nonane, 4-methyl-	7.00	63.0	ng	1574990	1	7.72	499662	20.0
Nonane, 2-methyl-	7.05	24.8	ng	618380	1	7.72	499662	20.0
Nonane, 3-methyl-	7.14	33.2	ng	829555	1	7.72	499662	20.0
Cyclohexane, 1-me...	7.34	25.5	ng	636674	1	7.72	499662	20.0
unknown7.38	7.38	93.3	ng	2329860	1	7.72	499662	20.0
Decane	7.53	67.5	ng	1687380	1	7.72	499662	20.0
Nonane, 2,6-dimet...	7.82	102.2	ng	2552420	1	7.72	499662	20.0
unknown7.88	7.88	40.4	ng	1008070	1	7.72	499662	20.0
Benzene, 1,3-diet...	8.15	71.8	ng	1792870	1	7.72	499662	20.0
Decane, 5-methyl-	8.24	70.6	ng	1764330	1	7.72	499662	20.0
Decane, 4-methyl-	8.28	31.7	ng	792259	1	7.72	499662	20.0
Naphthalene, deca...	8.33	75.9	ng	1897130	1	7.72	499662	20.0
Decane, 3-methyl-	8.41	48.1	ng	1202000	1	7.72	499662	20.0
1-Nonadecene	8.68	35.1	ng	877883	1	7.72	499662	20.0
Naphthalene, 2,6-...	12.01	70.3	ng	11308800	3	12.64	3215030	20.0
Naphthalene, 2,3-...	12.15	71.0	ng	11410700	3	12.64	3215030	20.0
Hexadecane, 2,6,1...	14.31	38.6	ng	8384880	4	15.04	4340970	20.0
Methyl stearate	16.87	55.2	ng	1312600	5	18.64	475843	20.0
9-Octadecenoic ac...	16.95	44.9	ng	1067250	5	18.64	475843	20.0