LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095175.D
Acq On : 17 May 2017 1:20
Operator : SJ/MA
Sample : I3153-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-4

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	5.743	643	647	666	rVV	1107316	2094665	25.69%	1.294%
2	6.137	707	714	725	rBV	425163	545874	6.69%	0.337%
3	6.654	799	802	810	rVB	300755	454083	5.57%	0.280%
4	7.048	860	869	874	rBV5	439868	880076	10.79%	0.543%
5	7.184	886	892	896	rBV3	332941	486506	5.97%	0.300%
6	7.313	908	914	922	rVV2	1182089	1841025	22.58%	1.137%
7	7.442	932	936	945	rVV	1512515	2218100	27.20%	1.370%
8	7.584	954	960	964	rVB	1216990	1522013	18.66%	0.940%
9	7.778	989	993	997	rVV	503579	638539	7.83%	0.394%
10	7.860	1002	1007	1013	rVB3	688501	1028319	12.61%	0.635%
11	8.013	1029	1033	1037	rBV2	1594546	2060499	25.27%	1.272%
12	8.319	1080	1085	1091	rVB4	468209	877801	10.76%	0.542%
13	8.372	1091	1094	1098	rBV	714498	910846	11.17%	0.562%
14	8.448	1103	1107	1112	rVB	559740	647453	7.94%	0.400%
15	8.642	1136	1140	1142	rBV2	459573	643212	7.89%	0.397%
16	8.672	1142	1145	1149	rVV2	1001102	1220863	14.97%	0.754%
17	8.795	1161	1166	1169	rVV	2071038	2389443	29.30%	1.476%
18	8.831	1169	1172	1176	rVB2	442306	669462	8.21%	0.413%
19	8.966	1191	1195	1201	rVB6	390754	778542	9.55%	0.481%
20	9.037	1201	1207	1212	rBV4	529786	1071999	13.15%	0.662%
21	9.084	1212	1215	1220	rVB2	463062	501711	6.15%	0.310%
22	9.219	1233	1238	1242	rBV3	745117	1245567	15.27%	0.769%
23	9.395	1262	1268	1273	rBV5	797778	1742799	21.37%	1.076%
24	9.436	1273	1275	1279	rVV	533741	682127	8.37%	0.421%
25	9.495	1279	1285	1290	rVB3	911924	1571798	19.28%	0.971%
26	9.566	1290	1297	1302	rBV5	825629	1823602	22.36%	1.126%
27	9.695	1316	1319	1327	rVB4	454829	664821	8.15%	0.411%
28	9.789	1327	1335	1338	rBV3	1126130	2528299	31.01%	1.561%
29	9.878	1346	1350	1360	rVB3	1490332	2910780	35.70%	1.798%
30	10.007	1367	1372	1376	rVV	1618025	2142412	26.27%	1.323%
31	10.083	1381	1385	1390	rVB5	448525	624245	7.66%	0.386%
32	10.160	1390	1398	1402	rBV5	754026	1796157	22.03%	1.109%
33	10.272	1414	1417	1422	rVB5	605637	852407	10.45%	0.526%
34	10.331	1422	1427	1432	rBV5	857056	1565356	19.20%	0.967%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095175.D
Acq On : 17 May 2017 1:20
Operator : SJ/MA
Sample : I3153-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-4

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	10.413	1435	1441	1447	rBV6	655230	1562934	19.17%	0.965%
36	10.466	1447	1450	1453	rVB2	637819	749481	9.19%	0.463%
37	10.519	1456	1459	1463	rVV3	833299	1112611	13.64%	0.687%
38	10.595	1466	1472	1475	rVV3	1995670	3610532	44.28%	2.230%
39	10.631	1475	1478	1482	rVB3	549384	753080	9.24%	0.465%
40	10.719	1489	1493	1500	rVB5	742790	1534802	18.82%	0.948%
41	10.807	1500	1508	1510	rBV6	486702	1237360	15.17%	0.764%
42	10.872	1515	1519	1526	rVV2	1603339	3067612	37.62%	1.894%
43	10.960	1530	1534	1541	rVV4	821419	1661707	20.38%	1.026%
44	11.025	1542	1545	1549	rVB2	336512	530623	6.51%	0.328%
45	11.113	1556	1560	1566	rBV5	926104	1942472	23.82%	1.200%
46	11.342	1595	1599	1607	rBV3	1059319	2604885	31.94%	1.609%
47	11.413	1608	1611	1617	rVB4	813342	1546016	18.96%	0.955%
48	11.483	1617	1623	1626	rBV2	856268	1735191	21.28%	1.072%
49	11.542	1629	1633	1635	rVV3	1060494	1817317	22.29%	1.122%
50	11.583	1636	1640	1645	rVB2	2361829	4370054	53.59%	2.699%
51	11.689	1653	1658	1663	rBV2	1270063	2672219	32.77%	1.650%
52	11.819	1673	1680	1686	rBV2	2473372	5165158	63.34%	3.190%
53	11.883	1687	1691	1697	rVB5	857283	1715301	21.04%	1.059%
54	12.119	1727	1731	1735	rBV	958894	1452650	17.81%	0.897%
55	12.160	1735	1738	1741	rBV3	672026	1076262	13.20%	0.665%
56	12.348	1764	1770	1773	rVV2	1932716	3870496	47.46%	2.390%
57	12.377	1773	1775	1780	rVB2	1451605	1822583	22.35%	1.126%
58	12.436	1780	1785	1789	rBV3	1663010	2707697	33.21%	1.672%
59	12.513	1794	1798	1804	rVB5	1785288	3844795	47.15%	2.374%
60	12.695	1826	1829	1832	rVB	2329673	2685322	32.93%	1.658%
61	13.089	1889	1896	1899	rBV3	938004	2590274	31.77%	1.600%
62	13.160	1904	1908	1911	rBV2	1130617	1672429	20.51%	1.033%
63	13.207	1912	1916	1921	rVV4	2219891	3700068	45.37%	2.285%
64	13.266	1922	1926	1933	rVB4	1205483	1908648	23.41%	1.179%
65	13.507	1961	1967	1971	rBV	2361774	4016492	49.26%	2.480%
66	13.560	1973	1976	1983	rVB5	981948	2031299	24.91%	1.254%
67	14.319	2095	2105	2112	rVB2	3232973	8154428	100.00%	5.036%
68	14.642	2157	2160	2164	rVB2	849027	1010371	12.39%	0.624%
69	14.689	2165	2168	2172	rVB3	948267	1291154	15.83%	0.797%
70	14.742	2173	2177	2181	rVV2	969562	1247982	15.30%	0.771%
71	14.789	2182	2185	2189	rVB2	928155	1250385	15.33%	0.772%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I3153-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-4

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

72	15.001	2217	2221	2224	rBV	1332537	1797304	22.04%	1.110%
73	15.060	2225	2231	2235	rVV2	2808058	4717701	57.85%	2.913%
74	15.277	2264	2268	2271	rBV3	944288	1605295	19.69%	0.991%
75	15.577	2316	2319	2325	rBV4	966524	1585011	19.44%	0.979%
76	15.654	2328	2332	2337	rVB	1262553	1573567	19.30%	0.972%
77	15.713	2339	2342	2346	rVB2	468862	539262	6.61%	0.333%
78	15.883	2367	2371	2379	rVB2	982707	2153012	26.40%	1.330%
79	15.989	2386	2389	2392	rBV	797330	1079711	13.24%	0.667%
80	16.024	2392	2395	2400	rVB3	1027276	1374802	16.86%	0.849%
81	16.071	2400	2403	2407	rBV2	677406	807893	9.91%	0.499%
82	16.113	2408	2410	2416	rVB3	575340	708997	8.69%	0.438%
83	16.236	2428	2431	2434	rBV	1012390	1051930	12.90%	0.650%
84	16.624	2493	2497	2501	rBV2	1073806	1457700	17.88%	0.900%
85	16.771	2519	2522	2525	rBV	735610	787882	9.66%	0.487%
86	17.265	2603	2606	2610	rVB	697863	707984	8.68%	0.437%
87	17.354	2617	2621	2626	rVB	1249739	1423456	17.46%	0.879%
88	17.730	2682	2685	2689	rVB	593660	594036	7.28%	0.367%
89	18.171	2756	2760	2764	rVB	560074	579533	7.11%	0.358%
90	18.477	2808	2812	2816	rVB	616345	637212	7.81%	0.394%
91	18.589	2827	2831	2841	rVV	533329	660147	8.10%	0.408%
92	18.695	2844	2849	2852	rVV2	464241	608669	7.46%	0.376%
93	18.995	2895	2900	2909	rVB	489753	566031	6.94%	0.350%
94	19.371	2960	2964	2969	rVB	465610	530320	6.50%	0.328%
95	19.742	3023	3027	3033	rBV	422793	473764	5.81%	0.293%
96	20.100	3084	3088	3092	rVB	442926	497661	6.10%	0.307%
97	20.365	3130	3133	3141	rVV	327808	467493	5.73%	0.289%
98	23.047	3582	3589	3599	rVB2	260898	653093	8.01%	0.403%
99	23.394	3638	3648	3670	rVB5	427804	1583910	19.42%	0.978%
100	23.894	3722	3733	3745	rVB4	479462	1351757	16.58%	0.835%

Sum of corrected areas: 161929224

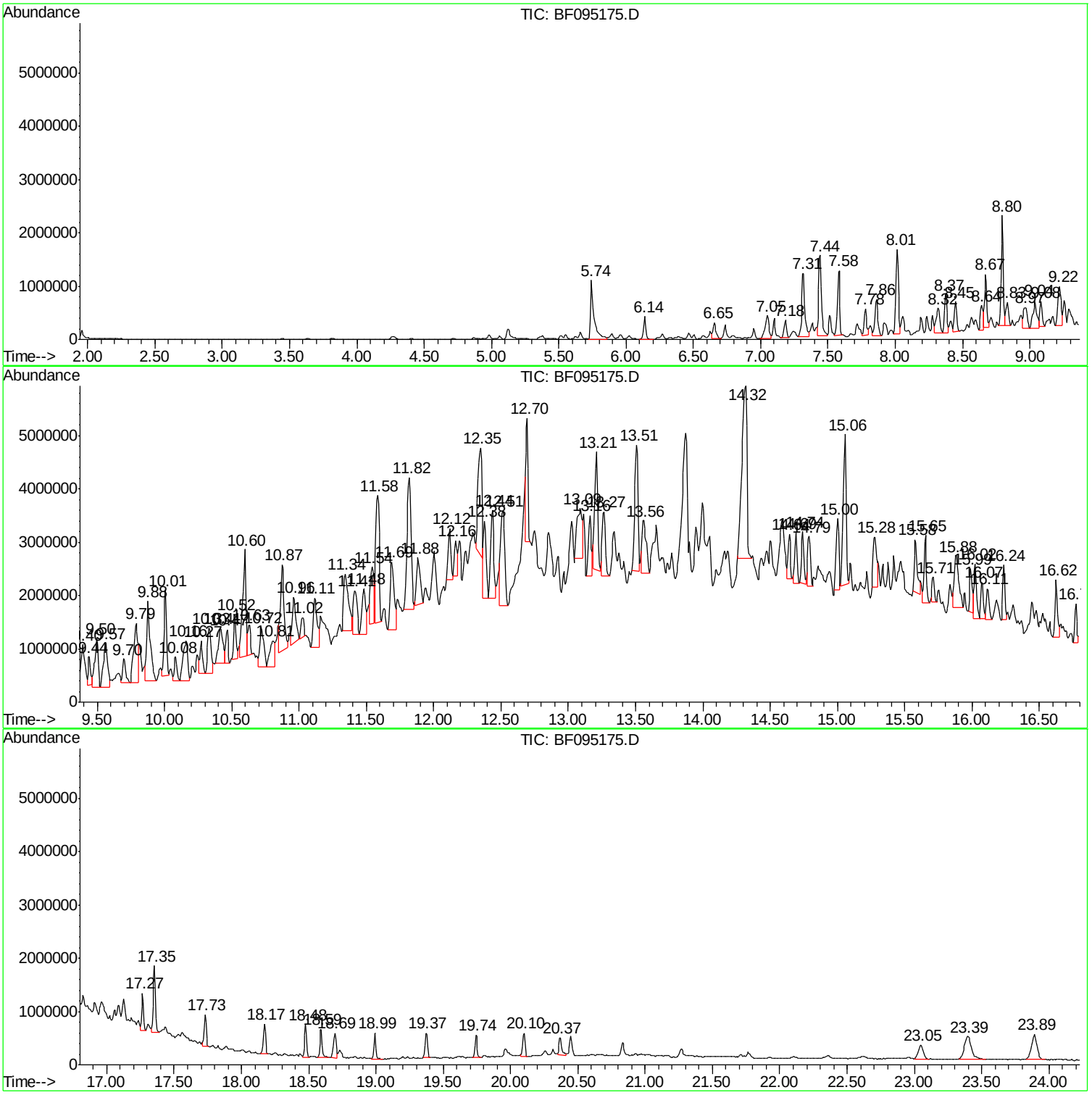
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095175.D
Acq On : 17 May 2017 1:20
Operator : SJ/MA
Sample : I3153-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-4

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
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Sample : I3153-01
Misc :
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Instrument : BNA_F
ClientSampleId : DS-1-4

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

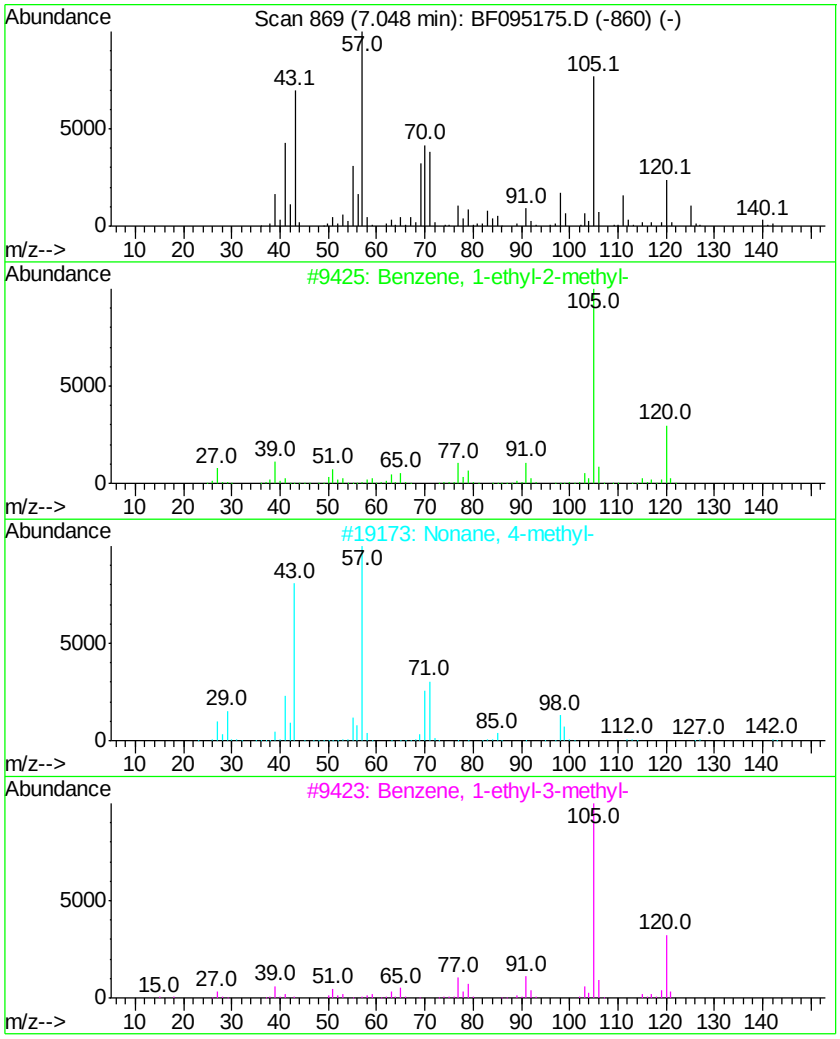
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

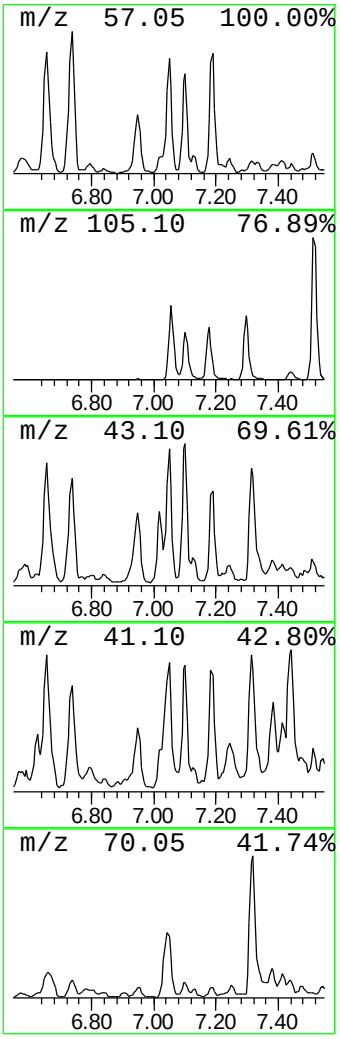
****

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	27.57 ng	880076	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	56
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	49
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	44
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	43
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095175.D
Acq On : 17 May 2017 1:20
Operator : SJ/MA
Sample : I3153-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-4

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

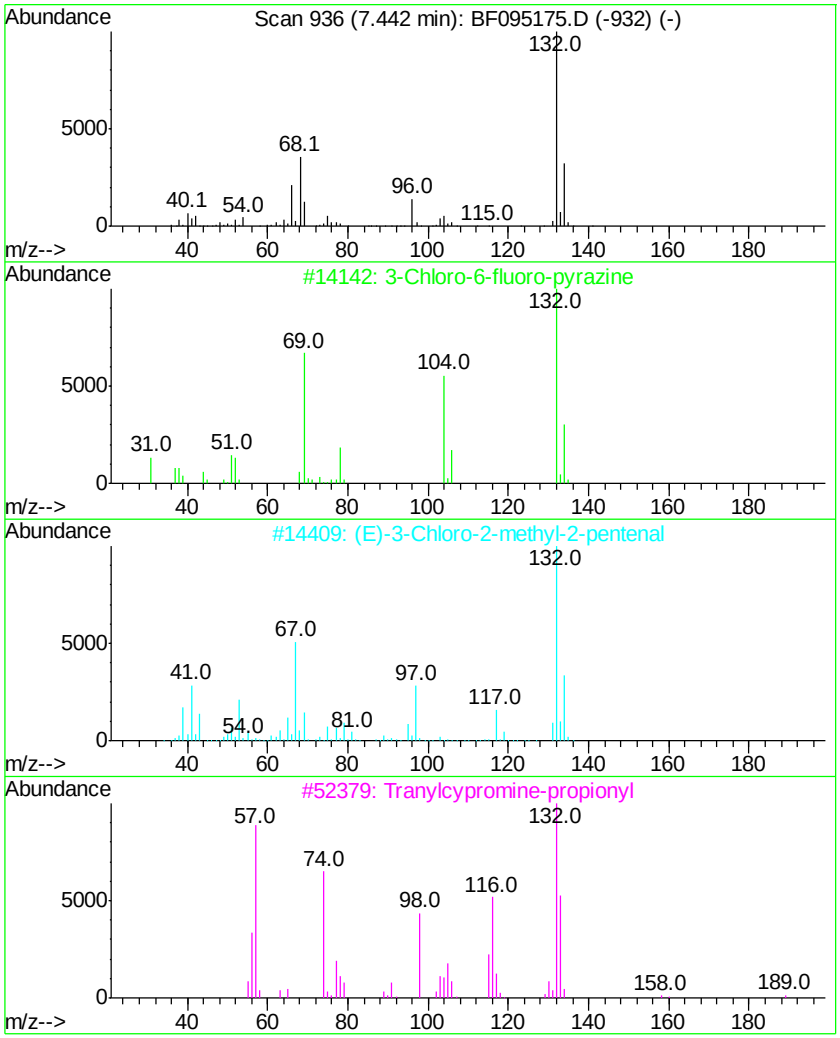
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

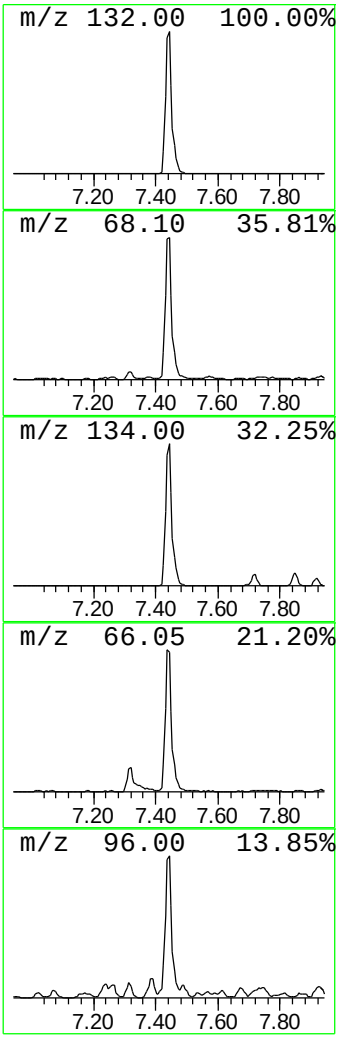
****

Peak Number 2 unknown7.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	69.47 ng	2218100	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
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Acq On : 17 May 2017 1:20
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Misc :
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Instrument : BNA_F
ClientSampleId : DS-1-4

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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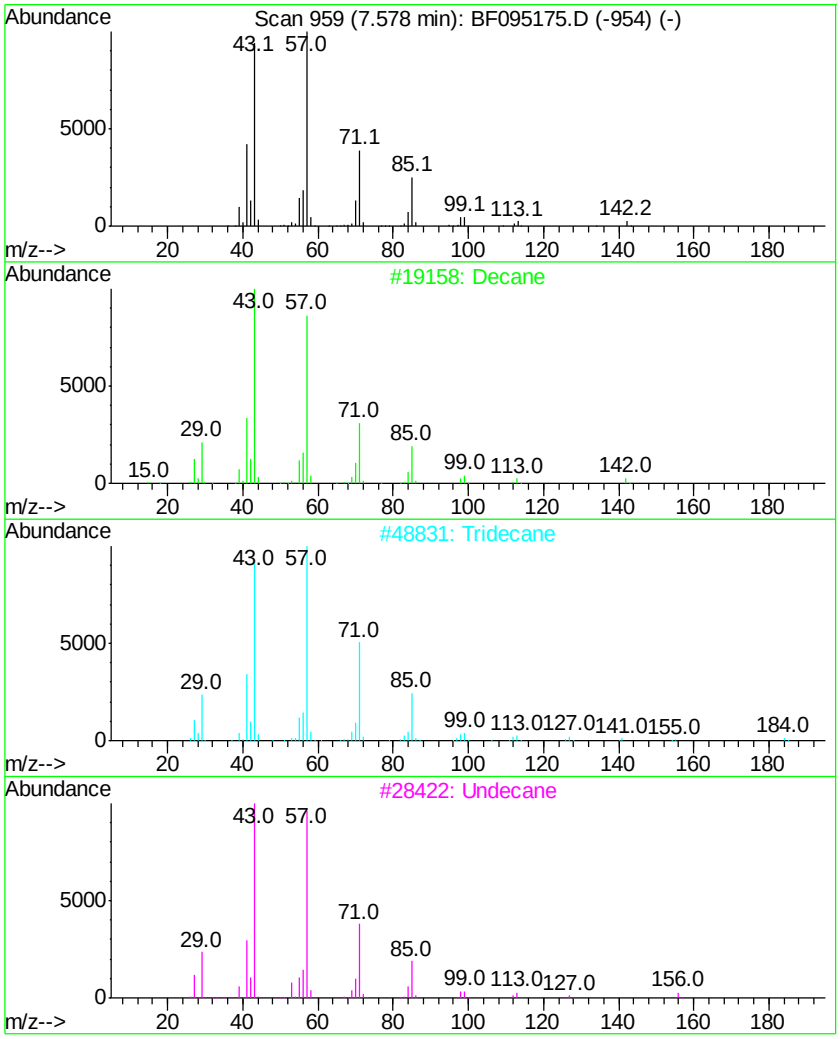
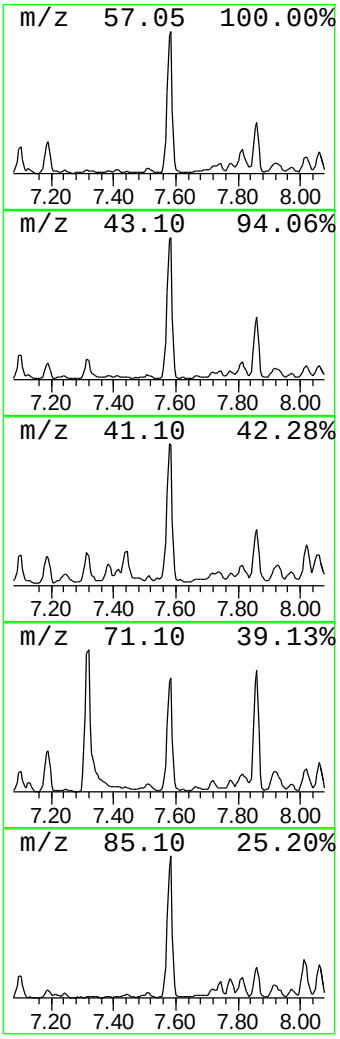
Peak Number 3 Decane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	47.67 ng	1522010	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	93
2	Tridecane	184	C13H28	000629-50-5	86
3	Undecane	156	C11H24	001120-21-4	78
4	Tetradecane	198	C14H30	000629-59-4	78
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
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Acq On : 17 May 2017 1:20
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Sample : I3153-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-4

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

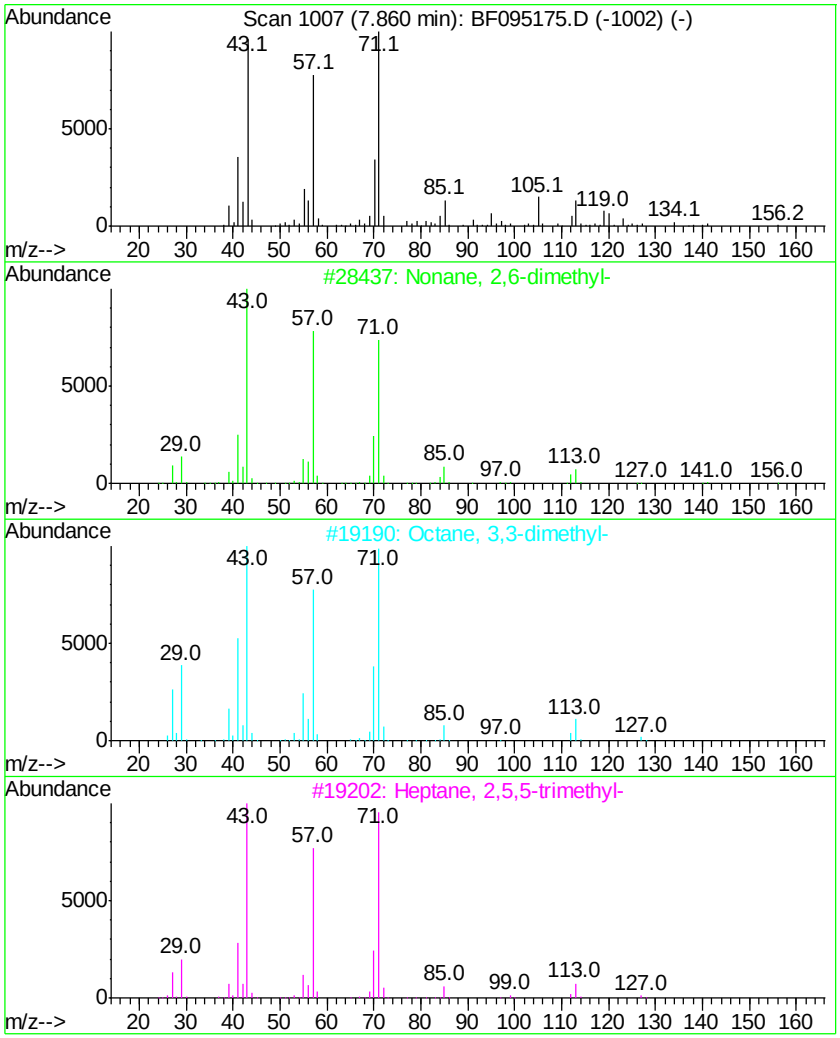
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

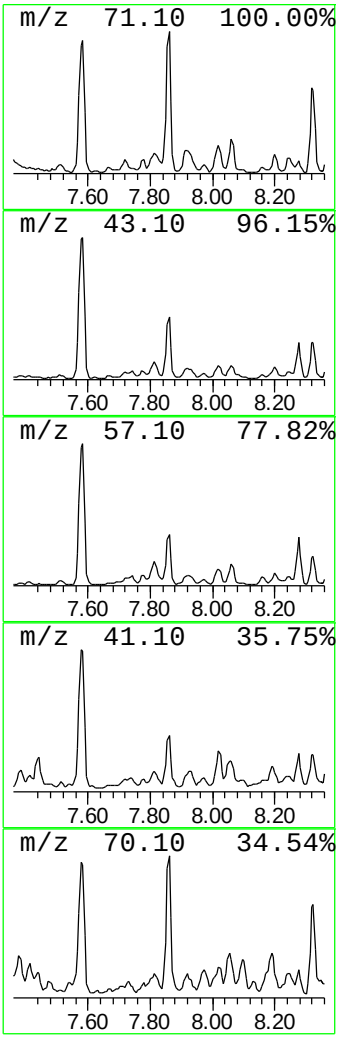
****

Peak Number 4 Nonane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	32.21 ng	1028320	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	87
2	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	80
3	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	78
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
5	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095175.D
Acq On : 17 May 2017 1:20
Operator : SJ/MA
Sample : I3153-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-4

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

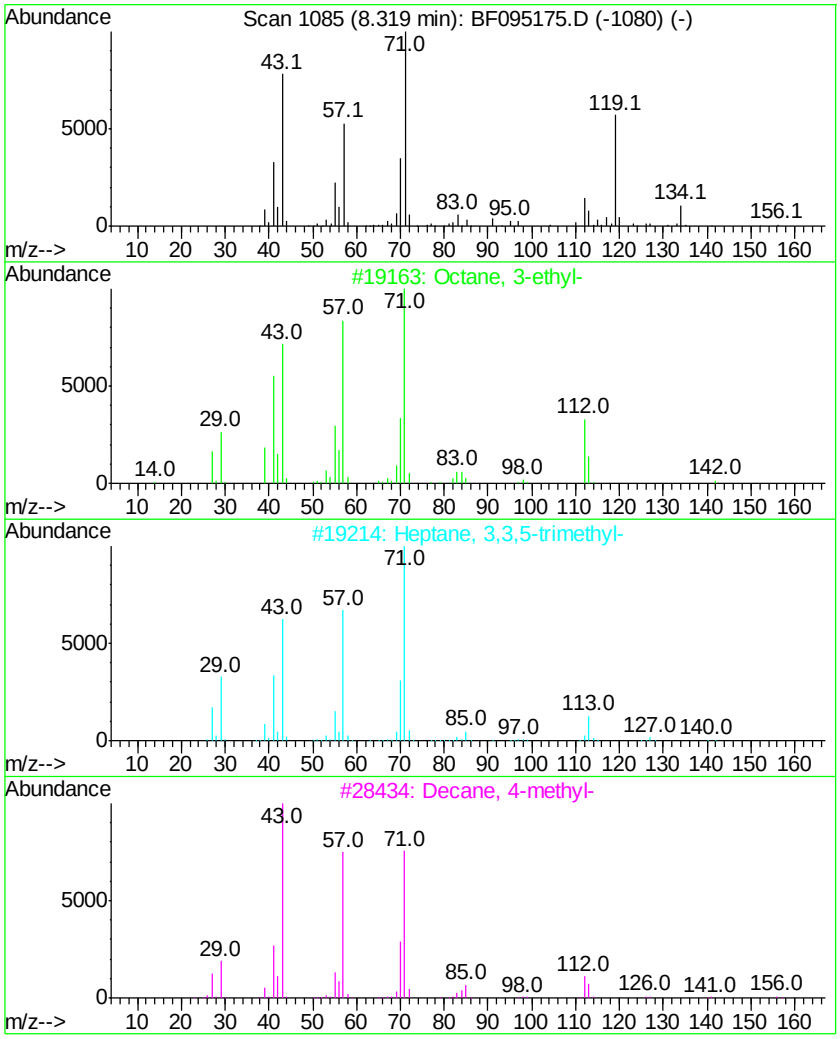
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

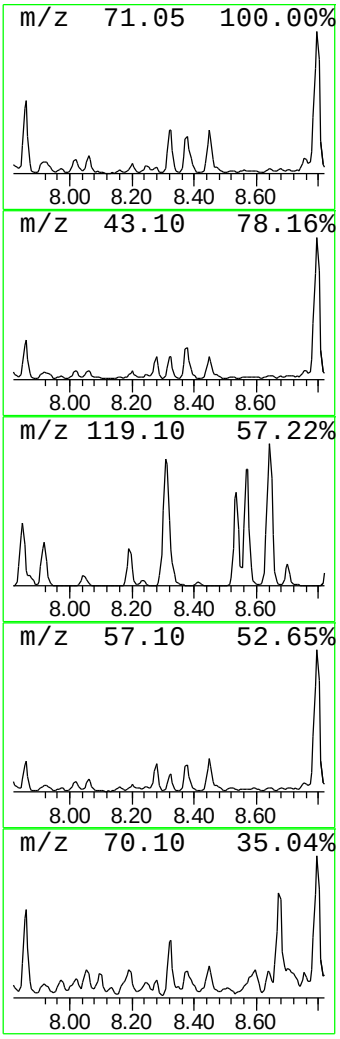
****

Peak Number 6 Octane, 3-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	27.49 ng	877801	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-	142	C10H22	005881-17-4	52
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
3	Decane, 4-methyl-	156	C11H24	002847-72-5	49
4	Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	47
5	Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	47





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Operator : SJ/MA
Sample : I3153-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-4

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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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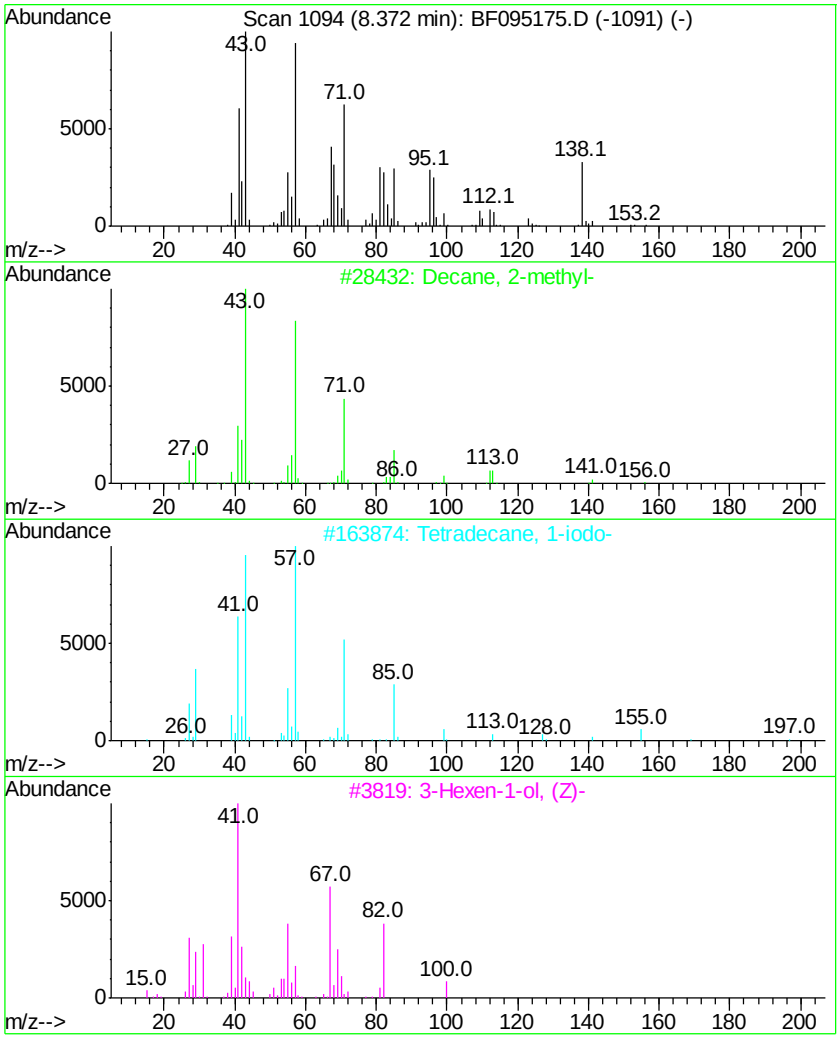
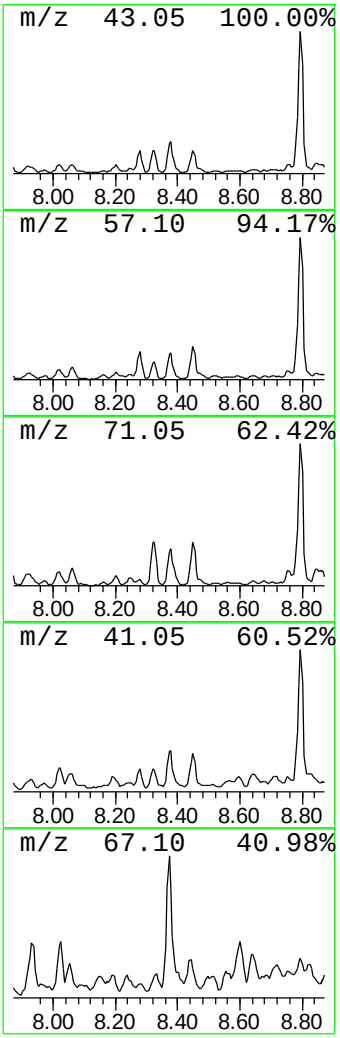
Peak Number 7 Decane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	28.53 ng	910846	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	70
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	30
3	3-Hexen-1-ol, (Z)-	100	C6H12O	000928-96-1	27
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	27
5	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	25





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Instrument : BNA_F
ClientSampleId : DS-1-4

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TIC Integration Parameters: LSCINT.P

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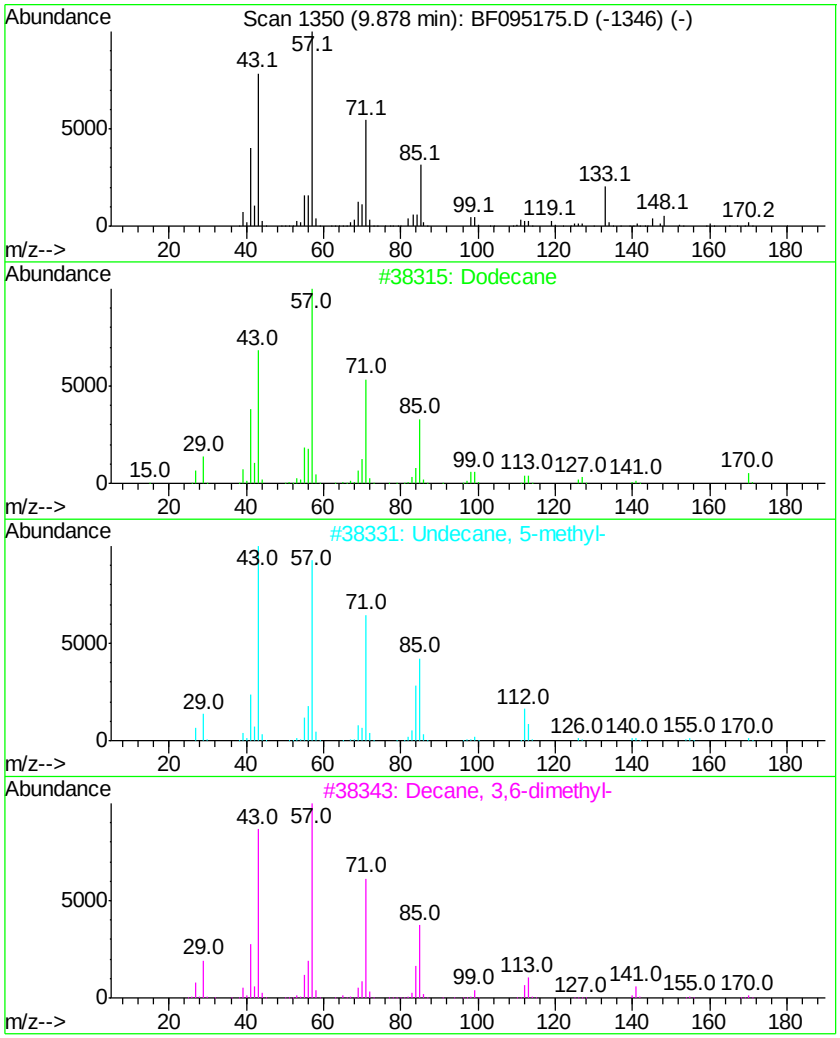
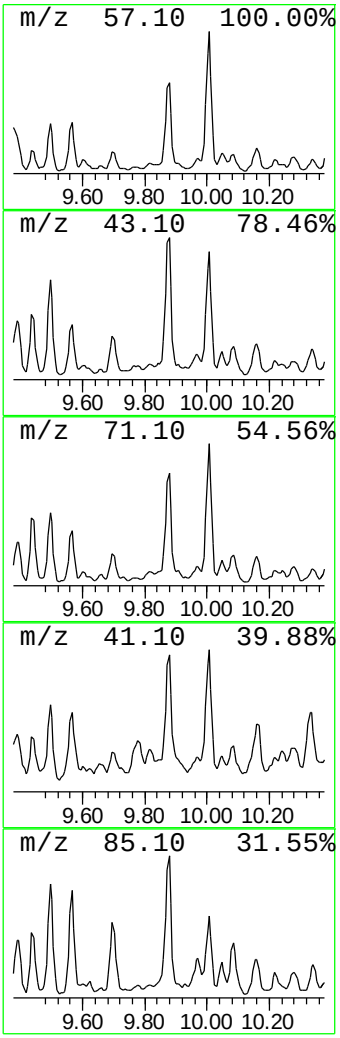
Peak Number 8 Dodecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	23.03 ng	2910780	Naphthalene-d8	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	86
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	58
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	58
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	53
5	Tridecane	184	C13H28	000629-50-5	53





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TIC Library : C:\DATABASE\NIST11.L
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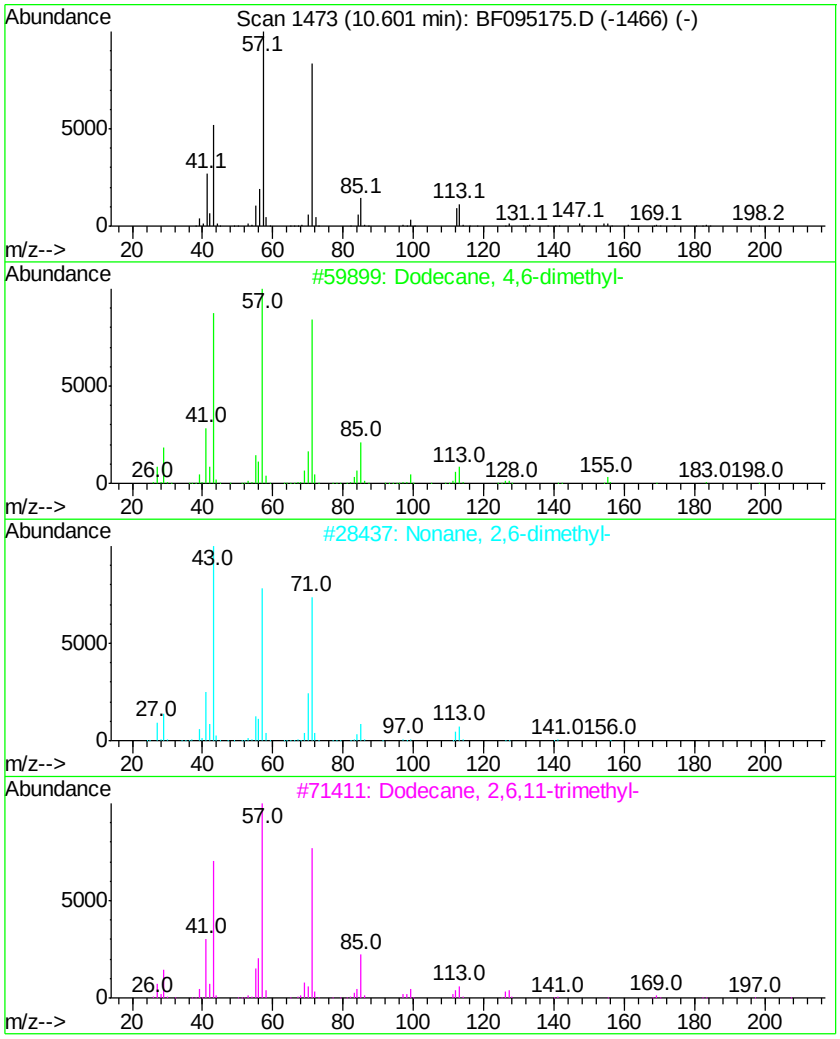
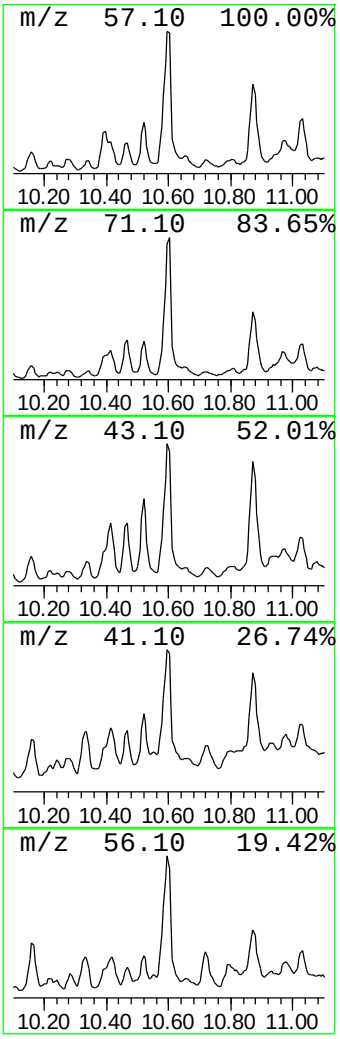
Peak Number 9 Dodecane, 4,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	28.56 ng	3610530	Naphthalene-d8	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	81
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	78
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	72
5	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	59





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

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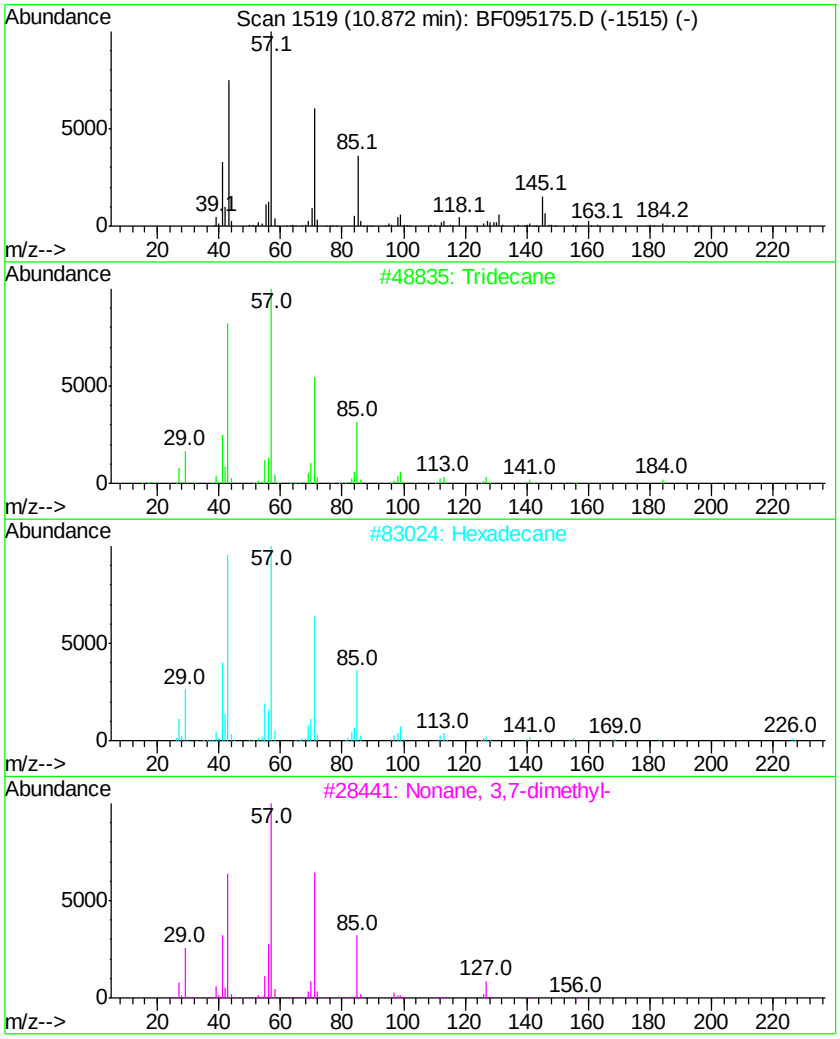
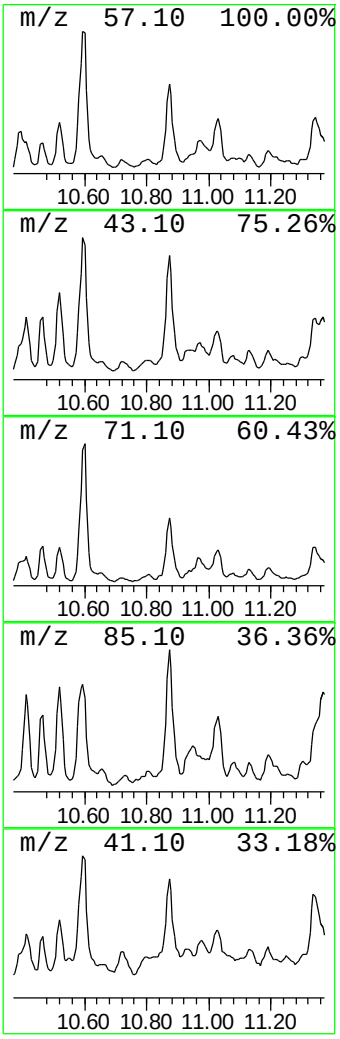
Peak Number 10 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	24.27 ng	3067610	Naphthalene-d8	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Hexadecane	226	C16H34	000544-76-3	68
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58
4	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	50
5	Tetradecane	198	C14H30	000629-59-4	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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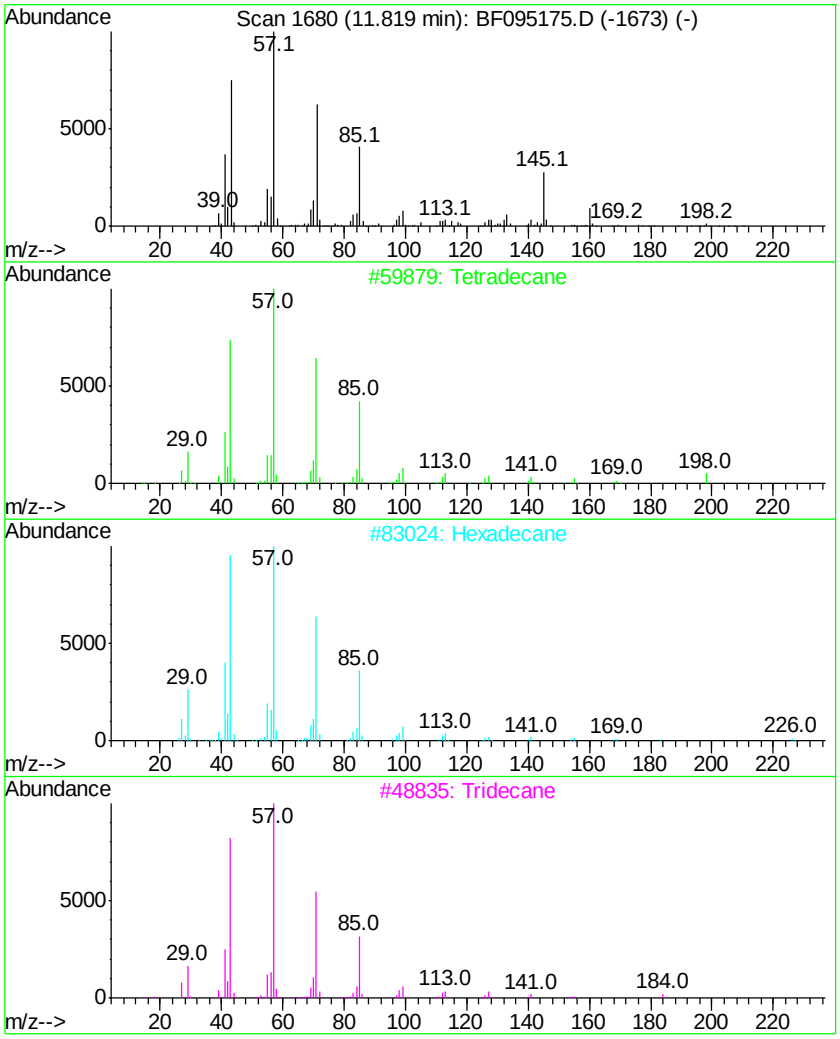
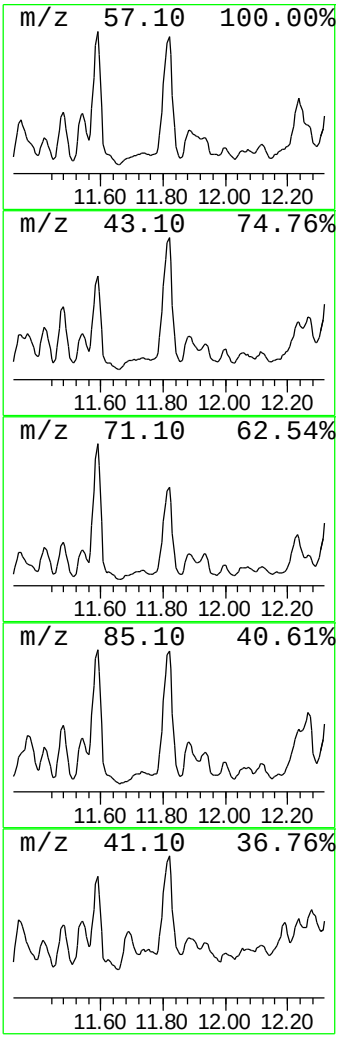
Peak Number 11 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	38.47 ng	5165160	Acenaphthene-d10	12.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Hexadecane	226	C16H34	000544-76-3	58
3	Tridecane	184	C13H28	000629-50-5	58
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	58
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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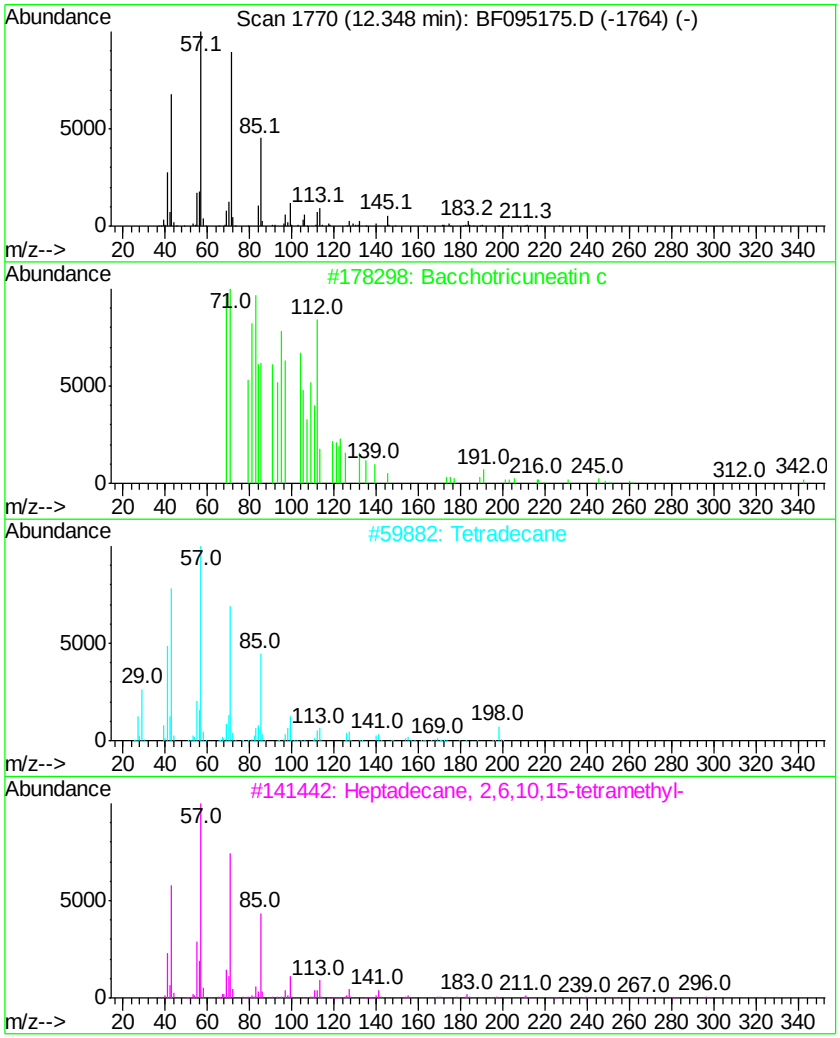
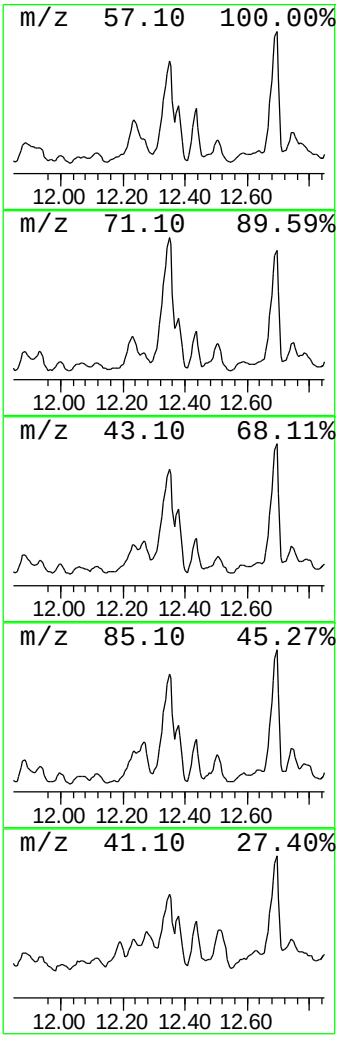
Peak Number 12 Bacchotricuneatin c Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	28.83 ng	3870500	Acenaphthene-d10	12.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	95
2	Tetradecane	198	C14H30	000629-59-4	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Decane, 5-propyl-	184	C13H28	017312-62-8	80
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	58





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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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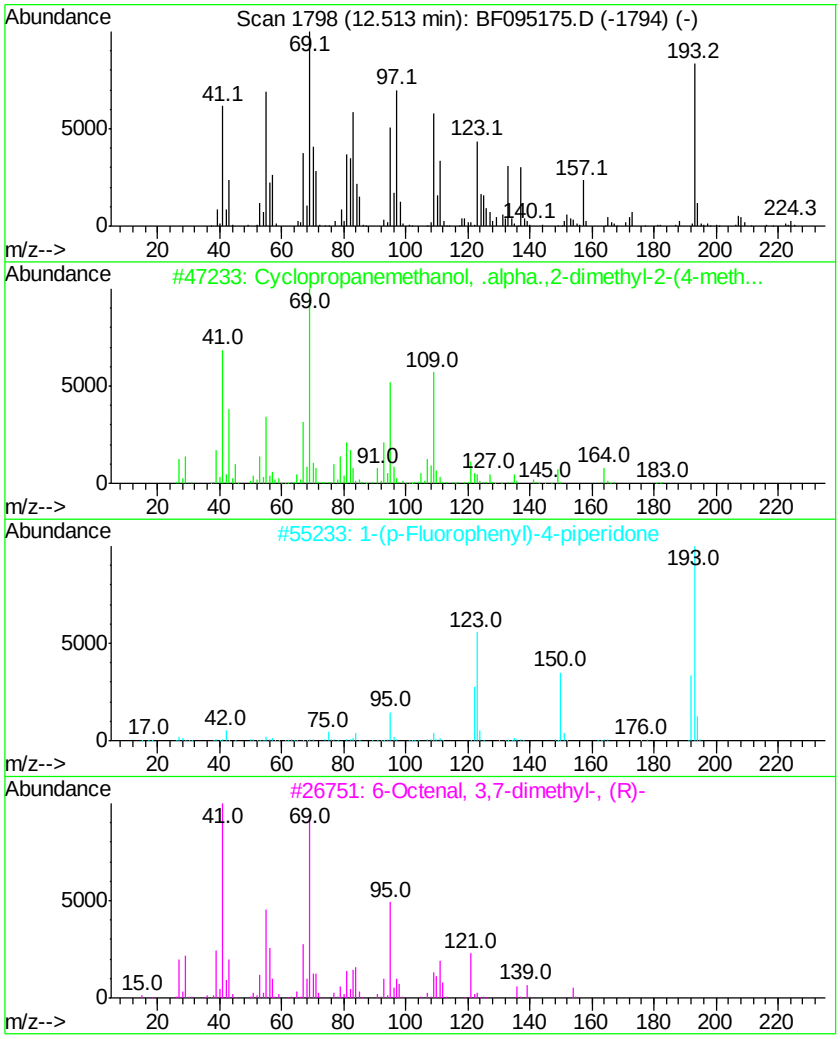
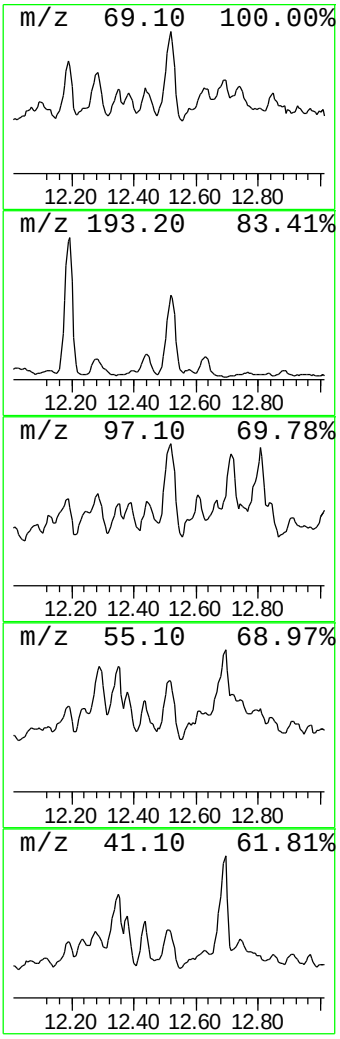
Peak Number 13 unknown12.51 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	28.64 ng	3844800	Acenaphthene-d10	12.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanemethanol, .alpha.,2-...	182	C12H22O	121959-70-4	30
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	25
3	6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	22
4	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	11
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	11





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

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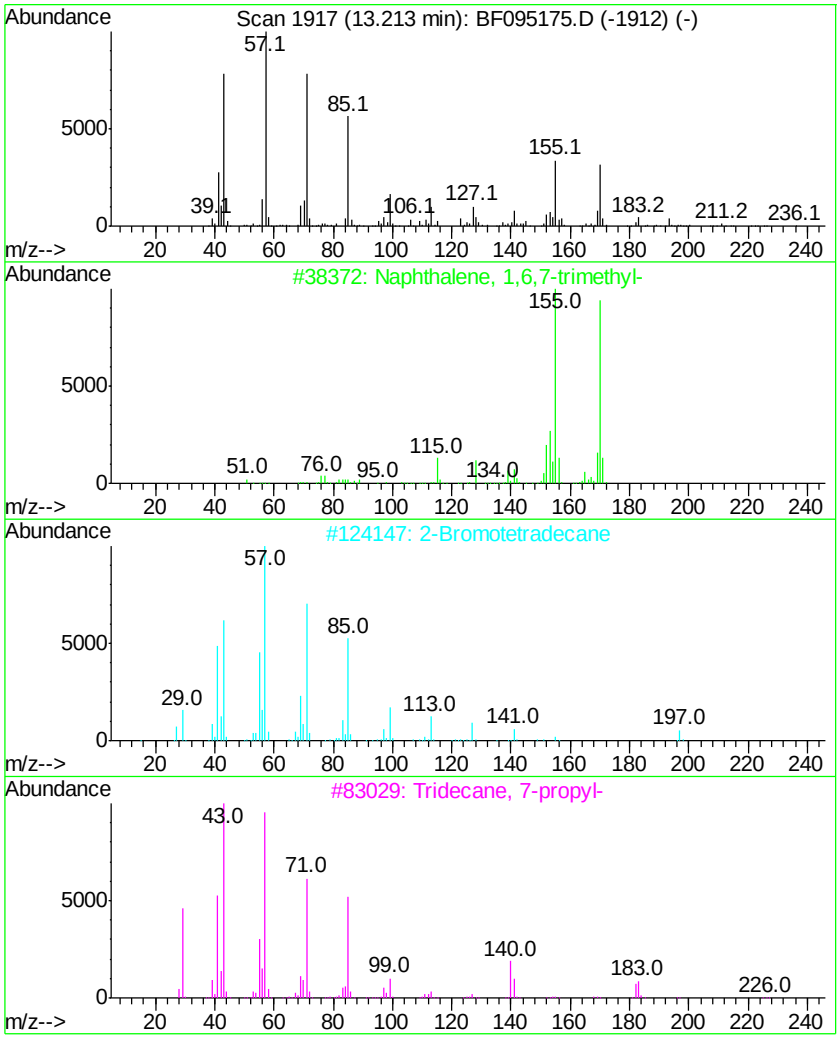
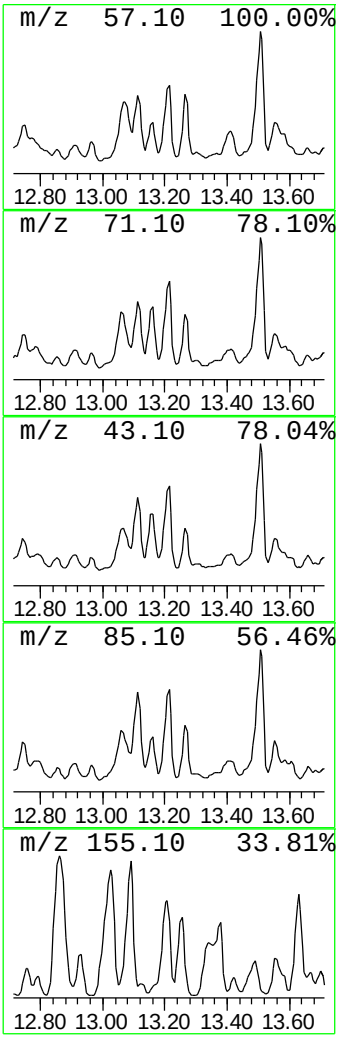
Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	27.56 ng	3700070	Acenaphthene-d10	12.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	84
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	55
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	48
4	Hentriacontane	437	C31H64	000630-04-6	46
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	46





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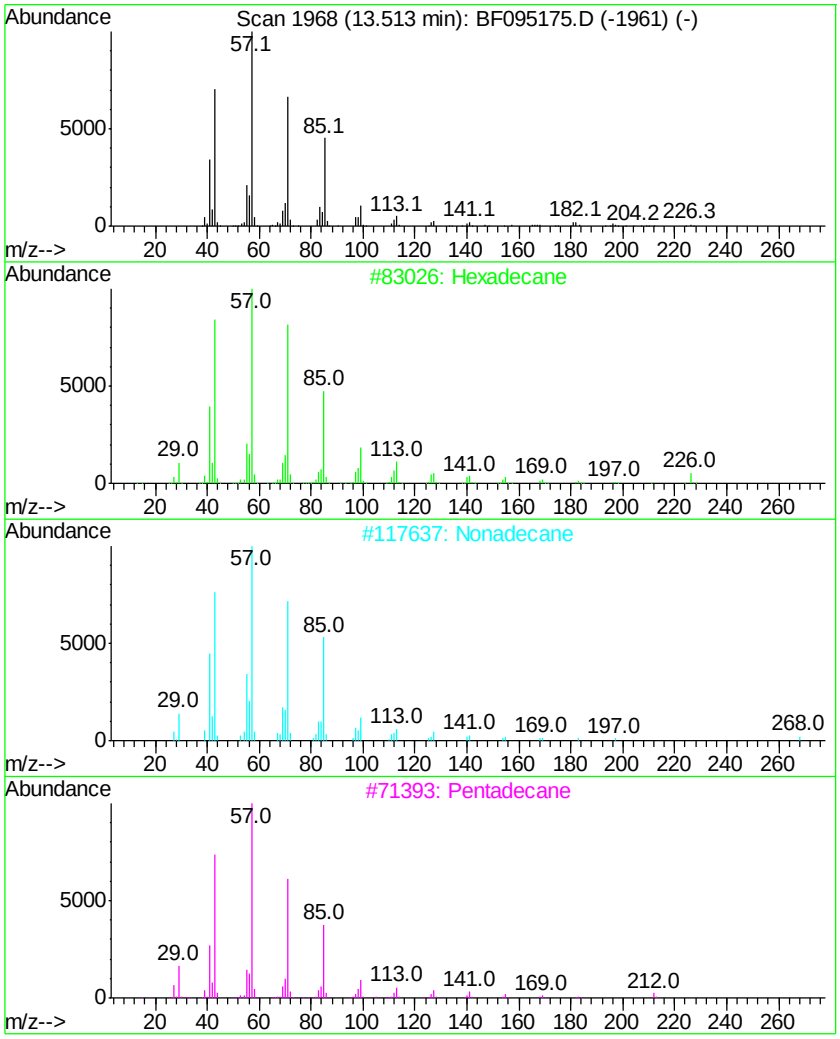
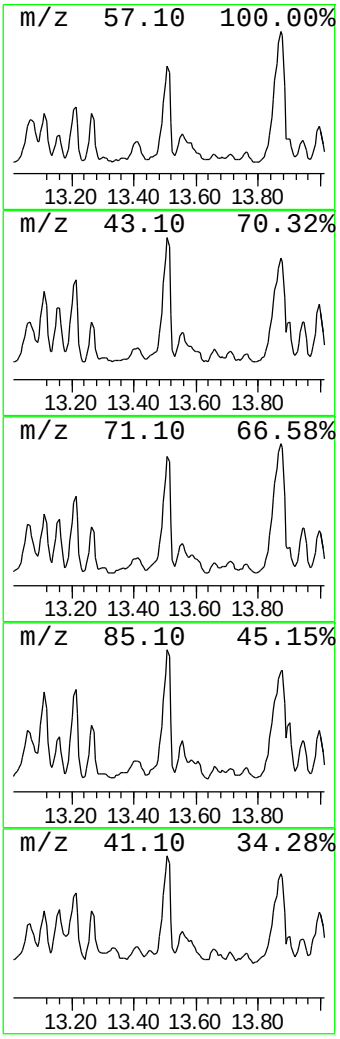
Peak Number 15 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	29.91 ng	4016490	Acenaphthene-d10	12.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	9-methylheptadecane	254	C18H38	026741-18-4	86





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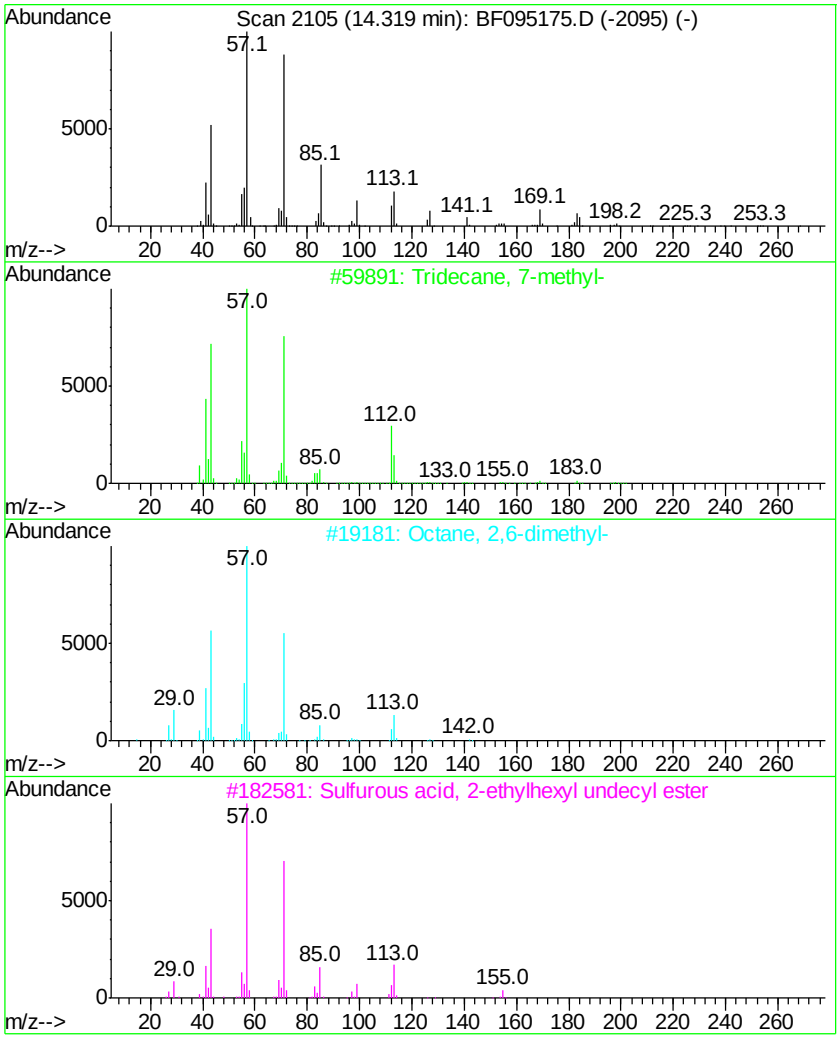
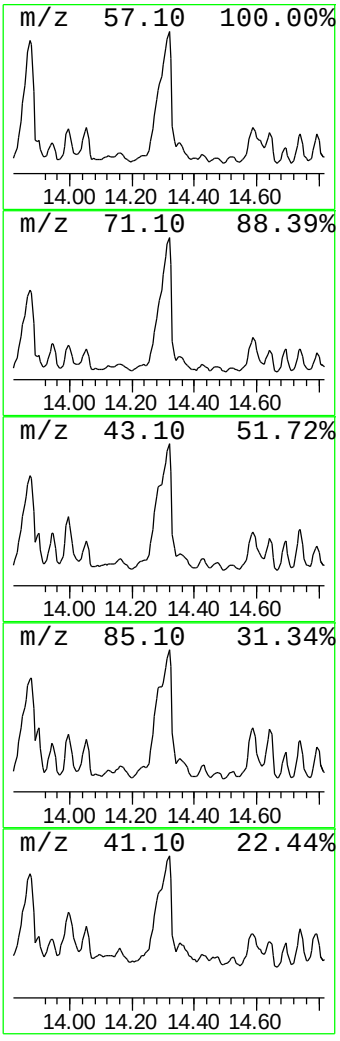
Peak Number 16 Tridecane, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	34.57 ng	8154430	Phenanthrene-d10	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	76
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59





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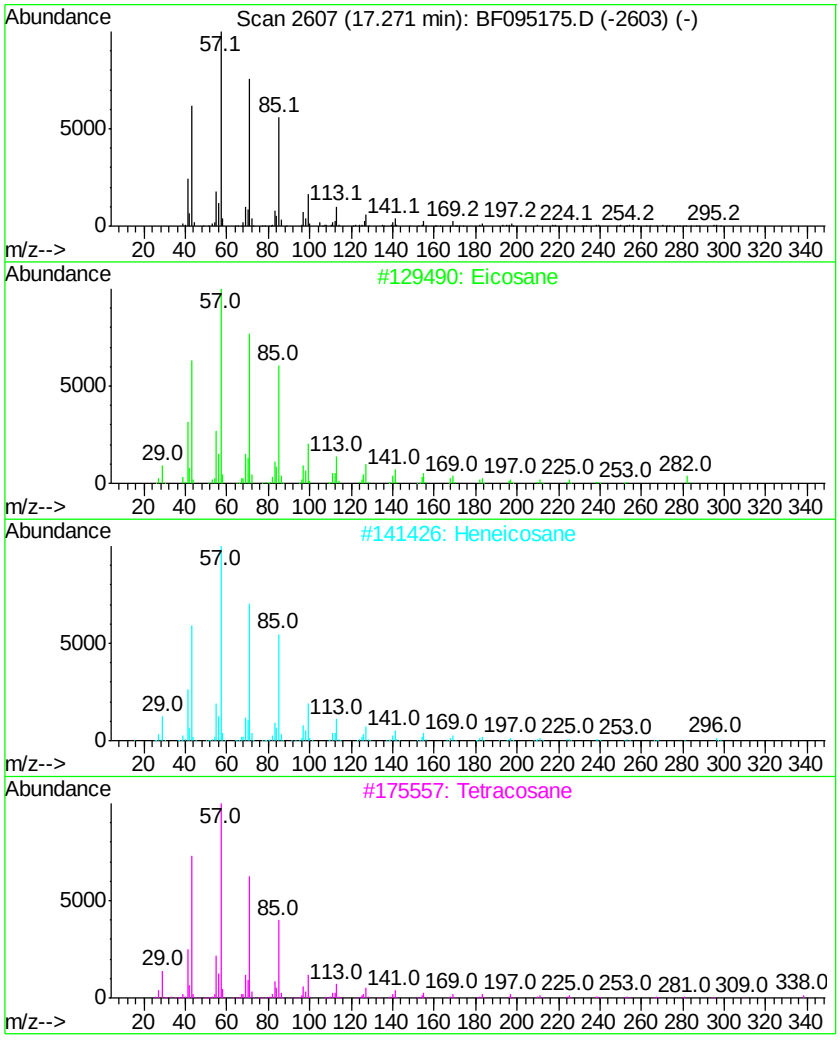
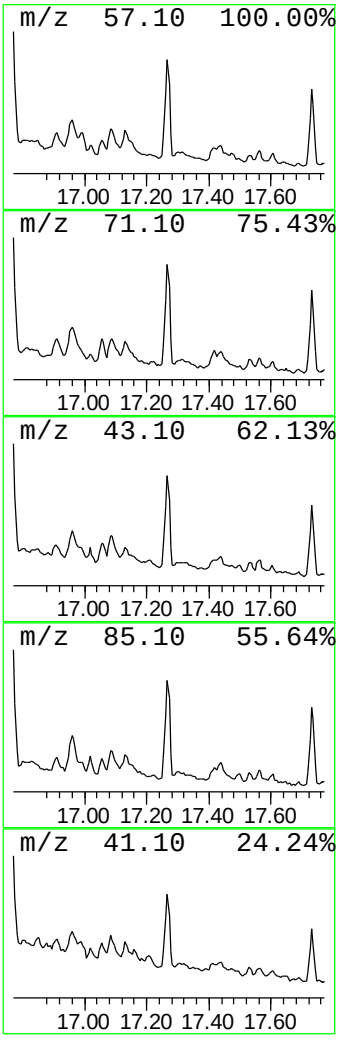
Peak Number 17 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	23.26 ng	707984	Chrysene-d12	18.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Hexadecane	226	C16H34	000544-76-3	86





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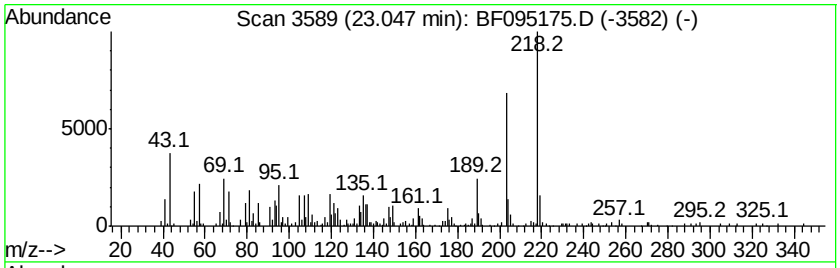
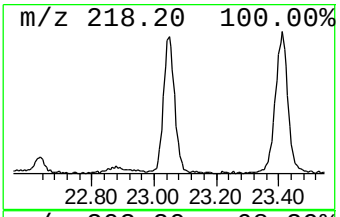
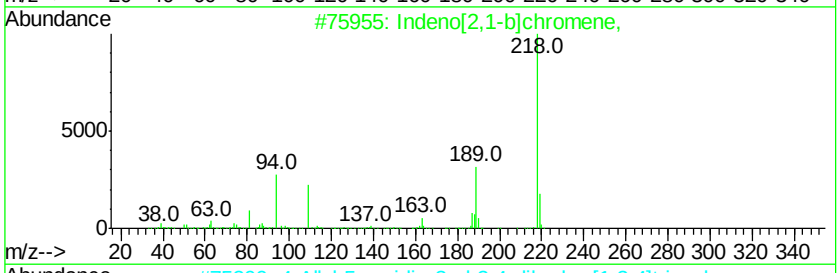
Peak Number 18 Indeno[2,1-b]chromene, Concentration Rank 14

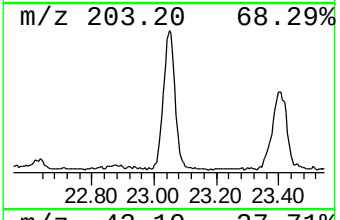
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.05	27.94 ng	653093	Perylene-d12	20.37

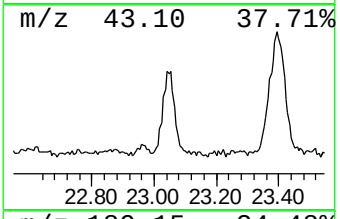
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	64
2	4-Allyl-5-pyridin-3-yl-2,4-dihyd...	218	C10H10N4S	1000300-40-5	52
3	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	52
4	2H-1-Benzopyran-2-one, 6-acetyl-...	260	C14H12O5	129812-31-3	50
5	1-Hydroxypyrene	218	C16H10O	005315-79-7	47

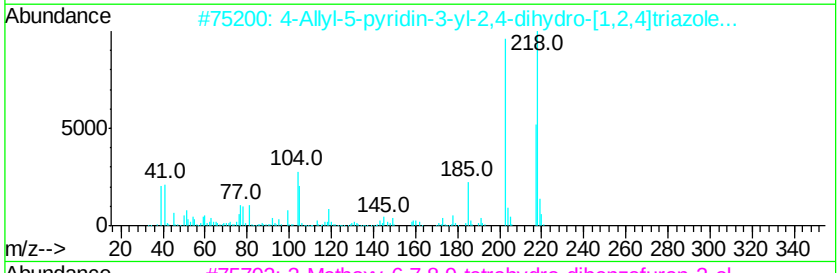


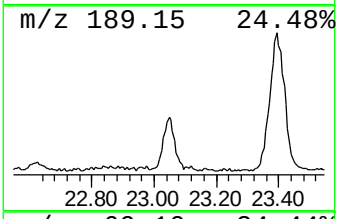


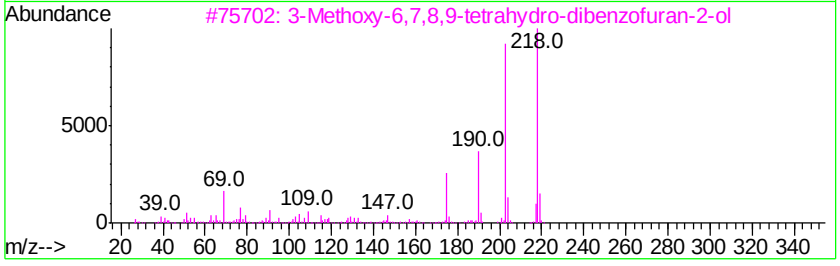


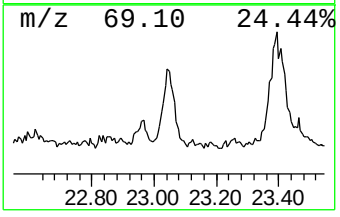












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Data File : BF095175.D
Acq On : 17 May 2017 1:20
Operator : SJ/MA
Sample : I3153-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-4

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

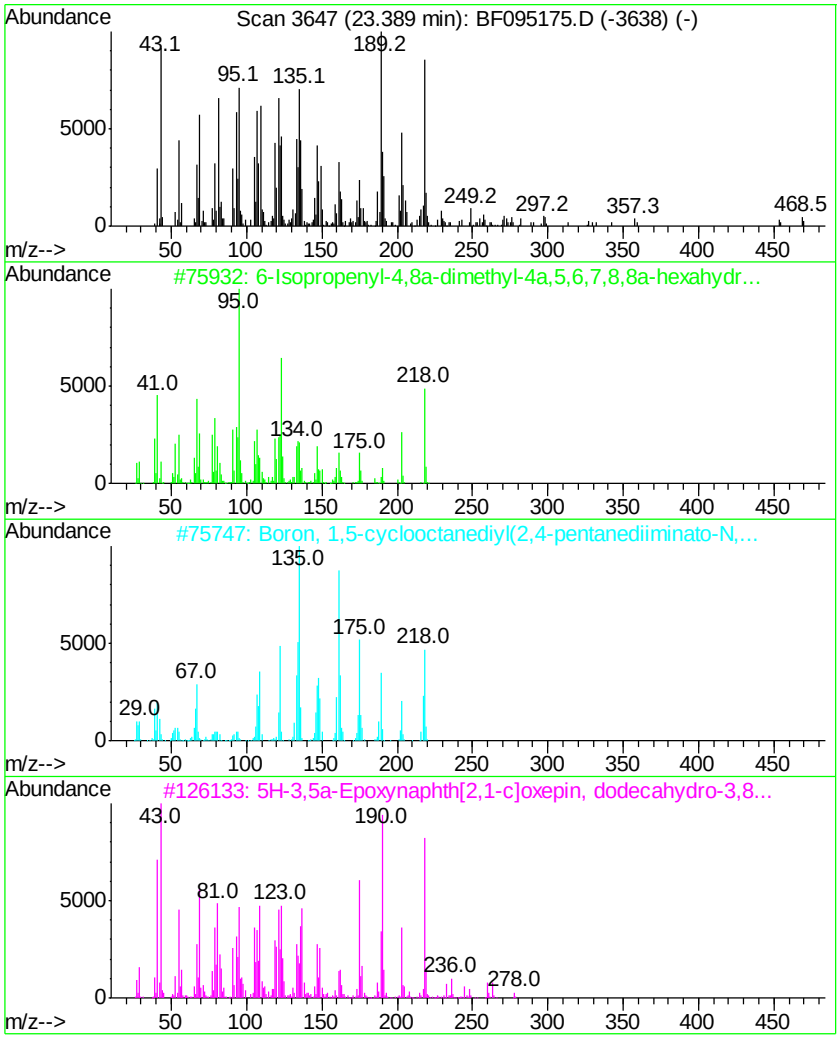
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

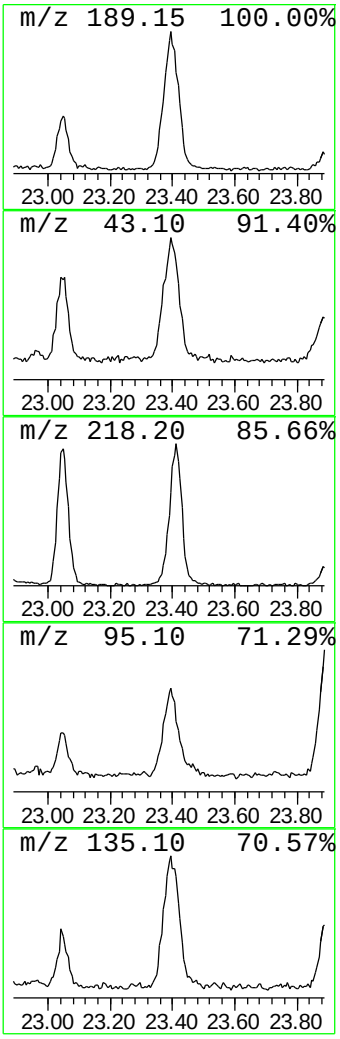
****

Peak Number 19 6-Isopropenyl-4,8a-dimethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.39	67.76 ng	1583910	Perylene-d12	20.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	78
2	Boron, 1,5-cyclooctanediyl(2,4-p...	218	C13H23BN2	136704-99-9	62
3	5H-3,5a-Epoxynaphth[2,1-c]oxepin...	278	C18H30O2	001153-34-0	52
4	(1S,6R,9S)-5,5,9,10-Tetramethylt...	218	C16H26	1000298-97-8	50
5	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095175.D
Acq On : 17 May 2017 1:20
Operator : SJ/MA
Sample : I3153-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-4

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

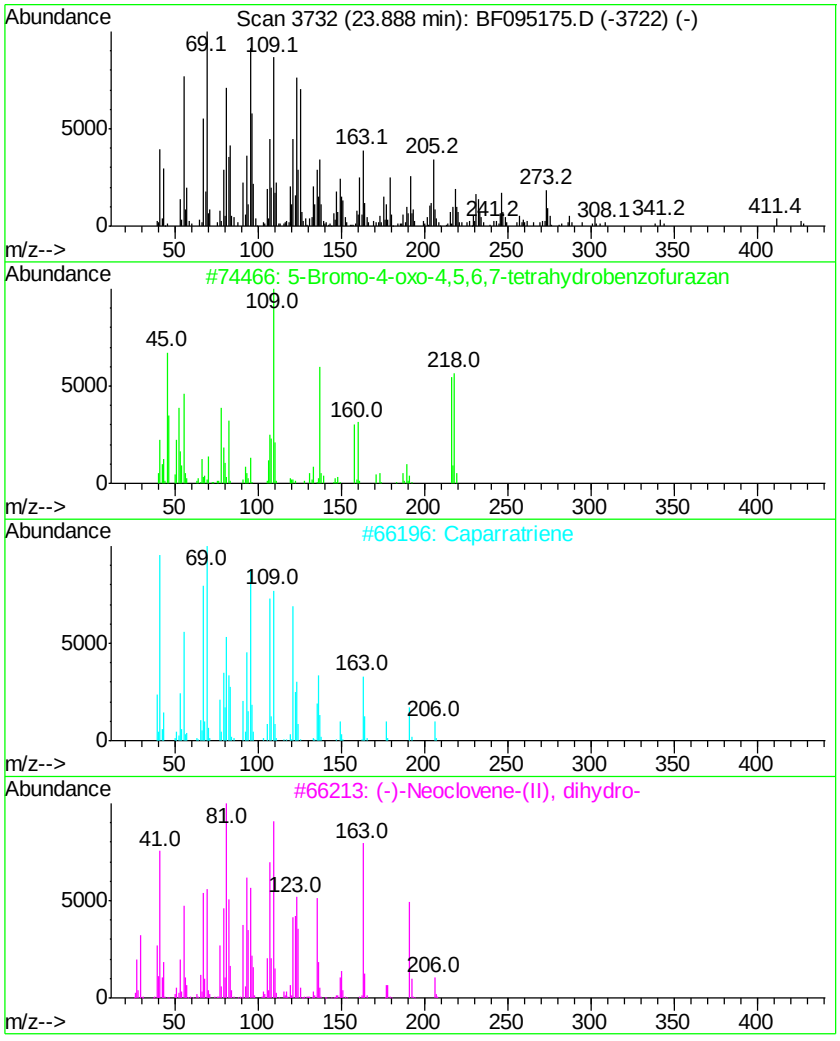
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

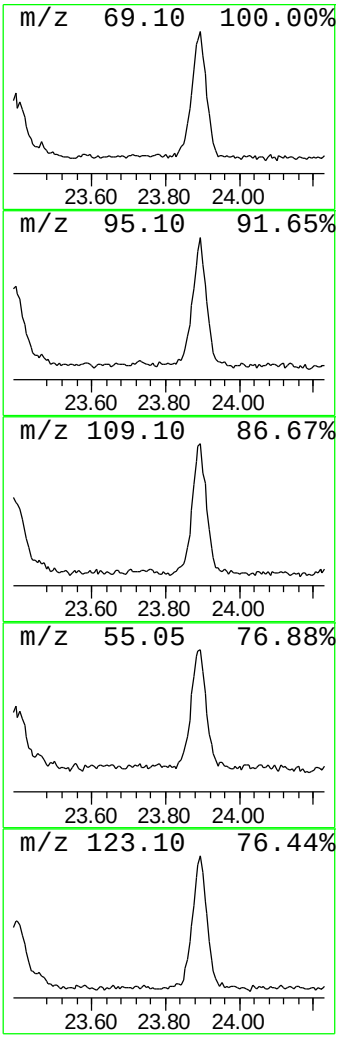
****

Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	57.83 ng	1351760	Perylene-d12	20.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	91
2	Caparratriene	206	C15H26	1000374-08-7	49
3	(-)-Neoclovene-(II), dihydro-	206	C15H26	1000152-83-6	41
4	1,3,3-Trimethyl-2-hydroxymethyl-...	222	C15H26O	1000144-10-7	30
5	Ethanone, 1-(1-ethyl-1H-pyrazol-...	138	C7H10N2O	1000316-95-0	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
Data File : BF095175.D
Acq On : 17 May 2017 1:20
Operator : SJ/MA
Sample : I3153-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-4

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
Benzene, 1-ethyl-...	7.05	27.6	ng	880076	1	7.78	638539	20.0
unknown7.44	7.44	69.5	ng	2218100	1	7.78	638539	20.0
Decane	7.58	47.7	ng	1522010	1	7.78	638539	20.0
Nonane, 2,6-dimet...	7.86	32.2	ng	1028320	1	7.78	638539	20.0
Octane, 3-ethyl-	8.32	27.5	ng	877801	1	7.78	638539	20.0
Decane, 2-methyl-	8.37	28.5	ng	910846	1	7.78	638539	20.0
Dodecane	9.88	23.0	ng	2910780	2	9.80	2528300	20.0
Dodecane, 4,6-dim...	10.60	28.6	ng	3610530	2	9.80	2528300	20.0
Tridecane	10.87	24.3	ng	3067610	2	9.80	2528300	20.0
Tetradecane	11.82	38.5	ng	5165160	3	12.65	2685320	20.0
Bacchotricuneatin c	12.35	28.8	ng	3870500	3	12.65	2685320	20.0
unknown12.51	12.51	28.6	ng	3844800	3	12.65	2685320	20.0
Naphthalene, 1,6,...	13.21	27.6	ng	3700070	3	12.65	2685320	20.0
Hexadecane	13.51	29.9	ng	4016490	3	12.65	2685320	20.0
Tridecane, 7-methyl-	14.32	34.6	ng	8154430	4	15.07	4717700	20.0
Eicosane	17.27	23.3	ng	707984	5	18.69	608669	20.0
Indeno[2,1-b]chro...	23.05	27.9	ng	653093	6	20.37	467493	20.0
6-Isopropenyl-4,8...	23.39	67.8	ng	1583910	6	20.37	467493	20.0
5-Bromo-4-oxo-4,5...	23.89	57.8	ng	1351760	6	20.37	467493	20.0