LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095182.D
Acq On : 17 May 2017 5:38
Operator : SJ/MA
Sample : I3153-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-4-4

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	3.495	258	265	278	rBV	133760	299308	14.97%	1.343%
2	5.125	538	542	568	rBV	158987	333703	16.69%	1.498%
3	5.748	644	648	677	rBV	947031	1898172	94.92%	8.520%
4	7.319	912	915	932	rBV	844653	1589546	79.49%	7.135%
5	7.442	932	936	954	rVB	1299144	1999772	100.00%	8.976%
6	7.778	988	993	1004	rBV	399986	493797	24.69%	2.216%
7	8.013	1028	1033	1046	rBV	1336945	1601797	80.10%	7.190%
8	8.672	1140	1145	1162	rBV	781275	1126598	56.34%	5.057%
9	9.136	1217	1224	1227	rBV2	19563	24573	1.23%	0.110%
10	9.789	1326	1335	1344	rBV	464726	691241	34.57%	3.103%
11	9.866	1346	1348	1353	rVB2	36856	41506	2.08%	0.186%
12	9.989	1366	1369	1375	rVV2	19240	27848	1.39%	0.125%
13	10.066	1378	1382	1389	rVB5	14364	26225	1.31%	0.118%
14	10.154	1389	1397	1400	rBV3	25321	41392	2.07%	0.186%
15	10.324	1421	1426	1429	rBV4	12089	20029	1.00%	0.090%
16	10.577	1466	1469	1472	rVB3	29226	33681	1.68%	0.151%
17	10.701	1486	1490	1493	rBV3	24205	29095	1.45%	0.131%
18	10.795	1503	1506	1509	rBV4	14309	22181	1.11%	0.100%
19	10.854	1513	1516	1521	rVB	65317	74020	3.70%	0.332%
20	11.001	1538	1541	1545	rVB4	17716	24641	1.23%	0.111%
21	11.289	1587	1590	1593	rBV4	18432	24480	1.22%	0.110%
22	11.389	1604	1607	1610	rVB3	38733	39839	1.99%	0.179%
23	11.448	1614	1617	1624	rVB3	34282	52485	2.62%	0.236%
24	11.513	1624	1628	1631	rBV3	39347	54005	2.70%	0.242%
25	11.560	1631	1636	1647	rBV	1407013	1711580	85.59%	7.683%
26	11.660	1649	1653	1658	rVB	201599	213121	10.66%	0.957%
27	11.707	1658	1661	1664	rBV2	33890	35901	1.80%	0.161%
28	11.777	1669	1673	1680	rBV	127746	187286	9.37%	0.841%
29	11.836	1680	1683	1689	rVV4	27146	41559	2.08%	0.187%
30	12.148	1732	1736	1741	rVB	144397	161796	8.09%	0.726%
31	12.254	1750	1754	1757	rBV	118175	148316	7.42%	0.666%
32	12.301	1759	1762	1765	rVB	81183	86134	4.31%	0.387%
33	12.354	1769	1771	1774	rVB2	68136	56973	2.85%	0.256%
34	12.401	1775	1779	1783	rBV3	97375	134021	6.70%	0.602%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095182.D
Acq On : 17 May 2017 5:38
Operator : SJ/MA
Sample : I3153-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-4-4

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	12.477	1787	1792	1798	rVB3	197496	334694	16.74%	1.502%
36	12.542	1800	1803	1807	rBV6	23329	33803	1.69%	0.152%
37	12.589	1807	1811	1813	rBV3	57080	92637	4.63%	0.416%
38	12.624	1813	1817	1826	rVB3	383350	697967	34.90%	3.133%
39	12.795	1844	1846	1851	rBV6	25970	33949	1.70%	0.152%
40	13.165	1905	1909	1916	rVB3	94022	152456	7.62%	0.684%
41	13.283	1926	1929	1934	rVB2	63418	76229	3.81%	0.342%
42	13.460	1955	1959	1963	rBV	192024	217659	10.88%	0.977%
43	13.824	2017	2021	2024	rVB	83440	111004	5.55%	0.498%
44	13.918	2033	2037	2047	rBV	507695	758393	37.92%	3.404%
45	14.230	2086	2090	2092	rBV	160345	201086	10.06%	0.903%
46	14.254	2092	2094	2100	rVB	184935	238989	11.95%	1.073%
47	14.959	2211	2214	2218	rBV2	121820	135788	6.79%	0.610%
48	15.024	2219	2225	2229	rVV2	354222	546600	27.33%	2.454%
49	15.065	2229	2232	2237	rVB	83432	109319	5.47%	0.491%
50	15.618	2323	2326	2332	rVB	103235	128564	6.43%	0.577%
51	15.983	2385	2388	2397	rVB3	176749	272873	13.65%	1.225%
52	16.212	2424	2427	2430	rVB	59731	58695	2.94%	0.263%
53	16.753	2517	2519	2522	rBV	42192	35788	1.79%	0.161%
54	16.801	2524	2527	2533	rBV	202942	240502	12.03%	1.080%
55	17.071	2570	2573	2575	rBV4	34081	40187	2.01%	0.180%
56	17.106	2575	2579	2583	rVB	252445	268553	13.43%	1.205%
57	17.259	2603	2605	2608	rVB4	36935	32612	1.63%	0.146%
58	17.342	2614	2619	2627	rBV	1089475	1218953	60.95%	5.471%
59	17.700	2678	2680	2683	rBV2	29816	35185	1.76%	0.158%
60	18.253	2771	2774	2778	rVB	36735	49107	2.46%	0.220%
61	18.436	2802	2805	2807	rBV2	21842	20819	1.04%	0.093%
62	18.465	2807	2810	2815	rVB2	42528	59028	2.95%	0.265%
63	18.600	2830	2833	2835	rBV4	26589	37402	1.87%	0.168%
64	18.689	2843	2848	2852	rBV2	466476	649807	32.49%	2.917%
65	18.742	2852	2857	2862	rVB2	341489	516898	25.85%	2.320%
66	18.924	2883	2888	2890	rBV6	28474	44429	2.22%	0.199%
67	19.200	2932	2935	2939	rBV	27644	28933	1.45%	0.130%
68	19.812	3035	3039	3043	rVB	245412	268812	13.44%	1.207%
69	19.959	3061	3064	3068	rBV	144616	213575	10.68%	0.959%
70	20.077	3081	3084	3085	rBV	26596	27282	1.36%	0.122%
71	20.253	3111	3114	3119	rBV	81858	95375	4.77%	0.428%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I3153-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-4-4

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

72	20.318	3121	3125	3128	rVV	87147	109791	5.49%	0.493%
73	20.365	3130	3133	3143	rVB	281504	382474	19.13%	1.717%
74	20.659	3178	3183	3185	rBV5	31423	66097	3.31%	0.297%
75	21.712	3358	3362	3367	rBV	57647	104557	5.23%	0.469%
76	22.100	3425	3428	3439	rVB	40873	82660	4.13%	0.371%
77	22.753	3535	3539	3540	rBV3	14739	20600	1.03%	0.092%
78	23.029	3585	3586	3594	rVB8	21974	37835	1.89%	0.170%
79	23.382	3643	3646	3647	rBV3	19017	20218	1.01%	0.091%
80	23.871	3723	3729	3730	rBV6	12926	23496	1.17%	0.105%

Sum of corrected areas: 22278301

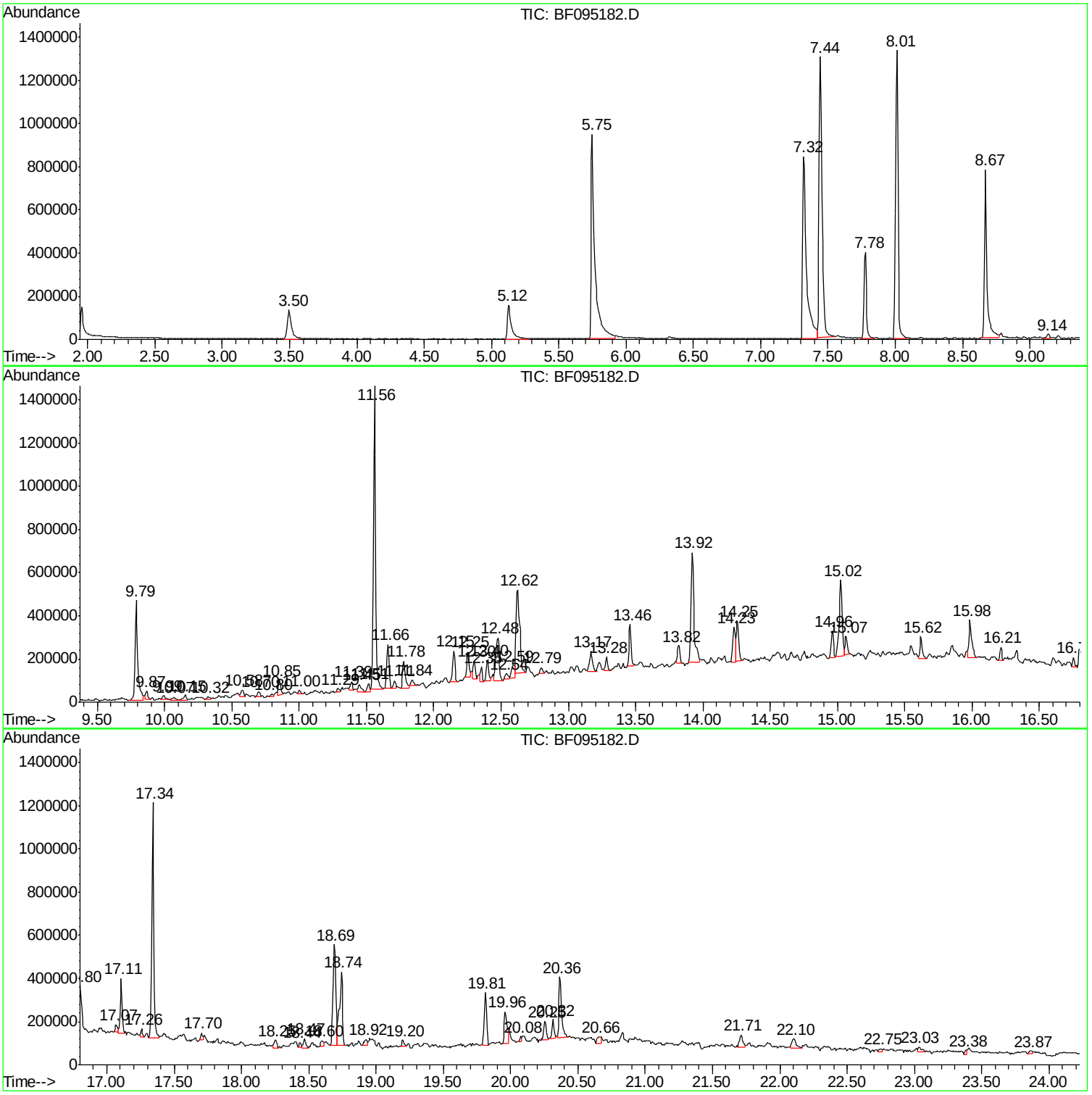
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095182.D
Acq On : 17 May 2017 5:38
Operator : SJ/MA
Sample : I3153-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-4-4

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\
Data File : BF095182.D
Acq On : 17 May 2017 5:38
Operator : SJ/MA
Sample : I3153-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-4-4

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

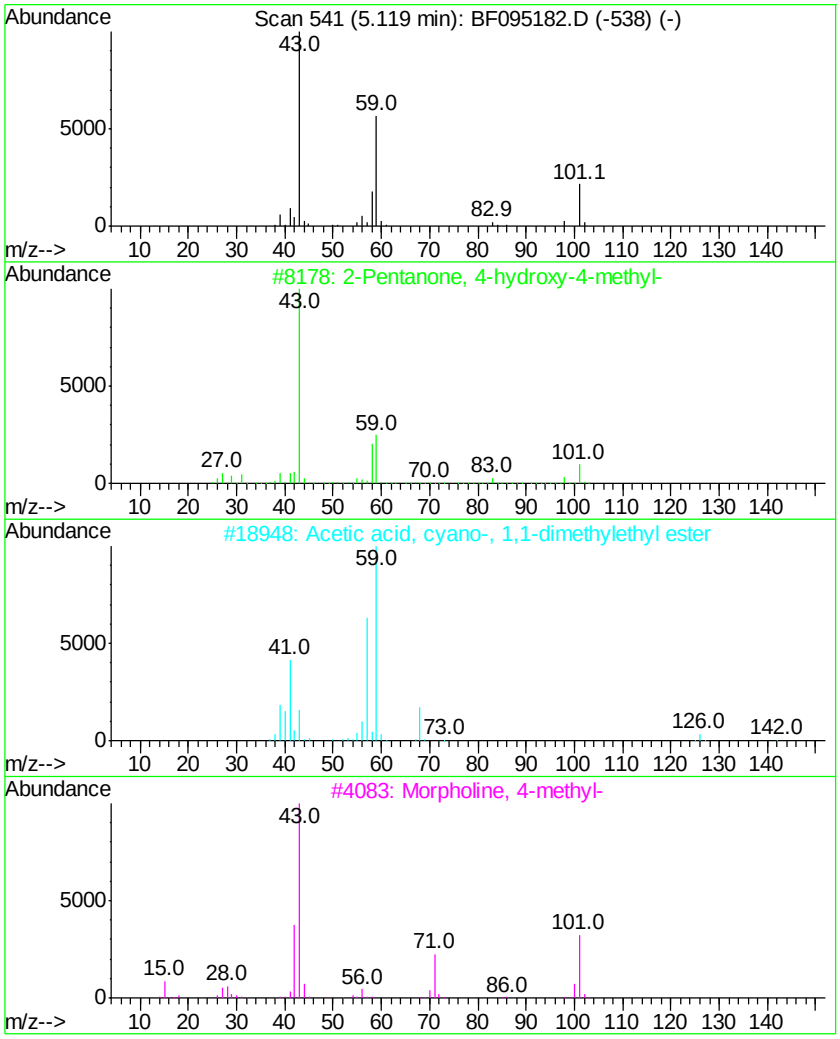
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

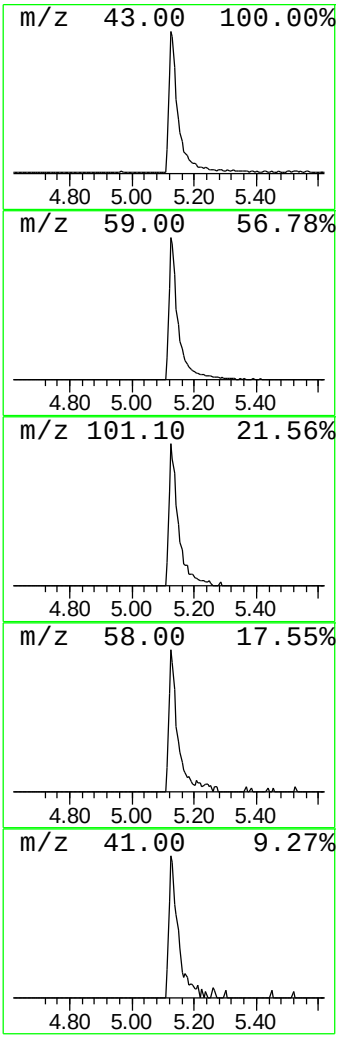
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	13.52 ng	333703	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Acetone	58	C3H6O	000067-64-1	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095182.D
Acq On : 17 May 2017 5:38
Operator : SJ/MA
Sample : I3153-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-4-4

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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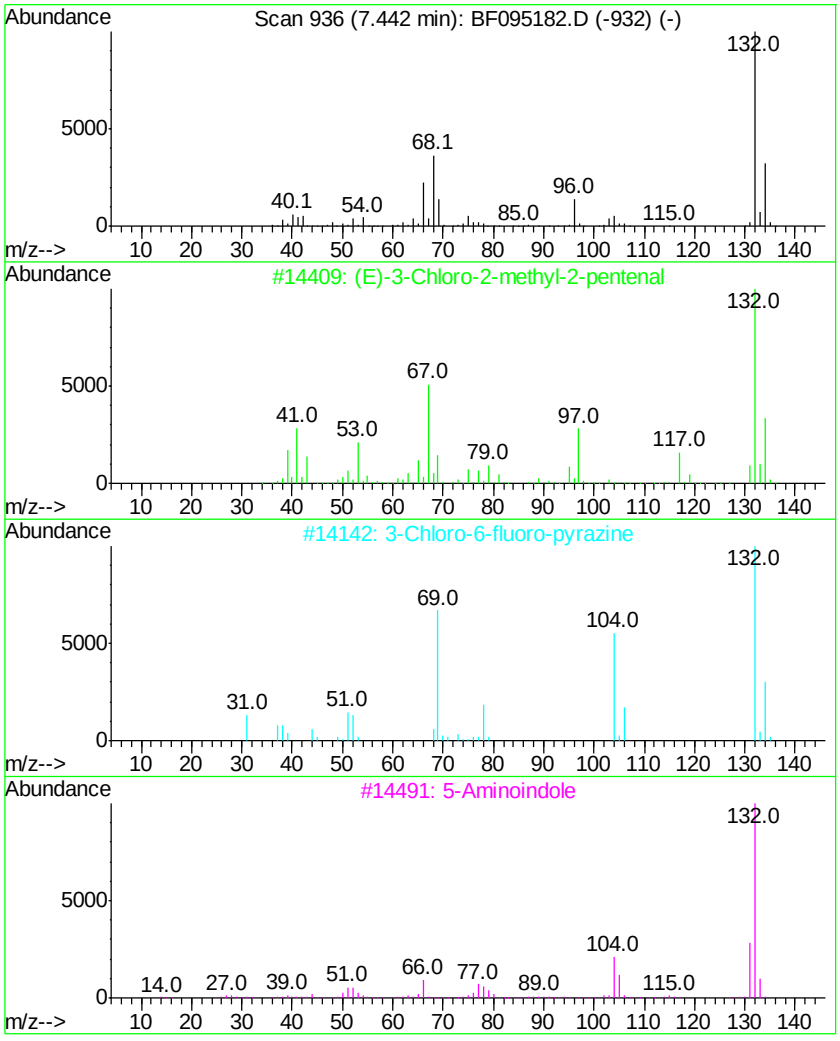
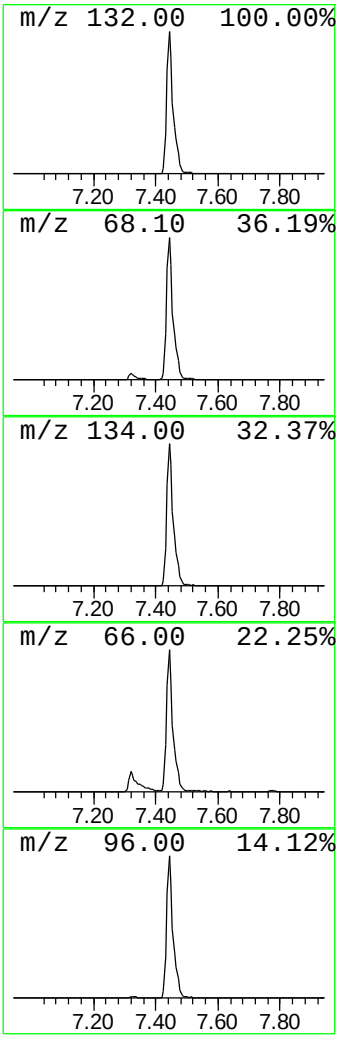
Peak Number 3 unknown7.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	81.00 ng	1999770	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095182.D
Acq On : 17 May 2017 5:38
Operator : SJ/MA
Sample : I3153-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-4-4

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

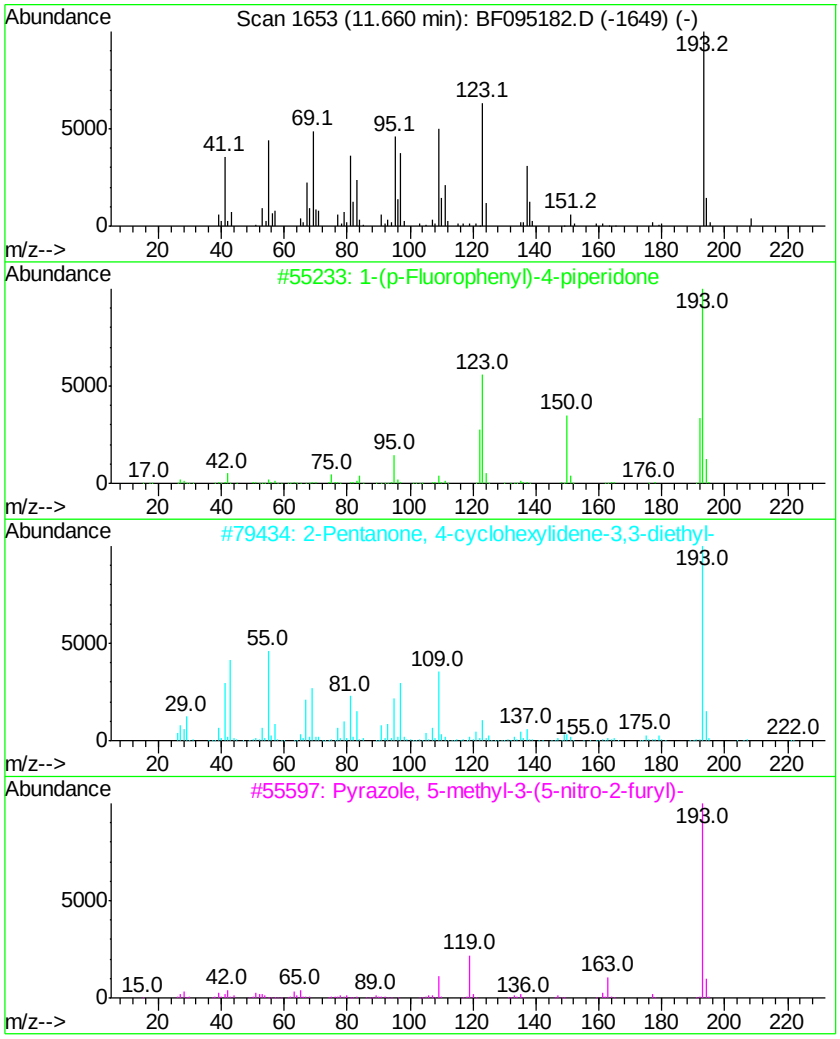
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

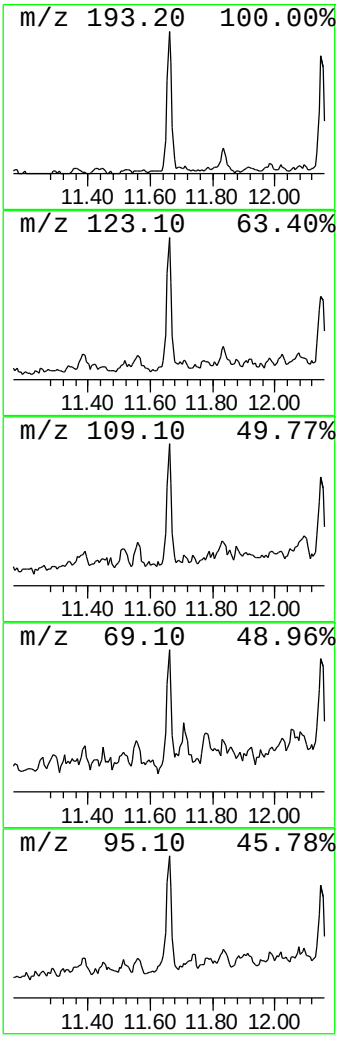
****

Peak Number 5 unknown11.66 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	6.11 ng	213121	Acenaphthene-d10	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	32
3	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	25
4	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	22
5	Ethanone, 1-(3-fluorophenyl)-	138	C8H7FO	000455-36-7	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095182.D
Acq On : 17 May 2017 5:38
Operator : SJ/MA
Sample : I3153-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-4-4

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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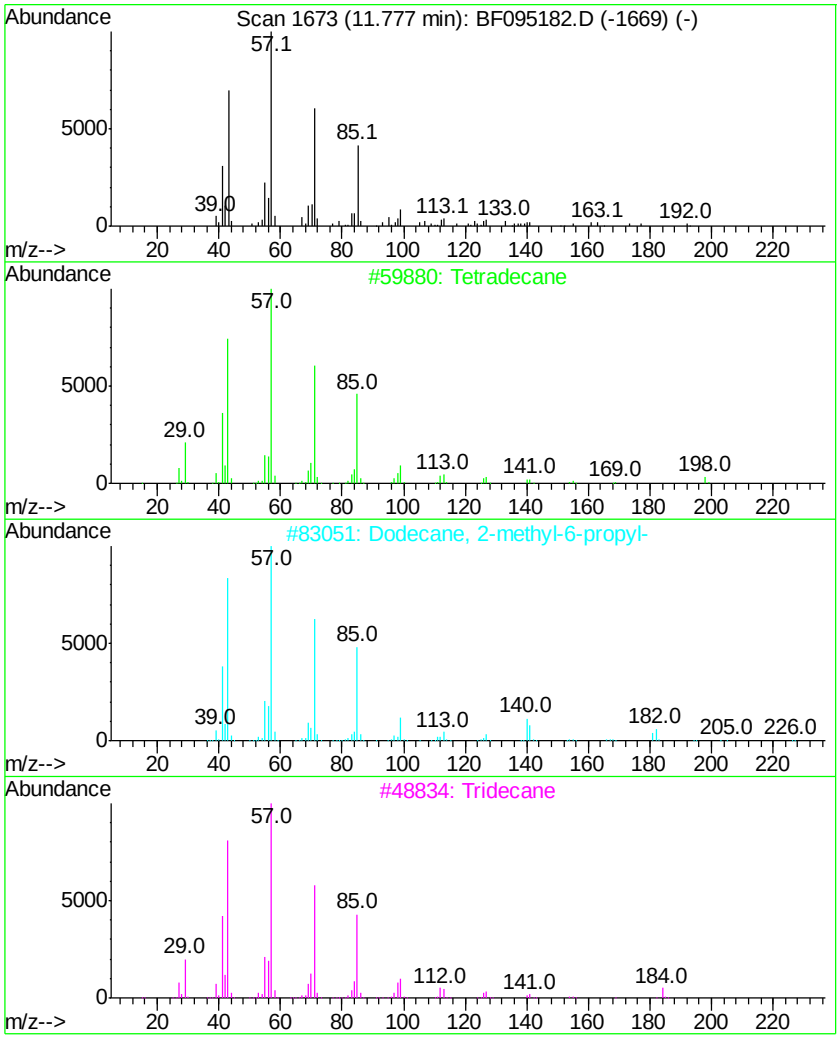
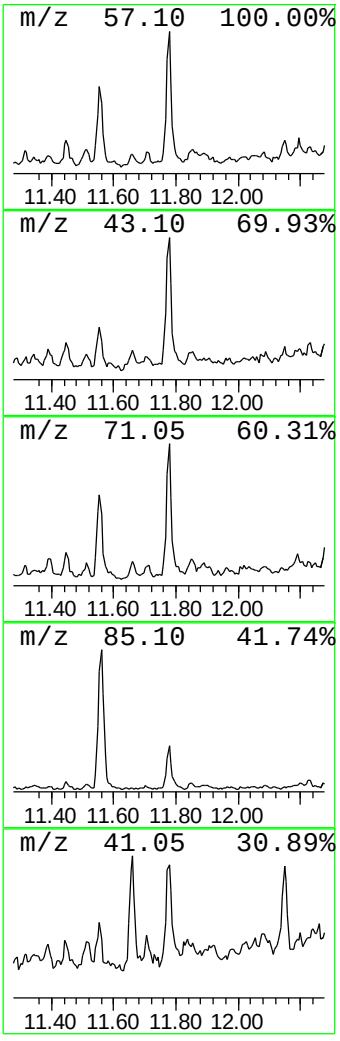
Peak Number 6 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	5.37 ng	187286	Acenaphthene-d10	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Nonadecane	268	C19H40	000629-92-5	83
5	Pentadecane	212	C15H32	000629-62-9	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
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Sample : I3153-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-4-4

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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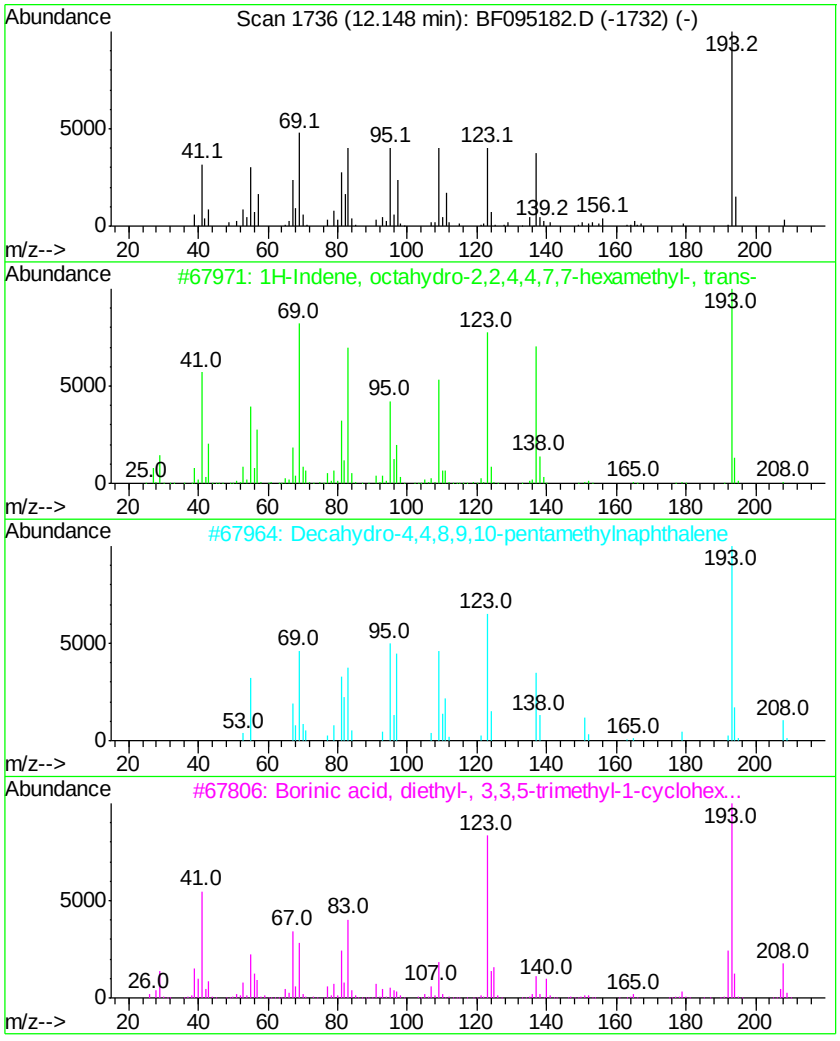
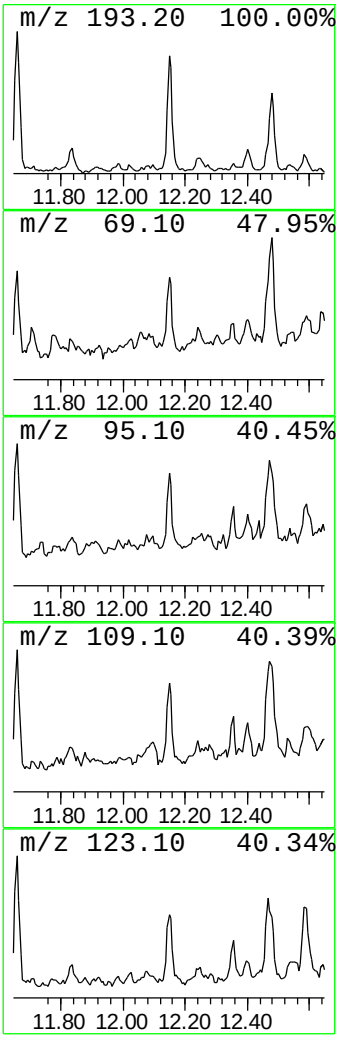
Peak Number 7 1H-Indene, octahydro-2,2,4,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	4.64 ng	161796	Acenaphthene-d10	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	50
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	42
3	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	37
4	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
5	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095182.D
Acq On : 17 May 2017 5:38
Operator : SJ/MA
Sample : I3153-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-4-4

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

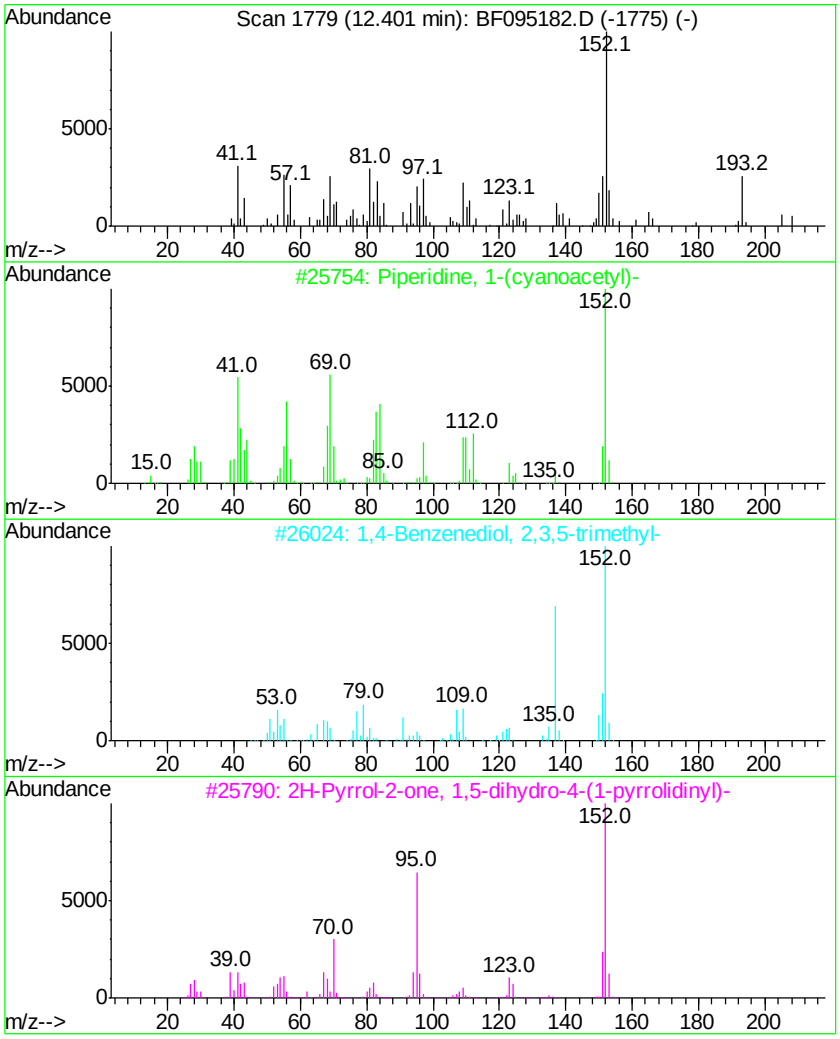
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

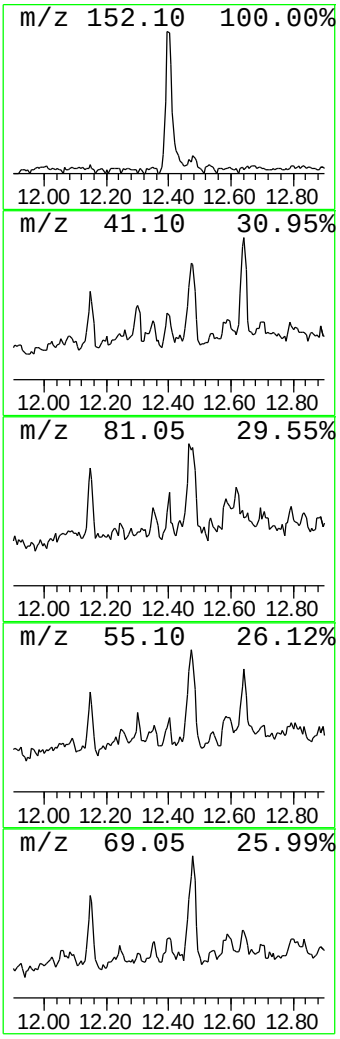
****

Peak Number 8 Piperidine, 1-(cyanoacetyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	3.84 ng	134021	Acenaphthene-d10	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperidine, 1-(cyanoacetyl)-	152	C8H12N2O	015029-30-8	53
2	1,4-Benzenediol, 2,3,5-trimethyl-	152	C9H12O2	000700-13-0	47
3	2H-Pyrrol-2-one, 1,5-dihydro-4-(...	152	C8H12N2O	105776-93-0	47
4	6,7,8,9-Tetrahydro-5H-[1,2,4]tri...	152	C7H12N4	052333-20-7	47
5	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	47





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Data File : BF095182.D
Acq On : 17 May 2017 5:38
Operator : SJ/MA
Sample : I3153-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-4-4

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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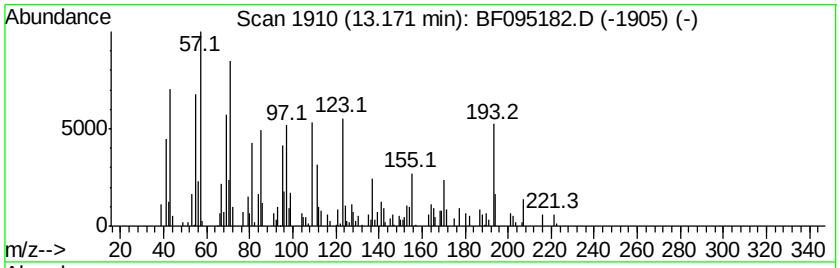
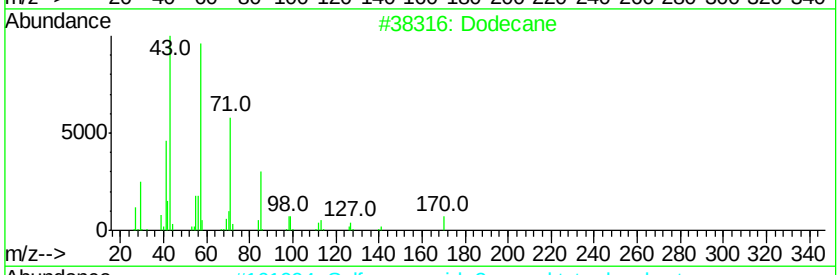
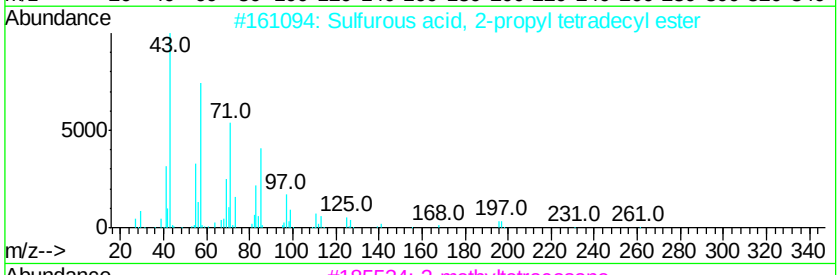
Peak Number 10 Dodecane Concentration Rank 17

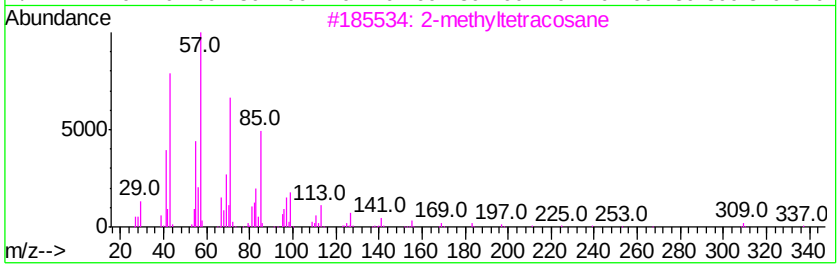
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	4.37 ng	152456	Acenaphthene-d10	12.62

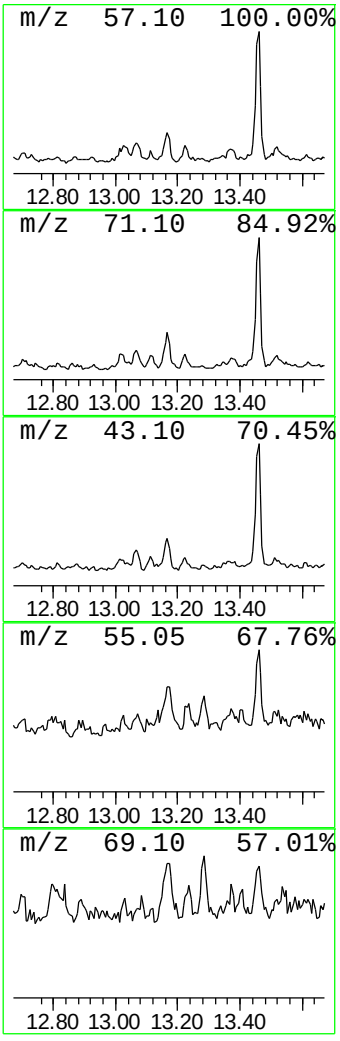
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	50
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	46
3	2-methyltetracosane	352	C25H52	1000376-72-6	46
4	Nonadecane	268	C19H40	000629-92-5	43
5	Oxalic acid, bis(6-ethyloct-3-yl...	370	C22H42O4	1000309-34-6	43











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Data File : BF095182.D
Acq On : 17 May 2017 5:38
Operator : SJ/MA
Sample : I3153-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-4-4

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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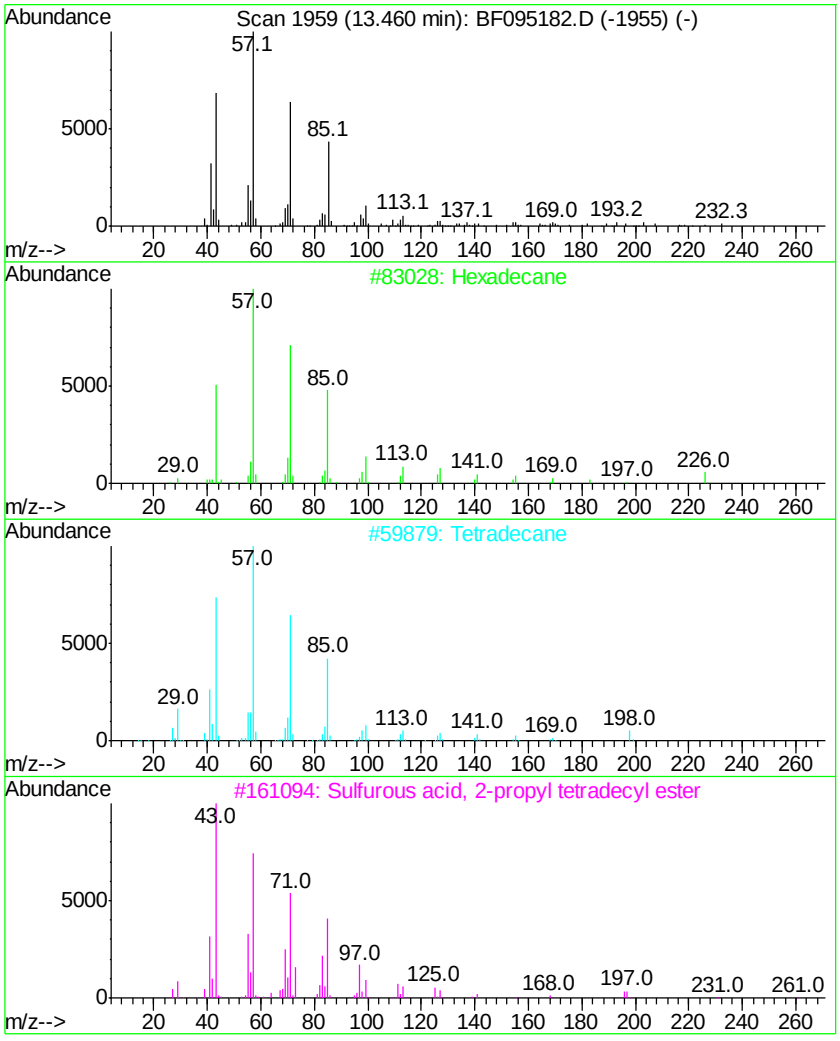
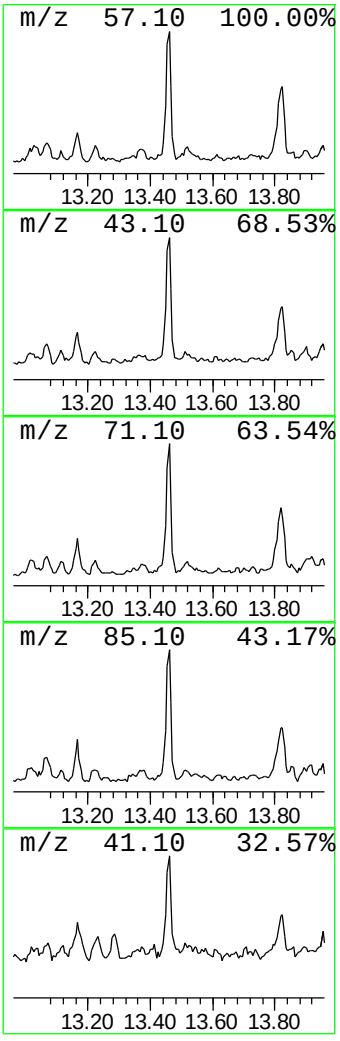
Peak Number 11 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	6.24 ng	217659	Acenaphthene-d10	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tetradecane	198	C14H30	000629-59-4	90
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tritetracontane	605	C43H88	007098-21-7	90





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ClientSampleId : DS-4-4

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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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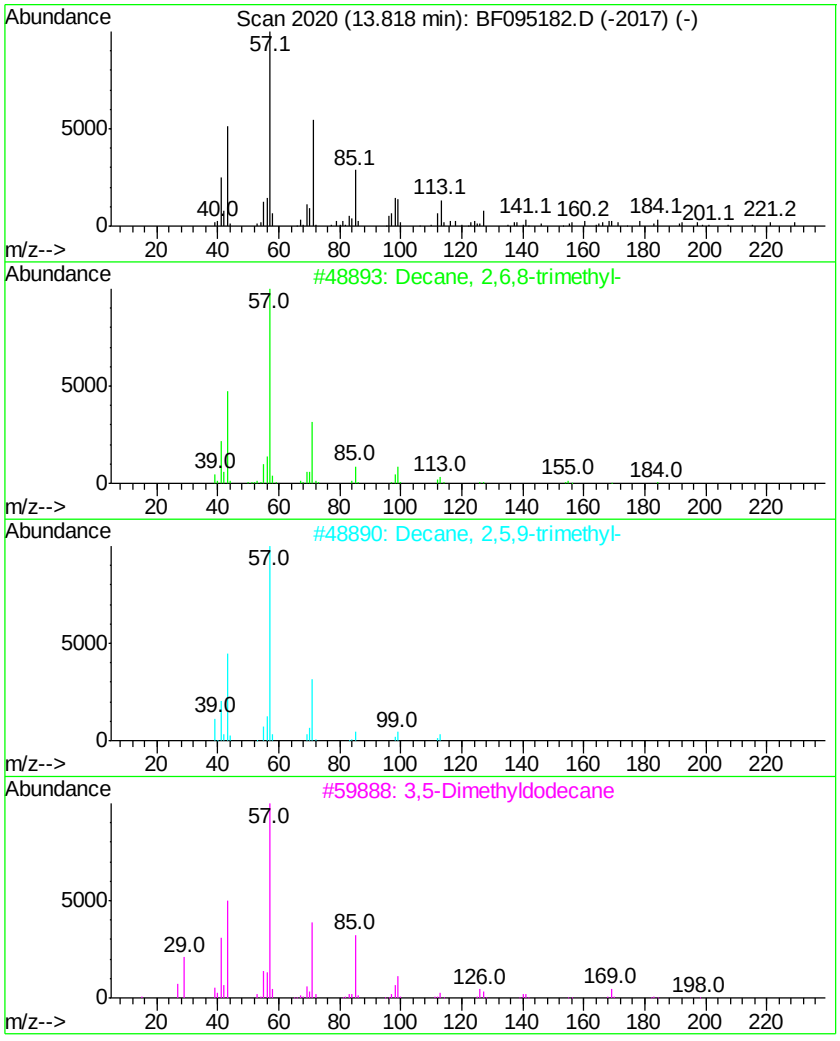
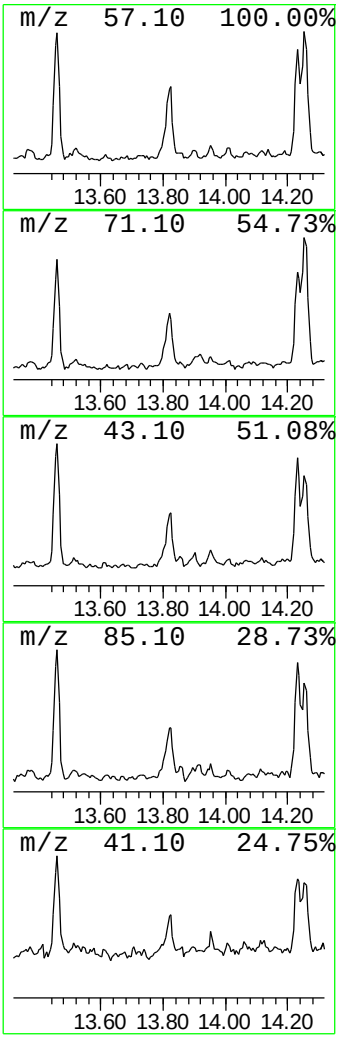
Peak Number 12 Decane, 2,6,8-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	4.06 ng	111004	Phenanthrene-d10	15.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	81
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	59
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	59
5	Nonane, 2-methyl-	142	C10H22	000871-83-0	58





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Sample : I3153-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-4-4

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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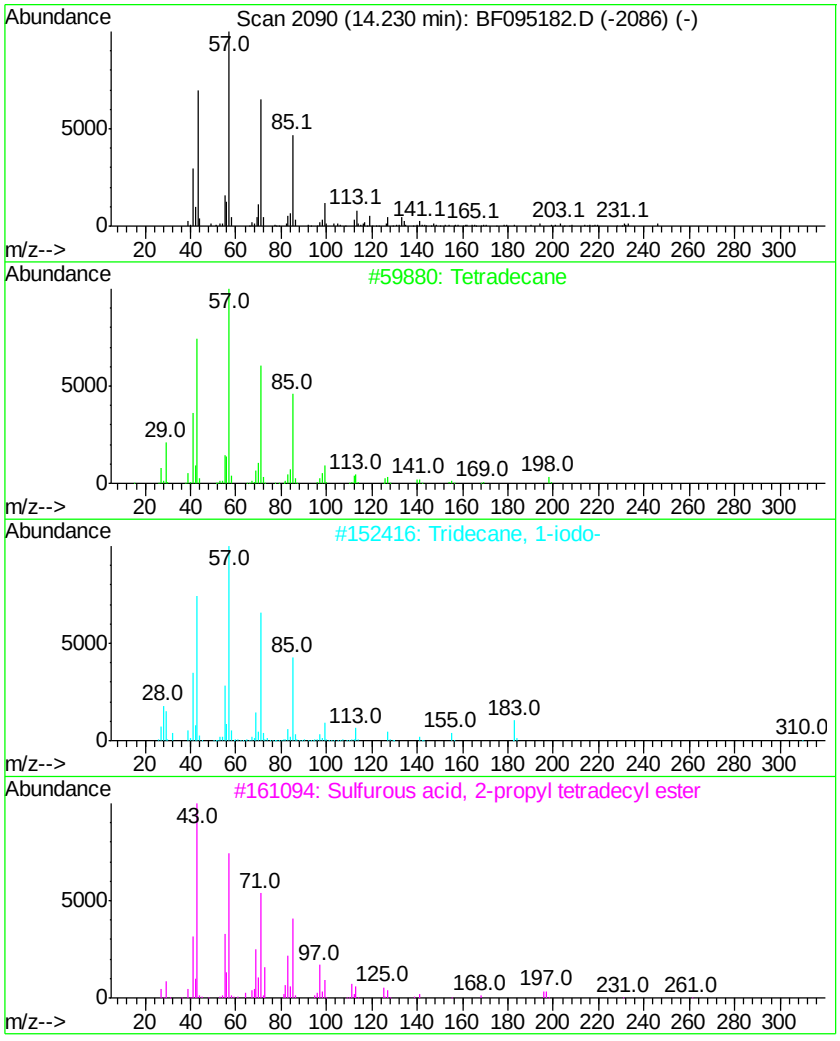
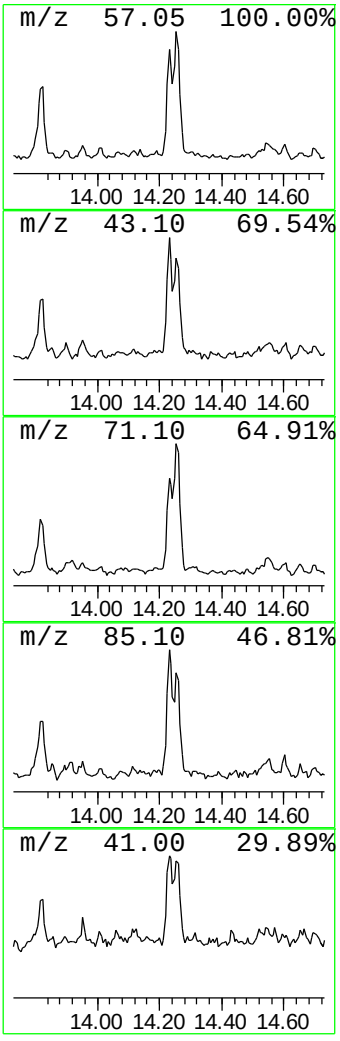
Peak Number 13 Tridecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	7.36 ng	201086	Phenanthrene-d10	15.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	80
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	80
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	72





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Sample : I3153-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-4-4

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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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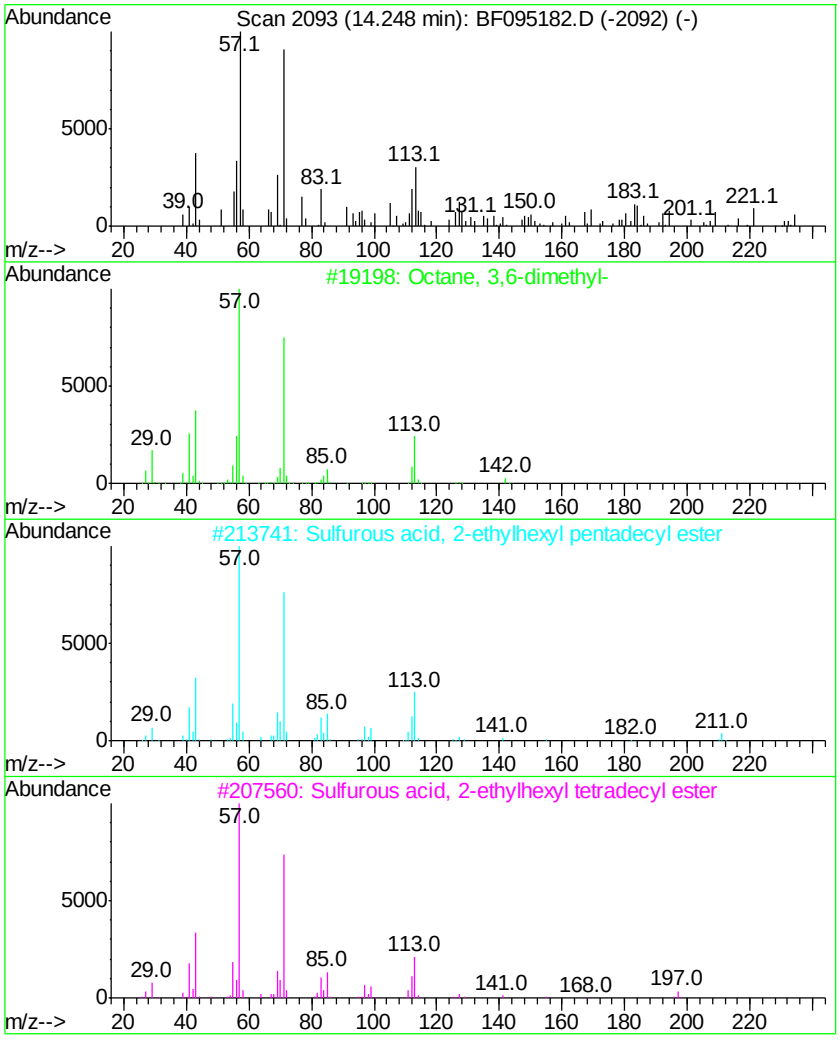
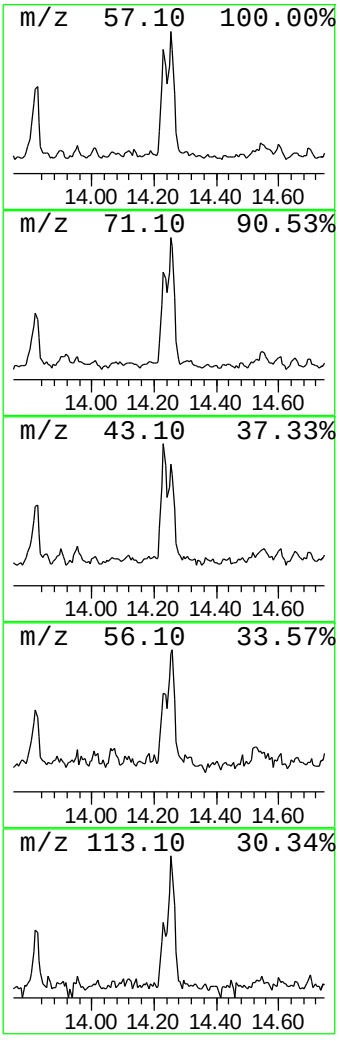
Peak Number 14 Octane, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	8.74 ng	238989	Phenanthrene-d10	15.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	74
2	Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	64
3	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	64
4	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	59
5	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	59





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Sample : I3153-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-4-4

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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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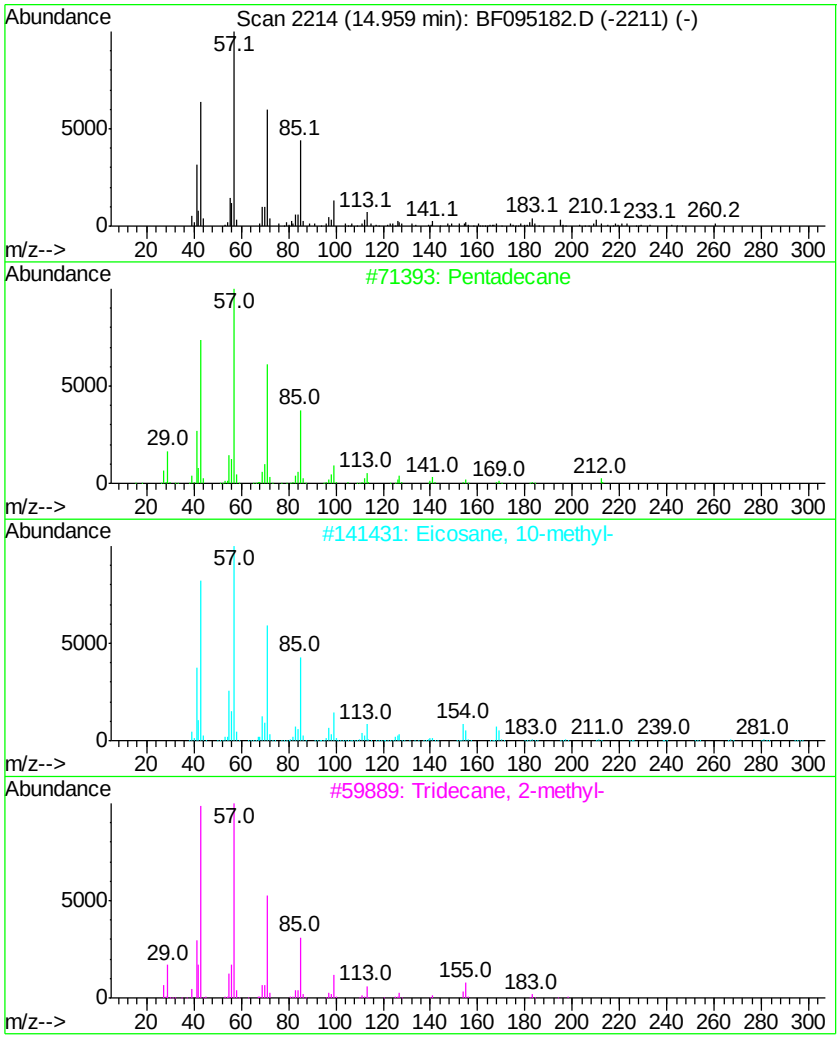
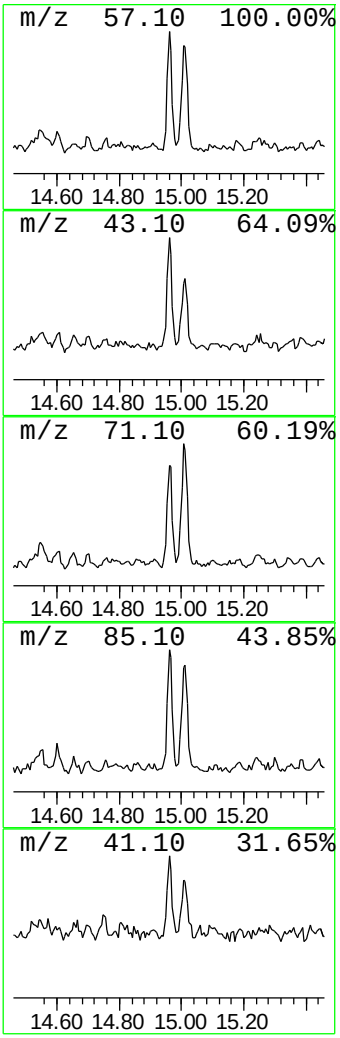
Peak Number 15 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	4.97 ng	135788	Phenanthrene-d10	15.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
4	Heptadecane	240	C17H36	000629-78-7	64
5	Oxalic acid, bis(6-ethyloct-3-yl...	370	C22H42O4	1000309-34-6	59





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Sample : I3153-07
Misc :
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Instrument : BNA_F
ClientSampleId : DS-4-4

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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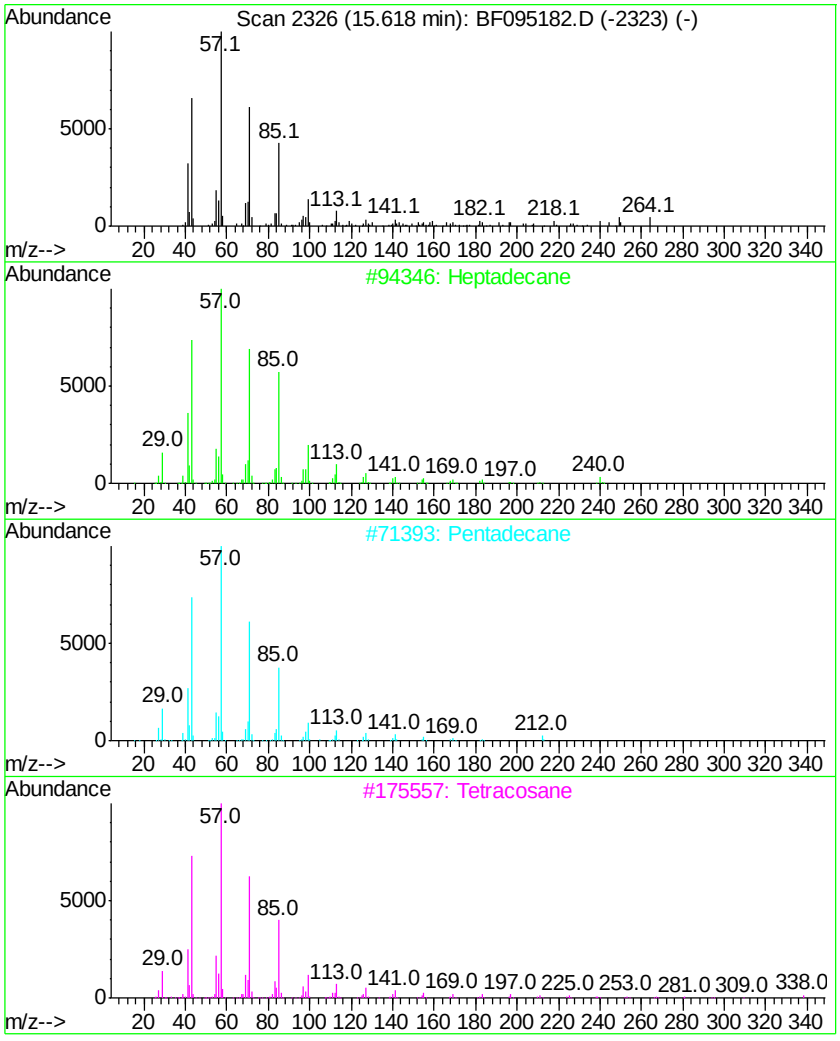
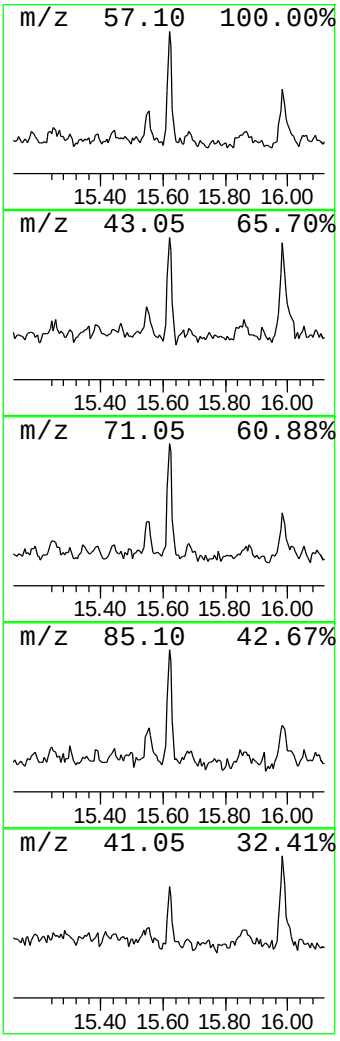
Peak Number 16 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	4.70 ng	128564	Phenanthrene-d10	15.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Pentadecane	212	C15H32	000629-62-9	83
3	Tetracosane	338	C24H50	000646-31-1	83
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	80
5	Heneicosane	296	C21H44	000629-94-7	80





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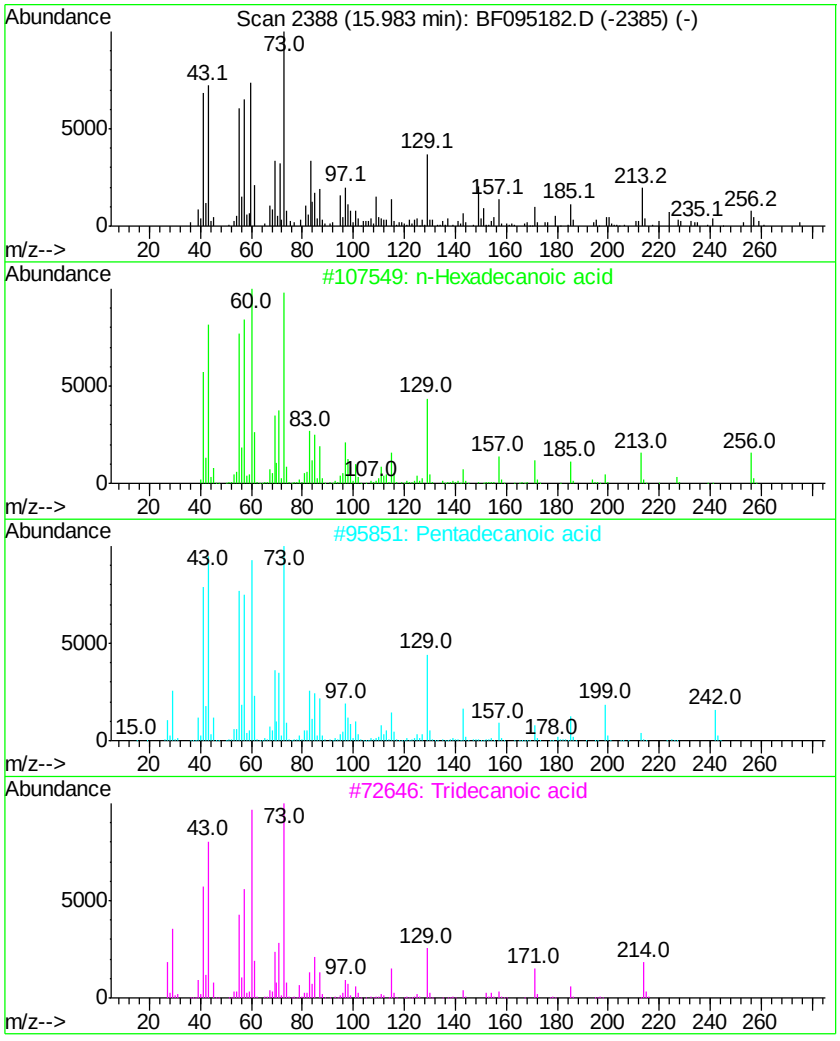
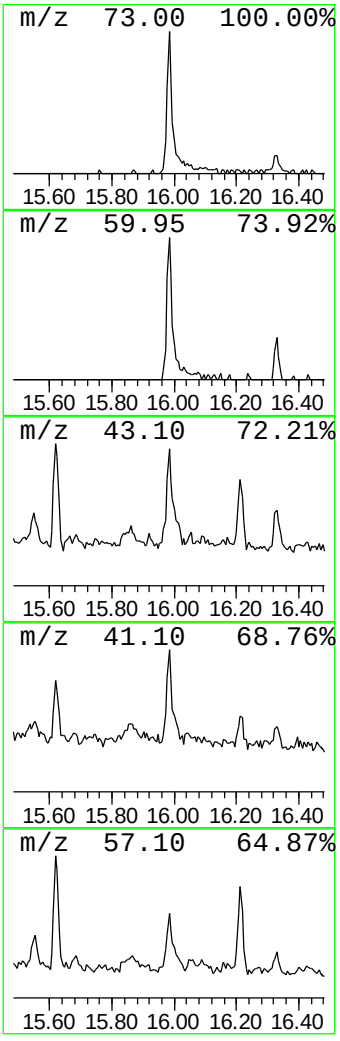
Peak Number 17 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	9.98 ng	272873	Phenanthrene-d10	15.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	62





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Instrument : BNA_F
ClientSampleId : DS-4-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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TIC Library : C:\DATABASE\NIST11.L
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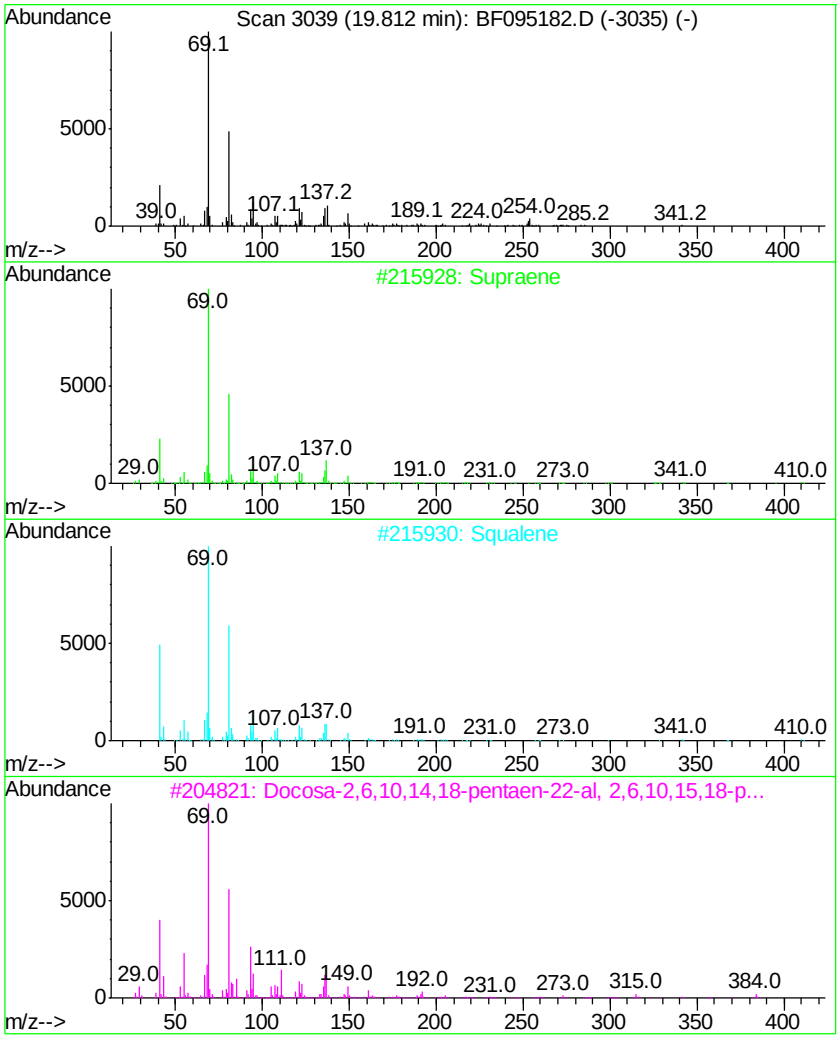
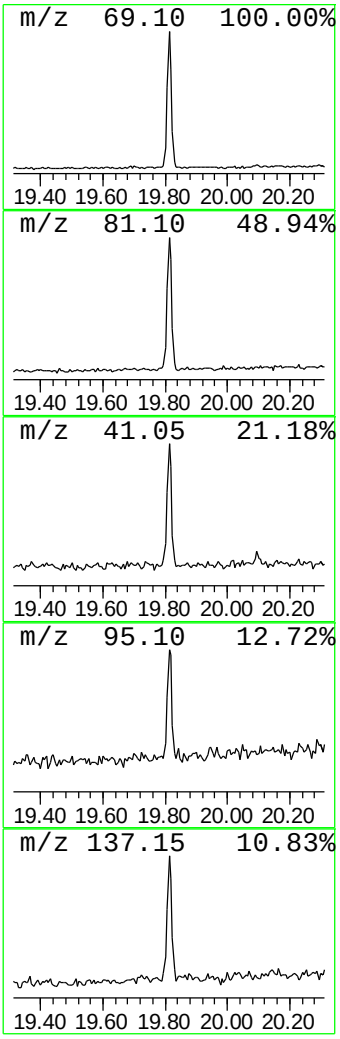
Peak Number 18 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	14.06 ng	268812	Perylene-d12	20.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	90
2	Squalene	410	C30H50	000111-02-4	90
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	78
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5	Trideca-1,3,7,11-tetraene-1,1-di...	268	C18H24N2	1000159-88-9	50





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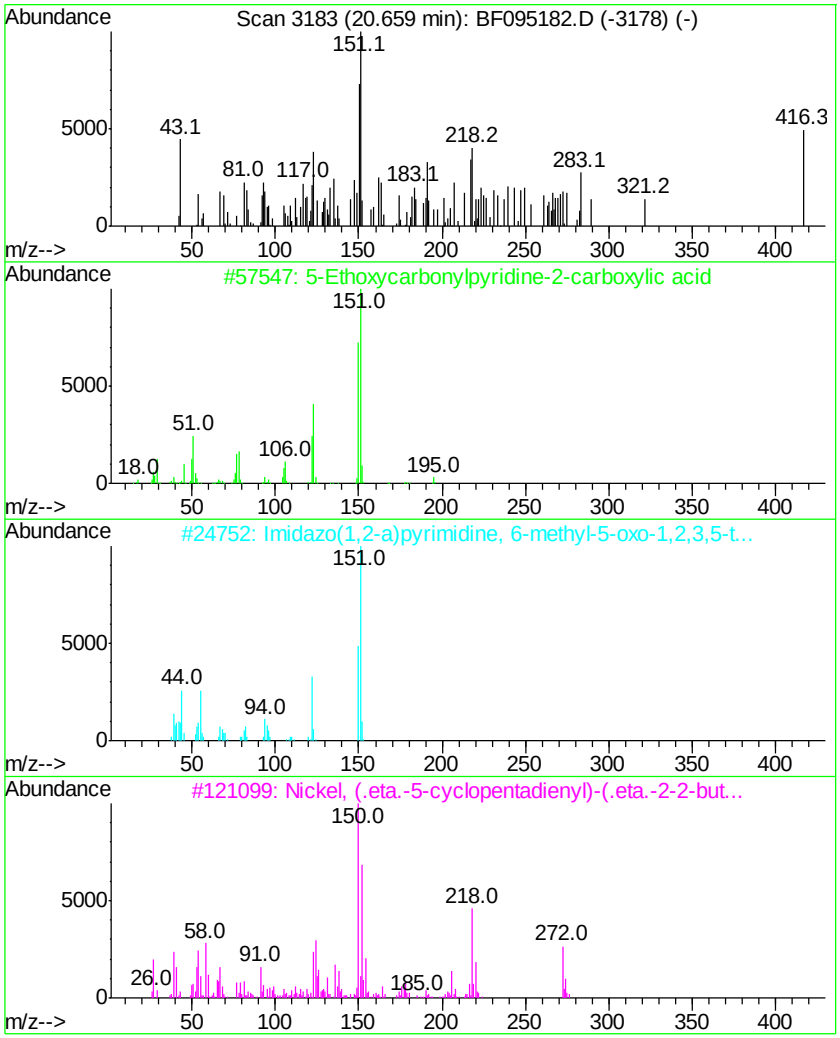
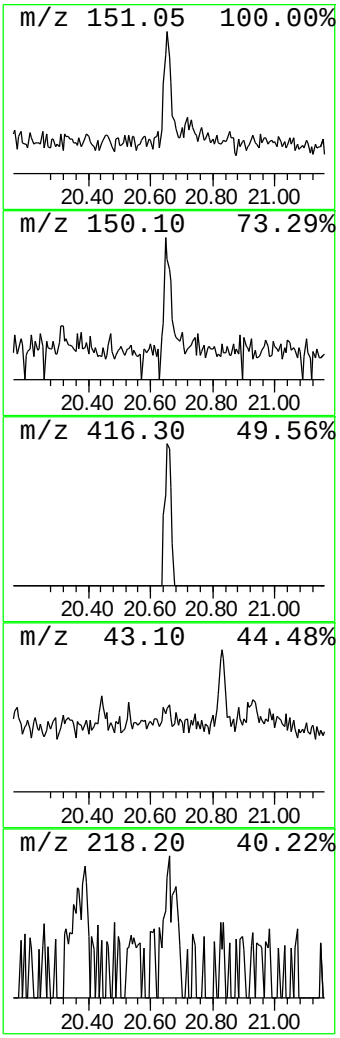
Peak Number 20 unknown20.66 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	3.46 ng	66097	Perylene-d12	20.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethoxycarbonylpyridine-2-carbo...	195	C9H9NO4	017880-34-1	43
2	Imidazo(1,2-a)pyrimidine, 6-meth...	151	C7H9N3O	026955-11-3	38
3	Nickel, (.eta.-5-cyclopentadienyl...	272	C16H22Ni	1000158-91-0	25
4	N'-(2,4,6(1H,3H,5H)-Trioxopyrimi...	319	C12H9N5O6	1000225-72-5	25
5	2-(1,1,3,3-Tetramethylbutyl)-1,4...	222	C14H22O2	1000331-90-5	22





Tentatively Identified Compound (LSC) summary

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Operator : SJ/MA
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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...	5.12	13.5	ng	333703	1	7.78	493797	20.0
unknown7.44	7.44	81.0	ng	1999770	1	7.78	493797	20.0
unknown11.66	11.66	6.1	ng	213121	3	12.62	697967	20.0
Tetradecane	11.78	5.4	ng	187286	3	12.62	697967	20.0
1H-Indene, octahy...	12.15	4.6	ng	161796	3	12.62	697967	20.0
Piperidine, 1-(cy...	12.40	3.8	ng	134021	3	12.62	697967	20.0
Dodecane	13.17	4.4	ng	152456	3	12.62	697967	20.0
Hexadecane	13.46	6.2	ng	217659	3	12.62	697967	20.0
Decane, 2,6,8-tri...	13.82	4.1	ng	111004	4	15.02	546600	20.0
Tridecane, 1-iodo-	14.23	7.4	ng	201086	4	15.02	546600	20.0
Octane, 3,6-dimet...	14.25	8.7	ng	238989	4	15.02	546600	20.0
Pentadecane	14.96	5.0	ng	135788	4	15.02	546600	20.0
Heptadecane	15.62	4.7	ng	128564	4	15.02	546600	20.0
n-Hexadecanoic acid	15.98	10.0	ng	272873	4	15.02	546600	20.0
Supraene	19.81	14.1	ng	268812	6	20.36	382474	20.0
unknown20.66	20.66	3.5	ng	66097	6	20.36	382474	20.0