LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095537.D
Acq On : 30 May 2017 16:07
Operator : SJ/MA
Sample : I3281-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP9-D23

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	5.090	532	536	551	rBV	101009	271223	10.62%	1.007%
2	5.701	636	640	672	rBV	795378	2162574	84.67%	8.031%
3	5.954	680	683	689	rVB5	18902	28508	1.12%	0.106%
4	7.284	905	909	925	rBV	835236	1921648	75.24%	7.136%
5	7.401	925	929	939	rVV	1452455	2546886	99.72%	9.458%
6	7.472	939	941	948	rVV	45467	78422	3.07%	0.291%
7	7.531	948	951	958	rVB4	16227	31242	1.22%	0.116%
8	7.737	982	986	995	rBV	395898	499950	19.58%	1.857%
9	7.813	995	999	1007	rVB4	14408	30256	1.18%	0.112%
10	7.972	1021	1026	1043	rBV	1442045	1867904	73.14%	6.937%
11	8.642	1136	1140	1156	rBV	603979	1271681	49.79%	4.723%
12	9.760	1326	1330	1342	rBV	371966	711172	27.85%	2.641%
13	10.936	1522	1530	1540	rBV	38827	70778	2.77%	0.263%
14	11.083	1550	1555	1561	rBV	35032	58332	2.28%	0.217%
15	11.525	1625	1630	1650	rBV	1596029	2554003	100.00%	9.485%
16	11.748	1664	1668	1673	rVB2	24536	31106	1.22%	0.116%
17	11.966	1699	1705	1712	rBV5	14198	28222	1.11%	0.105%
18	12.066	1718	1722	1727	rBV	32775	54731	2.14%	0.203%
19	12.113	1727	1730	1735	rVB	25155	34165	1.34%	0.127%
20	12.230	1745	1750	1768	rVB	290443	548711	21.48%	2.038%
21	12.377	1768	1775	1782	rBV4	23730	41823	1.64%	0.155%
22	12.589	1806	1811	1818	rBV2	517752	781197	30.59%	2.901%
23	12.642	1818	1820	1828	rVB	38994	56850	2.23%	0.211%
24	12.954	1868	1873	1881	rBV2	31398	69866	2.74%	0.259%
25	13.024	1881	1885	1890	rVB2	23299	30482	1.19%	0.113%
26	13.130	1900	1903	1909	rVB4	27838	39802	1.56%	0.148%
27	13.189	1909	1913	1920	rVB3	18589	28660	1.12%	0.106%
28	13.419	1947	1952	1957	rBV	69518	78703	3.08%	0.292%
29	13.489	1957	1964	1970	rVV2	48464	79069	3.10%	0.294%
30	13.766	2006	2011	2018	rBV3	36116	79032	3.09%	0.294%
31	13.889	2027	2032	2042	rBV	645147	1164697	45.60%	4.325%
32	14.189	2079	2083	2085	rBV	71010	80188	3.14%	0.298%
33	14.219	2085	2088	2093	rVB2	63902	89242	3.49%	0.331%
34	14.513	2131	2138	2144	rBV10	12822	26345	1.03%	0.098%

LSC Area Percent Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP9-D23

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

35	14.613	2150	2155	2158	rBV4	38745	56128	2.20%	0.208%
36	14.648	2158	2161	2167	rVV4	21401	47650	1.87%	0.177%
37	14.730	2171	2175	2181	rVV3	27806	49678	1.95%	0.184%
38	14.789	2181	2185	2189	rVV3	31815	50329	1.97%	0.187%
39	14.924	2204	2208	2211	rBV	52992	64043	2.51%	0.238%
40	14.995	2213	2220	2223	rVV	422164	593013	23.22%	2.202%
41	15.030	2223	2226	2235	rVV	400087	555805	21.76%	2.064%
42	15.118	2237	2241	2248	rVV	71782	113059	4.43%	0.420%
43	15.213	2252	2257	2262	rBV8	26746	45296	1.77%	0.168%
44	15.424	2290	2293	2296	rBV2	28989	37400	1.46%	0.139%
45	15.583	2315	2320	2327	rVB3	56166	92464	3.62%	0.343%
46	15.648	2327	2331	2336	rBV4	26165	44068	1.73%	0.164%
47	15.777	2349	2353	2356	rBV	64035	65030	2.55%	0.242%
48	15.818	2356	2360	2365	rBV	97570	118449	4.64%	0.440%
49	15.889	2369	2372	2375	rBV	37371	45066	1.76%	0.167%
50	15.930	2375	2379	2380	rBV2	85228	109893	4.30%	0.408%
51	15.948	2380	2382	2390	rVB2	140037	265714	10.40%	0.987%
52	16.177	2418	2421	2424	rVB	38171	38775	1.52%	0.144%
53	16.218	2424	2428	2436	rVB2	54343	95736	3.75%	0.356%
54	16.289	2436	2440	2444	rBV2	32589	60254	2.36%	0.224%
55	16.424	2459	2463	2466	rBV4	26286	37190	1.46%	0.138%
56	16.471	2468	2471	2473	rBV	24553	25612	1.00%	0.095%
57	16.571	2484	2488	2491	rBV	70775	105609	4.14%	0.392%
58	16.695	2504	2509	2510	rBV3	35572	52501	2.06%	0.195%
59	16.718	2511	2513	2517	rVB2	45222	41018	1.61%	0.152%
60	16.777	2518	2523	2528	rBV	609799	750768	29.40%	2.788%
61	17.042	2565	2568	2570	rBV3	30349	36972	1.45%	0.137%
62	17.077	2570	2574	2579	rVB	643531	750677	29.39%	2.788%
63	17.224	2596	2599	2602	rVB	39911	42795	1.68%	0.159%
64	17.265	2603	2606	2609	rBV	49080	58693	2.30%	0.218%
65	17.312	2609	2614	2622	rVB	1404119	1576718	61.74%	5.855%
66	17.512	2644	2648	2650	rBV3	47652	73064	2.86%	0.271%
67	17.677	2672	2676	2686	rBV3	108270	208835	8.18%	0.776%
68	17.795	2693	2696	2699	rVB	41872	38866	1.52%	0.144%
69	18.230	2768	2770	2774	rVB	58207	53472	2.09%	0.199%
70	18.371	2792	2794	2798	rVB	74162	76805	3.01%	0.285%
71	18.506	2815	2817	2821	rVB	48377	48726	1.91%	0.181%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : R1-TP9-D23

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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72	18.665	2839	2844	2848	rBV2	634834	1046894	40.99%	3.888%
73	18.701	2848	2850	2856	rVB2	341411	402561	15.76%	1.495%
74	18.953	2891	2893	2897	rVB4	72976	75954	2.97%	0.282%
75	19.177	2928	2931	2934	rBV	75494	90415	3.54%	0.336%
76	19.942	3058	3061	3064	rBV	322381	404424	15.83%	1.502%
77	20.236	3108	3111	3114	rBV	215390	243909	9.55%	0.906%
78	20.295	3118	3121	3126	rVB	249404	279978	10.96%	1.040%
79	20.353	3127	3131	3134	rBV	324142	409359	16.03%	1.520%

Sum of corrected areas: 26927135

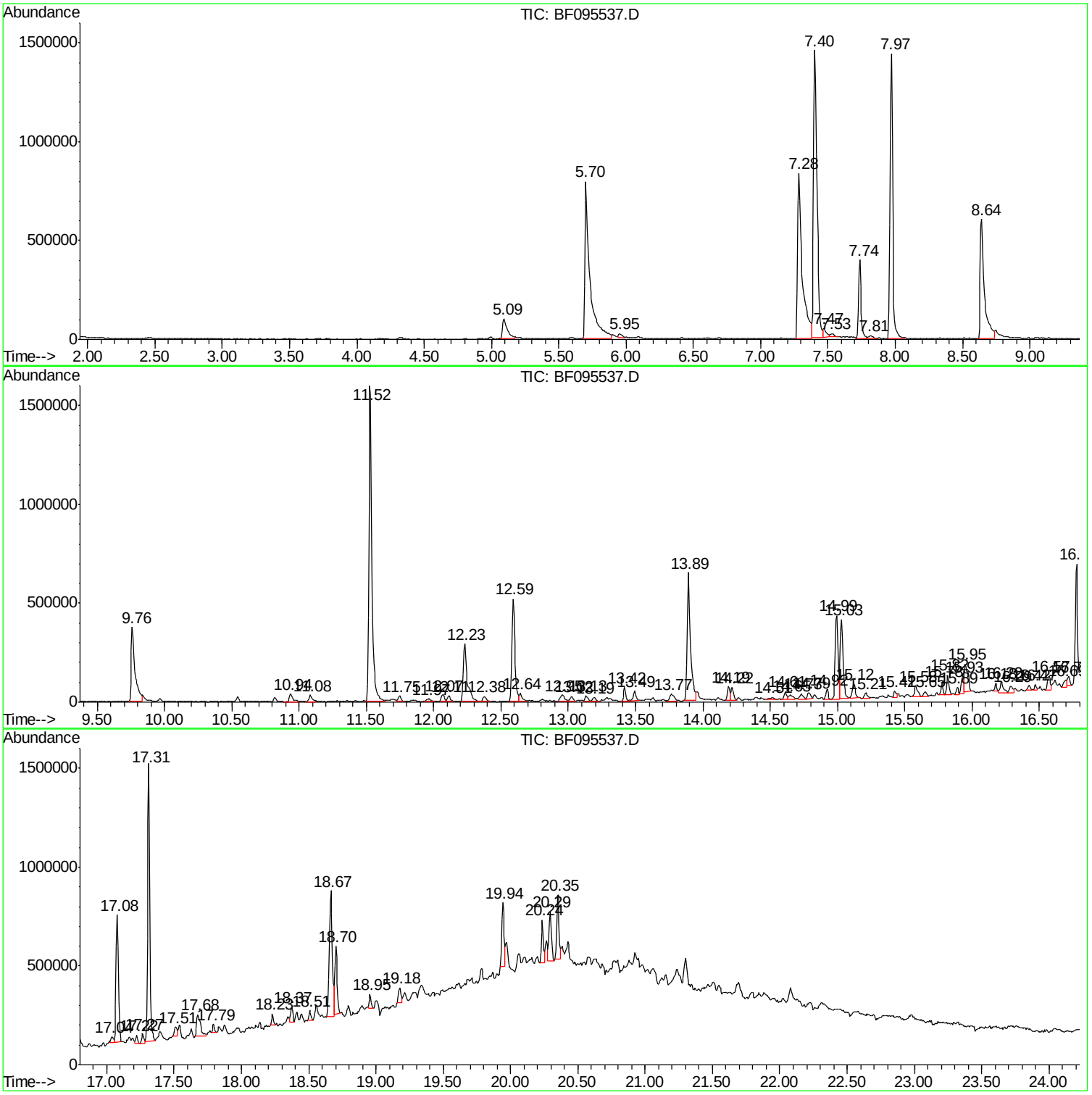
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095537.D
Acq On : 30 May 2017 16:07
Operator : SJ/MA
Sample : I3281-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP9-D23

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\BF053017\
Data File : BF095537.D
Acq On : 30 May 2017 16:07
Operator : SJ/MA
Sample : I3281-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP9-D23

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

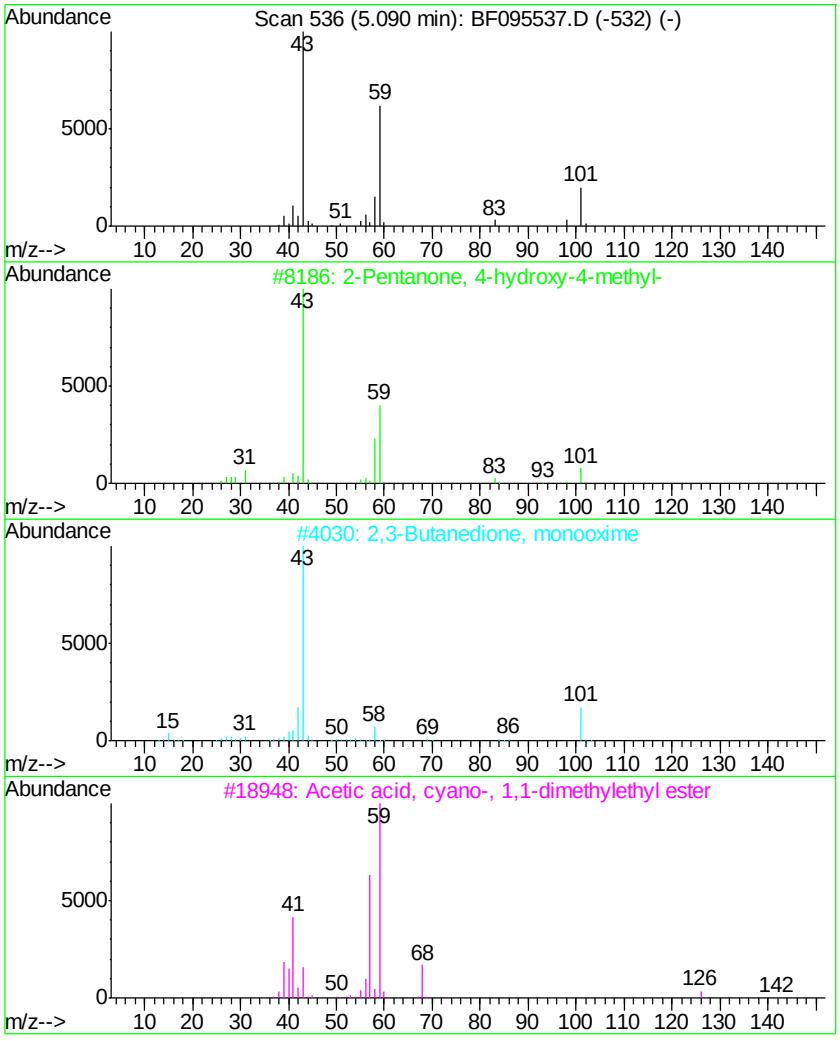
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

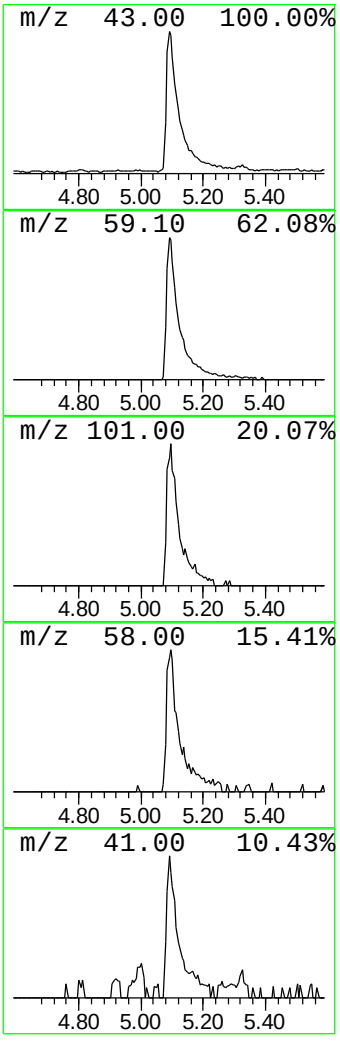
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	10.85 ng	271223	1,4-Dichlorobenzene-d4	7.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
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Acq On : 30 May 2017 16:07
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Sample : I3281-15
Misc :
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Instrument : BNA_F
ClientSampleId : R1-TP9-D23

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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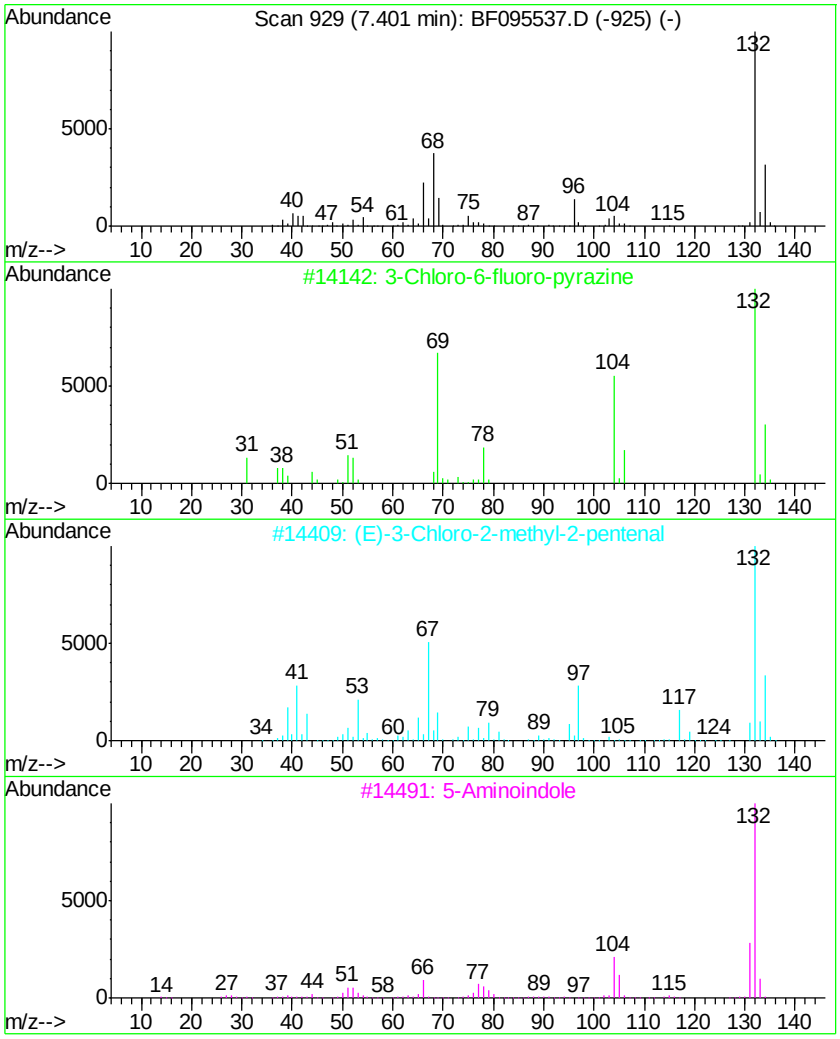
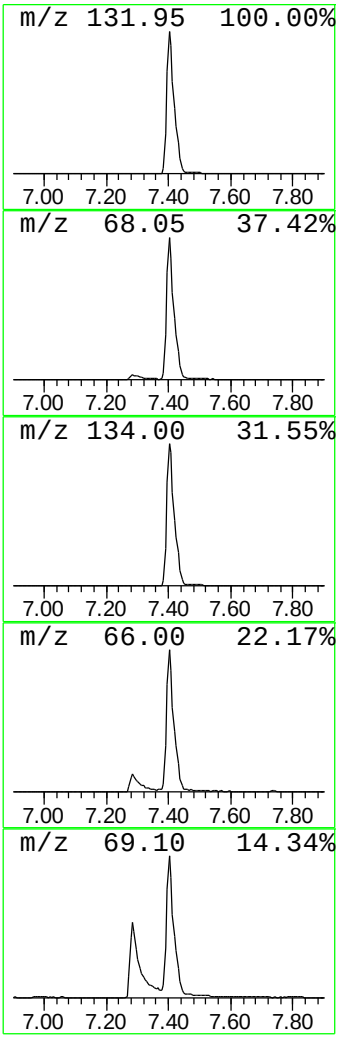
Peak Number 2 unknown7.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	101.89 ng	2546890	1,4-Dichlorobenzene-d4	7.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095537.D
Acq On : 30 May 2017 16:07
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Sample : I3281-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP9-D23

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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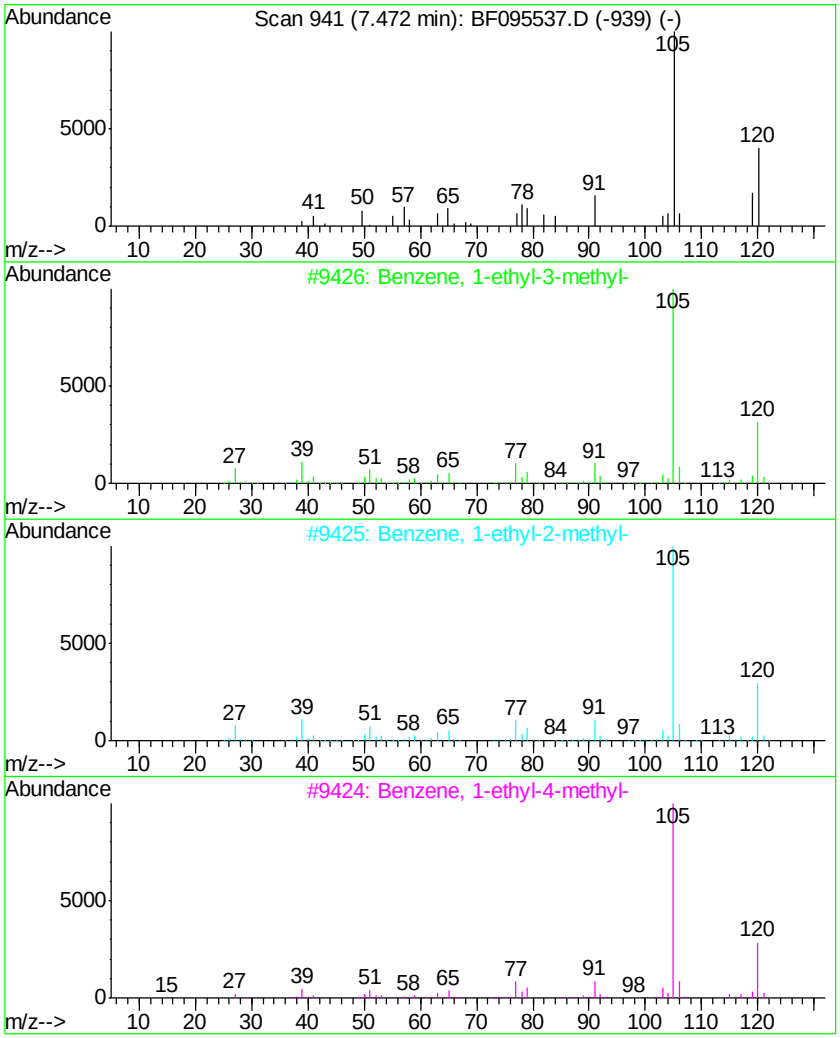
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

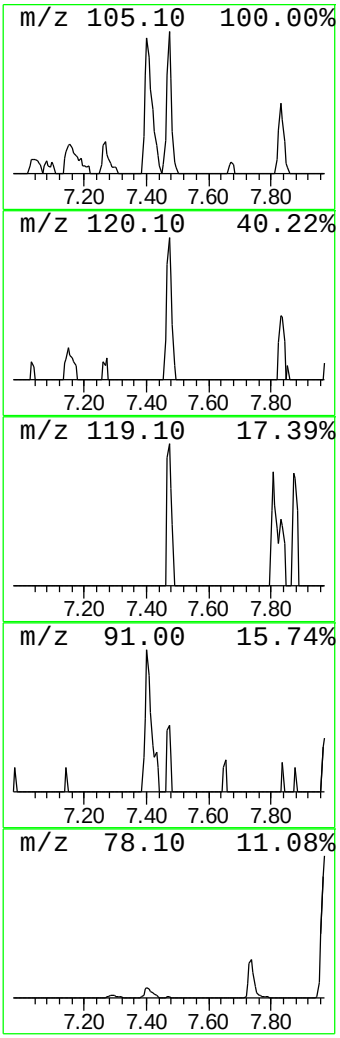
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	3.14 ng	78422	1,4-Dichlorobenzene-d4	7.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	50
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	50
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	45
4	Acetophenone	120	C8H8O	000098-86-2	28
5	1-Hexene, 6-phenyl-4-(1-phenylet...	280	C20H24O	1000190-48-6	17





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095537.D
Acq On : 30 May 2017 16:07
Operator : SJ/MA
Sample : I3281-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP9-D23

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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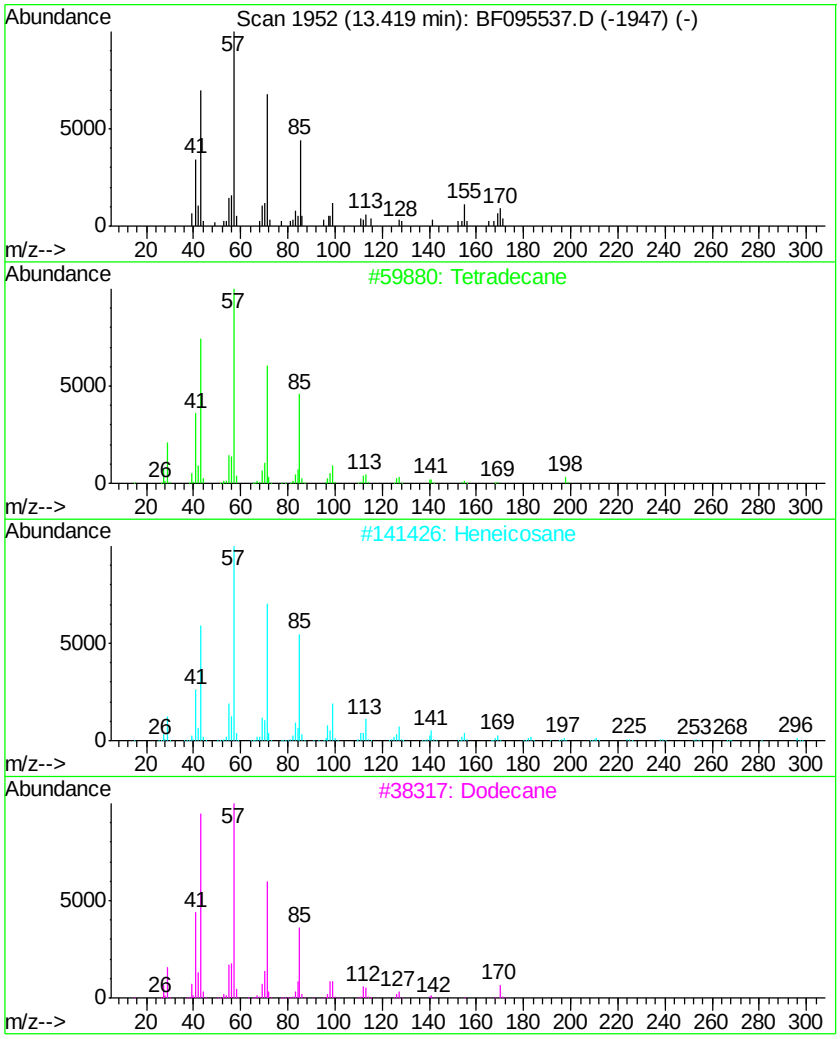
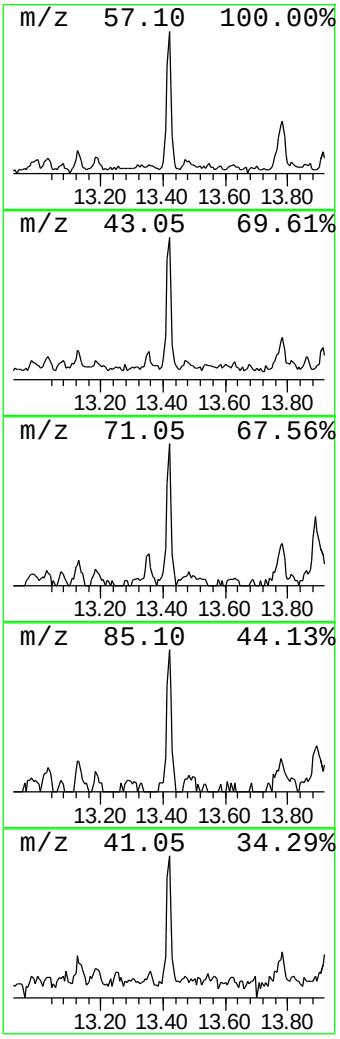
Peak Number 5 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	2.01 ng	78703	Acenaphthene-d10	12.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	72
2	Heneicosane	296	C21H44	000629-94-7	72
3	Dodecane	170	C12H26	000112-40-3	72
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
5	Pentadecane	212	C15H32	000629-62-9	72





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Operator : SJ/MA
Sample : I3281-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP9-D23

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

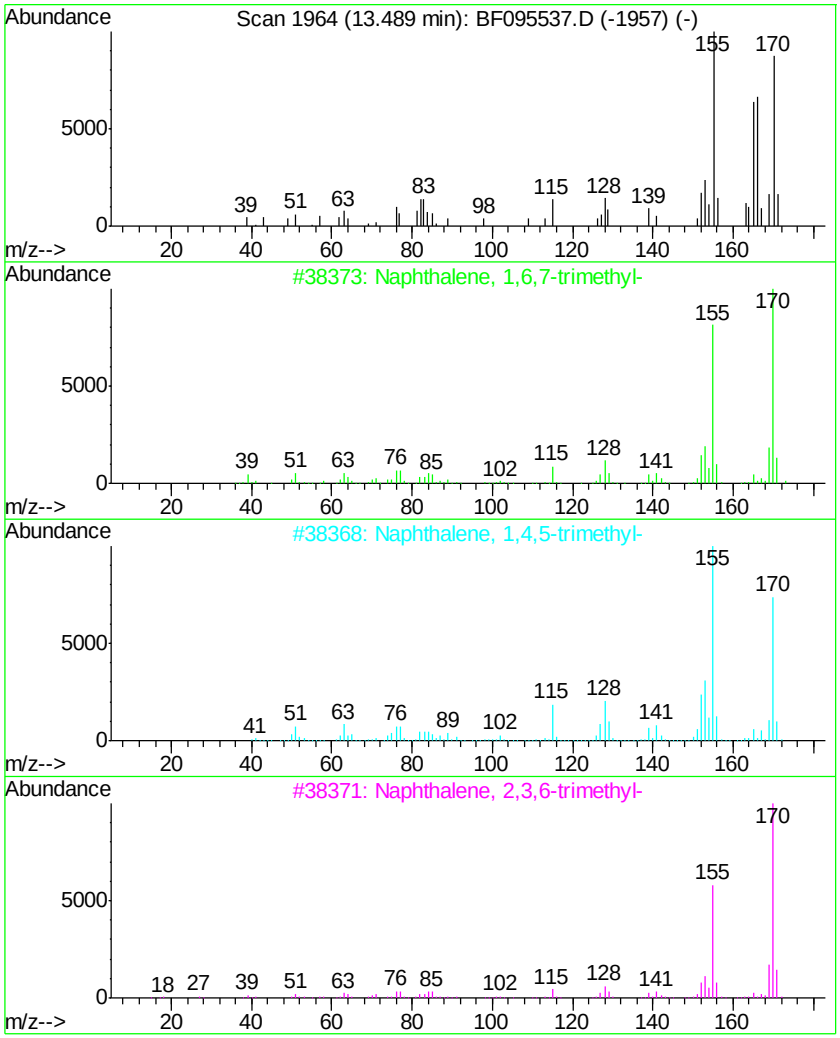
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

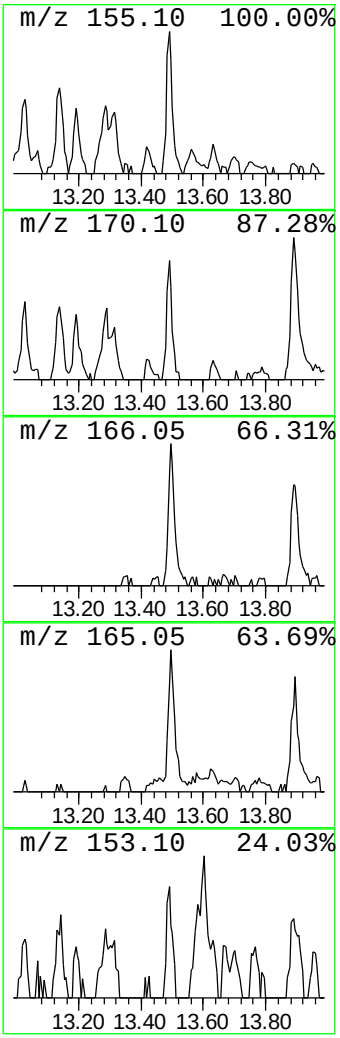
****

Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.02 ng	79069	Acenaphthene-d10	12.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095537.D
Acq On : 30 May 2017 16:07
Operator : SJ/MA
Sample : I3281-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP9-D23

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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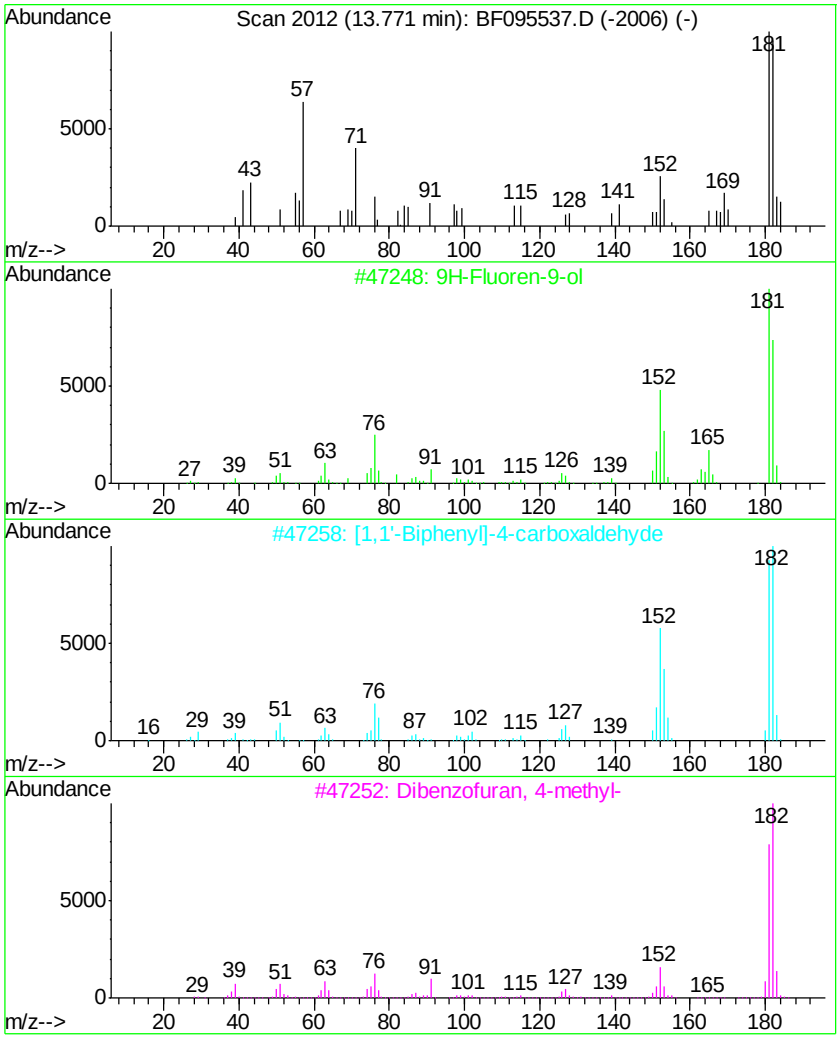
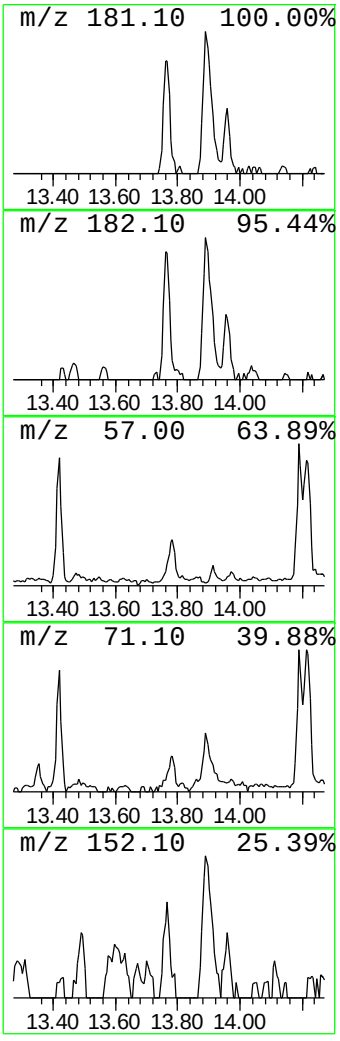
Peak Number 7 9H-Fluoren-9-ol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.02 ng	79032	Acenaphthene-d10	12.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	64
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	64





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Acq On : 30 May 2017 16:07
Operator : SJ/MA
Sample : I3281-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP9-D23

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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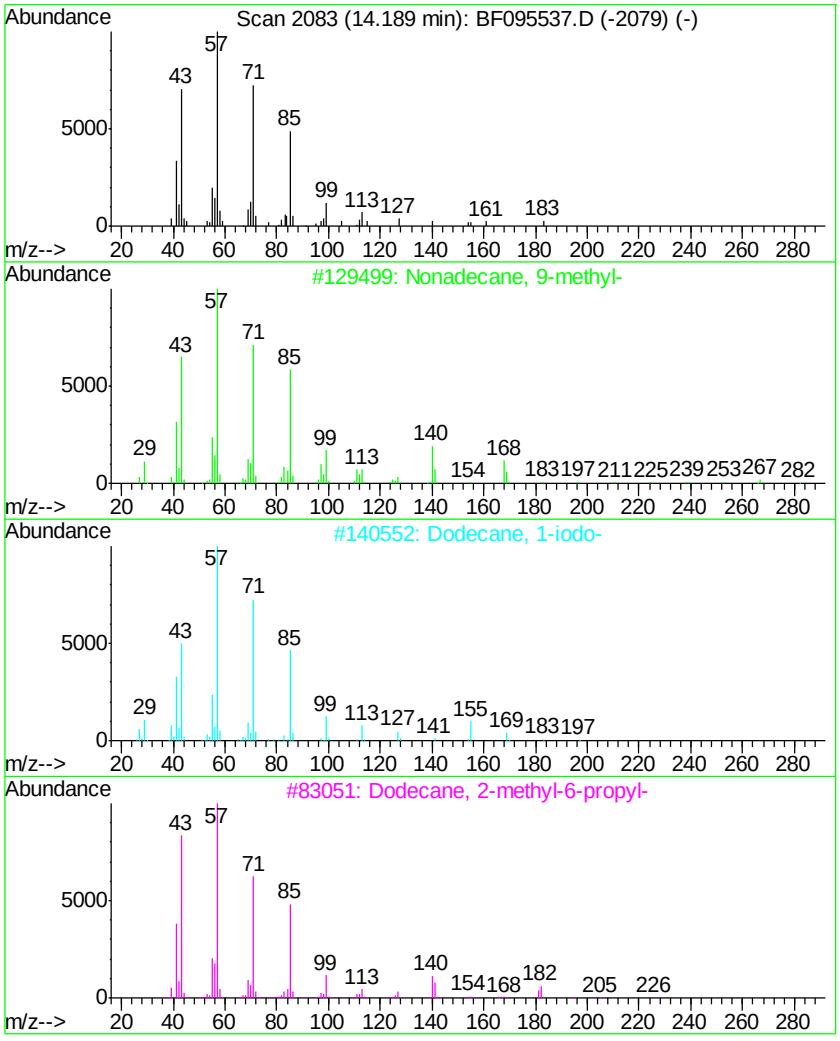
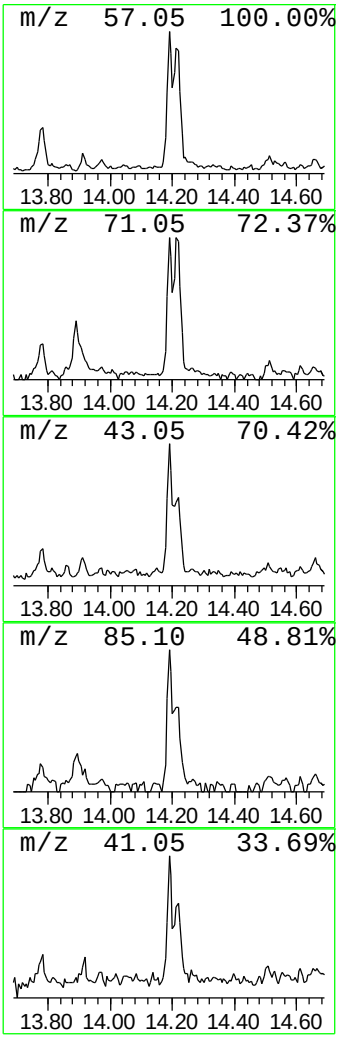
Peak Number 8 Nonadecane, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	2.70 ng	80188	Phenanthrene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	9-methylheptadecane	254	C18H38	026741-18-4	83
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83





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Sample : I3281-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP9-D23

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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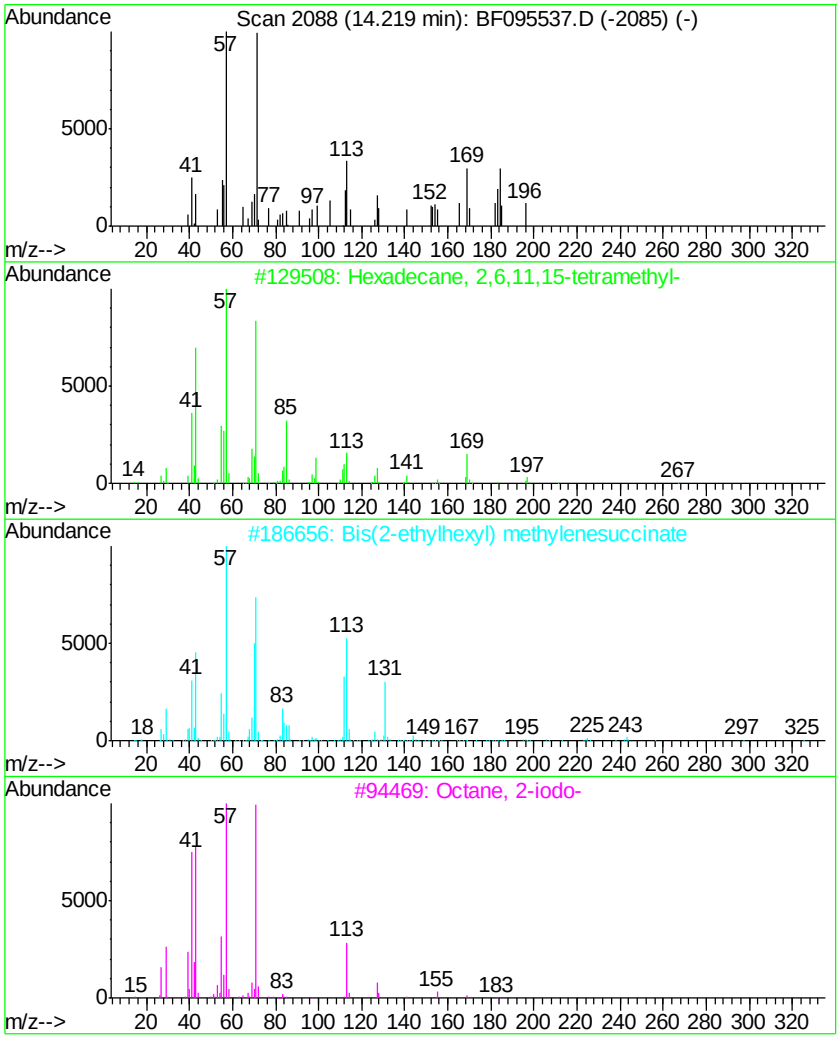
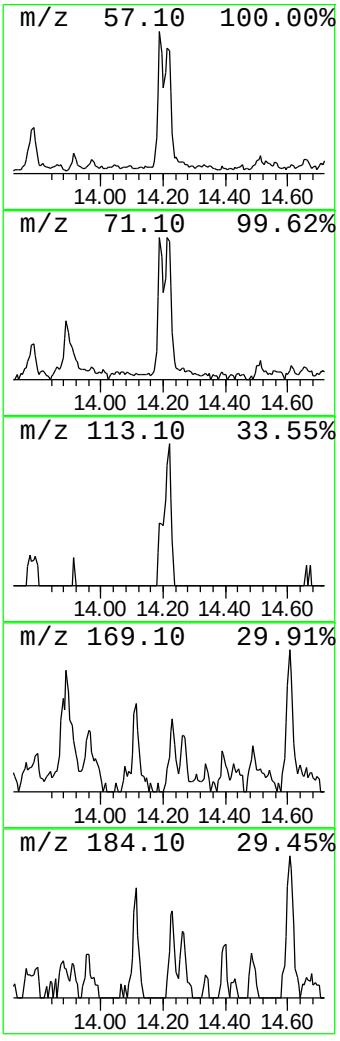
Peak Number 9 unknown14.22 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	3.01 ng	89242	Phenanthrene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	37
2	Bis(2-ethylhexyl) methylenesucci...	354	C21H38O4	002287-83-4	35
3	Octane, 2-iodo-	240	C8H17I	000557-36-8	35
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	32
5	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	32





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Sample : I3281-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP9-D23

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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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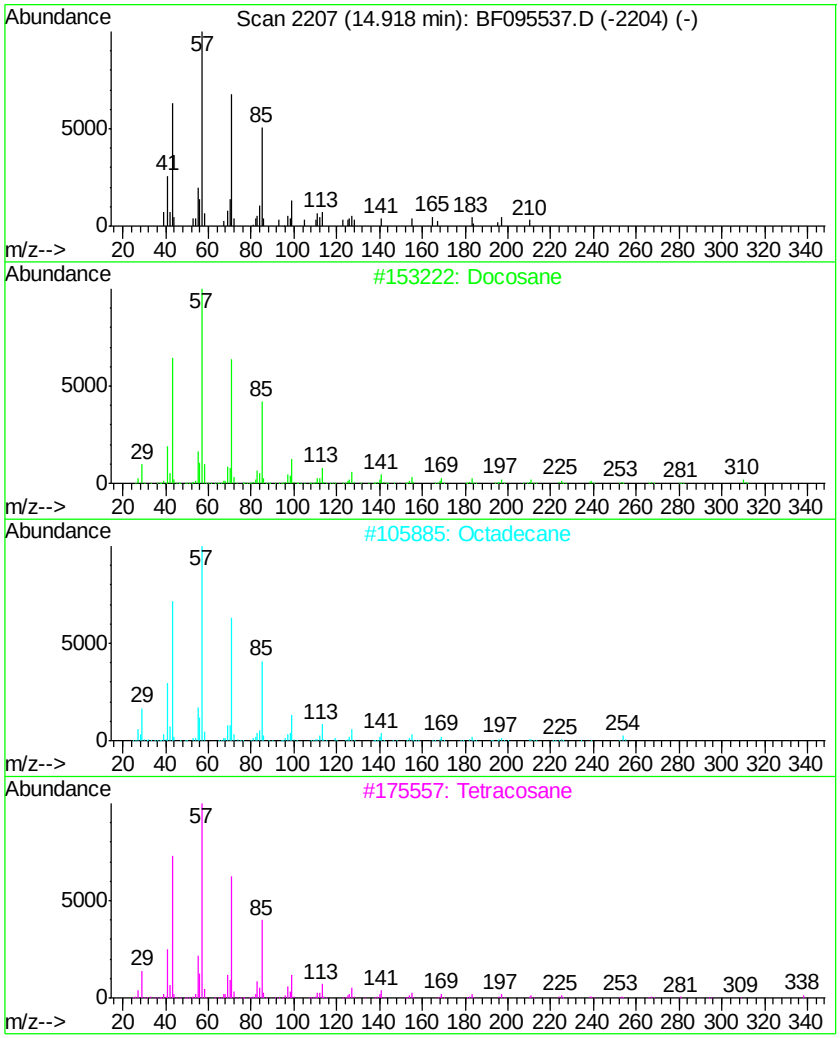
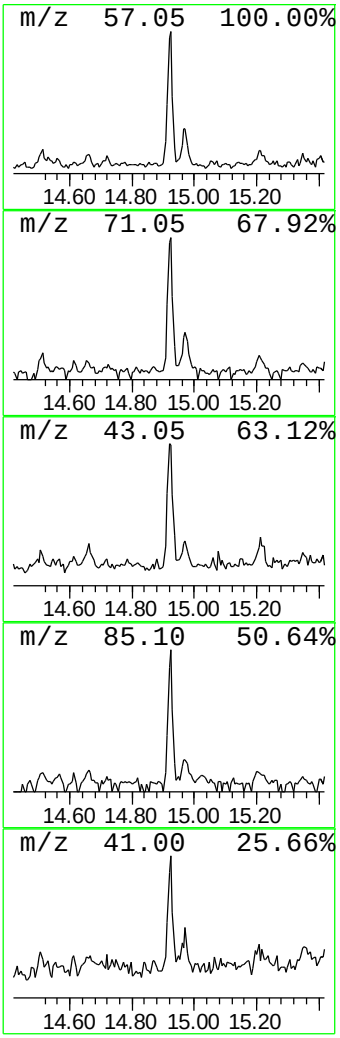
Peak Number 10 Docosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	2.16 ng	64043	Phenanthrene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	90
2	Octadecane	254	C18H38	000593-45-3	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	2-methyloctacosane	408	C29H60	1000376-72-8	86





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP9-D23

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

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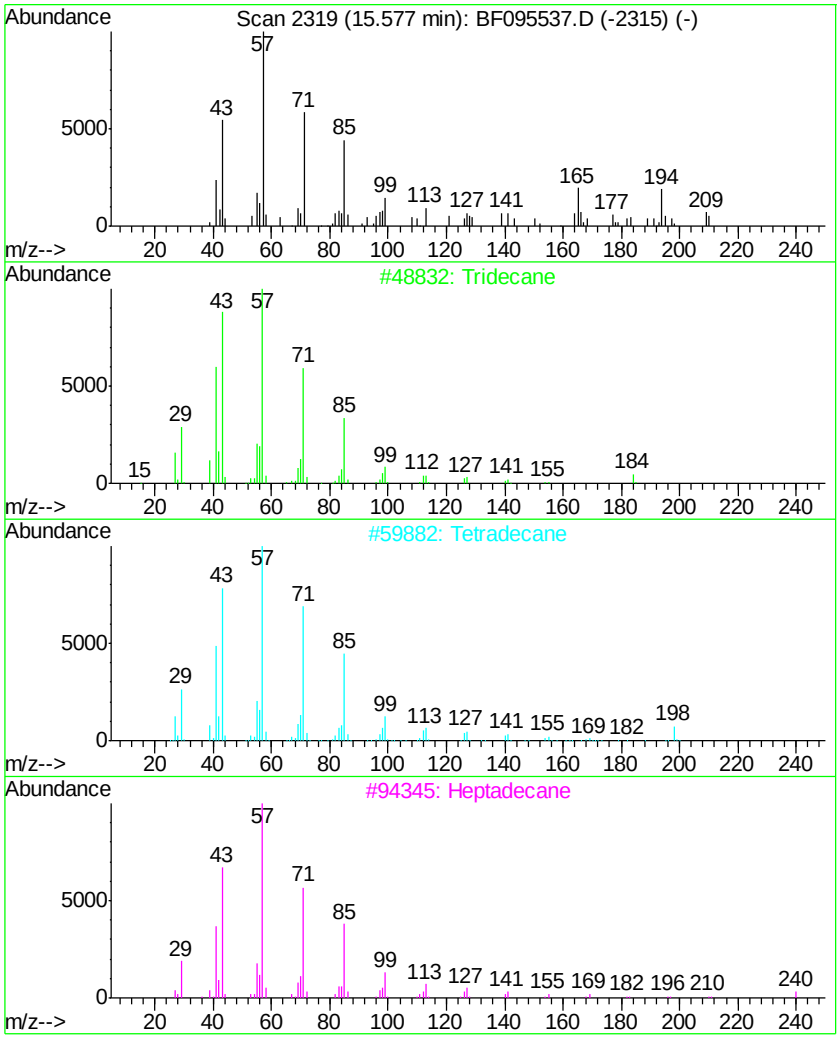
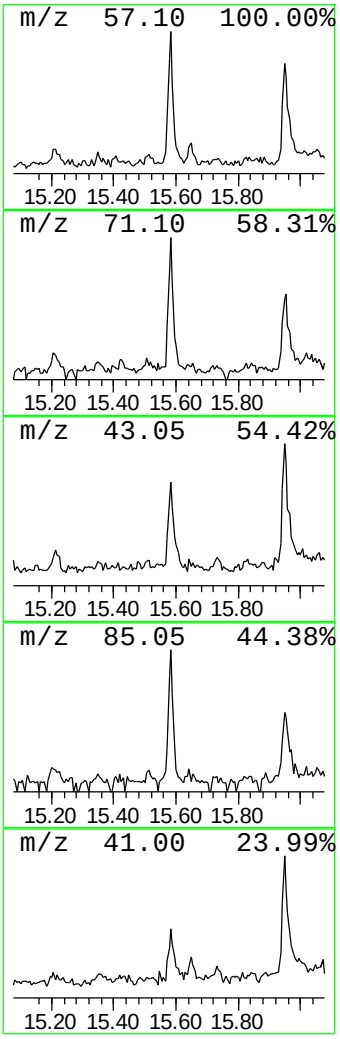
Peak Number 11 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	3.12 ng	92464	Phenanthrene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Tetradecane	198	C14H30	000629-59-4	83
3	Heptadecane	240	C17H36	000629-78-7	80
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	74
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	74





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Operator : SJ/MA
Sample : I3281-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP9-D23

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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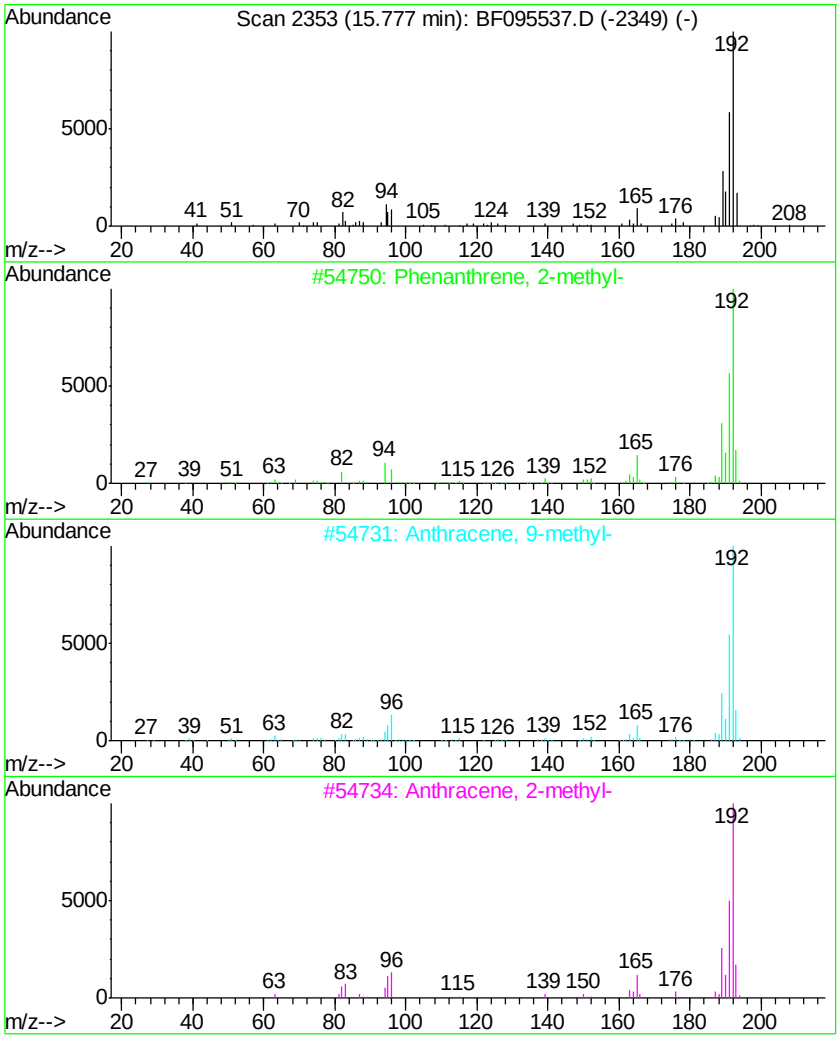
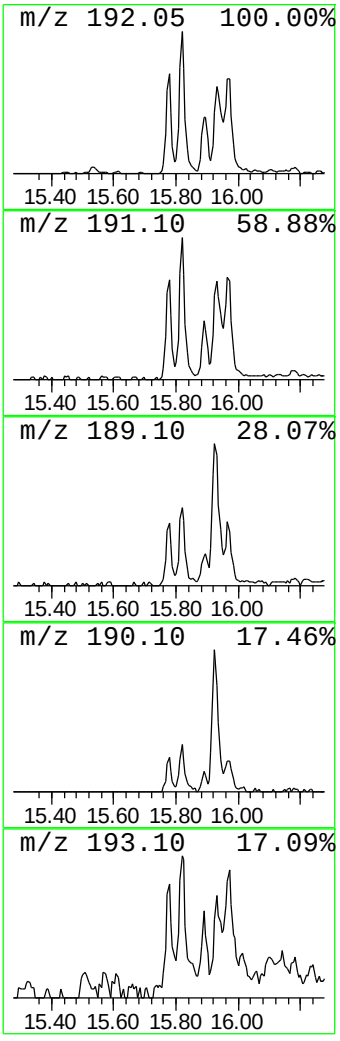
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	2.19 ng	65030	Phenanthrene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	80
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76





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Sample : I3281-15
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ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId : R1-TP9-D23

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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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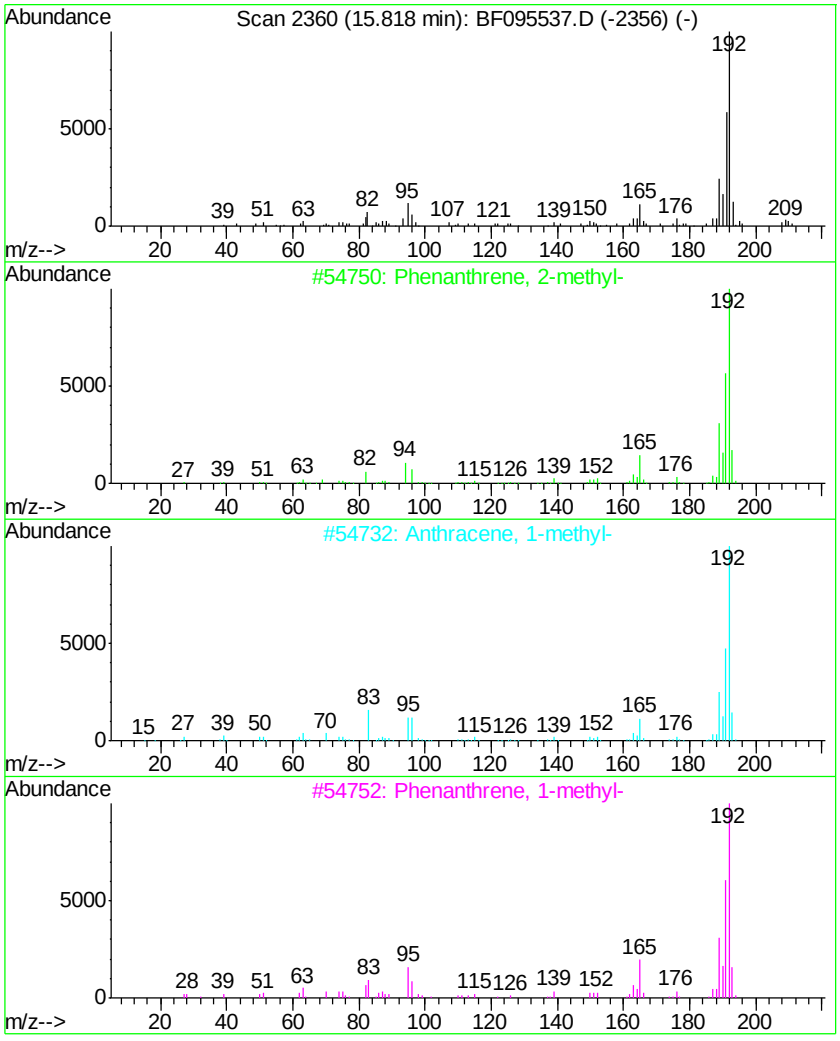
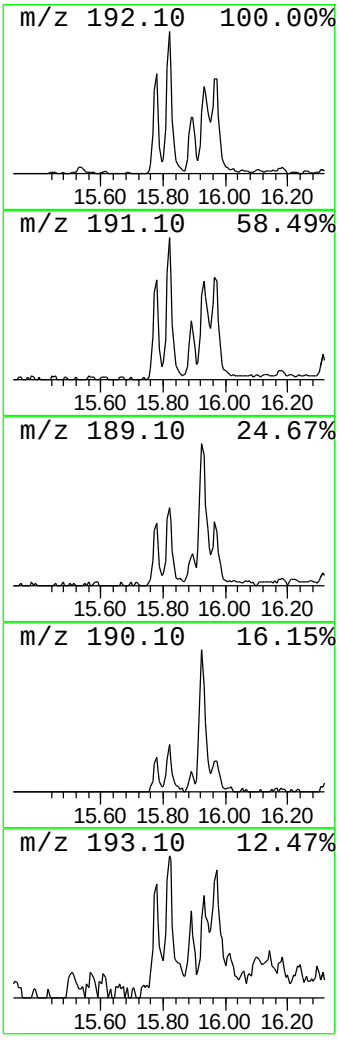
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	3.99 ng	118449	Phenanthrene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89





Library Search Compound Report

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Operator : SJ/MA
Sample : I3281-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP9-D23

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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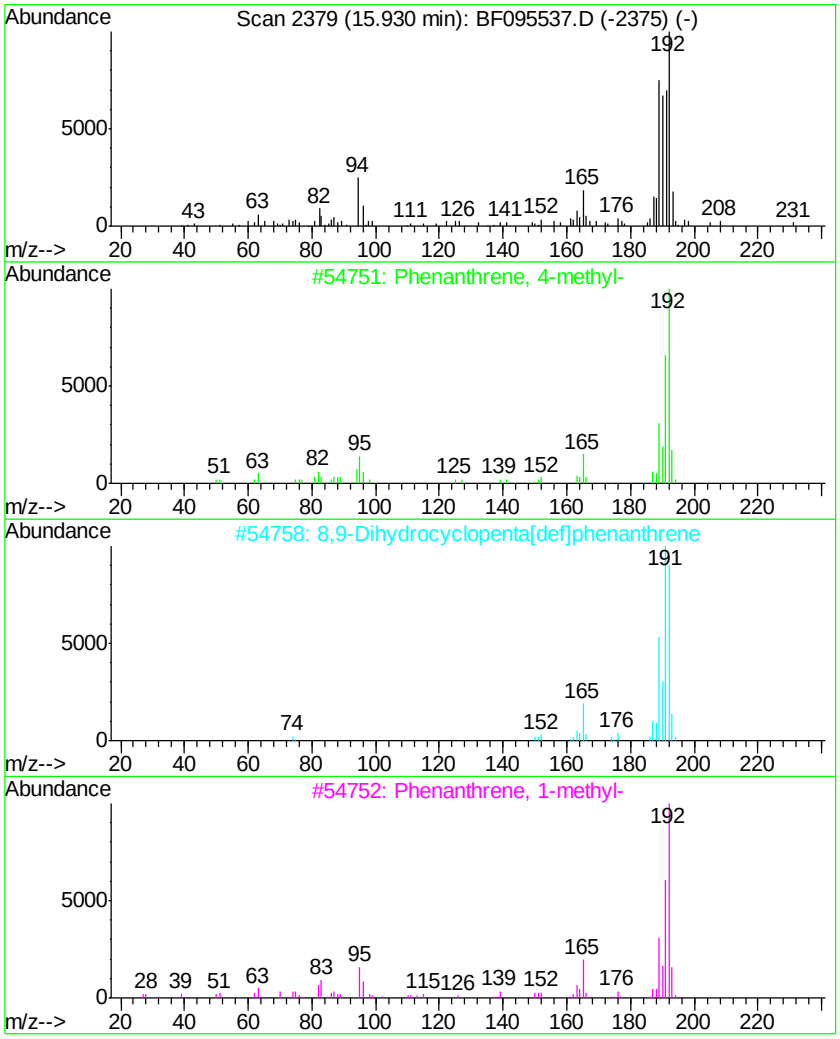
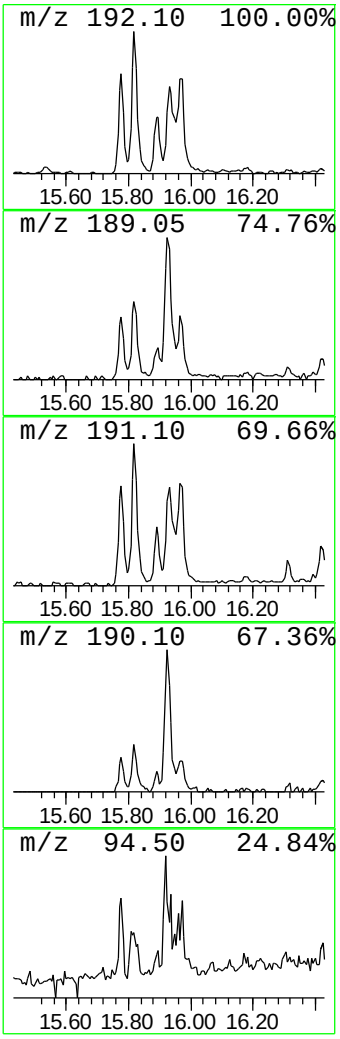
Peak Number 14 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	3.71 ng	109893	Phenanthrene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
2	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	70
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	55
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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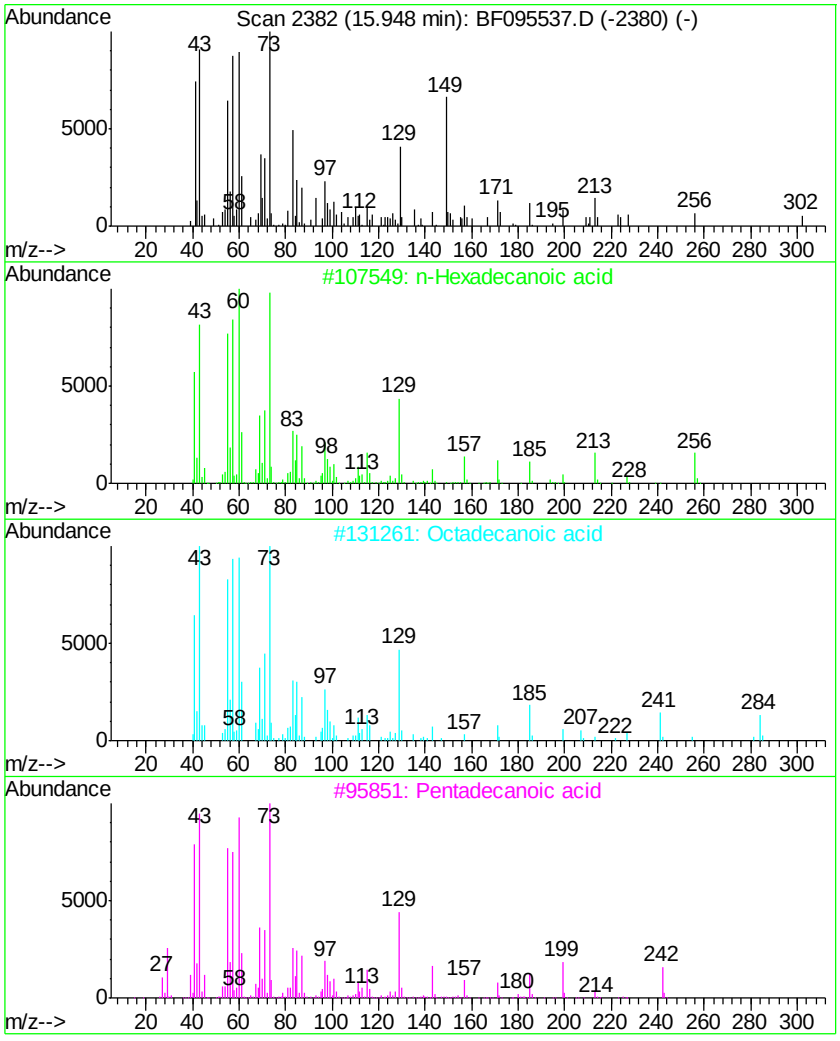
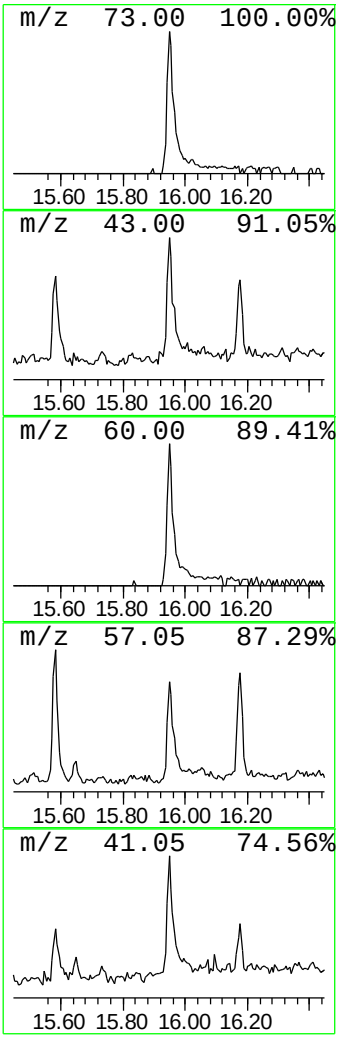
Peak Number 15 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	8.96 ng	265714	Phenanthrene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Octadecanoic acid	284	C18H36O2	000057-11-4	68
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





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ClientSampleId : R1-TP9-D23

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

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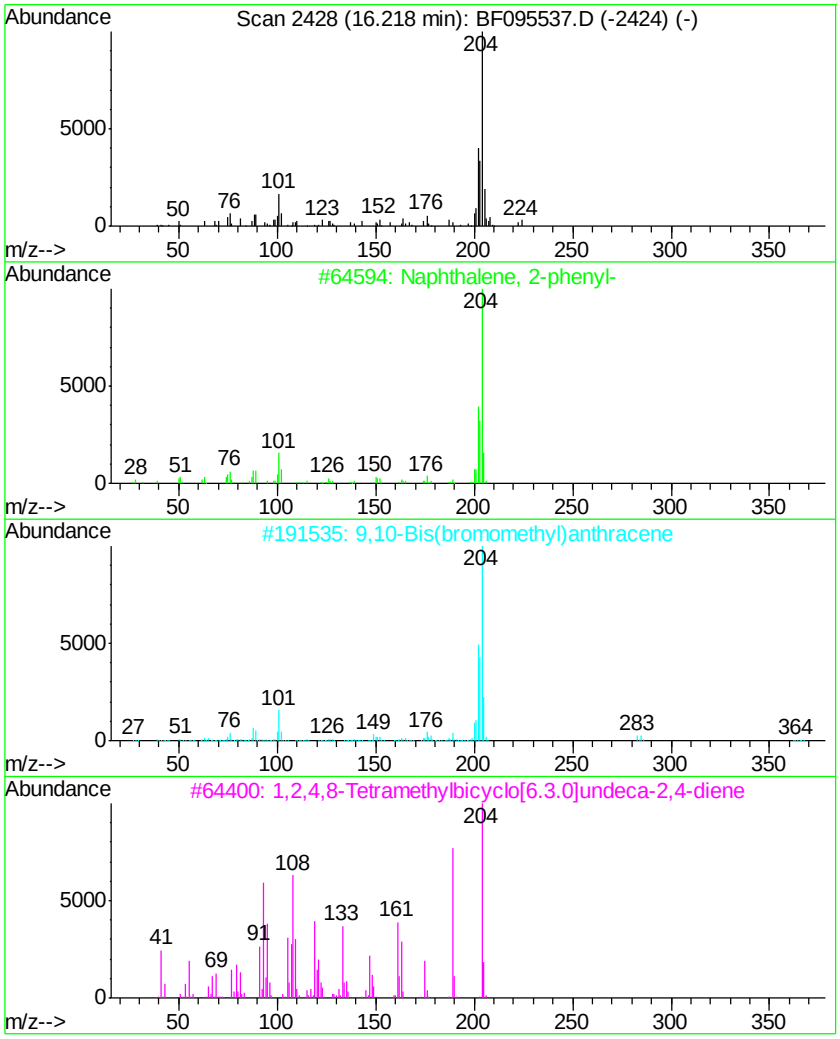
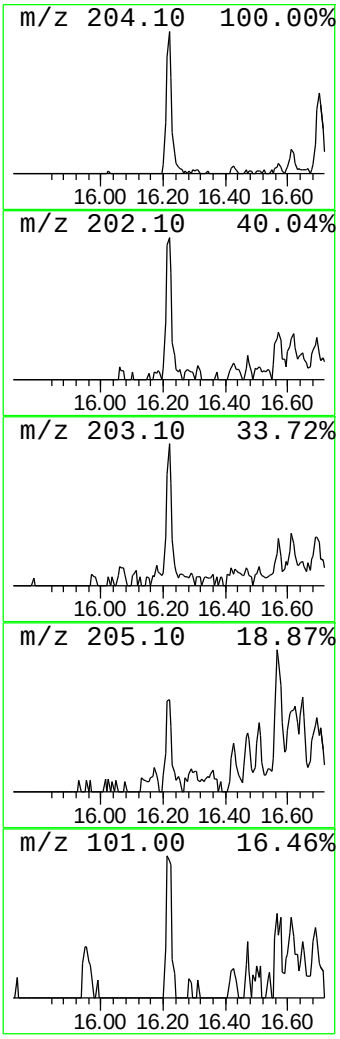
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	3.23 ng	95736	Phenanthrene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	87
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86





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

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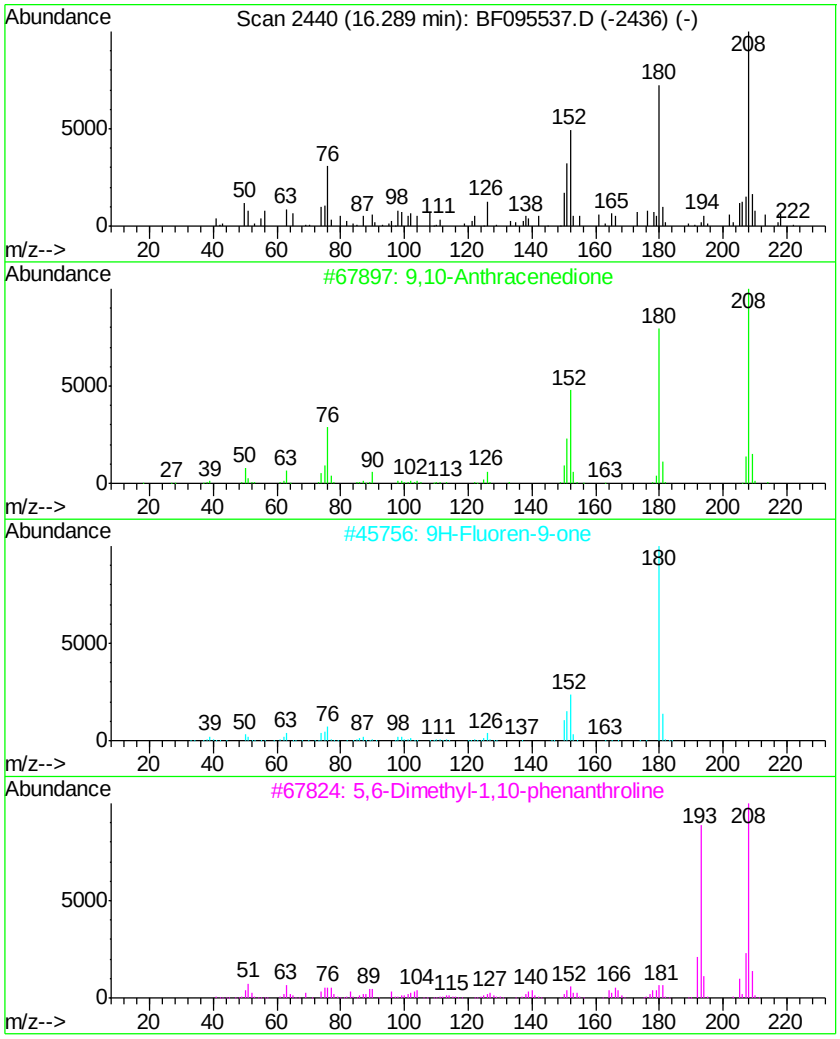
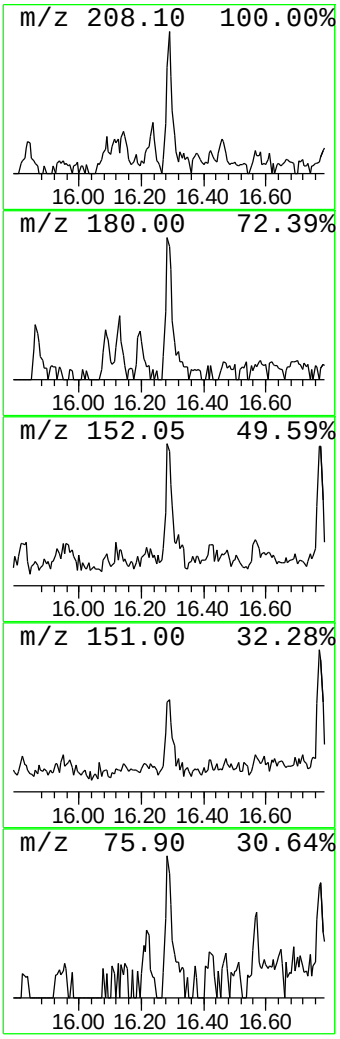
Peak Number 17 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.03 ng	60254	Phenanthrene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
3	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	58
4	Indole, 6-methyl-2-(4-pyridyl)-	208	C14H12N2	107919-93-7	43
5	Thiourea, N-(1-methylpropyl)-N'-...	208	C11H16N2S	015093-37-5	43





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ALS Vial : 8 Sample Multiplier: 1

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

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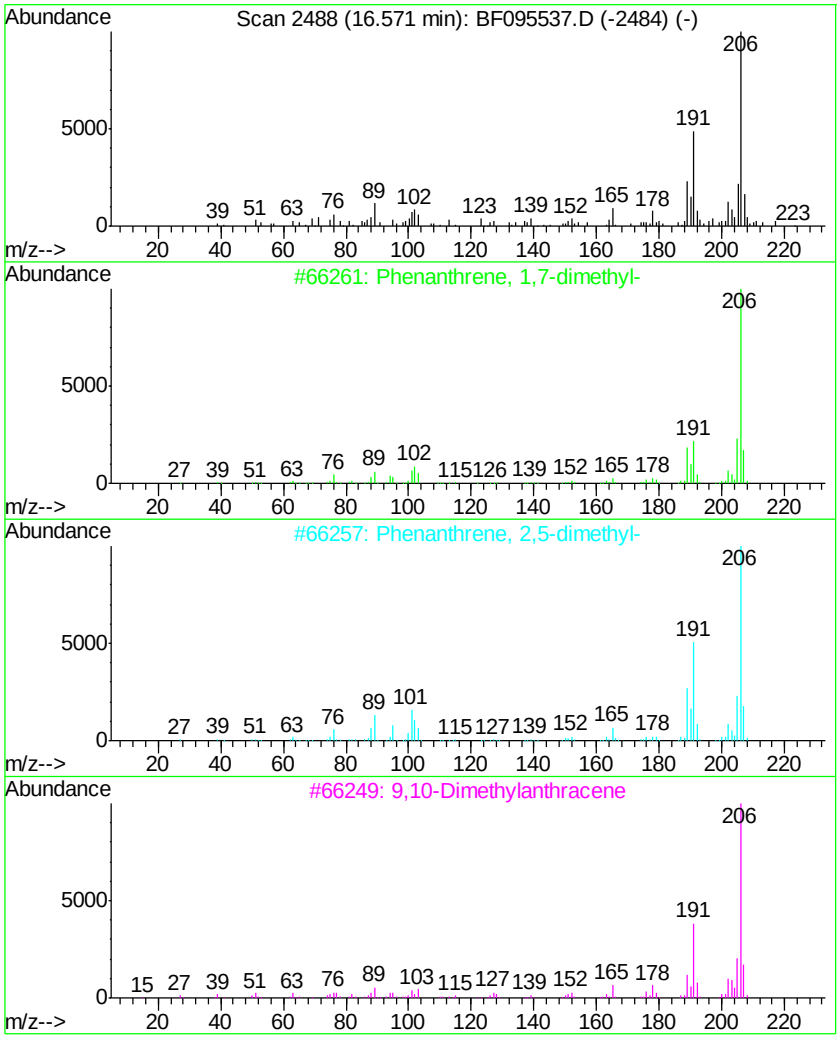
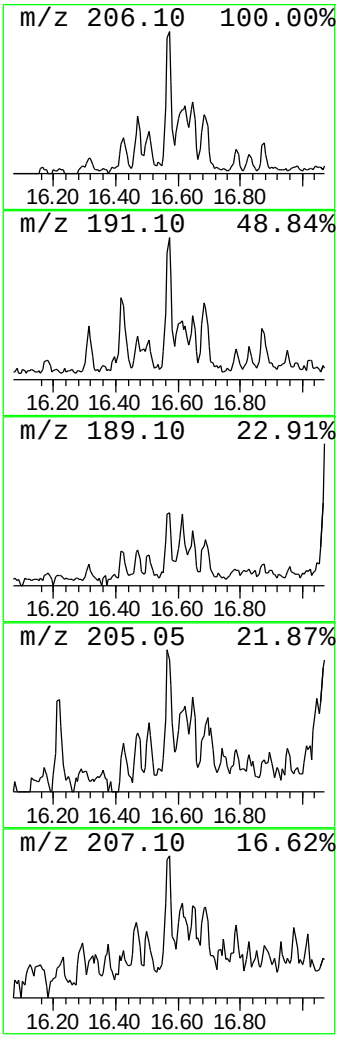
Peak Number 18 Phenanthrene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	3.56 ng	105609	Phenanthrene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	92
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	92





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Sample : I3281-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP9-D23

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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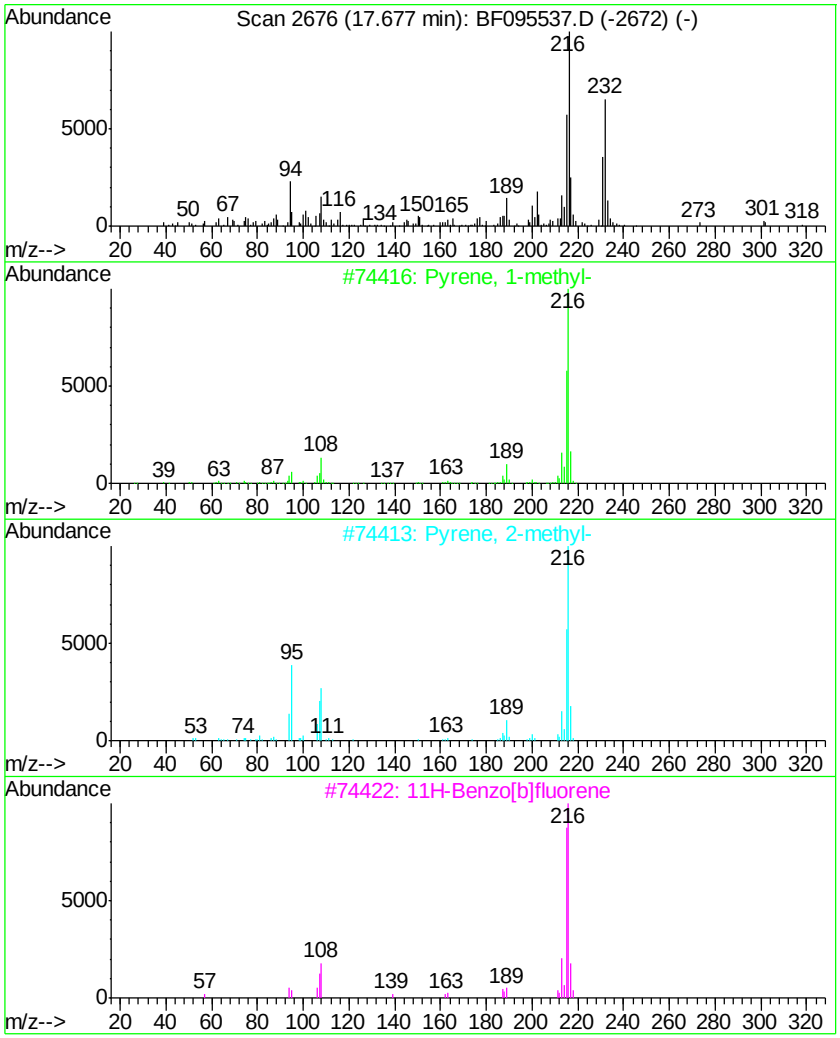
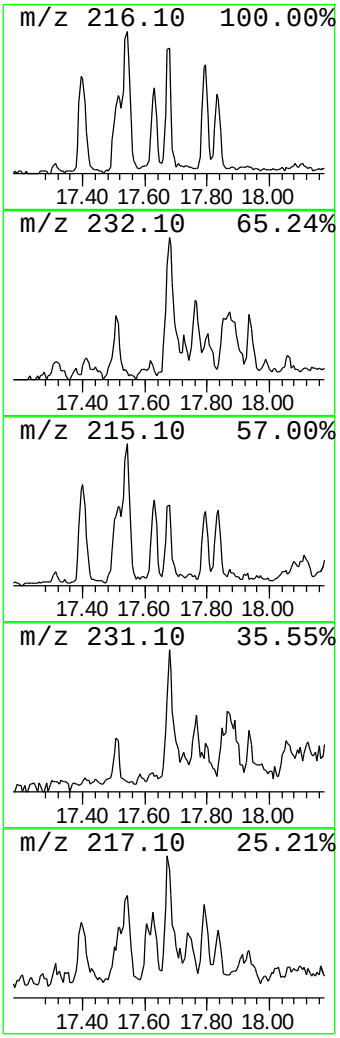
Peak Number 19 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	3.99 ng	208835	Chrysene-d12	18.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	55
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095537.D
Acq On : 30 May 2017 16:07
Operator : SJ/MA
Sample : I3281-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP9-D23

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
2-Pentanone, 4-hy...	5.09	10.9	ng	271223	1	7.74	499950	20.0
unknown7.40	7.40	101.9	ng	2546890	1	7.74	499950	20.0
Benzene, 1-ethyl-...	7.47	3.1	ng	78422	1	7.74	499950	20.0
Tetradecane	13.42	2.0	ng	78703	3	12.59	781197	20.0
Naphthalene, 1,6,...	13.49	2.0	ng	79069	3	12.59	781197	20.0
9H-Fluoren-9-ol	13.77	2.0	ng	79032	3	12.59	781197	20.0
Nonadecane, 9-met...	14.19	2.7	ng	80188	4	14.99	593013	20.0
unknown14.22	14.22	3.0	ng	89242	4	14.99	593013	20.0
Docosane	14.92	2.2	ng	64043	4	14.99	593013	20.0
Tridecane	15.58	3.1	ng	92464	4	14.99	593013	20.0
Phenanthrene, 2-m...	15.78	2.2	ng	65030	4	14.99	593013	20.0
Phenanthrene, 1-m...	15.82	4.0	ng	118449	4	14.99	593013	20.0
Phenanthrene, 4-m...	15.93	3.7	ng	109893	4	14.99	593013	20.0
n-Hexadecanoic acid	15.95	9.0	ng	265714	4	14.99	593013	20.0
Naphthalene, 2-ph...	16.22	3.2	ng	95736	4	14.99	593013	20.0
9,10-Anthracenedione	16.29	2.0	ng	60254	4	14.99	593013	20.0
Phenanthrene, 1,7...	16.57	3.6	ng	105609	4	14.99	593013	20.0
Pyrene, 1-methyl-	17.68	4.0	ng	208835	5	18.67	1046890	20.0