LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095534.D
Acq On : 30 May 2017 14:31
Operator : SJ/MA
Sample : I3281-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP8-SS3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.313	389	404	408	rBV	3854733	9954637	100.00%	24.105%
2	5.089	531	536	553	rBV	72953	206885	2.08%	0.501%
3	5.578	615	619	622	rBV	73236	105685	1.06%	0.256%
4	5.701	636	640	672	rBV	648152	1891305	19.00%	4.580%
5	5.954	679	683	692	rVB	107166	152498	1.53%	0.369%
6	7.283	905	909	925	rBV	674320	1619845	16.27%	3.922%
7	7.401	925	929	938	rVV	1234190	2231081	22.41%	5.402%
8	7.472	938	941	947	rVV	139124	185453	1.86%	0.449%
9	7.736	982	986	995	rBV	431686	548455	5.51%	1.328%
10	7.972	1021	1026	1041	rBV	1271197	1698151	17.06%	4.112%
11	8.642	1136	1140	1155	rBV	584975	1162554	11.68%	2.815%
12	9.760	1326	1330	1334	rBV	483315	673254	6.76%	1.630%
13	9.830	1340	1342	1355	rVB2	98346	148161	1.49%	0.359%
14	10.819	1503	1510	1518	rBV	82693	102544	1.03%	0.248%
15	10.924	1522	1528	1535	rBV	220745	339018	3.41%	0.821%
16	11.071	1547	1553	1560	rBV	180155	282709	2.84%	0.685%
17	11.524	1625	1630	1649	rVB	1718802	2471327	24.83%	5.984%
18	11.742	1664	1667	1678	rVB	91262	112211	1.13%	0.272%
19	12.060	1717	1721	1726	rBV	146594	235714	2.37%	0.571%
20	12.107	1726	1729	1741	rVB	138505	207563	2.09%	0.503%
21	12.230	1745	1750	1753	rBV	201716	319812	3.21%	0.774%
22	12.265	1753	1756	1769	rVB2	166989	297954	2.99%	0.721%
23	12.377	1769	1775	1781	rBV4	54055	102292	1.03%	0.248%
24	12.589	1806	1811	1817	rBV3	627798	986826	9.91%	2.390%
25	12.642	1817	1820	1828	rVB2	96914	157286	1.58%	0.381%
26	12.942	1867	1871	1879	rBV3	99333	213632	2.15%	0.517%
27	13.136	1899	1904	1910	rVV2	63495	99952	1.00%	0.242%
28	13.418	1947	1952	1957	rBV	118778	148788	1.49%	0.360%
29	13.489	1957	1964	1972	rVB3	177208	266466	2.68%	0.645%
30	13.765	2005	2011	2025	rBV3	94513	220623	2.22%	0.534%
31	13.889	2025	2032	2041	rBV	751283	1334904	13.41%	3.232%
32	13.960	2041	2044	2054	rVB5	69199	130696	1.31%	0.316%
33	14.189	2079	2083	2085	rVV	115319	143192	1.44%	0.347%
34	14.218	2085	2088	2093	rVV2	201747	284660	2.86%	0.689%

LSC Area Percent Report

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Data File : BF095534.D
Acq On : 30 May 2017 14:31
Operator : SJ/MA
Sample : I3281-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP8-SS3

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	14.612	2149	2155	2159	rBV4	79859	137102	1.38%	0.332%
36	14.918	2203	2207	2212	rVB	104221	121434	1.22%	0.294%
37	14.995	2212	2220	2223	rBV	543413	786625	7.90%	1.905%
38	15.030	2223	2226	2237	rVV	782536	1077640	10.83%	2.609%
39	15.118	2237	2241	2250	rVB	159972	246921	2.48%	0.598%
40	15.583	2315	2320	2327	rVB	122163	155945	1.57%	0.378%
41	15.777	2349	2353	2356	rBV	135378	153018	1.54%	0.371%
42	15.818	2356	2360	2367	rVB	183183	227293	2.28%	0.550%
43	15.930	2375	2379	2380	rBV2	145905	164118	1.65%	0.397%
44	16.218	2424	2428	2436	rVB	86824	130502	1.31%	0.316%
45	16.571	2484	2488	2492	rBV	113545	143065	1.44%	0.346%
46	16.653	2499	2502	2505	rBV2	125777	144495	1.45%	0.350%
47	16.718	2510	2513	2518	rVV2	137464	162404	1.63%	0.393%
48	16.777	2518	2523	2534	rVB	828352	1061229	10.66%	2.570%
49	17.077	2570	2574	2580	rVB	859781	1049275	10.54%	2.541%
50	17.224	2596	2599	2602	rVB	95914	100080	1.01%	0.242%
51	17.312	2609	2614	2622	rVB	1434455	1656715	16.64%	4.012%
52	17.547	2651	2654	2659	rVB	88274	121619	1.22%	0.294%
53	17.630	2662	2668	2672	rVB2	68024	108965	1.09%	0.264%
54	17.689	2672	2678	2684	rBV3	151324	268736	2.70%	0.651%
55	18.553	2821	2825	2833	rVB3	117584	202542	2.03%	0.490%
56	18.665	2839	2844	2848	rBV2	630879	1033990	10.39%	2.504%
57	18.706	2848	2851	2858	rVB3	318452	462453	4.65%	1.120%
58	19.783	3030	3034	3038	rVB3	153331	191411	1.92%	0.463%
59	19.941	3057	3061	3064	rBV	360081	512089	5.14%	1.240%
60	20.059	3078	3081	3085	rBV2	113482	146977	1.48%	0.356%
61	20.236	3107	3111	3114	rBV	232289	282955	2.84%	0.685%
62	20.294	3118	3121	3127	rVB	317781	361766	3.63%	0.876%
63	20.347	3127	3130	3134	rBV	427934	523289	5.26%	1.267%
64	21.688	3354	3358	3369	rVB	129843	269636	2.71%	0.653%
65	22.077	3420	3424	3440	rVB2	94312	257362	2.59%	0.623%

Sum of corrected areas: 41297784

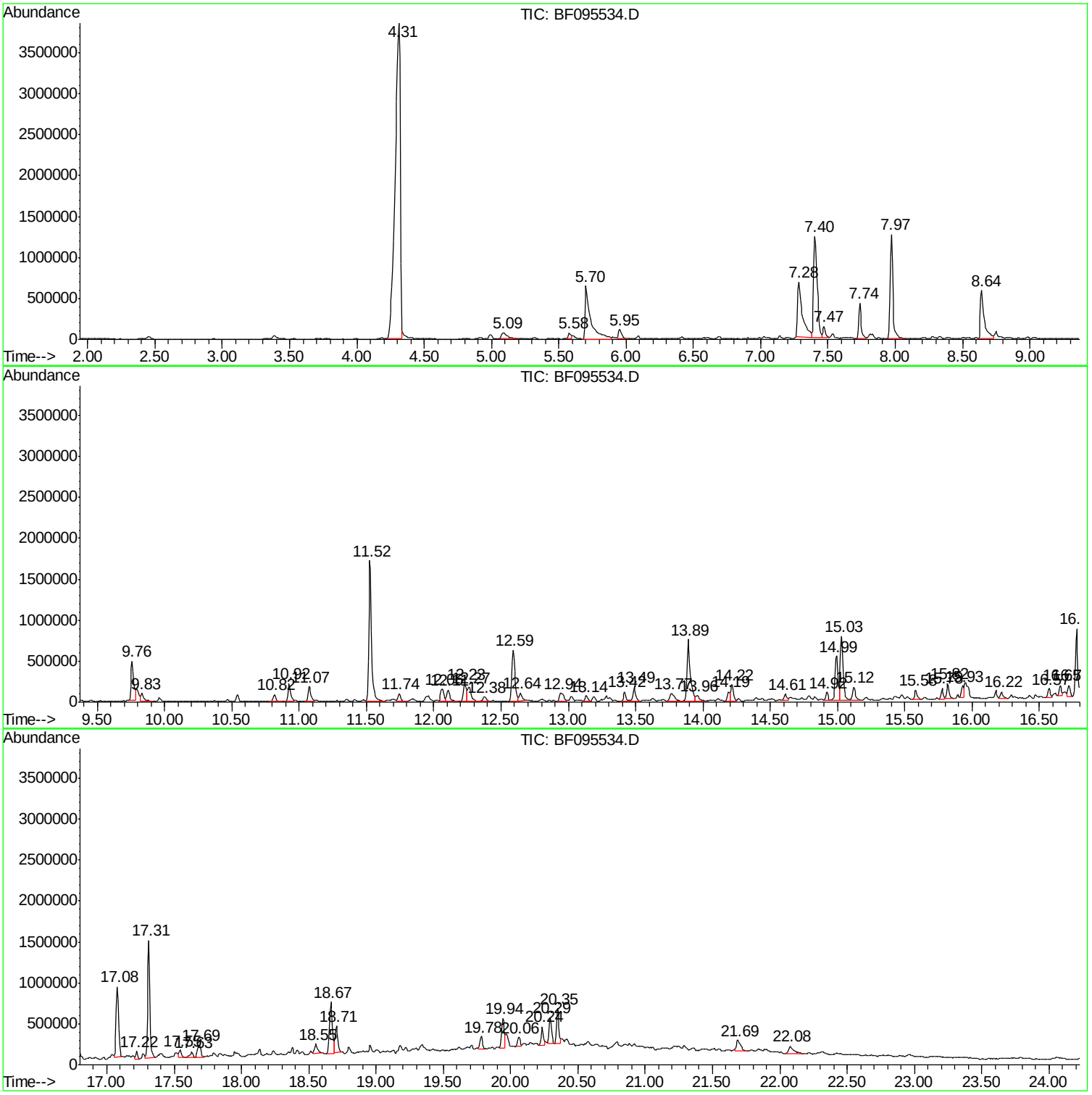
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095534.D
Acq On : 30 May 2017 14:31
Operator : SJ/MA
Sample : I3281-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP8-SS3

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

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095534.D
Acq On : 30 May 2017 14:31
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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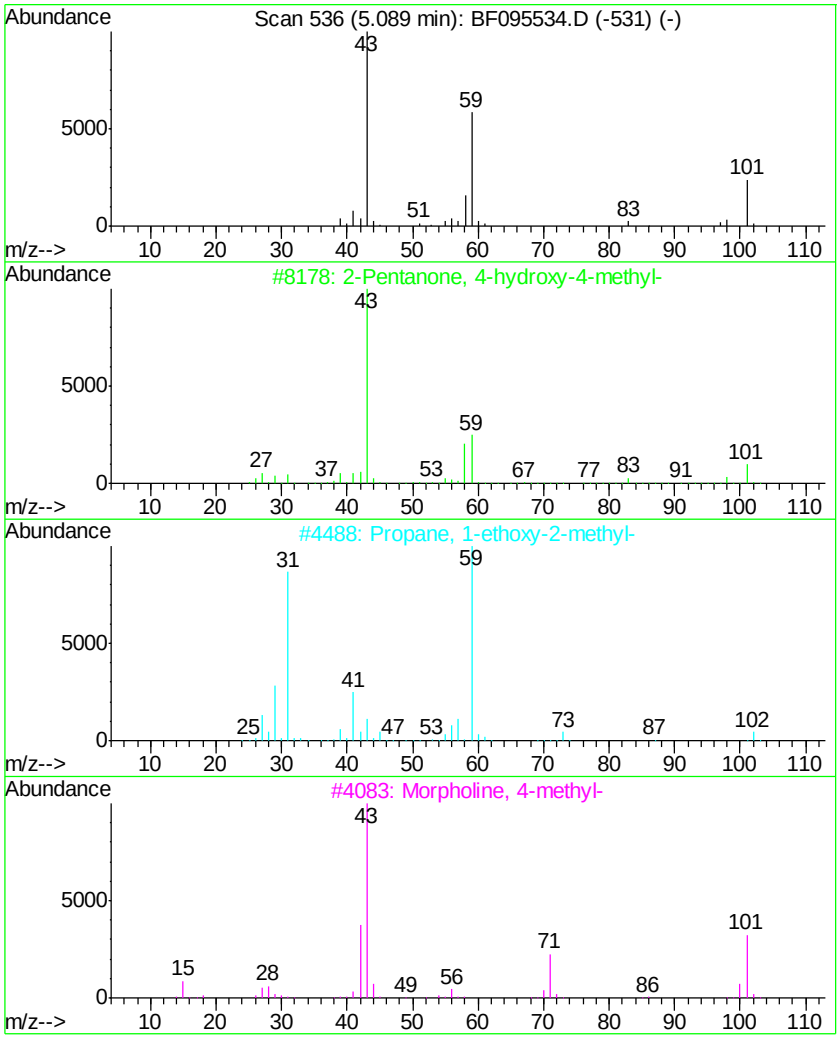
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

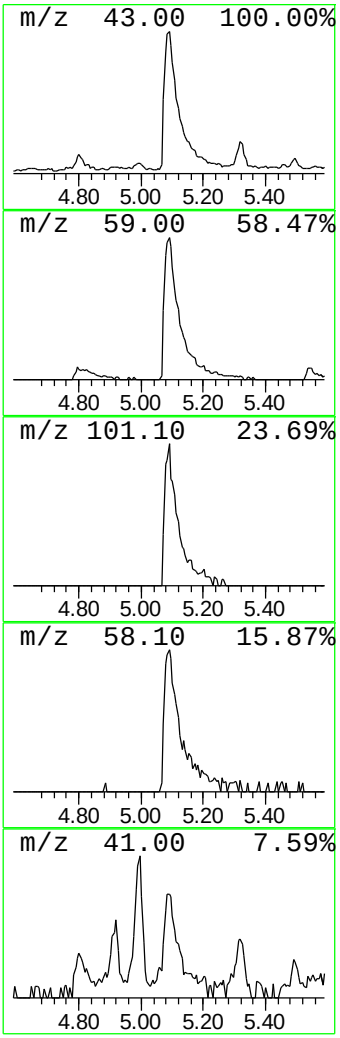
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	7.54 ng	206885	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	64
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095534.D
Acq On : 30 May 2017 14:31
Operator : SJ/MA
Sample : I3281-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP8-SS3

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

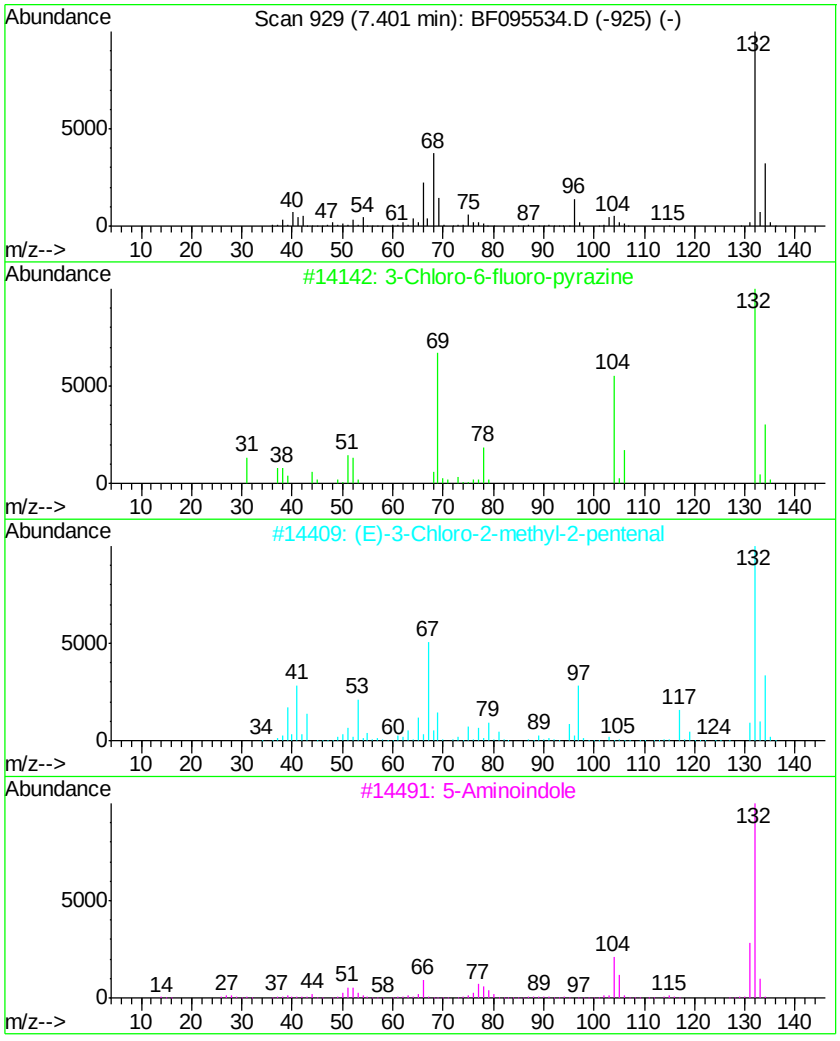
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

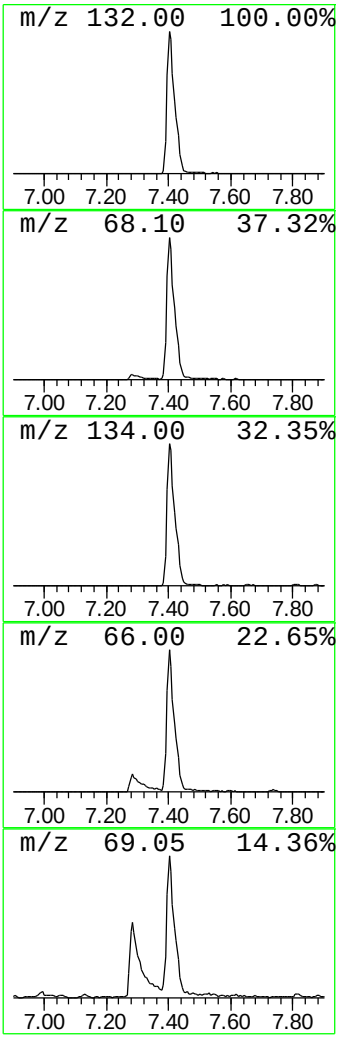
****

Peak Number 4 unknown7.40 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	81.36 ng	2231080	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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095534.D
Acq On : 30 May 2017 14:31
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Sample : I3281-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP8-SS3

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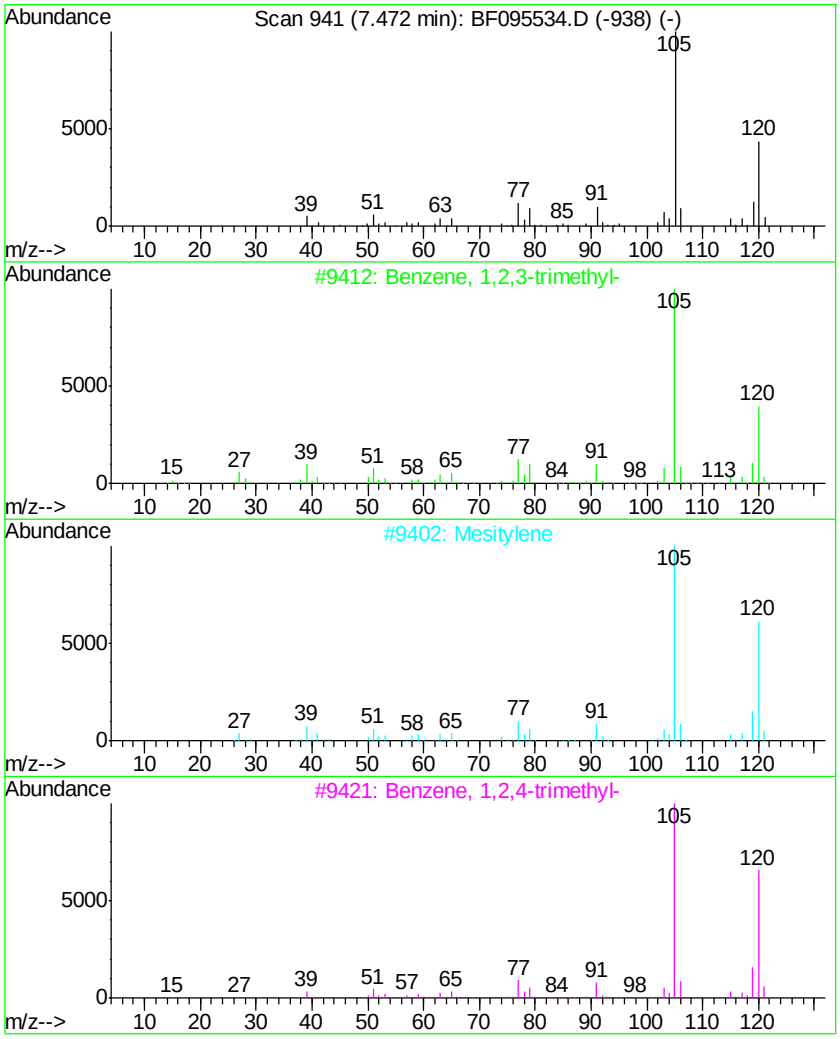
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

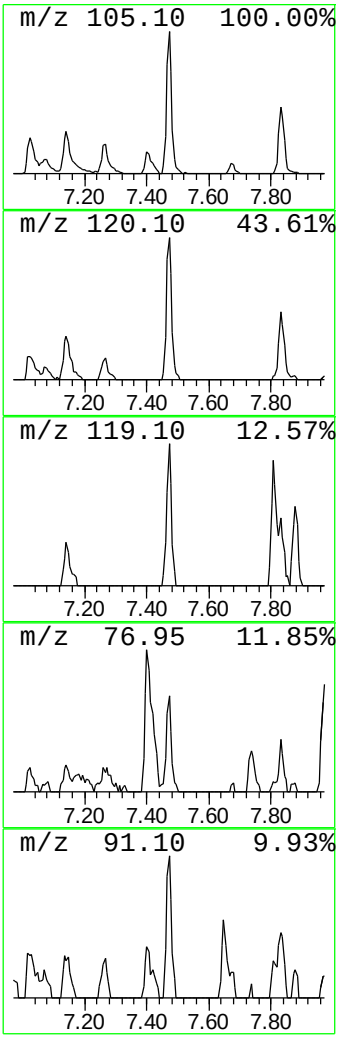
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	6.76 ng	185453	1,4-Dichlorobenzene-d4	7.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095534.D
Acq On : 30 May 2017 14:31
Operator : SJ/MA
Sample : I3281-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP8-SS3

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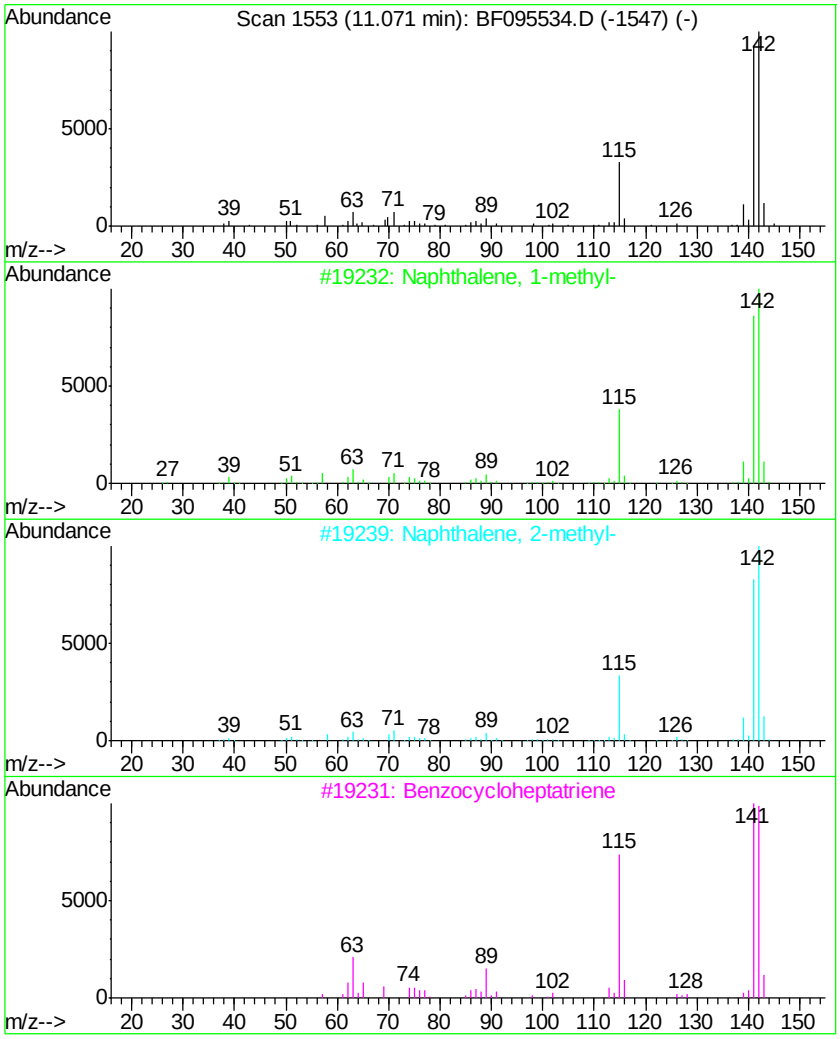
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

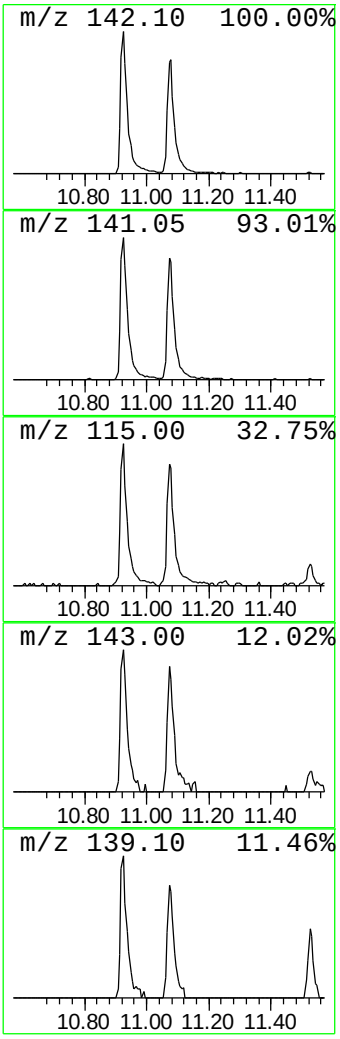
****

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	8.40 ng	282709	Naphthalene-d8	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	78





Library Search Compound Report

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Data File : BF095534.D
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Operator : SJ/MA
Sample : I3281-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP8-SS3

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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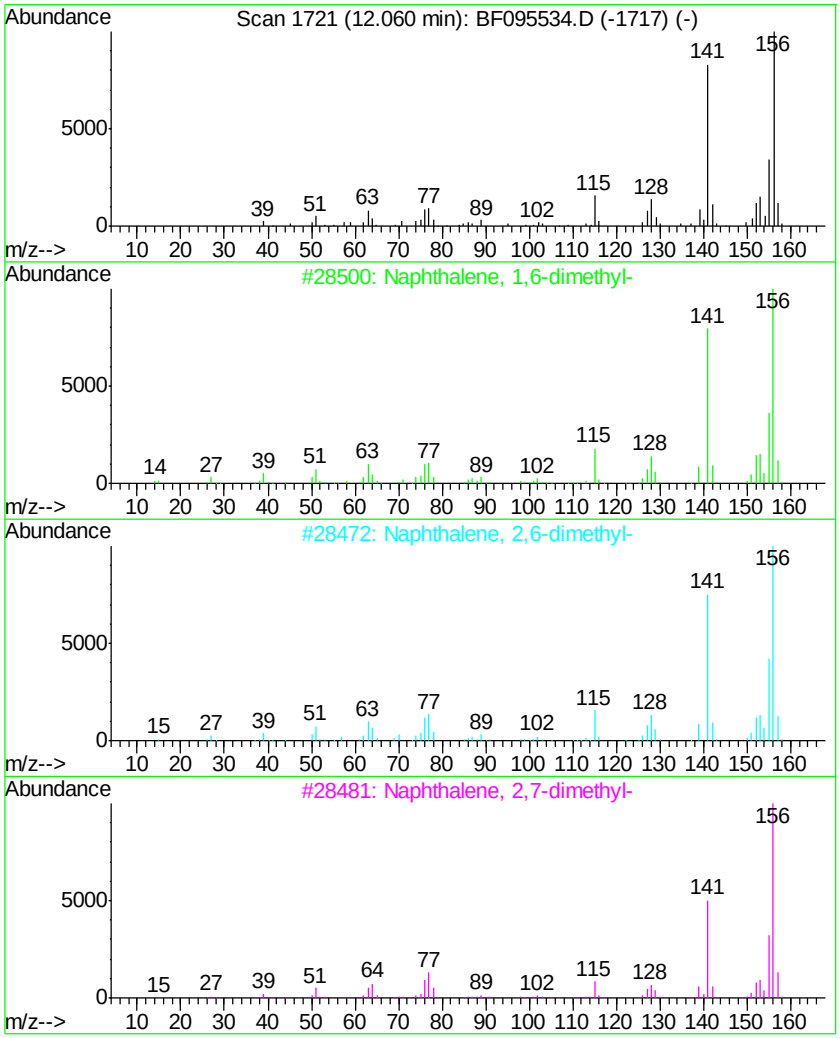
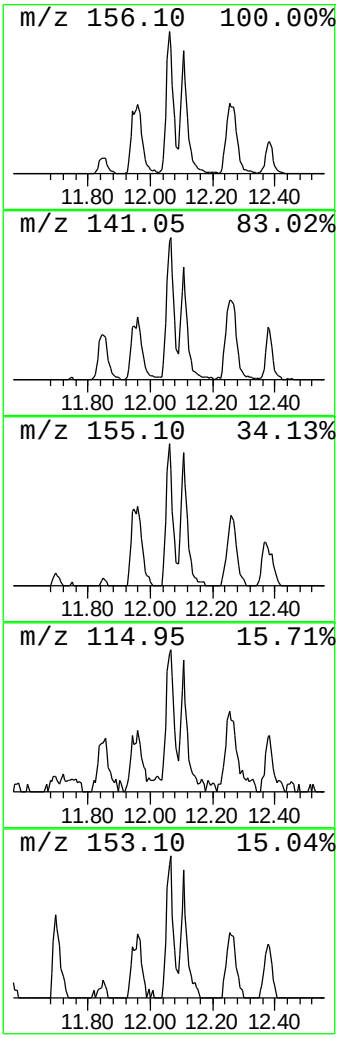
Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	4.78 ng	235714	Acenaphthene-d10	12.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095534.D
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Operator : SJ/MA
Sample : I3281-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP8-SS3

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

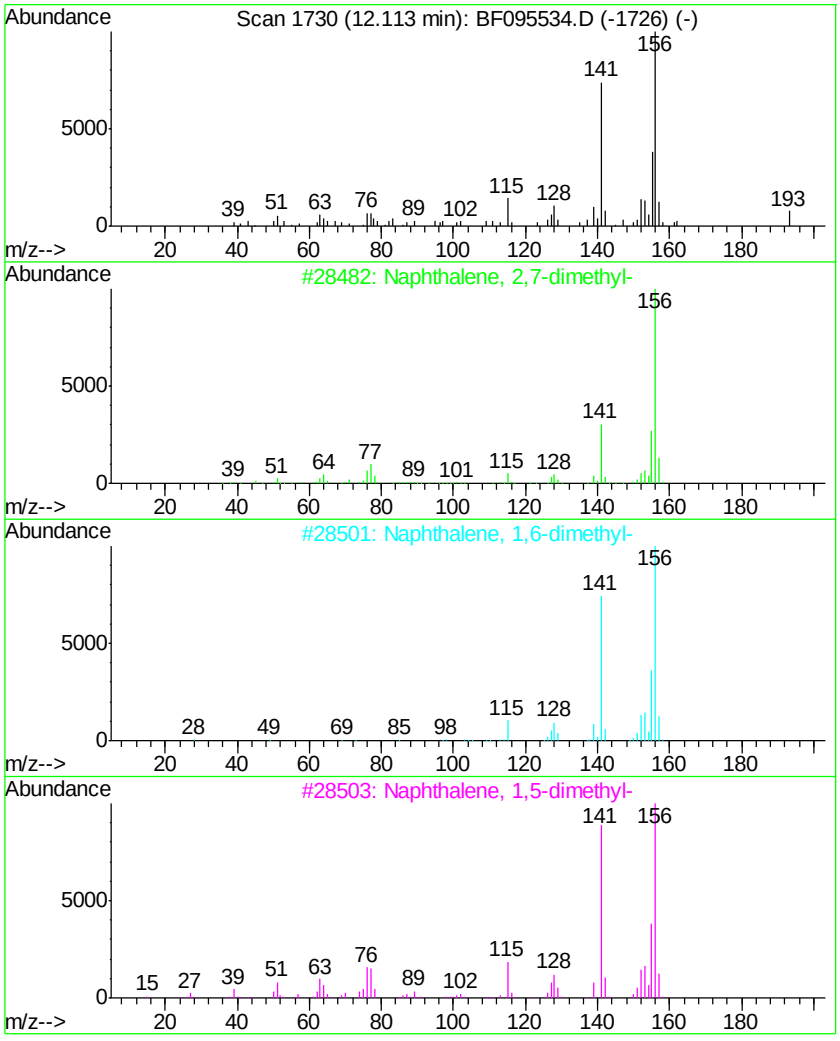
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

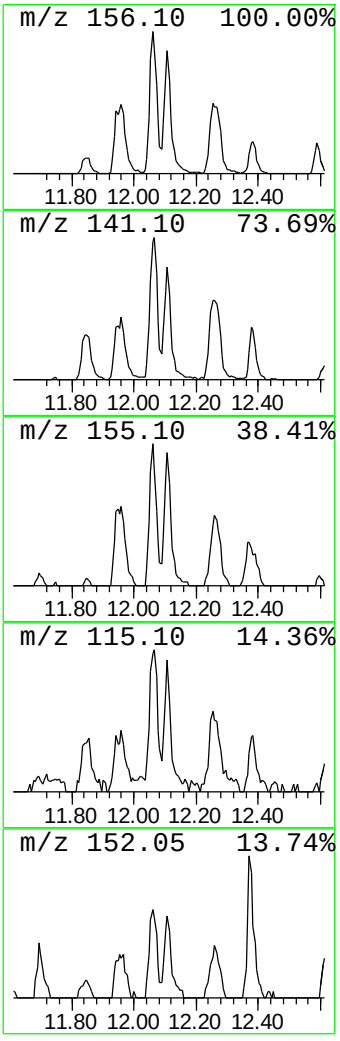
****

Peak Number 9 Naphthalene, 2,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	4.21 ng	207563	Acenaphthene-d10	12.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095534.D
Acq On : 30 May 2017 14:31
Operator : SJ/MA
Sample : I3281-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP8-SS3

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

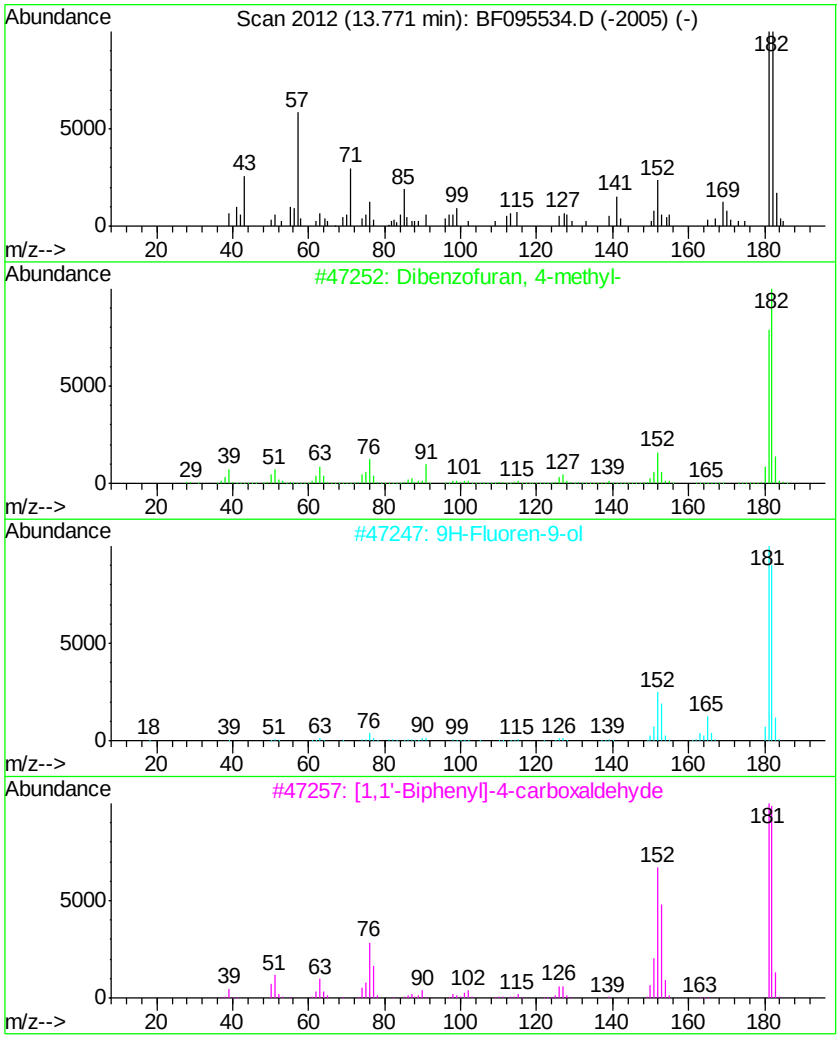
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

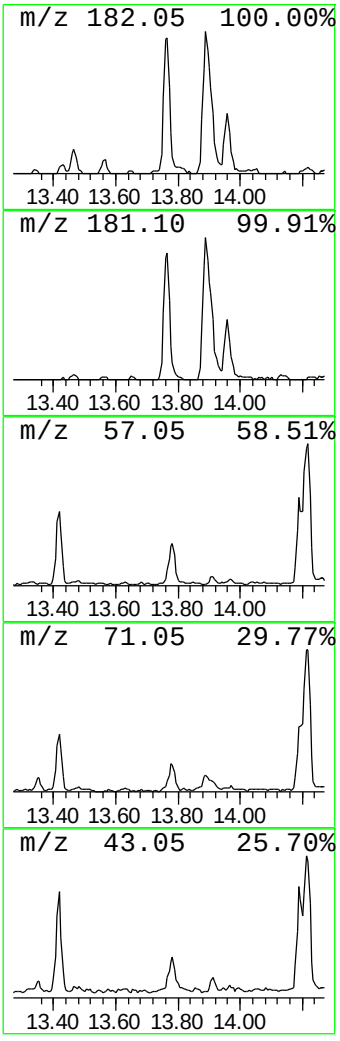
****

Peak Number 10 Dibenzofuran, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	4.47 ng	220623	Acenaphthene-d10	12.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	59
5	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	59





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Data File : BF095534.D
Acq On : 30 May 2017 14:31
Operator : SJ/MA
Sample : I3281-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP8-SS3

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

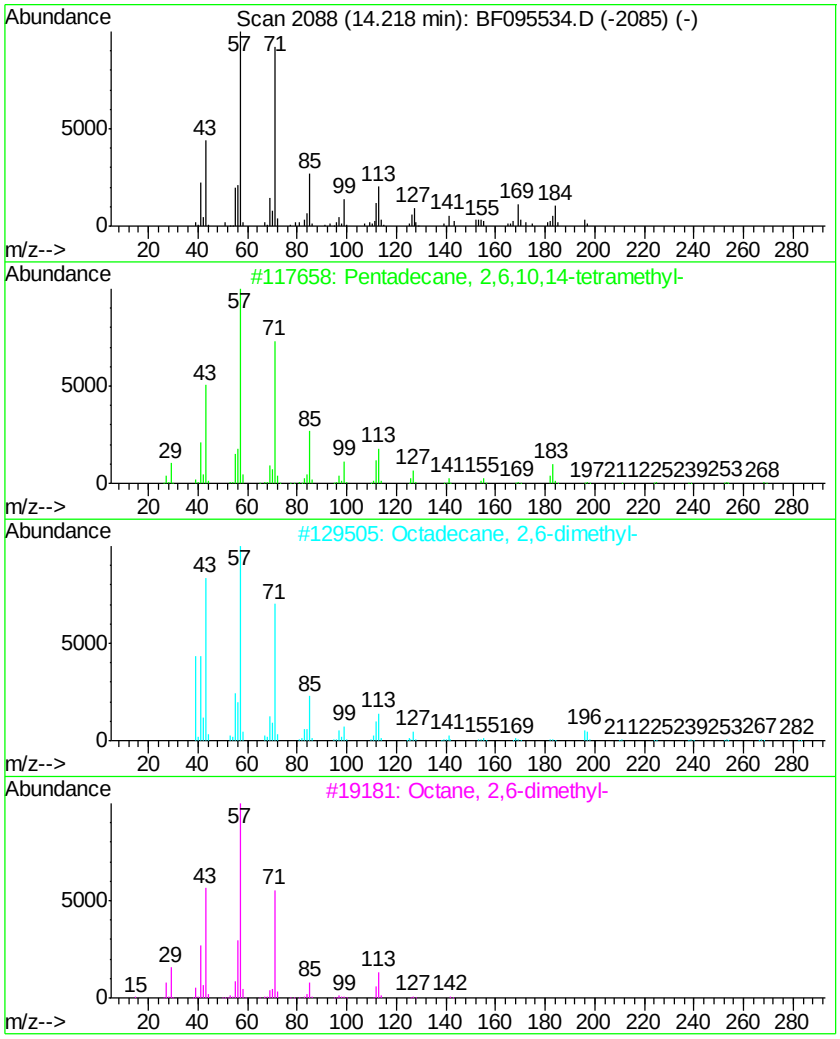
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

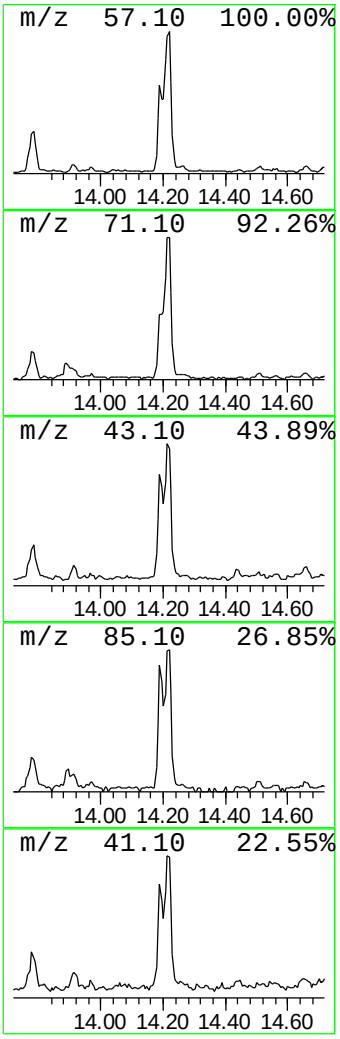
****

Peak Number 11 Pentadecane, 2,6,10,14-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	7.24 ng	284660	Phenanthrene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	72
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
4	Tridecane	184	C13H28	000629-50-5	59
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53





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Sample : I3281-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP8-SS3

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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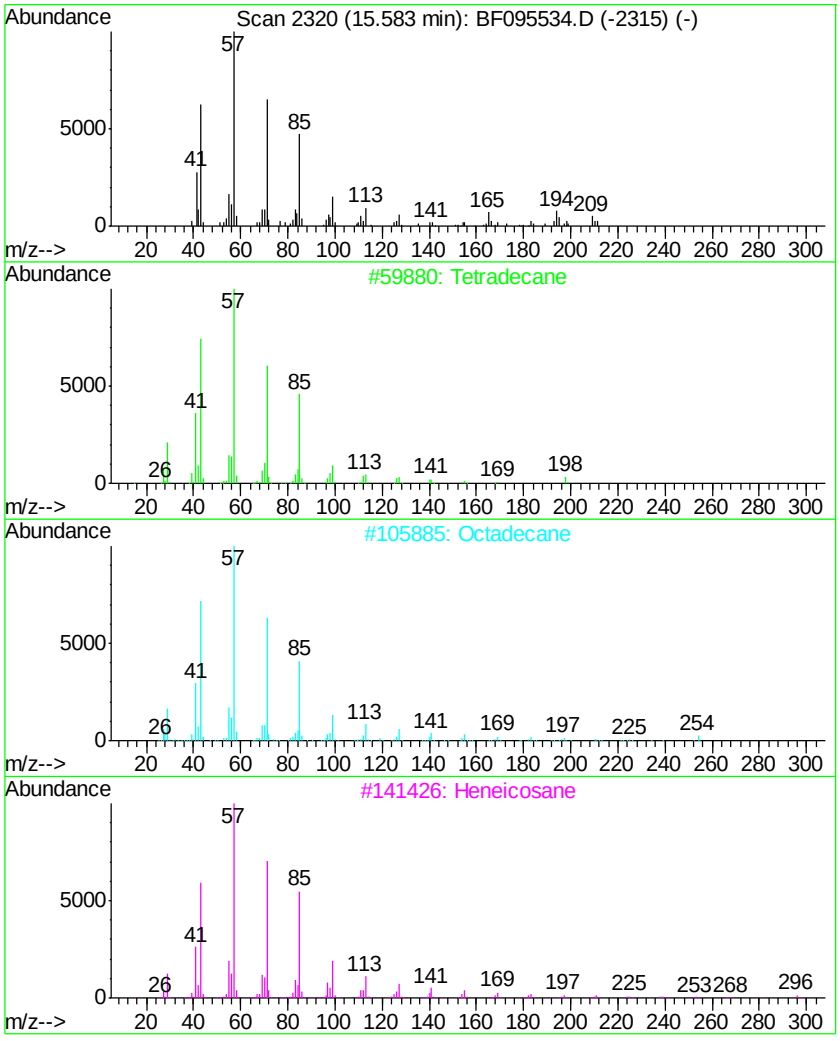
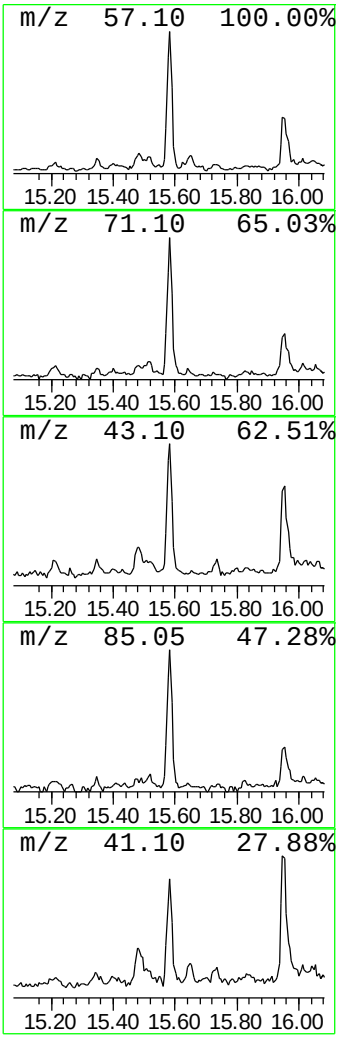
Peak Number 12 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	3.96 ng	155945	Phenanthrene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Octadecane	254	C18H38	000593-45-3	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Octacosane	394	C28H58	000630-02-4	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





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Sample : I3281-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP8-SS3

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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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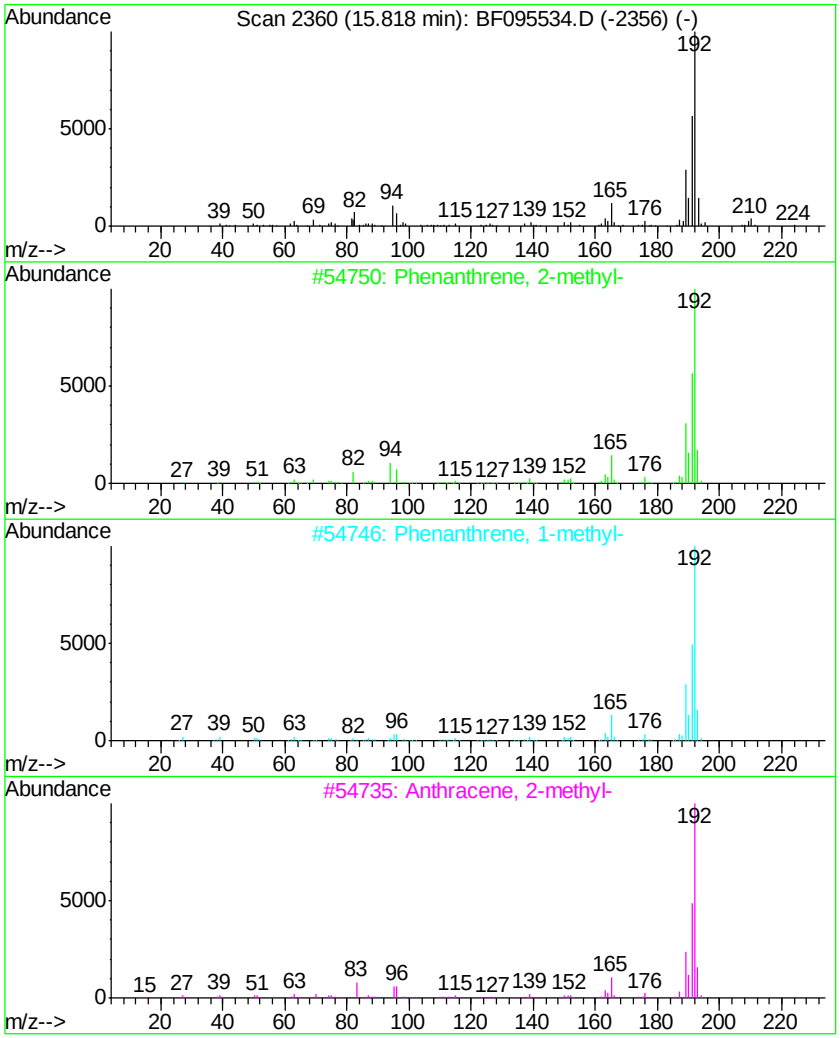
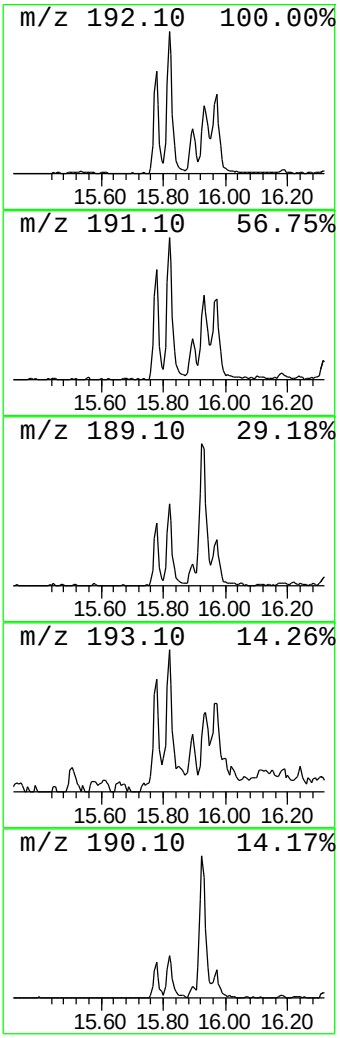
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	5.78 ng	227293	Phenanthrene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Acq On : 30 May 2017 14:31
Operator : SJ/MA
Sample : I3281-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP8-SS3

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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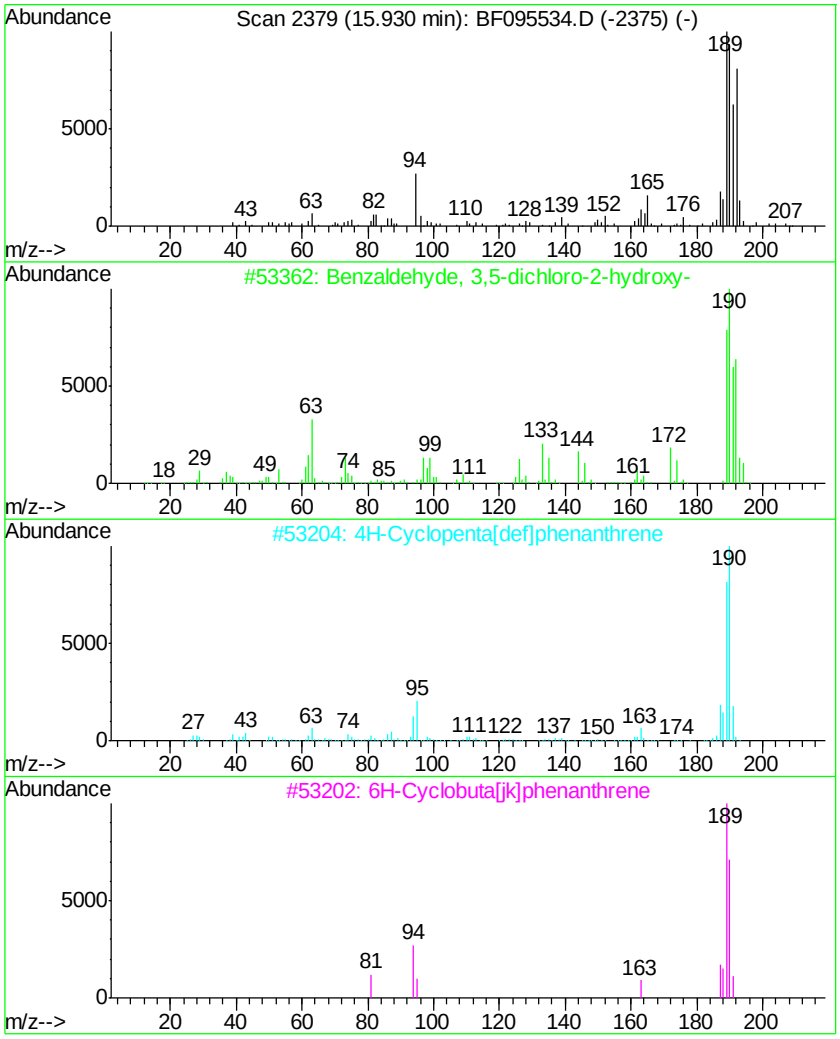
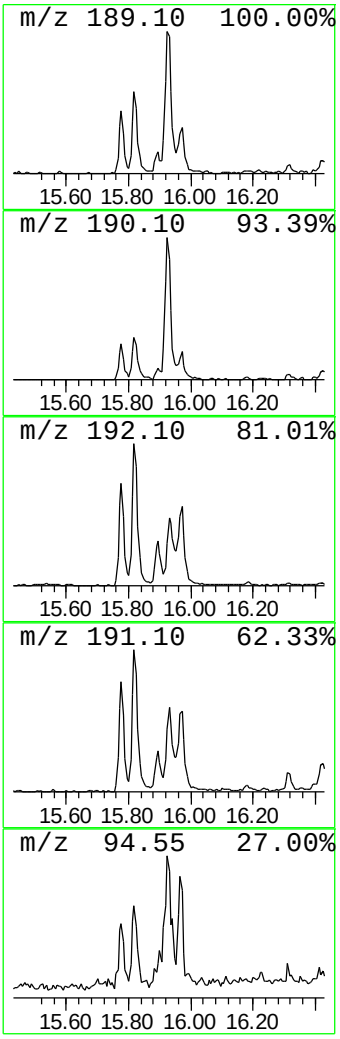
Peak Number 14 Benzaldehyde, 3,5-dichloro-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	4.17 ng	164118	Phenanthrene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	44
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	41





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Acq On : 30 May 2017 14:31
Operator : SJ/MA
Sample : I3281-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP8-SS3

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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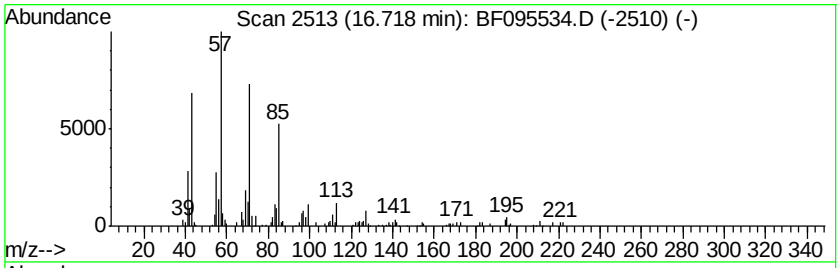
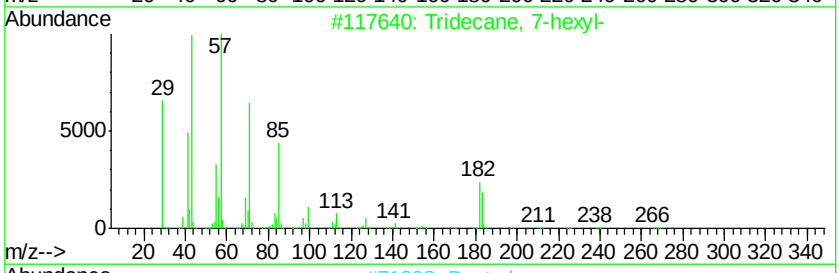
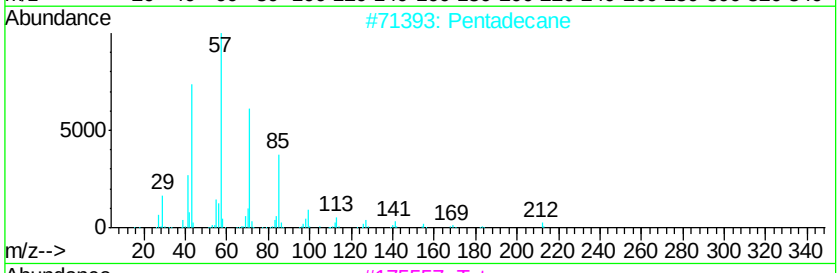
Peak Number 15 Tridecane, 7-hexyl- Concentration Rank 18

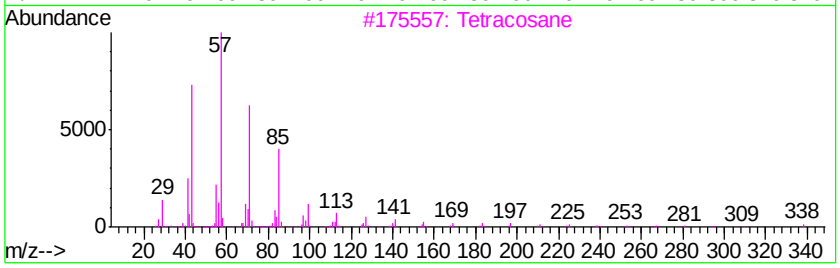
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	4.13 ng	162404	Phenanthrene-d10	14.99

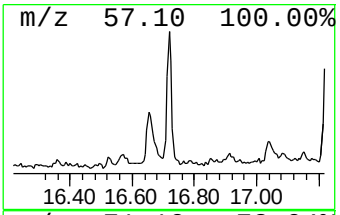
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tetratetracontane	619	C44H90	007098-22-8	86

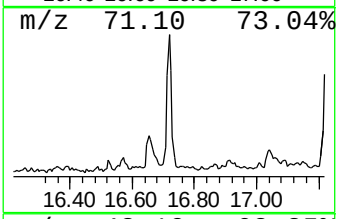


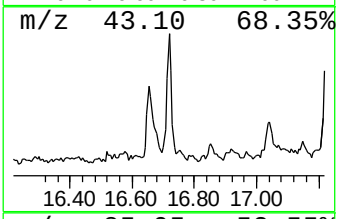


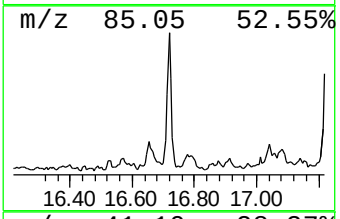


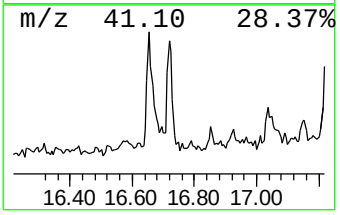












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Data File : BF095534.D
Acq On : 30 May 2017 14:31
Operator : SJ/MA
Sample : I3281-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP8-SS3

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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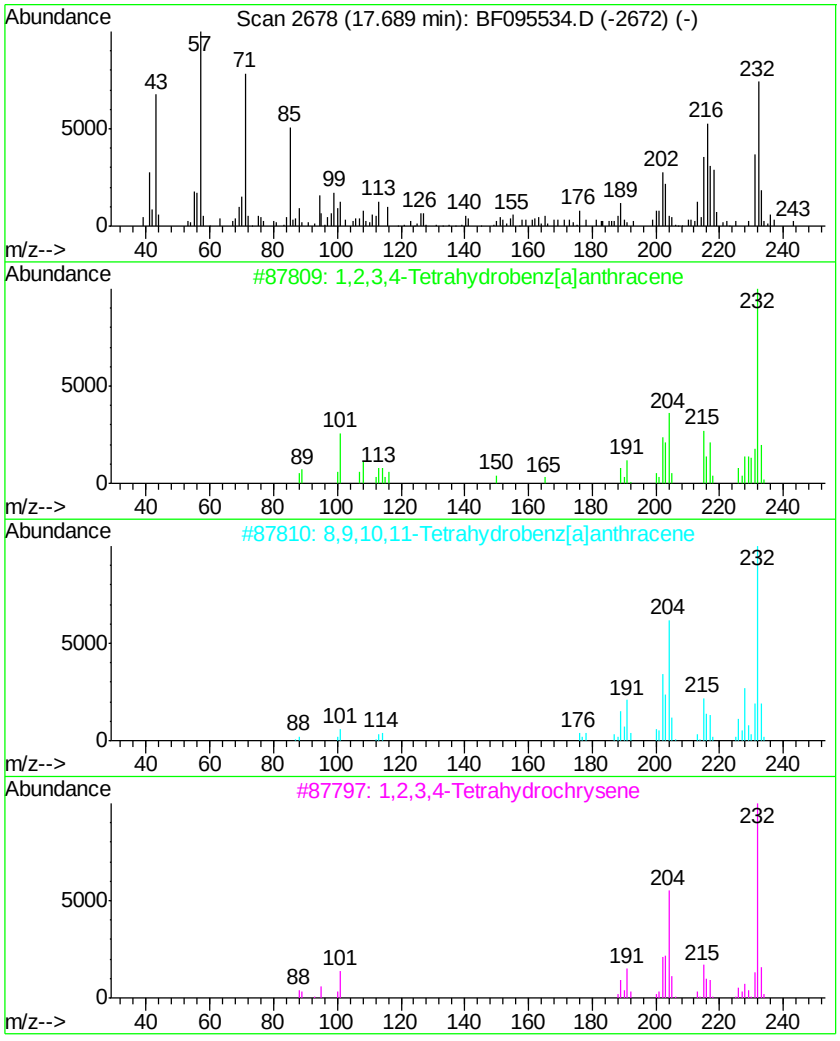
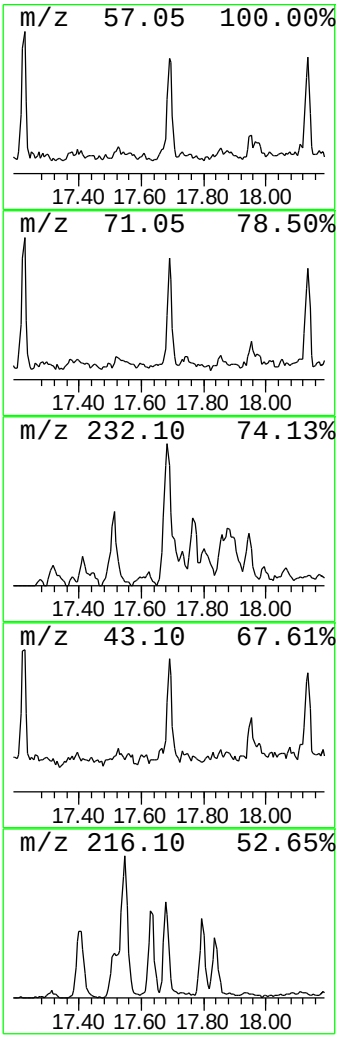
Peak Number 16 1,2,3,4-Tetrahydrobenz[a]an... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	5.20 ng	268736	Chrysene-d12	18.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Tetrahydrobenz[a]anthracene	232	C18H16	004483-98-1	62
2	8,9,10,11-Tetrahydrobenz[a]anthr...	232	C18H16	067064-62-4	52
3	1,2,3,4-Tetrahydrochrysene	232	C18H16	002091-90-9	49
4	1,4-Dimethyl-2-phenyl-naphthalene	232	C18H16	051036-91-0	49
5	Azulene, 4,8-dimethyl-6-phenyl-	232	C18H16	042758-88-3	42





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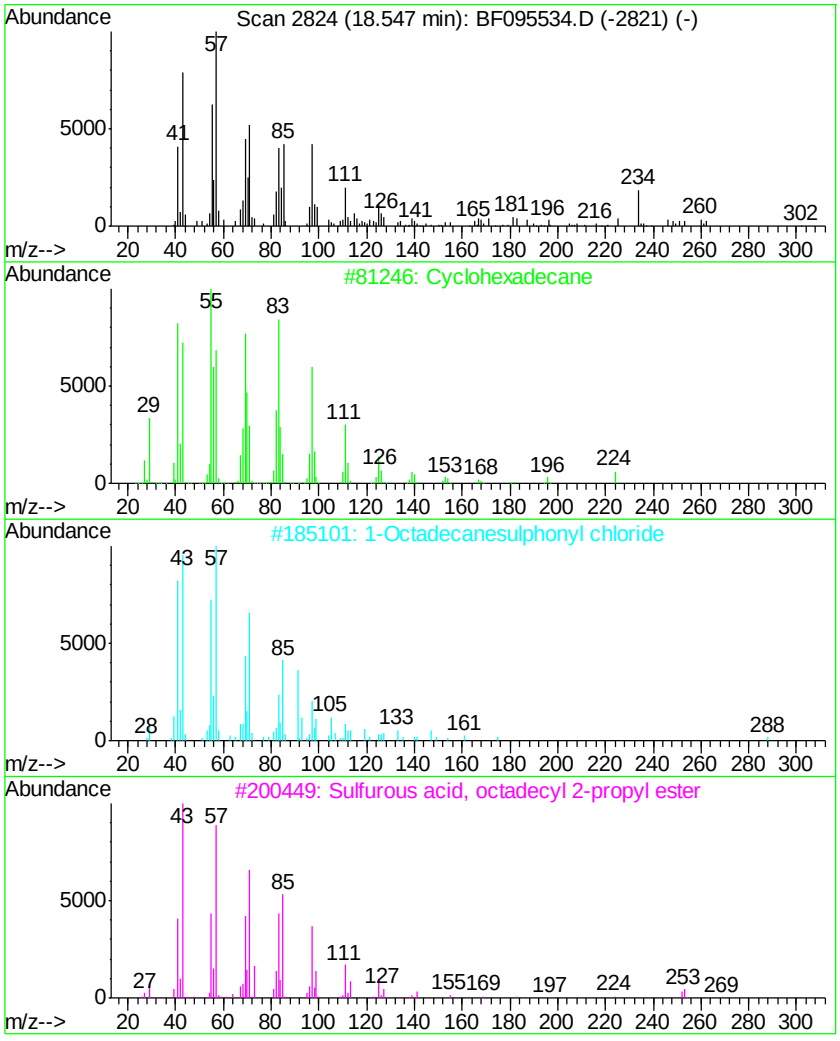
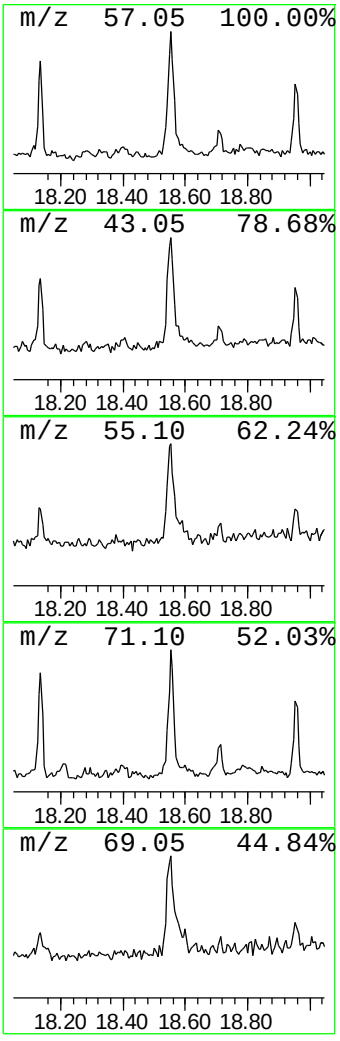
Peak Number 17 Cyclohexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	3.92 ng	202542	Chrysene-d12	18.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	80
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	72
3	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	72
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	64
5	Nonadecane	268	C19H40	000629-92-5	58





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Acq On : 30 May 2017 14:31
Operator : SJ/MA
Sample : I3281-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP8-SS3

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

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

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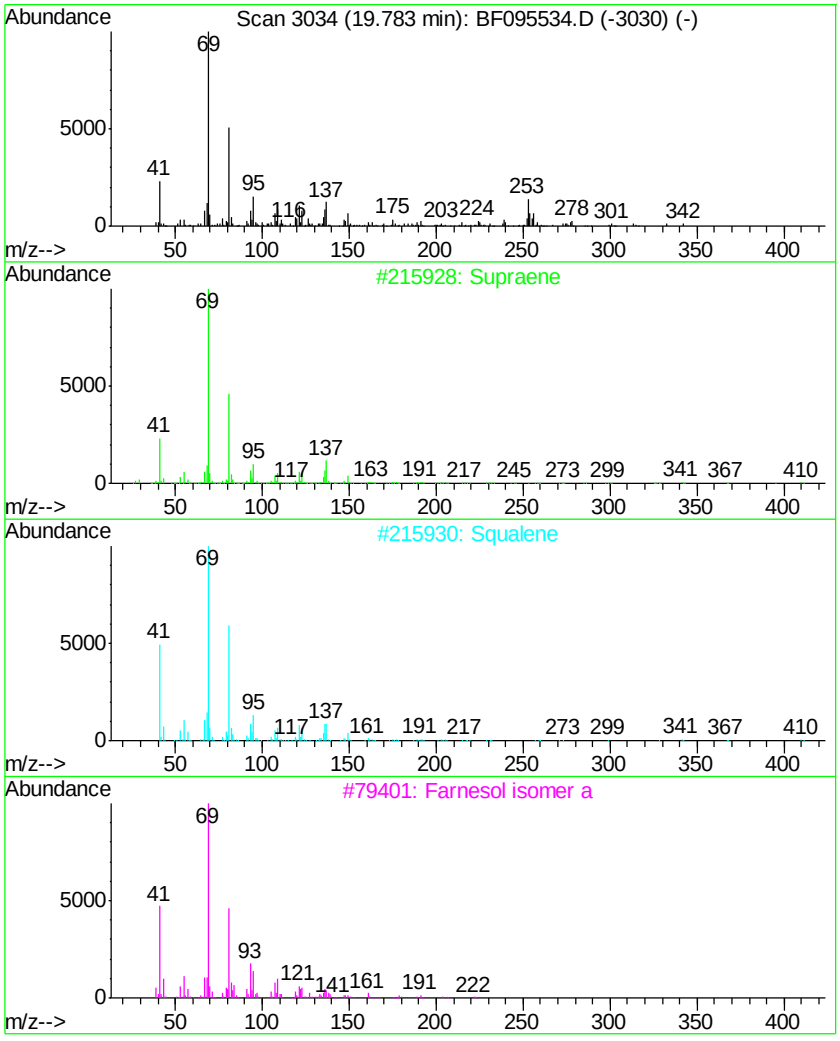
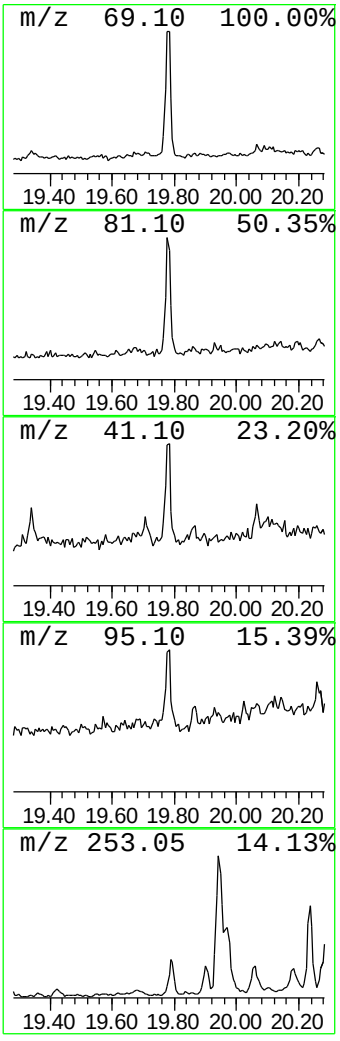
Peak Number 18 Supraene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.78	7.32 ng	191411	Perylene-d12	20.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	74
2	Squalene	410	C30H50	000111-02-4	72
3	Farnesol isomer a	222	C15H26O	1000108-92-4	62
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	58
5	Propanoic acid, 2,2-dimethyl-, [...	306	C20H34O2	1000164-38-8	53





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Sample : I3281-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP8-SS3

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

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

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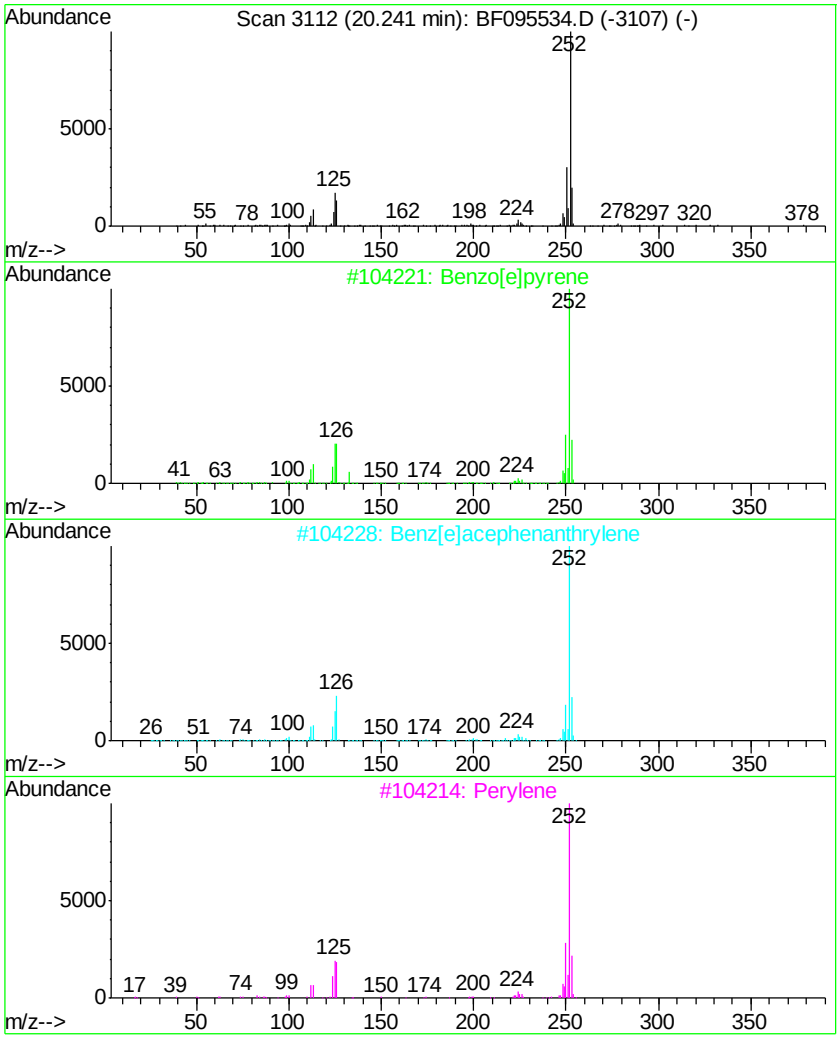
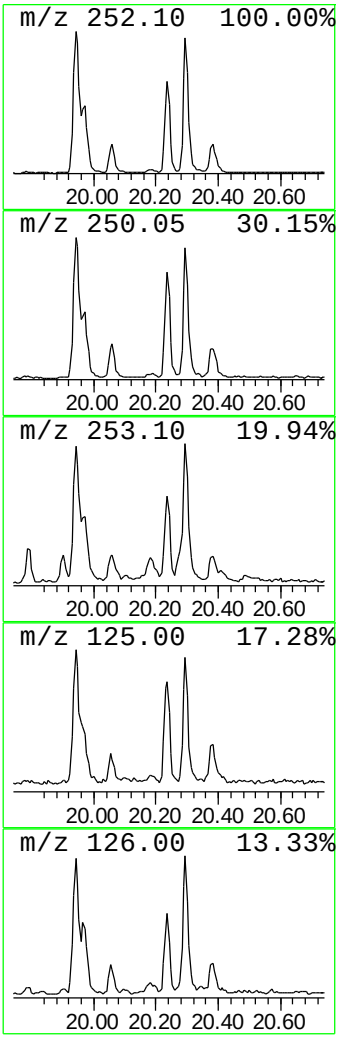
Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	10.81 ng	282955	Perylene-d12	20.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
3	Perylene	252	C20H12	000198-55-0	97
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095534.D
Acq On : 30 May 2017 14:31
Operator : SJ/MA
Sample : I3281-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP8-SS3

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	7.5	ng	206885	1	7.74	548455	20.0
unknown7.40	7.40	81.4	ng	2231080	1	7.74	548455	20.0
Benzene, 1,2,3-tr...	7.47	6.8	ng	185453	1	7.74	548455	20.0
Naphthalene, 1-me...	11.07	8.4	ng	282709	2	9.76	673254	20.0
Naphthalene, 1,6-...	12.06	4.8	ng	235714	3	12.59	986826	20.0
Naphthalene, 2,7-...	12.11	4.2	ng	207563	3	12.59	986826	20.0
Dibenzofuran, 4-m...	13.77	4.5	ng	220623	3	12.59	986826	20.0
Pentadecane, 2,6,...	14.22	7.2	ng	284660	4	14.99	786625	20.0
Tetradecane	15.58	4.0	ng	155945	4	14.99	786625	20.0
Phenanthrene, 2-m...	15.82	5.8	ng	227293	4	14.99	786625	20.0
Benzaldehyde, 3,5...	15.93	4.2	ng	164118	4	14.99	786625	20.0
Tridecane, 7-hexyl-	16.72	4.1	ng	162404	4	14.99	786625	20.0
1,2,3,4-Tetrahydr...	17.69	5.2	ng	268736	5	18.67	1033990	20.0
Cyclohexadecane	18.55	3.9	ng	202542	5	18.67	1033990	20.0
Supraene	19.78	7.3	ng	191411	6	20.35	523289	20.0
Benzo[e]pyrene	20.24	10.8	ng	282955	6	20.35	523289	20.0