LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010552.D
Acq On : 13 Jun 2017 01:21
Operator : SJ/MA
Sample : I3521-10DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM-EPA-BM052717.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.887	808	816	825	rBV	499507	788487	10.06%	1.455%
2	10.687	1285	1292	1296	rBV	582052	994178	12.68%	1.835%
3	10.740	1296	1301	1311	rVV	2622264	4206109	53.64%	7.762%
4	10.863	1313	1322	1329	rVV3	103586	192677	2.46%	0.356%
5	12.339	1565	1573	1580	rBV	1537933	2345871	29.92%	4.329%
6	12.563	1601	1611	1617	rVB	691995	1123075	14.32%	2.072%
7	13.351	1740	1745	1751	rBV	371281	559446	7.14%	1.032%
8	13.545	1772	1778	1789	rVB	131248	238177	3.04%	0.440%
9	13.675	1794	1800	1801	rBV	201301	279624	3.57%	0.516%
10	13.833	1820	1827	1832	rBV2	285863	523643	6.68%	0.966%
11	13.886	1832	1836	1842	rVV2	182184	269897	3.44%	0.498%
12	14.075	1862	1868	1871	rBV2	121019	196304	2.50%	0.362%
13	14.239	1887	1896	1902	rVB6	83567	187180	2.39%	0.345%
14	14.486	1933	1938	1940	rBV	165945	234815	2.99%	0.433%
15	14.522	1940	1944	1950	rVV2	894053	1368079	17.45%	2.525%
16	14.586	1950	1955	1962	rVB	1373363	1976482	25.21%	3.647%
17	14.922	2005	2012	2018	rVV	1217771	1847482	23.56%	3.409%
18	14.980	2018	2022	2027	rVB4	78033	121104	1.54%	0.223%
19	15.127	2039	2047	2051	rBV5	58119	98558	1.26%	0.182%
20	15.298	2067	2076	2080	rBV7	42097	95002	1.21%	0.175%
21	15.569	2116	2122	2131	rVB	1718812	2440687	31.13%	4.504%
22	15.663	2131	2138	2140	rBV5	60774	104178	1.33%	0.192%
23	15.727	2145	2149	2154	rVB	167832	238112	3.04%	0.439%
24	15.816	2161	2164	2167	rBV3	69659	98207	1.25%	0.181%
25	15.857	2167	2171	2177	rVB	245638	352738	4.50%	0.651%
26	16.004	2190	2196	2204	rBV	260993	506032	6.45%	0.934%
27	16.204	2217	2230	2241	rBV7	64994	166972	2.13%	0.308%
28	16.563	2281	2291	2296	rBV2	175481	356694	4.55%	0.658%
29	16.616	2296	2300	2305	rVV4	59921	88975	1.13%	0.164%
30	16.716	2314	2317	2322	rVB2	69929	94543	1.21%	0.174%
31	16.786	2322	2329	2332	rBV5	66492	141401	1.80%	0.261%
32	16.986	2358	2363	2369	rBV	75547	136437	1.74%	0.252%
33	17.092	2374	2381	2386	rVB	366894	522724	6.67%	0.965%
34	17.274	2406	2412	2415	rBV	1308771	1960235	25.00%	3.617%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010552.D
Acq On : 13 Jun 2017 01:21
Operator : SJ/MA
Sample : I3521-10DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM-EPA-BM052717.M
Title : SVOA CALIBRATION

35	17.316	2415	2419	2425	rVV	6093643	7840636	100.00%	14.469%
36	17.404	2429	2434	2440	rVB	531334	756496	9.65%	1.396%
37	17.692	2472	2483	2489	rBV	294578	539896	6.89%	0.996%
38	17.786	2494	2499	2504	rBV2	77485	124082	1.58%	0.229%
39	18.139	2554	2559	2563	rBV	324523	456659	5.82%	0.843%
40	18.186	2563	2567	2573	rVB	428156	621954	7.93%	1.148%
41	18.268	2576	2581	2586	rBV2	184168	258502	3.30%	0.477%
42	18.339	2587	2593	2597	rBV3	572250	930372	11.87%	1.717%
43	18.639	2639	2644	2650	rVB	251674	348463	4.44%	0.643%
44	19.045	2708	2713	2717	rBV2	97501	152201	1.94%	0.281%
45	19.321	2754	2760	2767	rBV	3292106	4325172	55.16%	7.982%
46	19.568	2798	2802	2810	rVB	96530	202197	2.58%	0.373%
47	19.651	2810	2816	2818	rBV2	534796	795726	10.15%	1.468%
48	19.686	2818	2822	2830	rVV	1917579	2762619	35.23%	5.098%
49	19.751	2830	2833	2836	rVB2	99703	124281	1.59%	0.229%
50	19.862	2848	2852	2856	rVB	137460	169122	2.16%	0.312%
51	19.998	2871	2875	2883	rVB4	131287	302716	3.86%	0.559%
52	20.080	2885	2889	2892	rBV2	71935	123902	1.58%	0.229%
53	20.174	2901	2905	2910	rVB	380372	530901	6.77%	0.980%
54	20.274	2917	2922	2926	rBV	411057	570261	7.27%	1.052%
55	21.086	3057	3060	3063	rBV	131645	190993	2.44%	0.352%
56	21.439	3113	3120	3124	rBV2	2605396	3998100	50.99%	7.378%
57	21.474	3124	3126	3131	rVB	552234	625816	7.98%	1.155%
58	23.774	3511	3517	3523	rVB	1441230	2584397	32.96%	4.769%

Sum of corrected areas: 54189589

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Operator : SJ/MA
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Misc :
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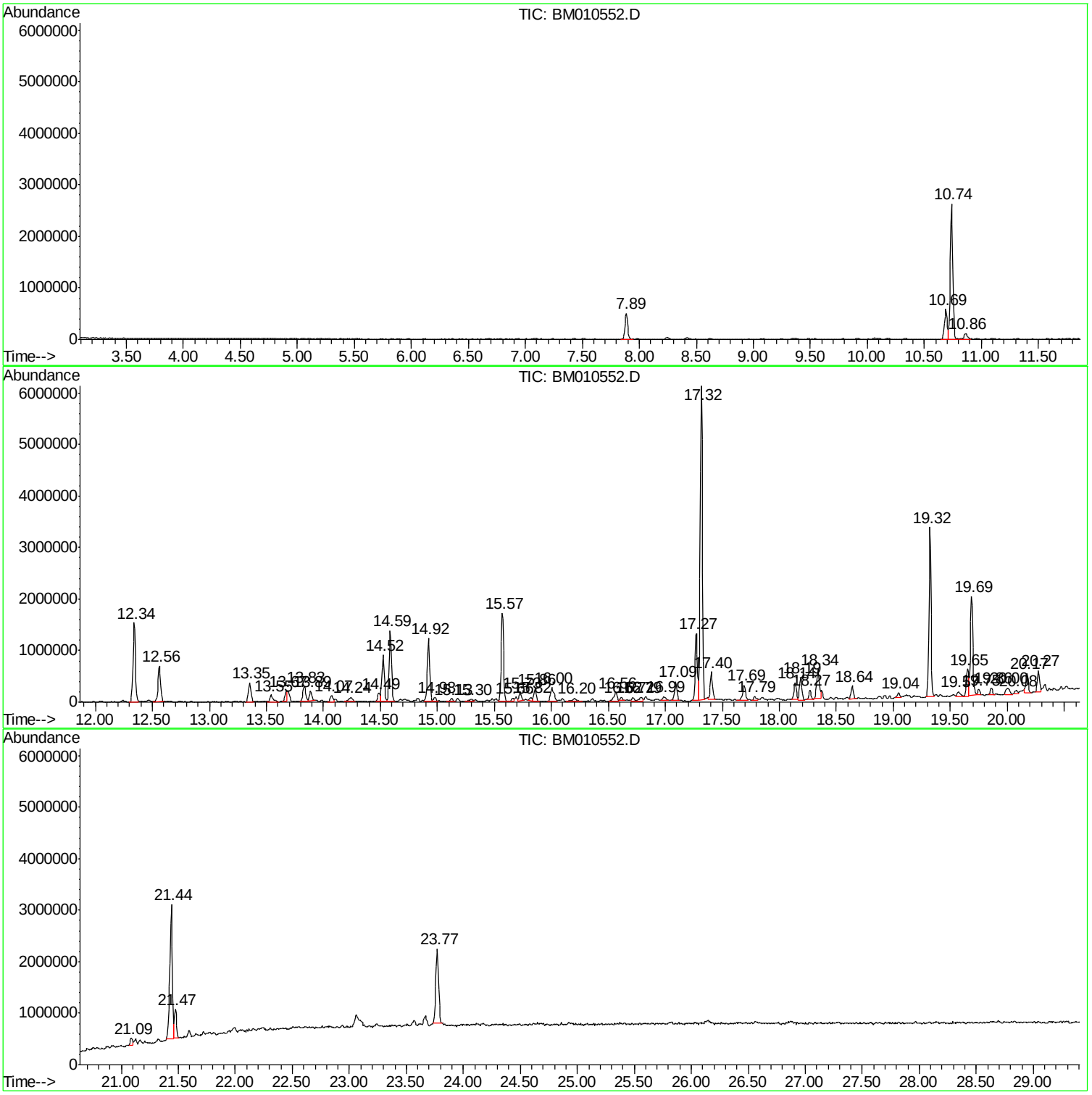
Instrument : BNA_M
ClientSampleId : F5C58DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010552.D
Acq On : 13 Jun 2017 01:21
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Quant Title : SVOA CALIBRATION

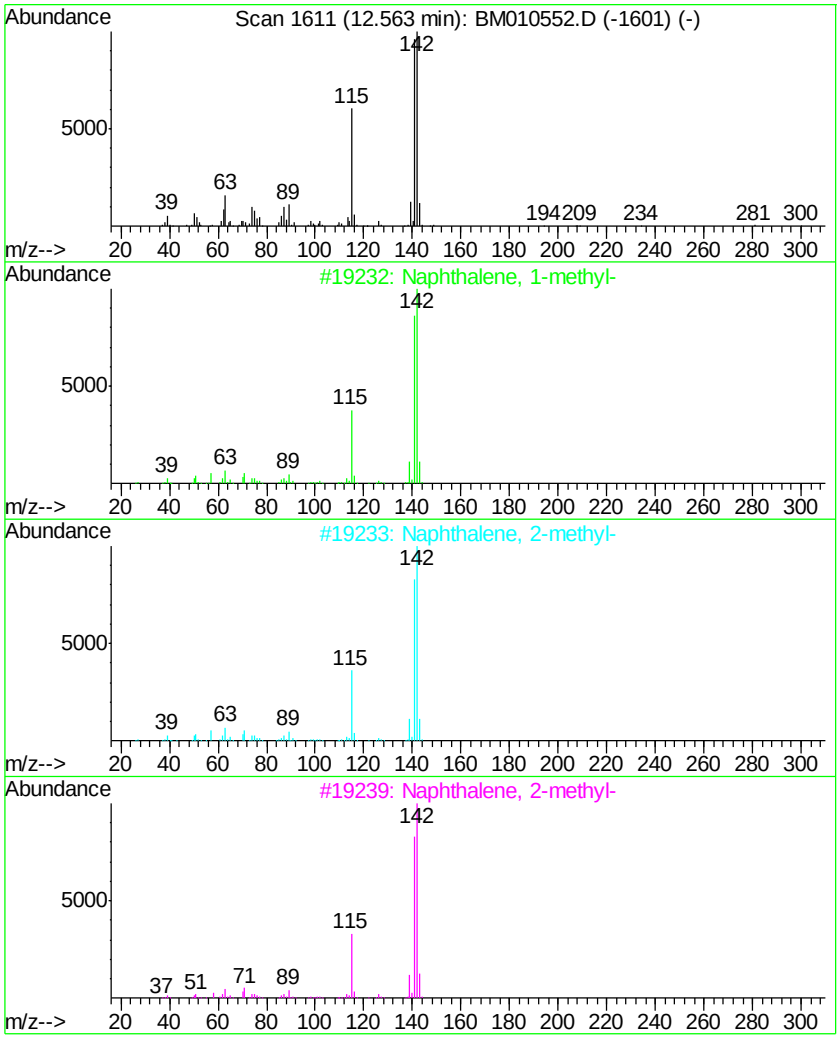
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

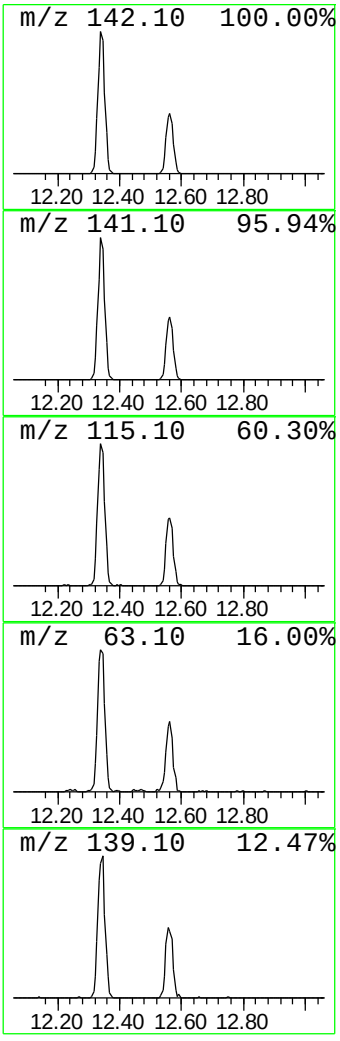
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	22.59 ng/ul	1123080	Naphthalene-d8	10.69

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	95
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010552.D
Acq On : 13 Jun 2017 01:21
Operator : SJ/MA
Sample : I3521-10DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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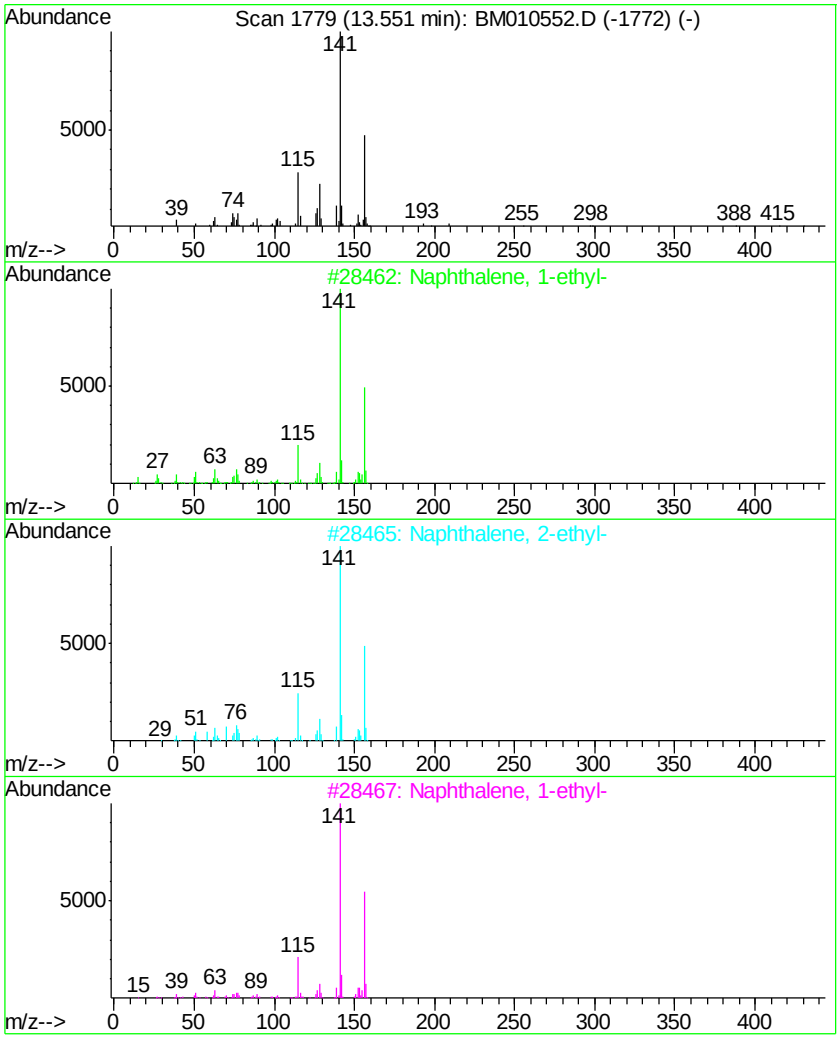
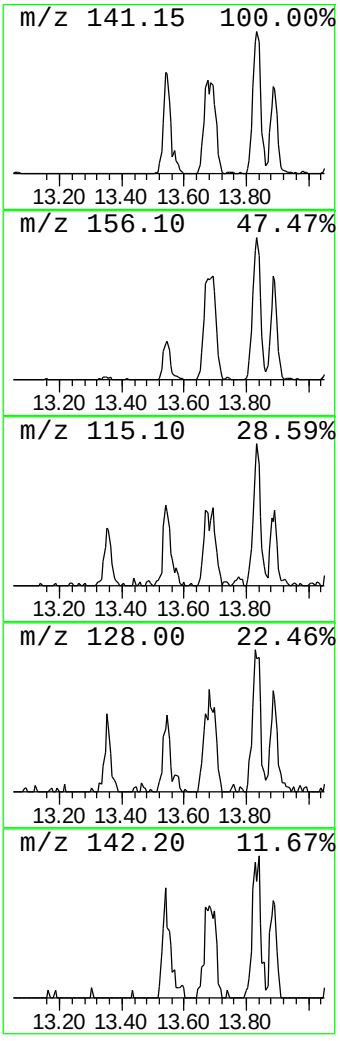
Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	3.48 ng/ul	238177	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	76
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	74
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	74
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	70
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	58





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010552.D
Acq On : 13 Jun 2017 01:21
Operator : SJ/MA
Sample : I3521-10DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

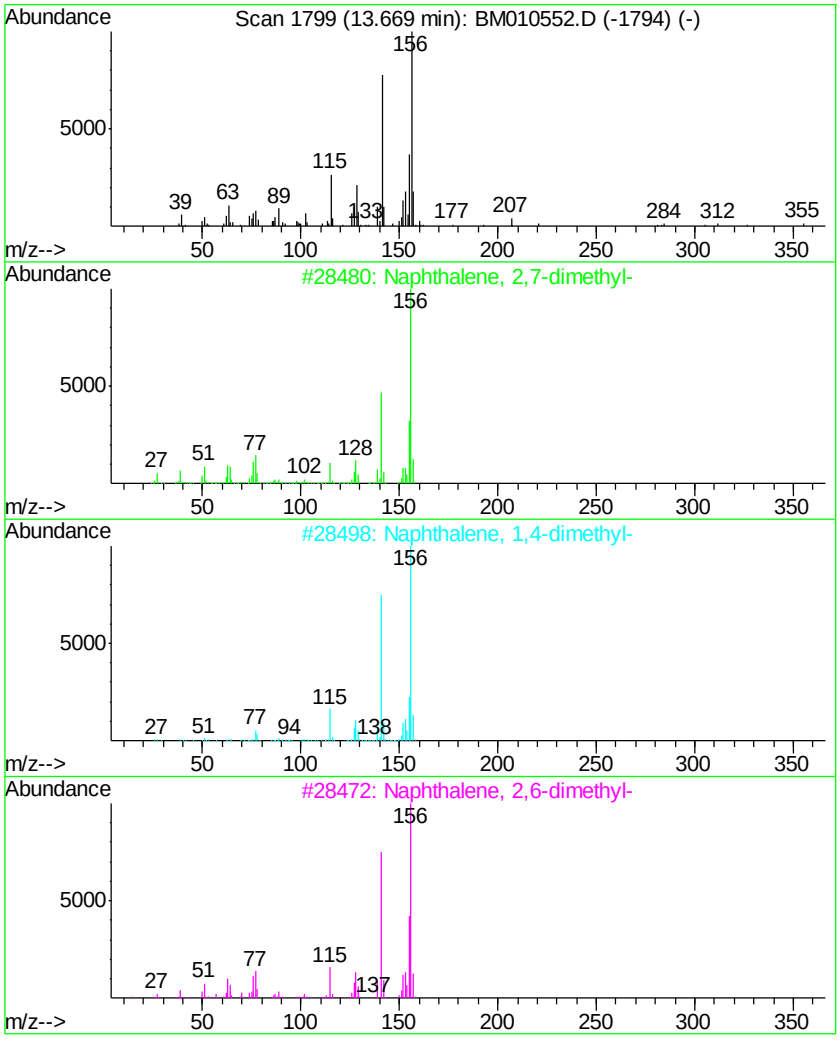
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

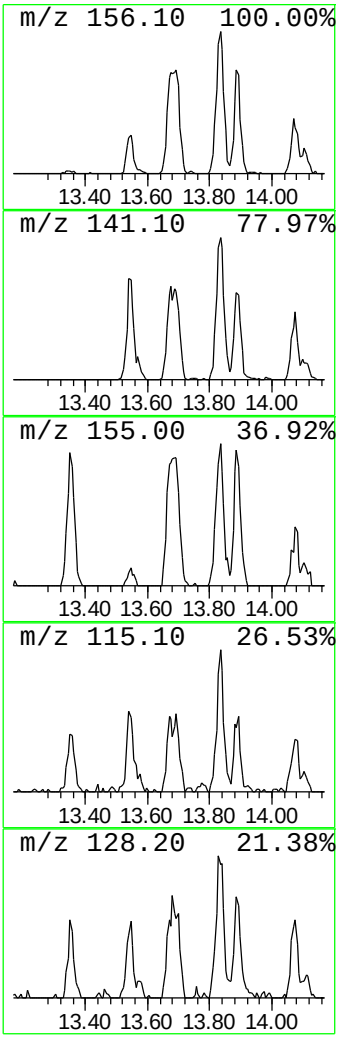
****

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	4.09 ng/ul	279624	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010552.D
Acq On : 13 Jun 2017 01:21
Operator : SJ/MA
Sample : I3521-10DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

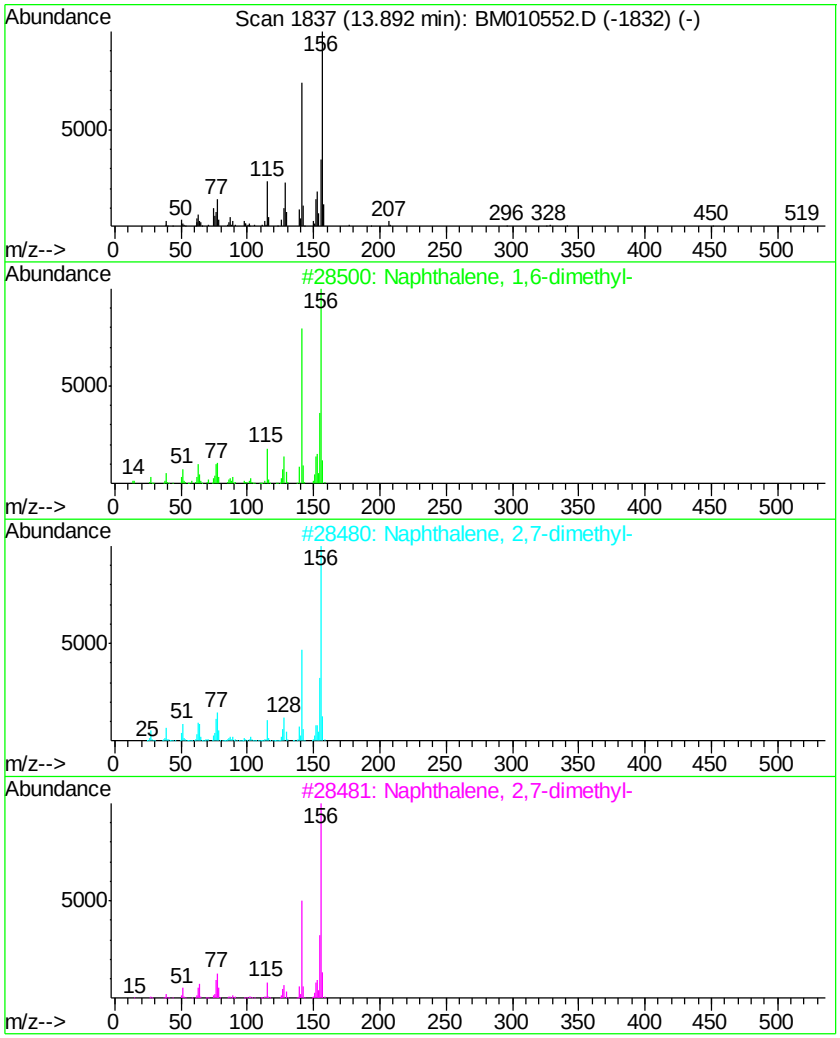
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

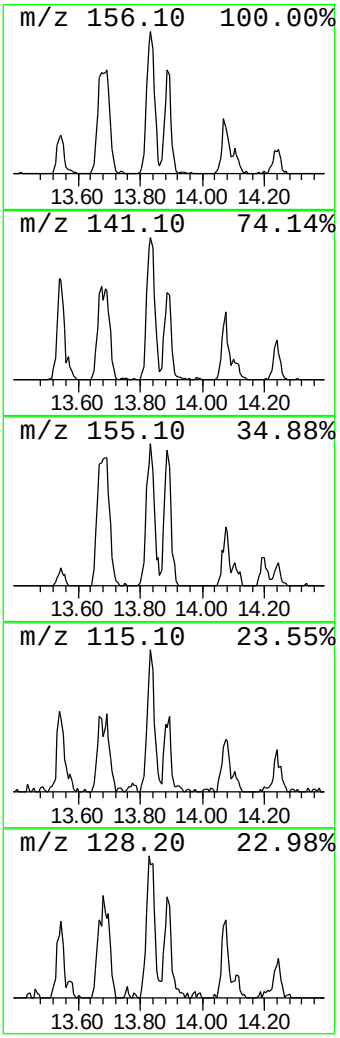
****

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	3.95 ng/ul	269897	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010552.D
Acq On : 13 Jun 2017 01:21
Operator : SJ/MA
Sample : I3521-10DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

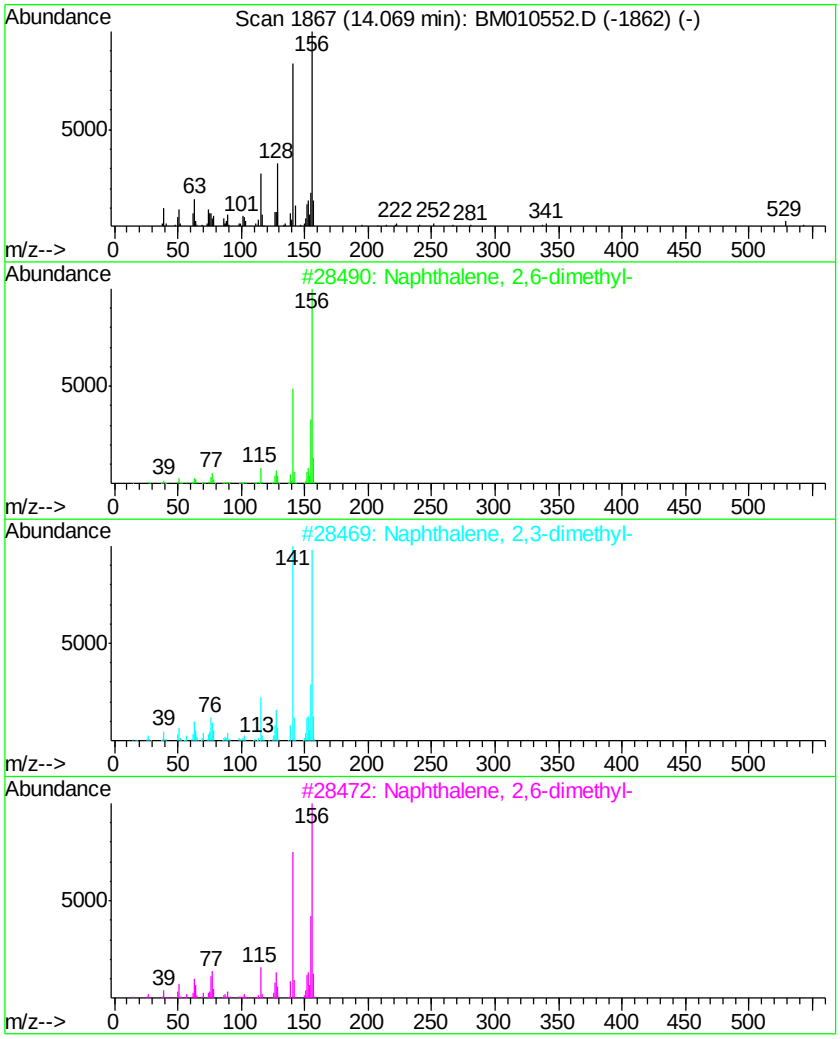
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

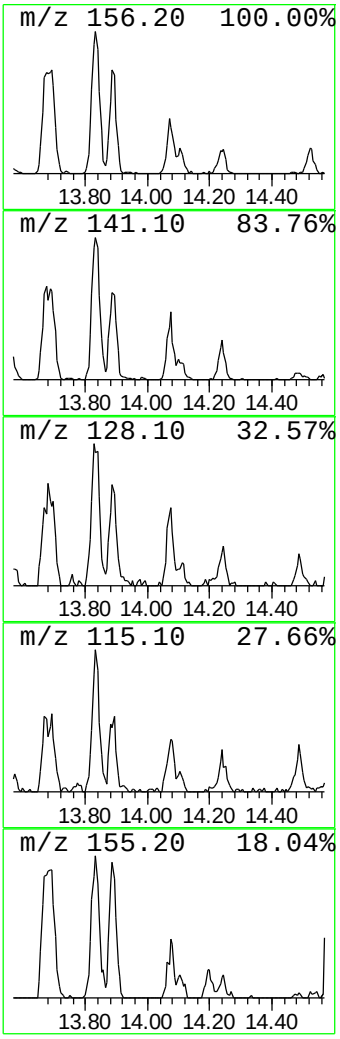
****

Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.87 ng/ul	196304	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
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Acq On : 13 Jun 2017 01:21
Operator : SJ/MA
Sample : I3521-10DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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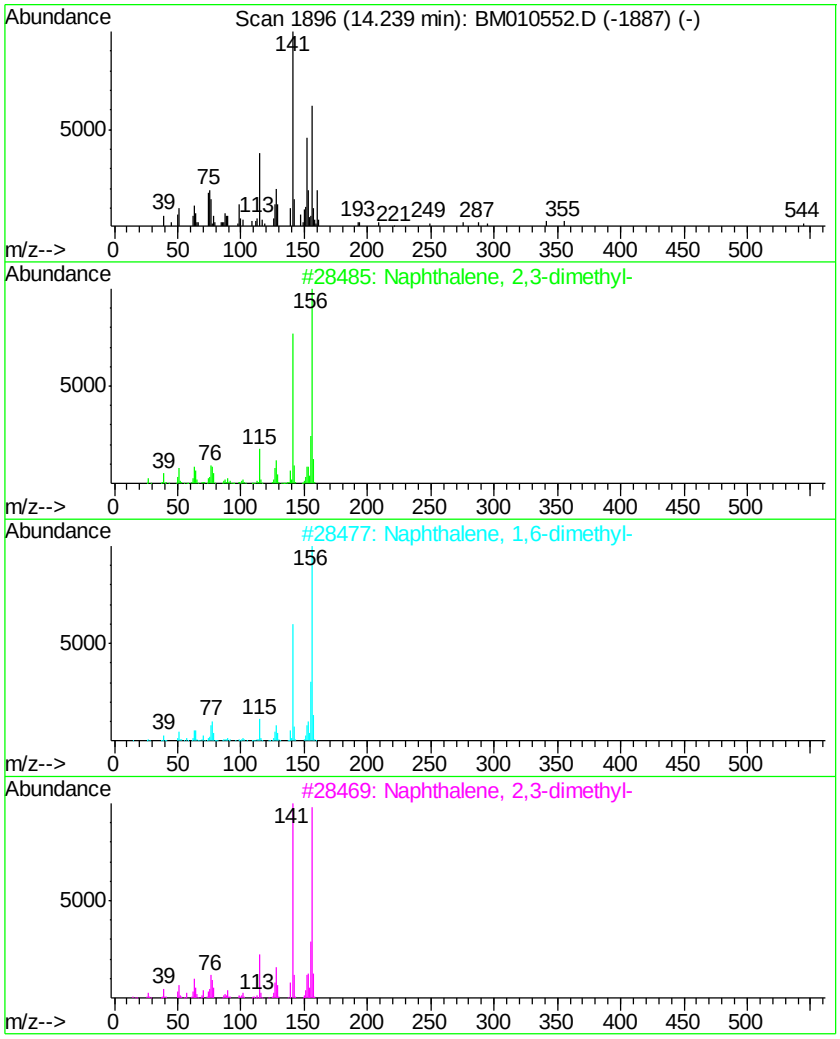
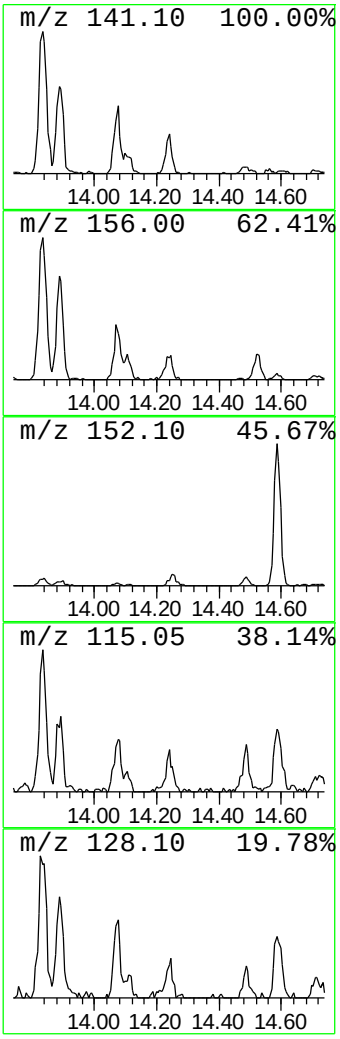
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	2.74 ng/ul	187180	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	89
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	89
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	89
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	89
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	86





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010552.D
Acq On : 13 Jun 2017 01:21
Operator : SJ/MA
Sample : I3521-10DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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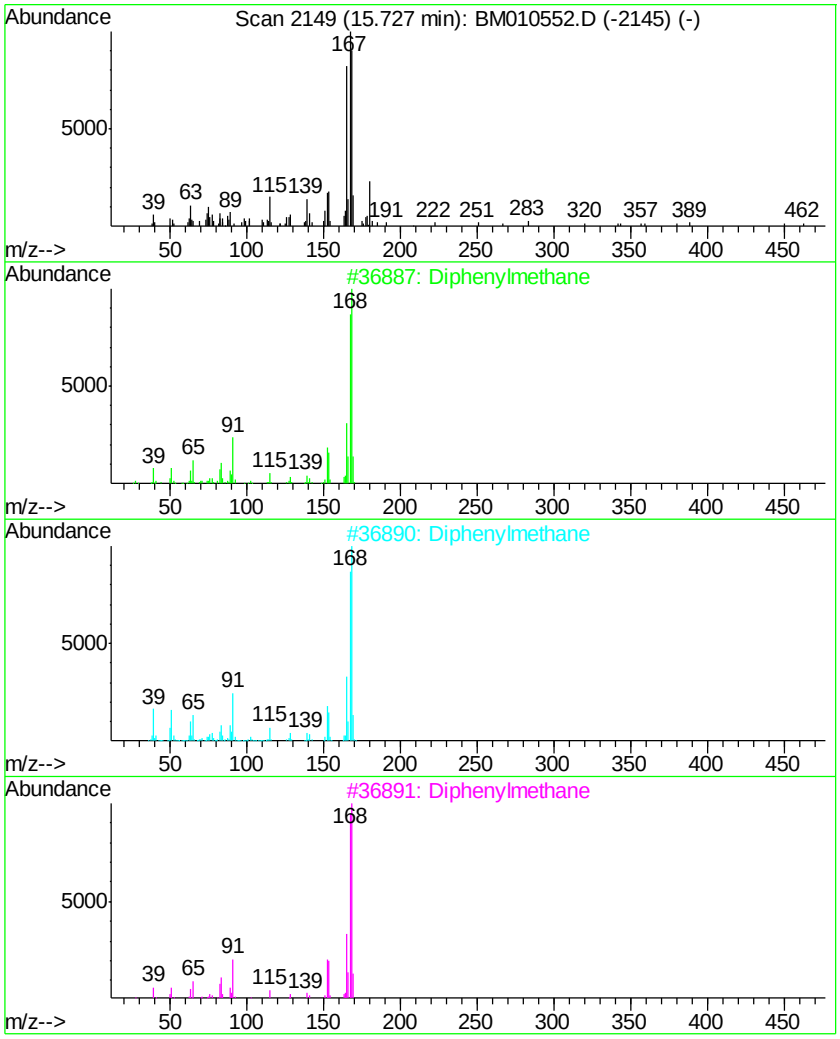
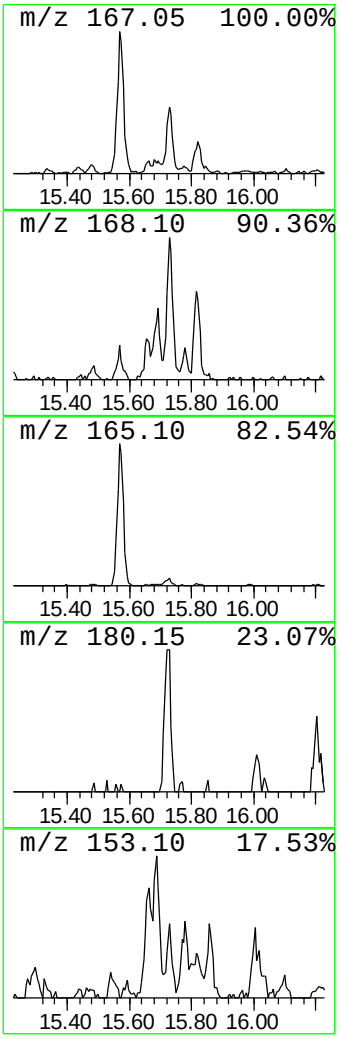
Peak Number 8 Diphenylmethane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	3.48 ng/ul	238112	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	60
2	Diphenylmethane	168	C13H12	000101-81-5	60
3	Diphenylmethane	168	C13H12	000101-81-5	53
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	50
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010552.D
Acq On : 13 Jun 2017 01:21
Operator : SJ/MA
Sample : I3521-10DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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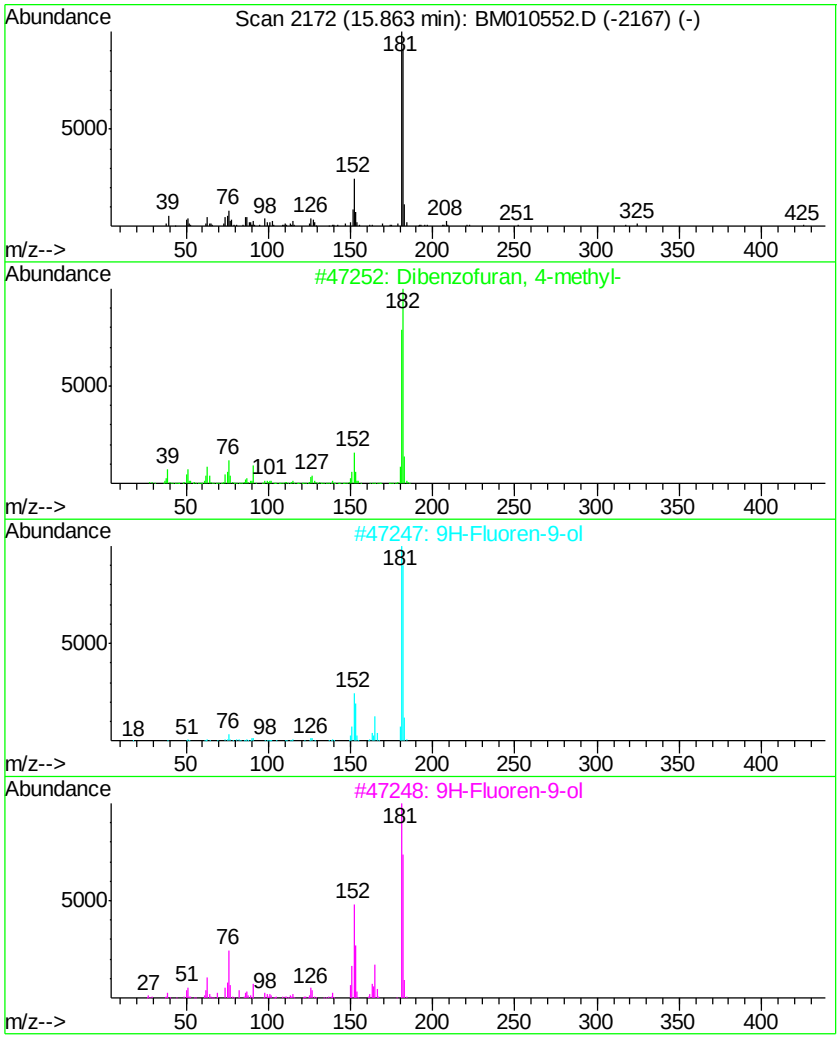
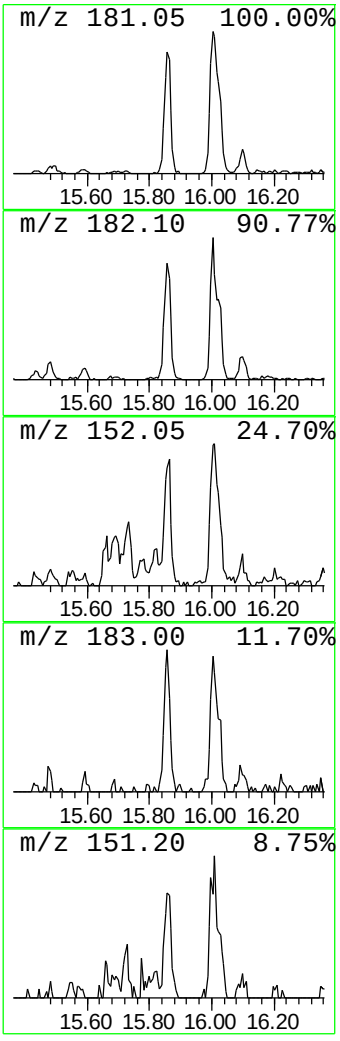
Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	5.16 ng/ul	352738	Acenaphthene-d10	14.52

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	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	72
5	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	72





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Data File : BM010552.D
Acq On : 13 Jun 2017 01:21
Operator : SJ/MA
Sample : I3521-10DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

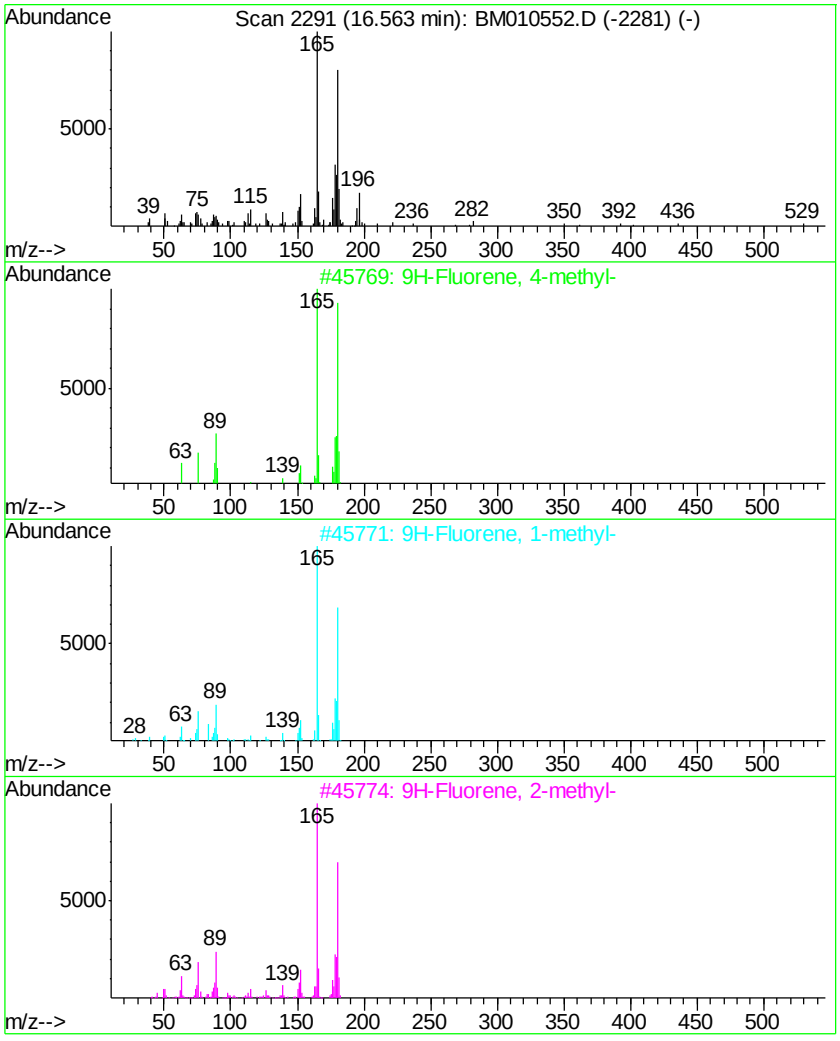
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

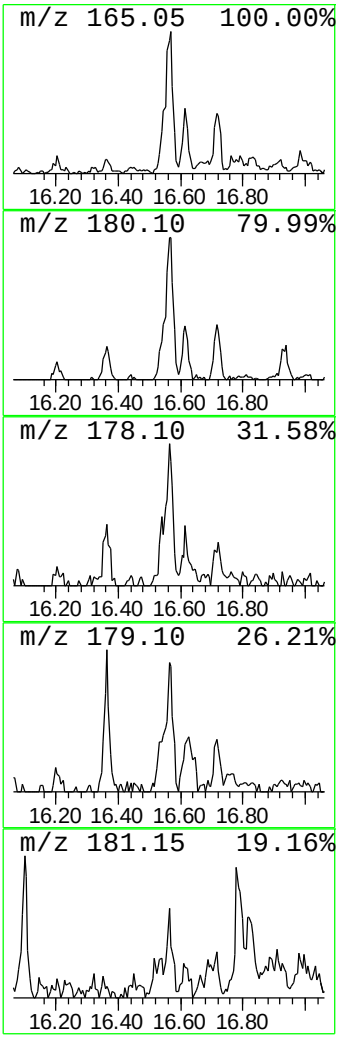
****

Peak Number 11 9H-Fluorene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	3.64 ng/ul	356694	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	90
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	81
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76





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Acq On : 13 Jun 2017 01:21
Operator : SJ/MA
Sample : I3521-10DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

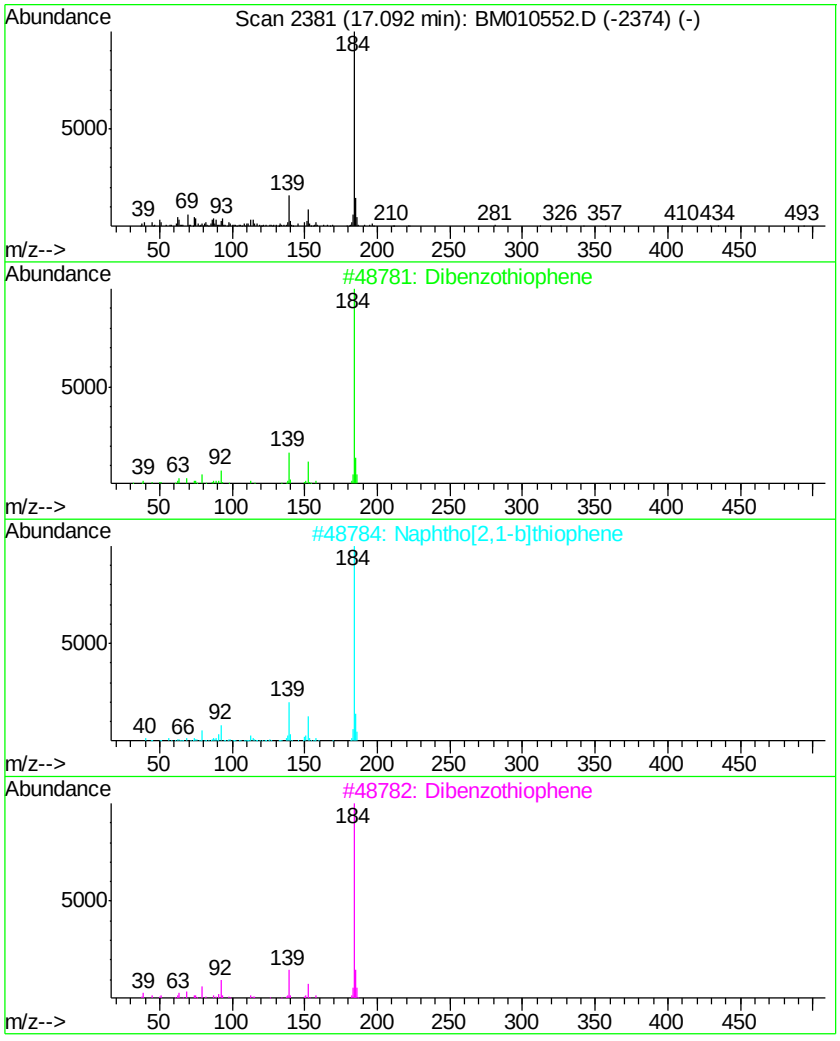
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

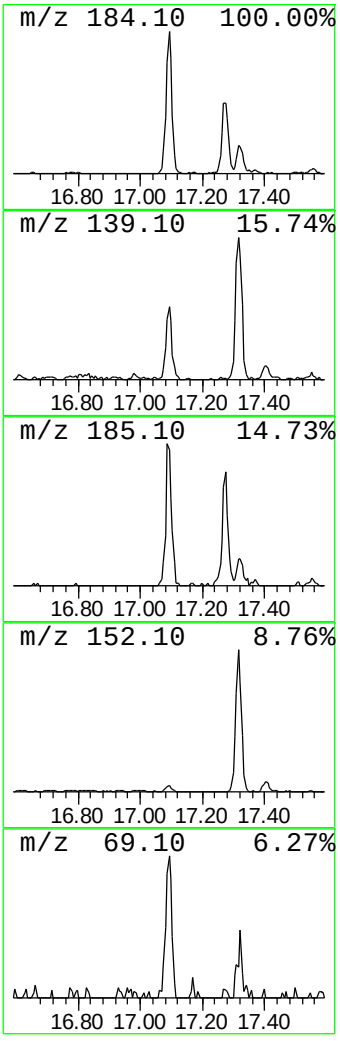
****

Peak Number 12 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	5.33 ng/ul	522724	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3	Dibenzothiophene	184	C12H8S	000132-65-0	91
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Dibenzothiophene	184	C12H8S	000132-65-0	87





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Acq On : 13 Jun 2017 01:21
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Sample : I3521-10DL 30X
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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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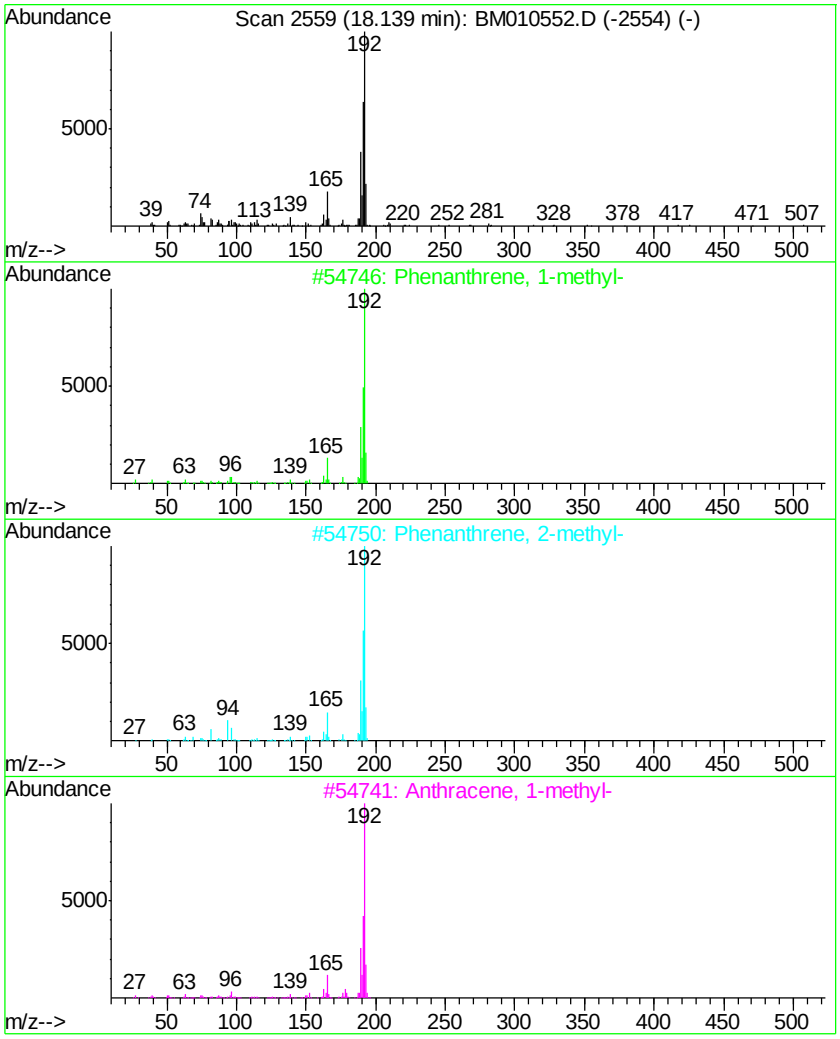
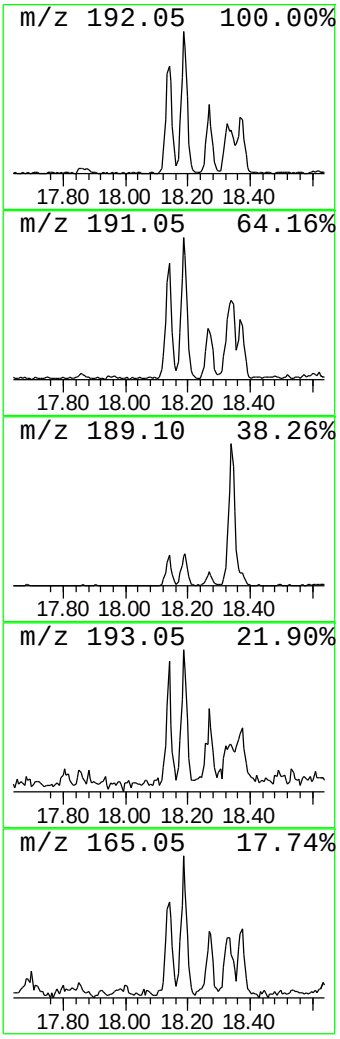
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	4.66 ng/ul	456659	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	76
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76





Library Search Compound Report

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Data File : BM010552.D
Acq On : 13 Jun 2017 01:21
Operator : SJ/MA
Sample : I3521-10DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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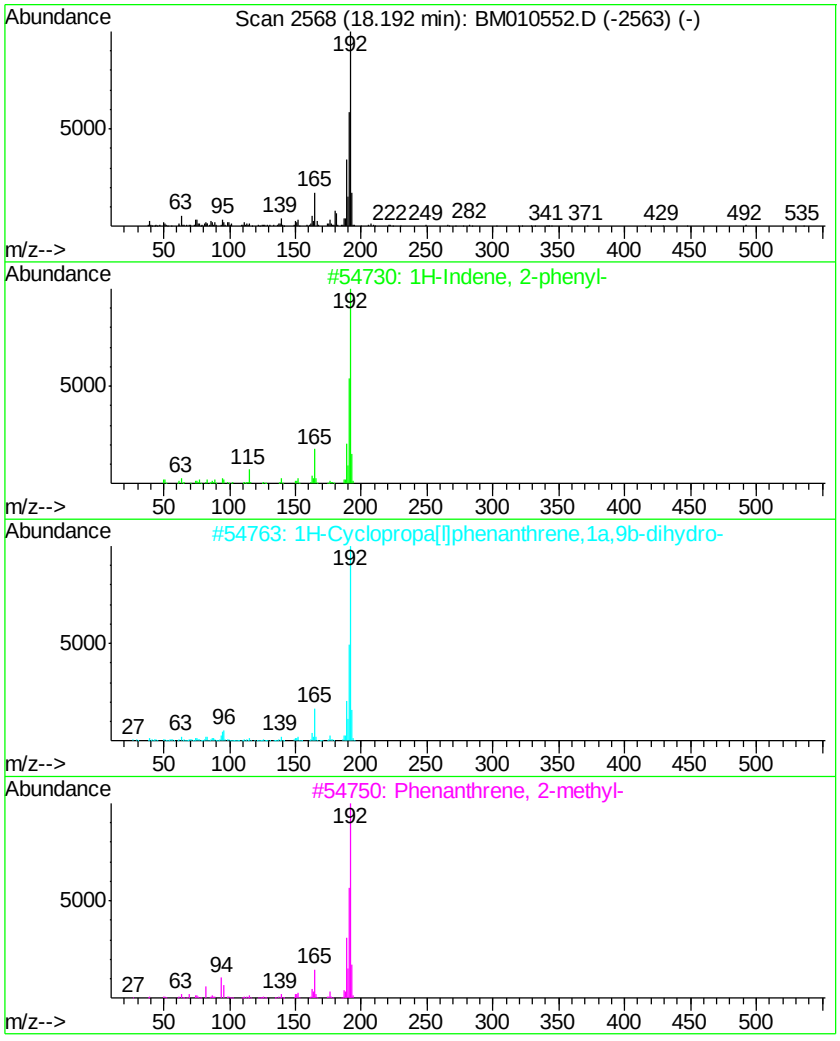
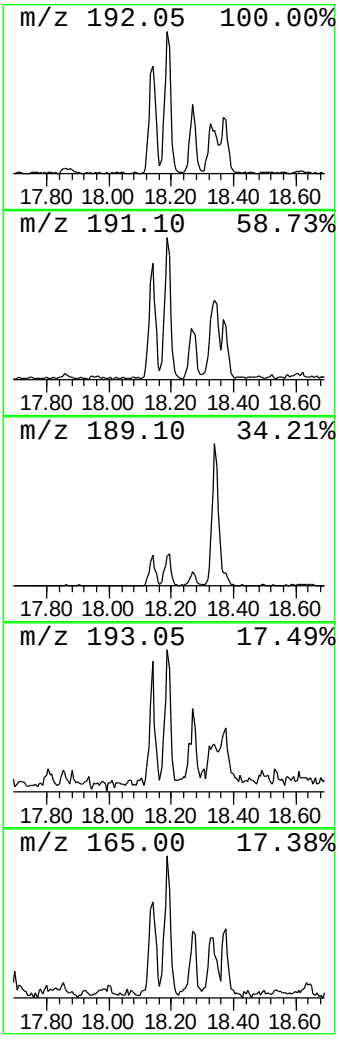
Peak Number 14 1H-Indene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	6.35 ng/ul	621954	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Acq On : 13 Jun 2017 01:21
Operator : SJ/MA
Sample : I3521-10DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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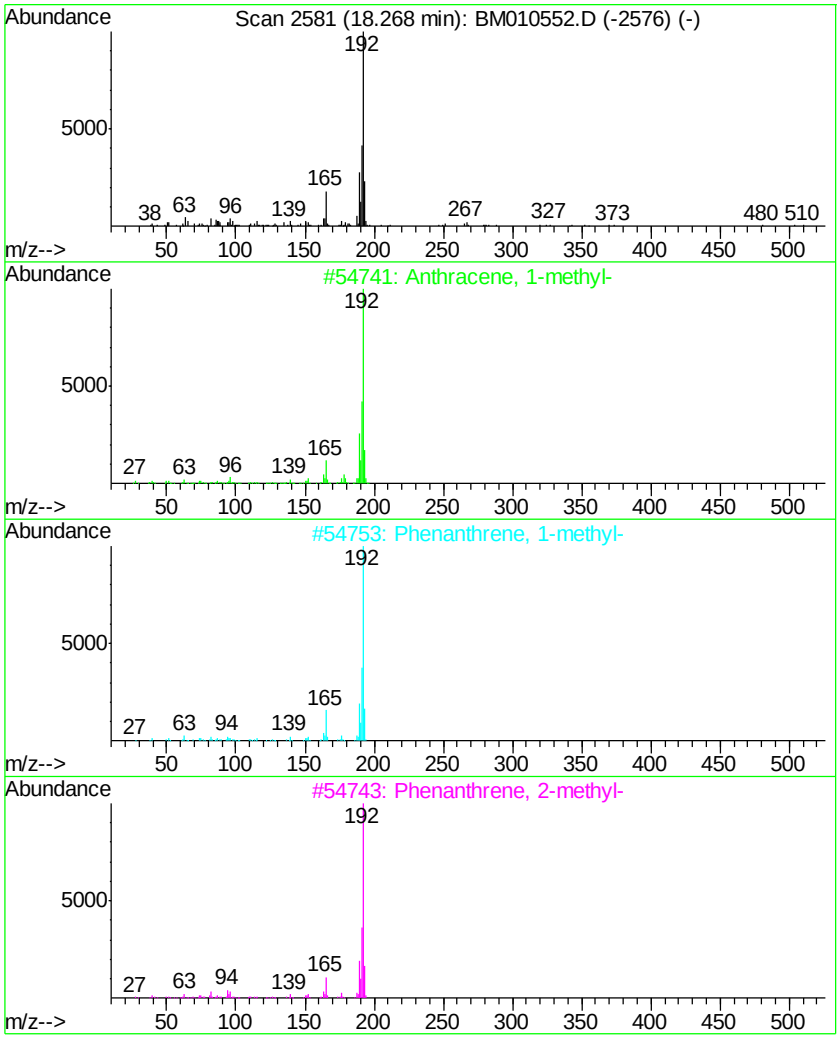
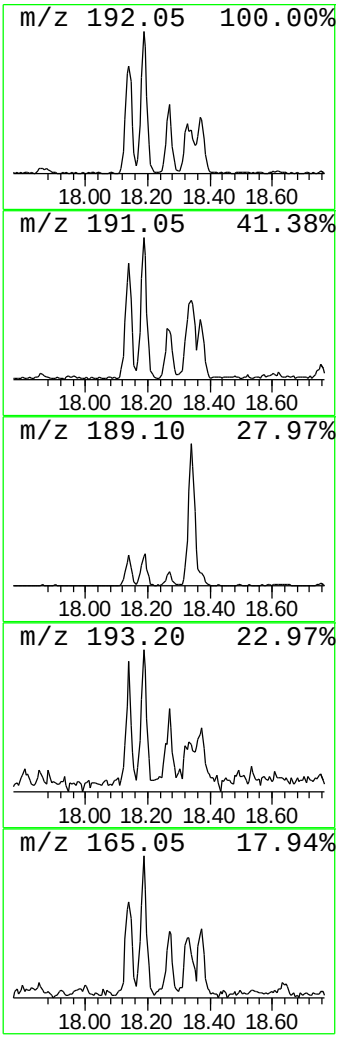
Peak Number 15 Anthracene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	2.64 ng/ul	258502	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76





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Acq On : 13 Jun 2017 01:21
Operator : SJ/MA
Sample : I3521-10DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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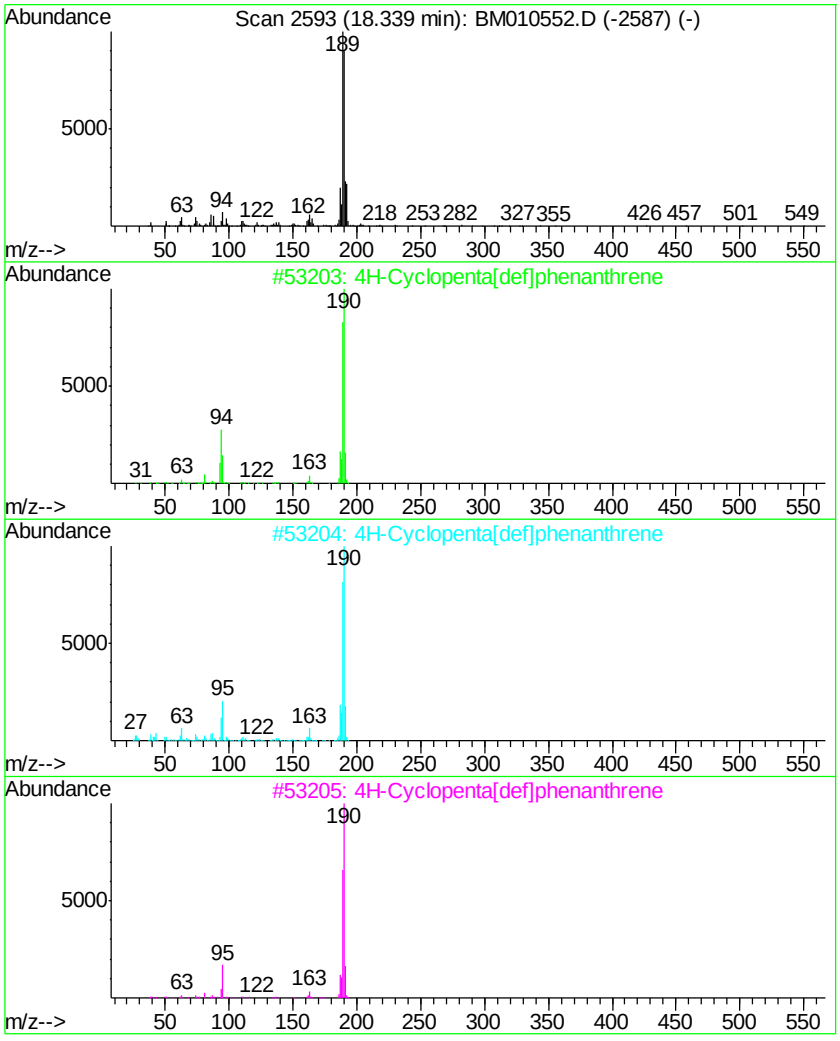
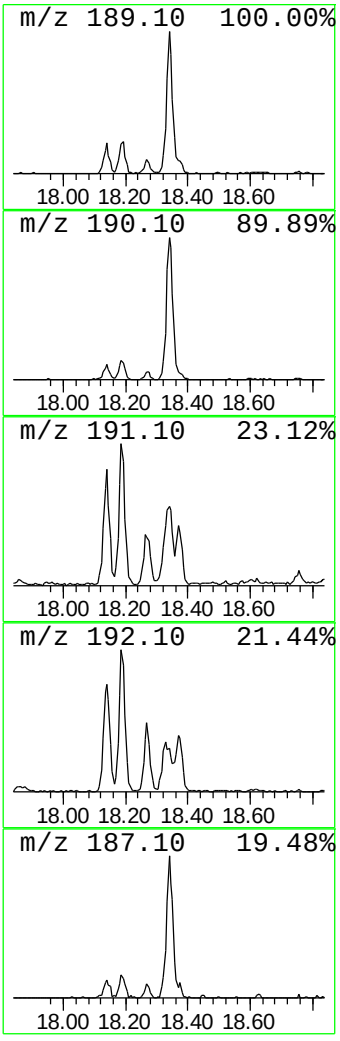
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	9.49 ng/ul	930372	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	36





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Acq On : 13 Jun 2017 01:21
Operator : SJ/MA
Sample : I3521-10DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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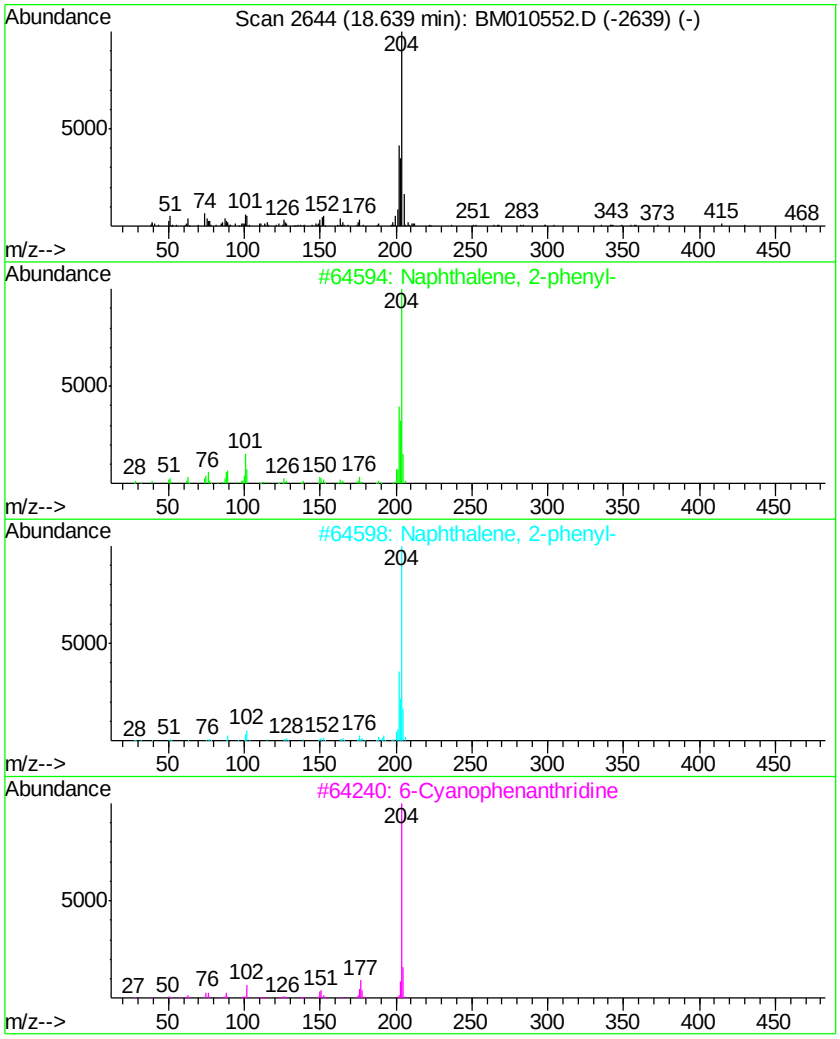
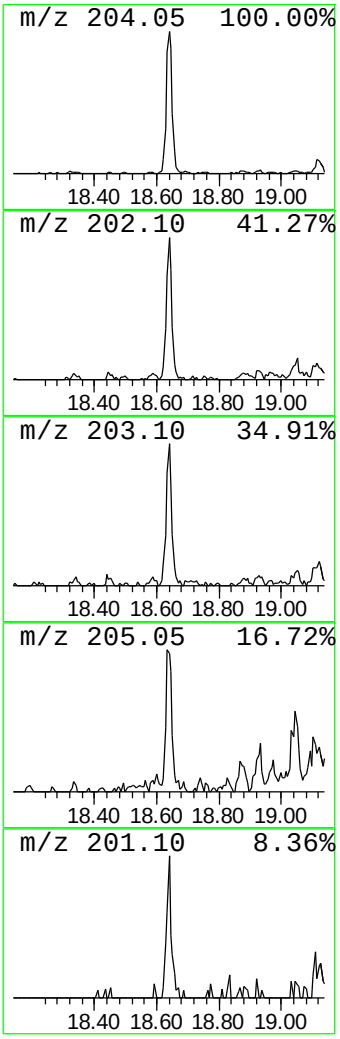
Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	3.56 ng/ul	348463	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
3	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	55
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	52
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49





Library Search Compound Report

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Data File : BM010552.D
Acq On : 13 Jun 2017 01:21
Operator : SJ/MA
Sample : I3521-10DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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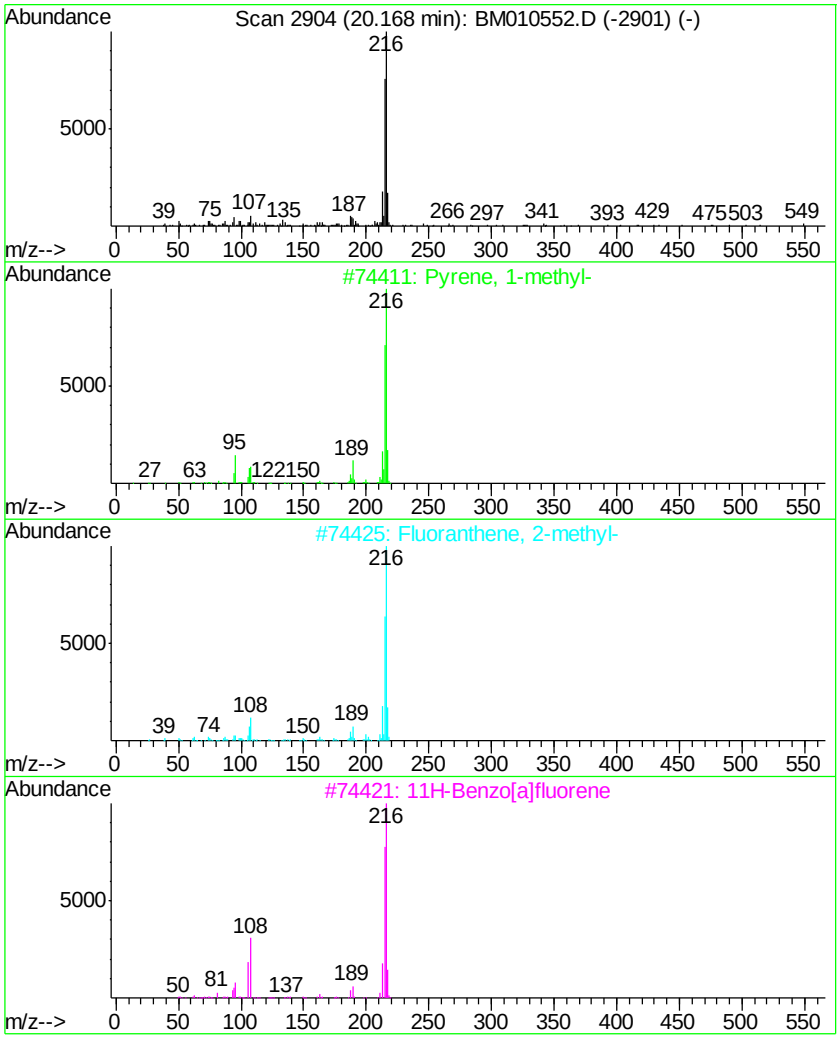
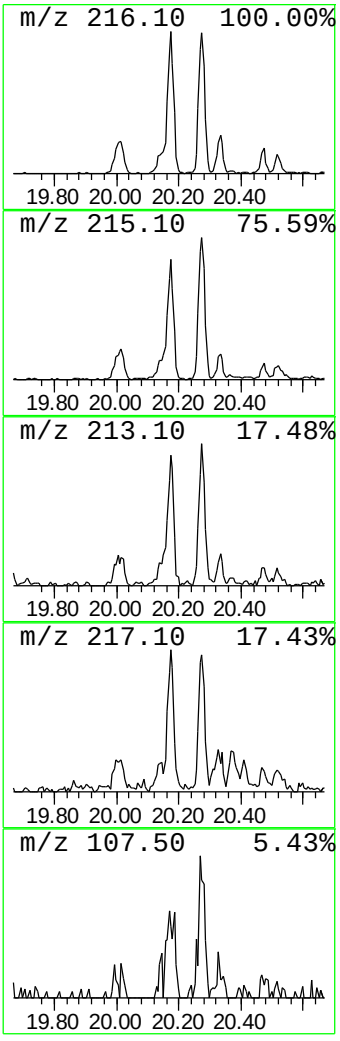
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	2.66 ng/ul	530901	Chrysene-d12	21.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Acq On : 13 Jun 2017 01:21
Operator : SJ/MA
Sample : I3521-10DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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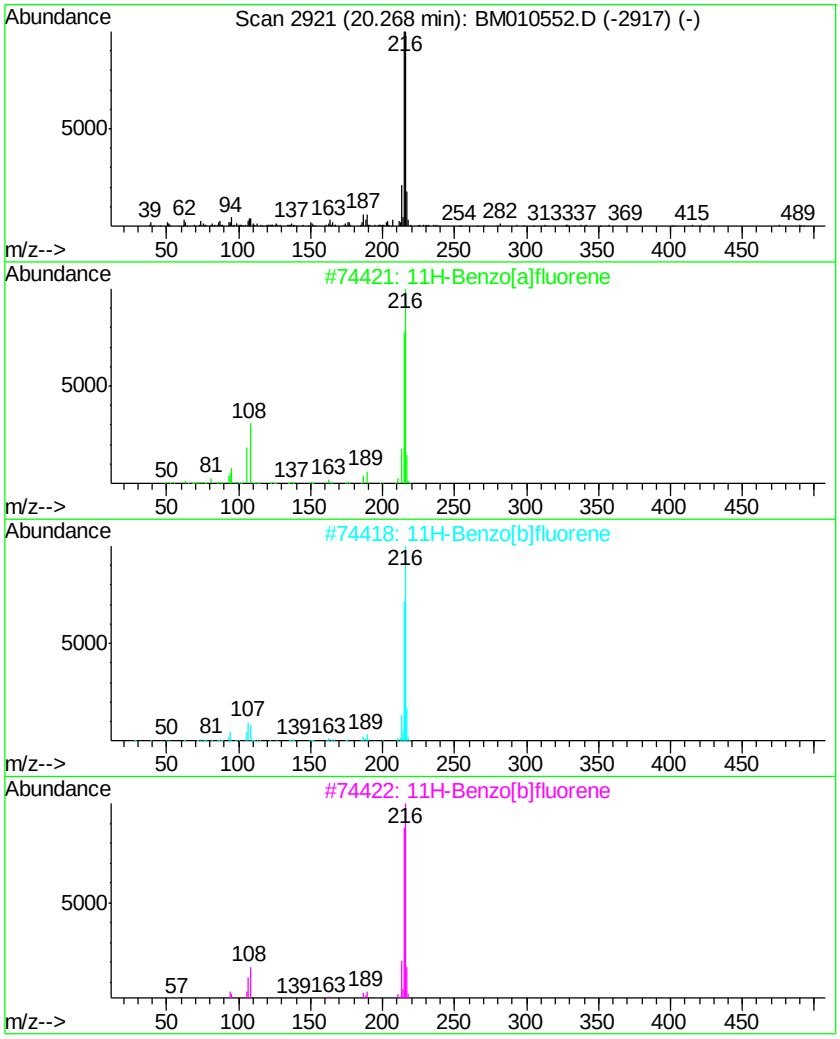
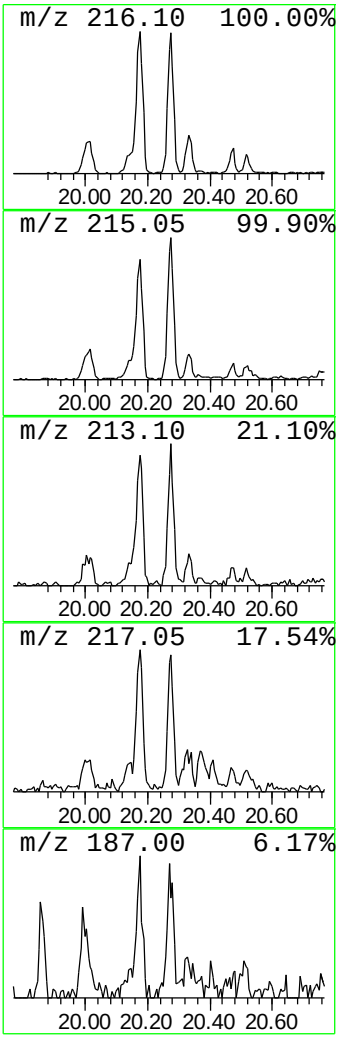
Peak Number 19 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	2.85 ng/ul	570261	Chrysene-d12	21.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	.beta.-Carboline, 1,2,3,4-tetrah...	260	C14H16N2O3	029573-11-3	72
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Tentatively Identified Compound (LSC) summary

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Data File : BM010552.D
Acq On : 13 Jun 2017 01:21
Operator : SJ/MA
Sample : I3521-10DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA 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
Naphthalene, 1-me...	12.56	22.6	ng/ul	1123080	2	10.69	994178	20.0
Naphthalene, 1-et...	13.55	3.5	ng/ul	238177	3	14.52	1368080	20.0
Naphthalene, 2,7-...	13.67	4.1	ng/ul	279624	3	14.52	1368080	20.0
Naphthalene, 1,6-...	13.89	4.0	ng/ul	269897	3	14.52	1368080	20.0
Naphthalene, 2,6-...	14.07	2.9	ng/ul	196304	3	14.52	1368080	20.0
Naphthalene, 2,3-...	14.24	2.7	ng/ul	187180	3	14.52	1368080	20.0
Diphenylmethane	15.73	3.5	ng/ul	238112	3	14.52	1368080	20.0
Dibenzofuran, 4-m...	15.86	5.2	ng/ul	352738	3	14.52	1368080	20.0
9H-Fluorene, 4-me...	16.56	3.6	ng/ul	356694	4	17.27	1960240	20.0
Dibenzothiophene	17.09	5.3	ng/ul	522724	4	17.27	1960240	20.0
Phenanthrene, 1-m...	18.14	4.7	ng/ul	456659	4	17.27	1960240	20.0
1H-Indene, 2-phenyl-	18.19	6.3	ng/ul	621954	4	17.27	1960240	20.0
Anthracene, 1-met...	18.27	2.6	ng/ul	258502	4	17.27	1960240	20.0
4H-Cyclopenta[def...	18.34	9.5	ng/ul	930372	4	17.27	1960240	20.0
Naphthalene, 2-ph...	18.64	3.6	ng/ul	348463	4	17.27	1960240	20.0
Pyrene, 1-methyl-	20.17	2.7	ng/ul	530901	5	21.44	3998100	20.0
11H-Benzo[a]fluorene	20.27	2.9	ng/ul	570261	5	21.44	3998100	20.0