LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008419.D
Acq On : 17 Dec 2016 19:36
Operator : UM/SJ
Sample : H6067-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7F6

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\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.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	2.946	57	61	71	rVV	96163	127363	1.08%	0.128%
2	3.728	190	194	200	rBV	99320	128646	1.09%	0.129%
3	6.857	718	726	746	rBV2	166175	442325	3.76%	0.445%
4	7.010	746	752	765	rBV	183455	324341	2.76%	0.326%
5	7.199	779	784	800	rBV	233839	429063	3.65%	0.432%
6	7.657	857	862	875	rBV	420396	747409	6.35%	0.752%
7	8.387	980	986	1001	rBV	183074	400697	3.40%	0.403%
8	8.828	1054	1061	1075	rBV	207471	423242	3.60%	0.426%
9	9.546	1177	1183	1199	rBV2	157136	350310	2.98%	0.352%
10	10.098	1270	1277	1293	rBV	172691	476933	4.05%	0.480%
11	10.434	1327	1334	1341	rBV	561700	985474	8.37%	0.991%
12	10.628	1359	1367	1380	rBV3	58267	169931	1.44%	0.171%
13	13.722	1882	1893	1897	rBV	524462	923218	7.84%	0.929%
14	13.769	1897	1901	1907	rVB	206602	312796	2.66%	0.315%
15	13.992	1932	1939	1942	rBV	633961	1021126	8.67%	1.027%
16	14.022	1942	1944	1955	rVV	452771	700515	5.95%	0.705%
17	14.298	1986	1991	1999	rVB	846155	1247488	10.60%	1.255%
18	15.298	2155	2161	2168	rBV	781735	1196571	10.17%	1.204%
19	15.469	2185	2190	2197	rBV2	119172	241501	2.05%	0.243%
20	15.557	2199	2205	2218	rVB3	50681	161080	1.37%	0.162%
21	15.775	2237	2242	2254	rBV4	47436	131333	1.12%	0.132%
22	16.010	2278	2282	2283	rBV	113892	136852	1.16%	0.138%
23	16.804	2412	2417	2421	rBV2	98510	137873	1.17%	0.139%
24	17.057	2454	2460	2464	rBV	1016336	1524483	12.95%	1.534%
25	17.098	2464	2467	2471	rVB	194913	258400	2.20%	0.260%
26	17.157	2471	2477	2479	rBV2	842671	1220208	10.37%	1.228%
27	17.192	2479	2483	2488	rVB	858559	1266581	10.76%	1.274%
28	17.486	2525	2533	2538	rBV3	71434	206805	1.76%	0.208%
29	17.539	2538	2542	2546	rVB	132686	171332	1.46%	0.172%
30	17.945	2606	2611	2614	rBV4	100383	175669	1.49%	0.177%
31	17.980	2614	2617	2621	rVB2	98282	141563	1.20%	0.142%
32	18.063	2627	2631	2638	rVB	269485	377996	3.21%	0.380%
33	18.127	2638	2642	2654	rVB3	122993	312263	2.65%	0.314%
34	18.233	2656	2660	2667	rBV2	149106	229397	1.95%	0.231%

LSC Area Percent Report

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Acq On : 17 Dec 2016 19:36
Operator : UM/SJ
Sample : H6067-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7F6

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\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Title : SVOA CALIBRATION

35	18.851	2760	2765	2772	rBV2	276769	659907	5.61%	0.664%
36	19.121	2806	2811	2818	rBV	1452022	1971260	16.75%	1.983%
37	19.274	2833	2837	2842	rVB	223938	305720	2.60%	0.308%
38	19.457	2863	2868	2870	rVV	1650053	2238833	19.02%	2.252%
39	19.486	2870	2873	2881	rVV	1551324	2208057	18.76%	2.221%
40	19.563	2882	2886	2891	rVB	253370	409685	3.48%	0.412%
41	19.810	2923	2928	2937	rBV4	407560	1046007	8.89%	1.052%
42	19.986	2947	2958	2964	rVB3	942620	2140180	18.18%	2.153%
43	20.086	2971	2975	2978	rBV	602577	770169	6.54%	0.775%
44	20.139	2979	2984	2989	rVB2	480049	881086	7.49%	0.886%
45	20.286	3004	3009	3012	rBV	536878	790042	6.71%	0.795%
46	20.327	3013	3016	3020	rVB2	305894	428927	3.64%	0.432%
47	20.486	3040	3043	3048	rVB3	222980	288498	2.45%	0.290%
48	20.698	3075	3079	3082	rBV3	237400	375058	3.19%	0.377%
49	20.739	3082	3086	3092	rVV2	568843	915084	7.77%	0.921%
50	20.898	3110	3113	3117	rBV	714856	853191	7.25%	0.858%
51	20.939	3117	3120	3124	rVV2	368049	687102	5.84%	0.691%
52	20.980	3124	3127	3131	rVV2	413690	592846	5.04%	0.596%
53	21.045	3135	3138	3141	rVB	375232	436271	3.71%	0.439%
54	21.239	3166	3171	3177	rBV2	3712073	8110446	68.90%	8.159%
55	21.292	3177	3180	3189	rVB	4488452	5819765	49.44%	5.855%
56	21.409	3197	3200	3203	rBV	349052	429619	3.65%	0.432%
57	21.562	3223	3226	3232	rVB	422430	619506	5.26%	0.623%
58	21.751	3255	3258	3260	rBV	223652	255268	2.17%	0.257%
59	21.804	3260	3267	3271	rVV	1235856	2166820	18.41%	2.180%
60	21.851	3272	3275	3279	rVB	556193	763870	6.49%	0.768%
61	21.998	3297	3300	3304	rBV2	554440	864443	7.34%	0.870%
62	22.398	3365	3368	3372	rBV	281593	376292	3.20%	0.379%
63	22.574	3393	3398	3402	rBV3	574889	1000292	8.50%	1.006%
64	22.827	3434	3441	3445	rBV	5203109	11771140	100.00%	11.842%
65	22.992	3464	3469	3474	rBV	935848	1481775	12.59%	1.491%
66	23.298	3514	3521	3526	rBV	3376837	6253422	53.13%	6.291%
67	23.345	3526	3529	3532	rVV2	931936	1478666	12.56%	1.488%
68	23.392	3532	3537	3544	rVB	3776253	6747473	57.32%	6.788%
69	23.486	3548	3553	3557	rVV	1063738	1973287	16.76%	1.985%
70	23.533	3557	3561	3568	rVB2	1348530	2627287	22.32%	2.643%
71	25.721	3923	3933	3943	rVB2	2343291	6511237	55.32%	6.550%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : DA7F6

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\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Title : SVOA CALIBRATION

72	26.409	4041	4050	4068	rVB	1611061	5052861	42.93%	5.083%

Sum of corrected areas: 99402176

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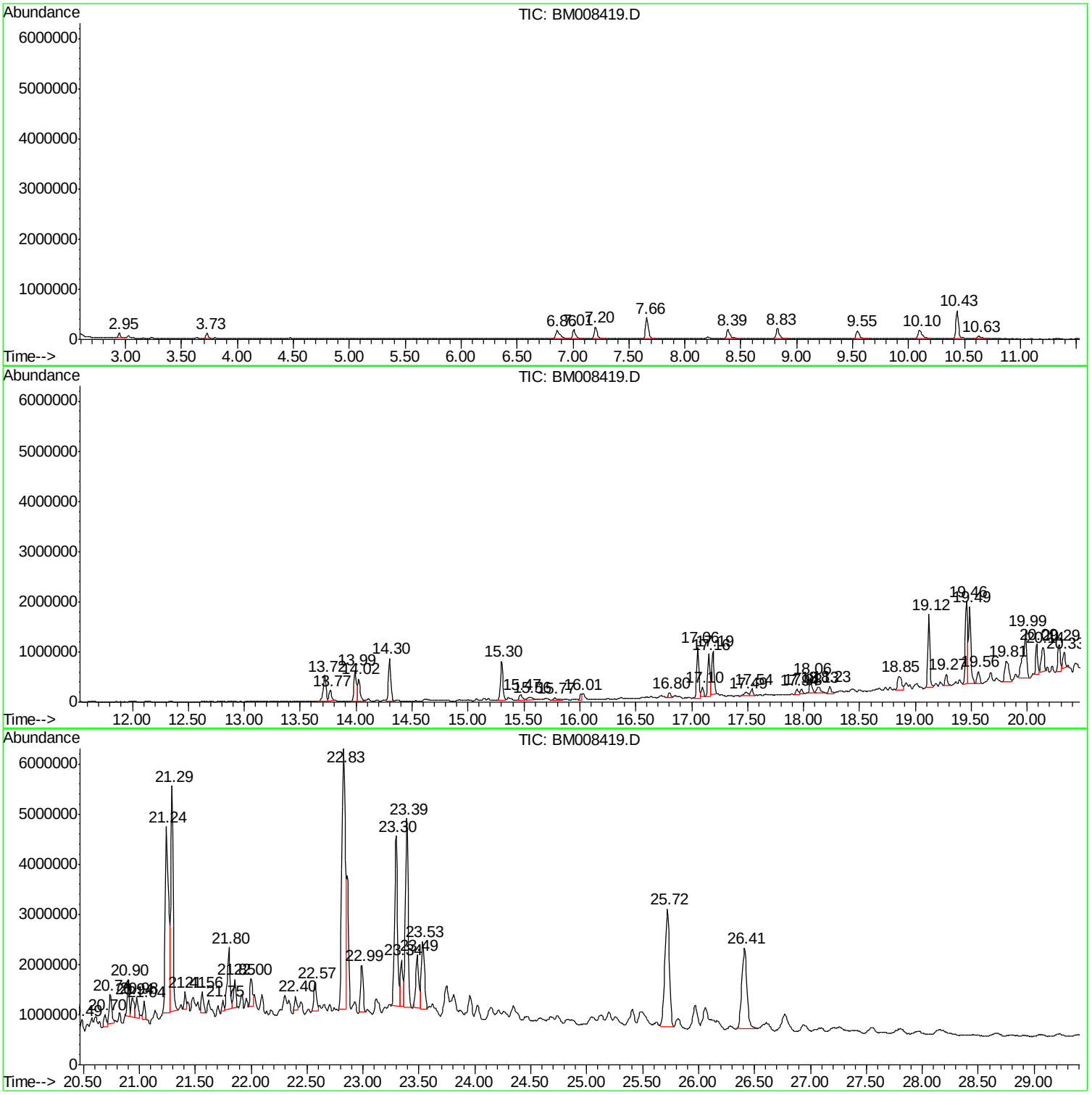
Instrument : BNA_M
ClientSampleId : DA7F6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
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Operator : UM/SJ
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Quant Title : SVOA CALIBRATION

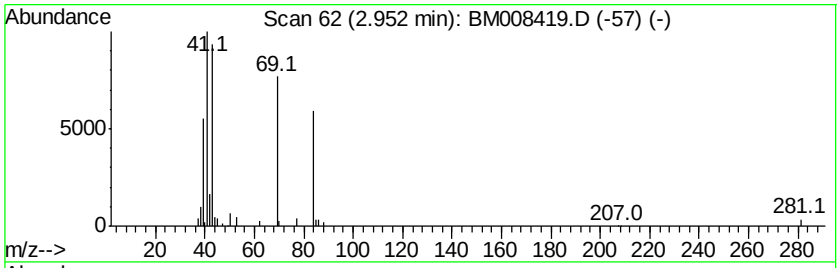
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

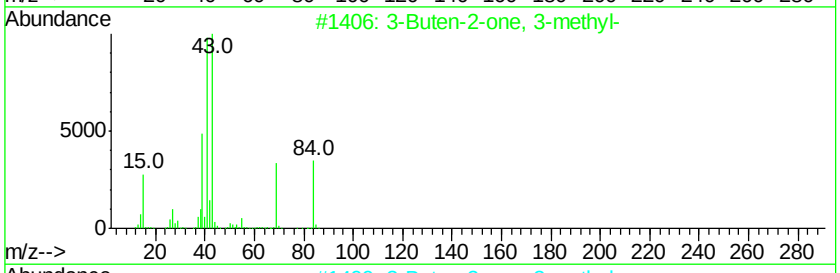
****

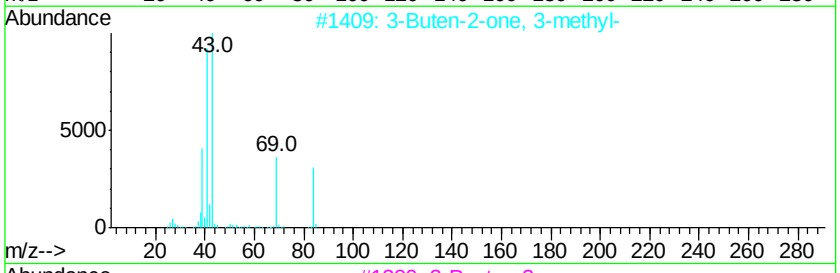
Peak Number 1 3-Buten-2-one, 3-methyl- Concentration Rank 10

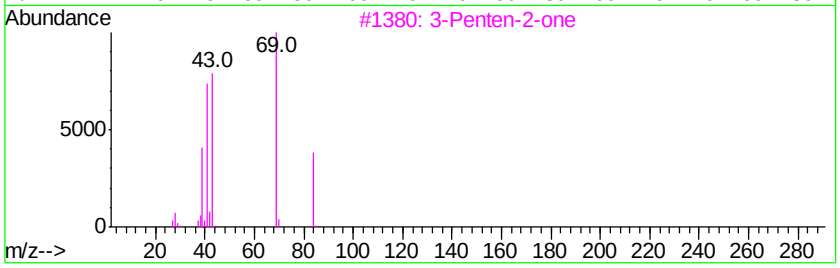
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	3.41 ng/ul	127363	1,4-Dichlorobenzene-d4	7.66

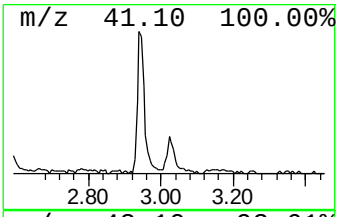
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	90
2	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	83
3	3-Penten-2-one	84	C5H8O	000625-33-2	78
4	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	58
5	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	53

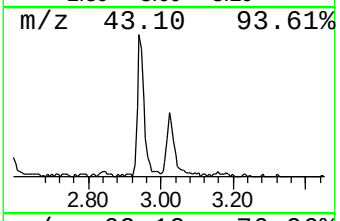


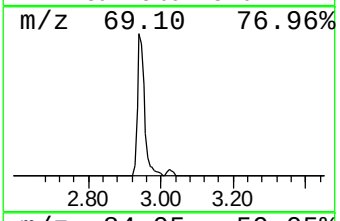


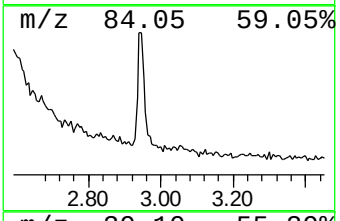


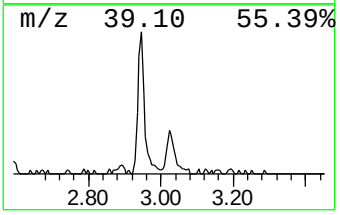












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Acq On : 17 Dec 2016 19:36
Operator : UM/SJ
Sample : H6067-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7F6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

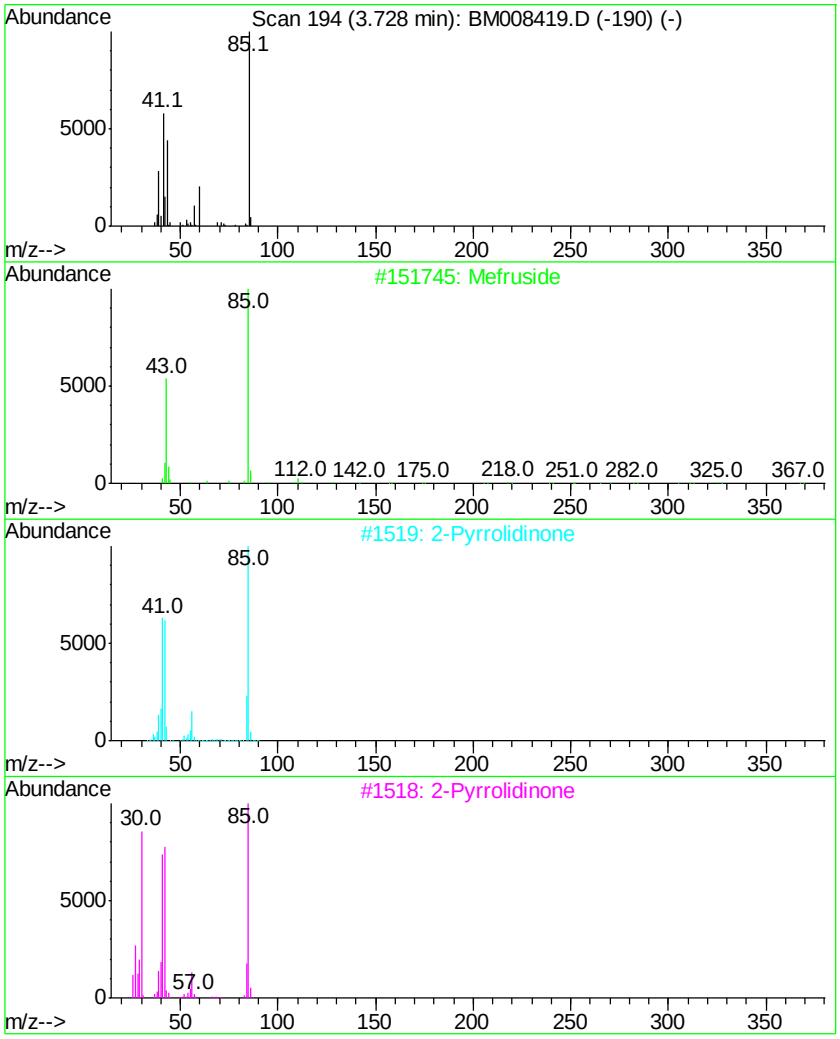
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

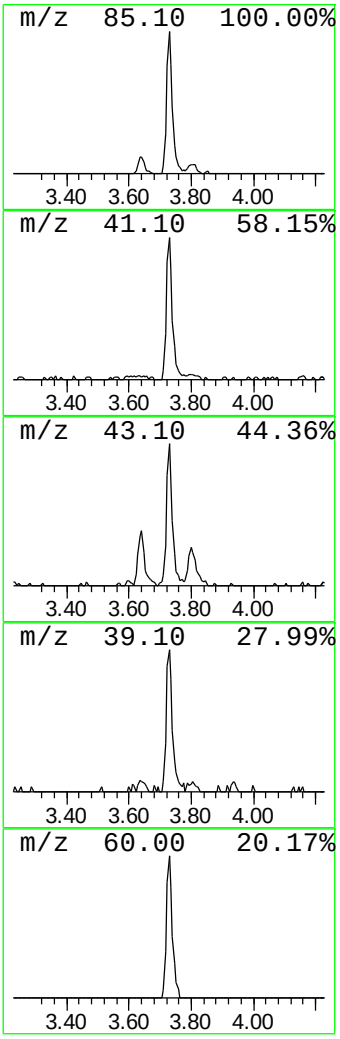
****

Peak Number 2 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	3.44 ng/ul	128646	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mefruside	382	C13H19ClN2O5S2	007195-27-9	36
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	36
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	33
4	2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	9
5	Methacrylamide	85	C4H7NO	000079-39-0	9





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Quant Title : SVOA CALIBRATION

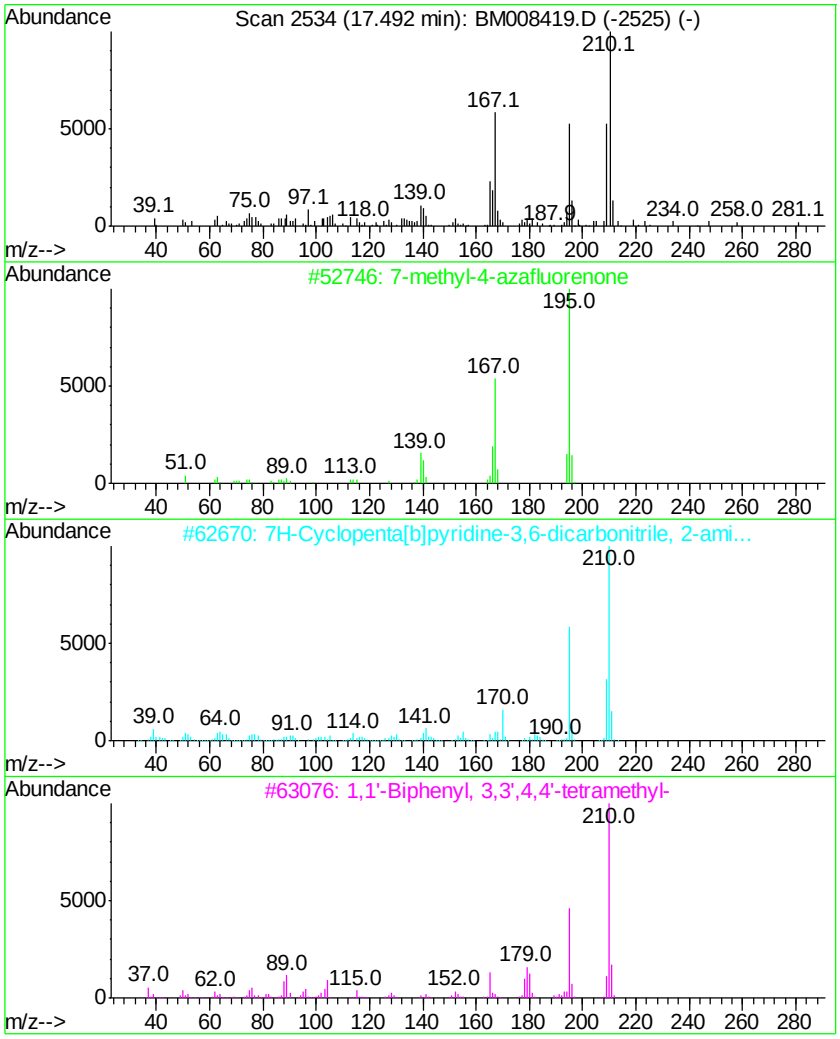
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

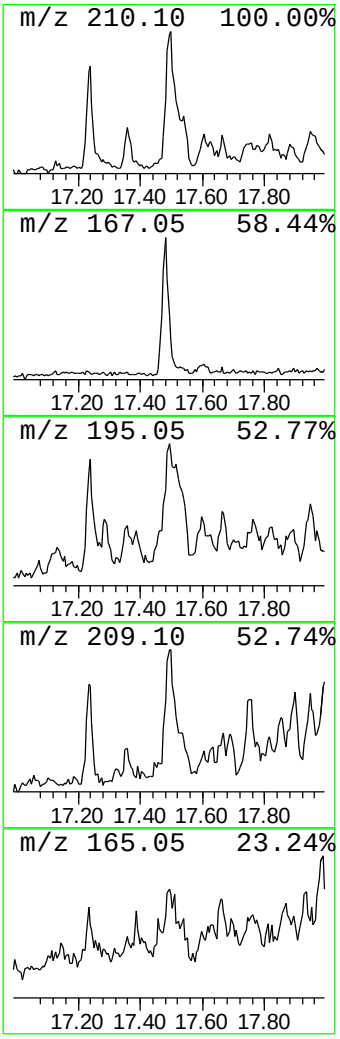
****

Peak Number 4 7-methyl-4-azafluorenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	2.71 ng/ul	206805	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-methyl-4-azafluorenone	195	C13H9NO	064292-02-0	50
2	7H-Cyclopenta[b]pyridine-3,6-dic...	210	C12H10N4	1000264-64-4	46
3	1,1'-Biphenyl, 3,3',4,4'-tetrame...	210	C16H18	004920-95-0	38
4	8-Methyl-4-azafluorenone	195	C13H9NO	064292-03-1	38
5	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	38





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Instrument : BNA_M
ClientSampleId : DA7F6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

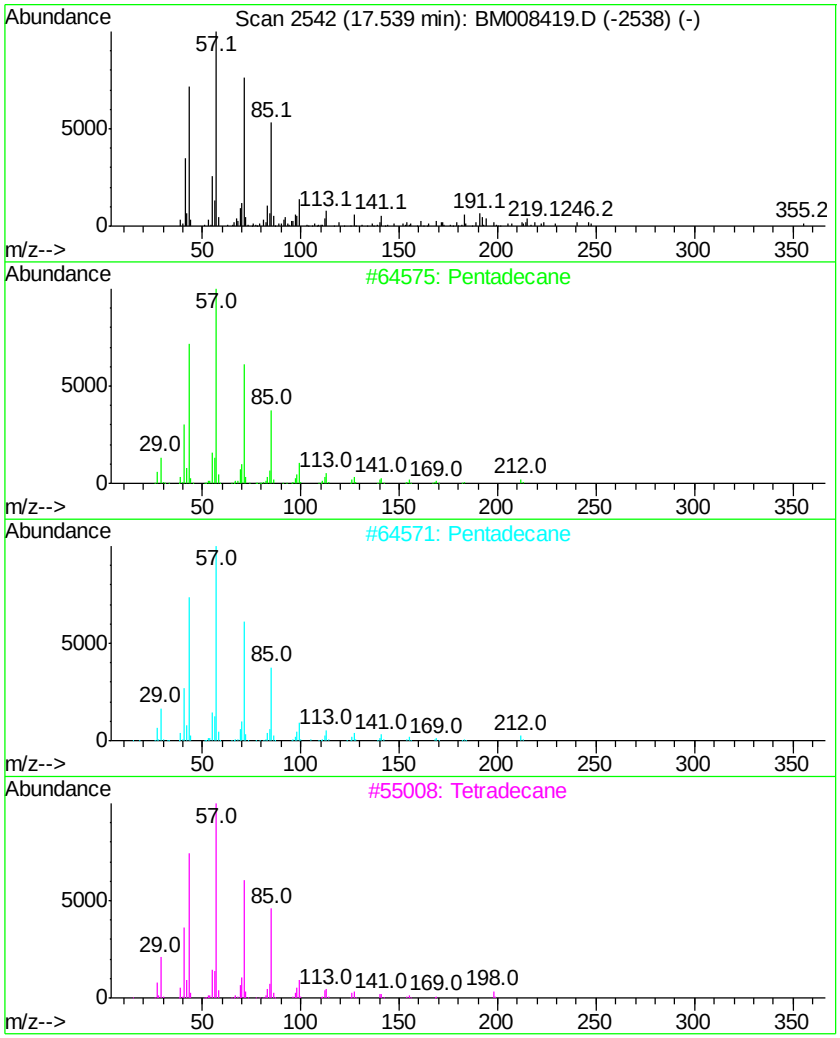
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

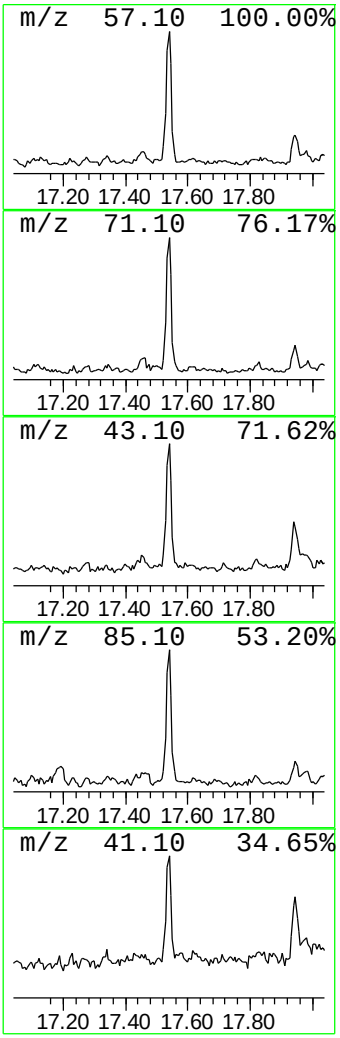
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	2.25 ng/ul	171332	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Pentadecane	212	C15H32	000629-62-9	95
3	Tetradecane	198	C14H30	000629-59-4	93
4	Eicosane	282	C20H42	000112-95-8	83
5	Octacosane	394	C28H58	000630-02-4	83





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Data File : BM008419.D
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Operator : UM/SJ
Sample : H6067-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7F6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

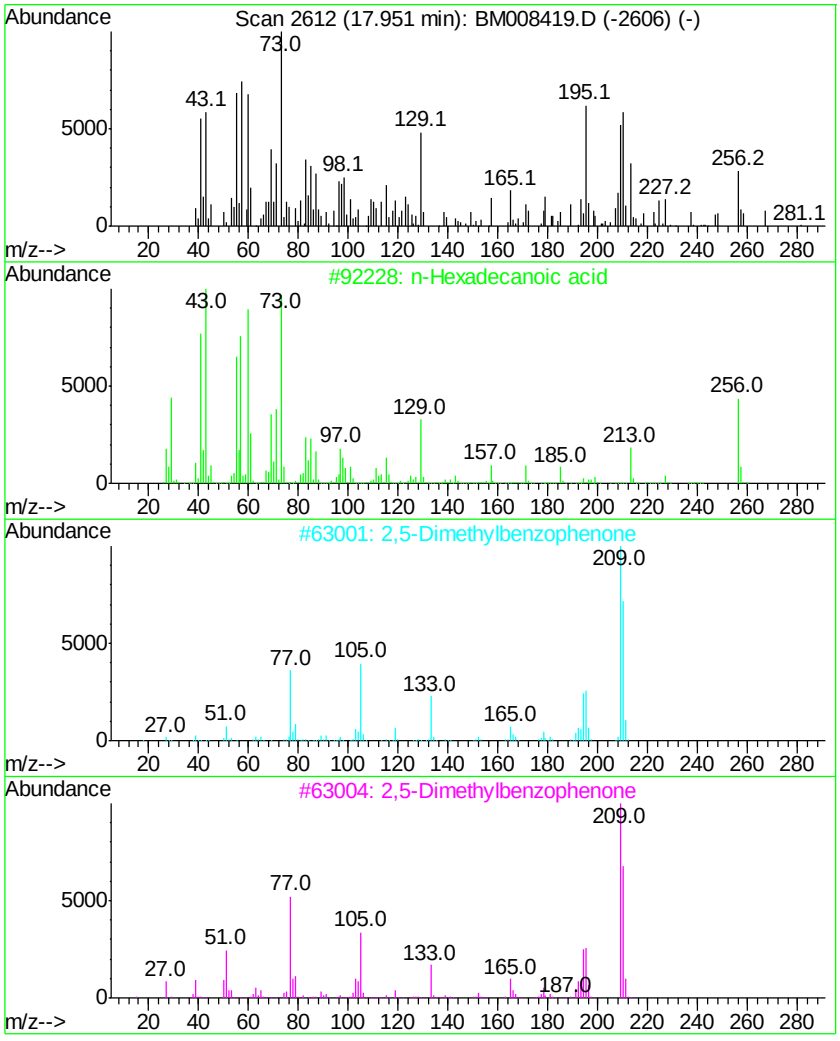
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

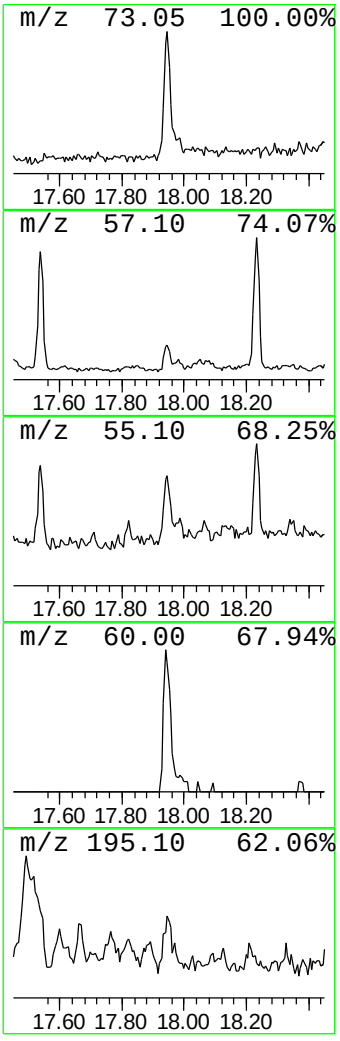
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.30 ng/ul	175669	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	66
2	2,5-Dimethylbenzophenone	210	C15H14O	004044-60-4	38
3	2,5-Dimethylbenzophenone	210	C15H14O	004044-60-4	27
4	3H-Pyrrolo[3,2-H]quinoline, 2,3,...	210	C14H14N2	083958-38-7	25
5	1,8,10-Trimethylpyrazino[1,2-a]i...	210	C14H14N2	1000226-11-4	18





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Sample : H6067-05
Misc :
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Instrument : BNA_M
ClientSampleId : DA7F6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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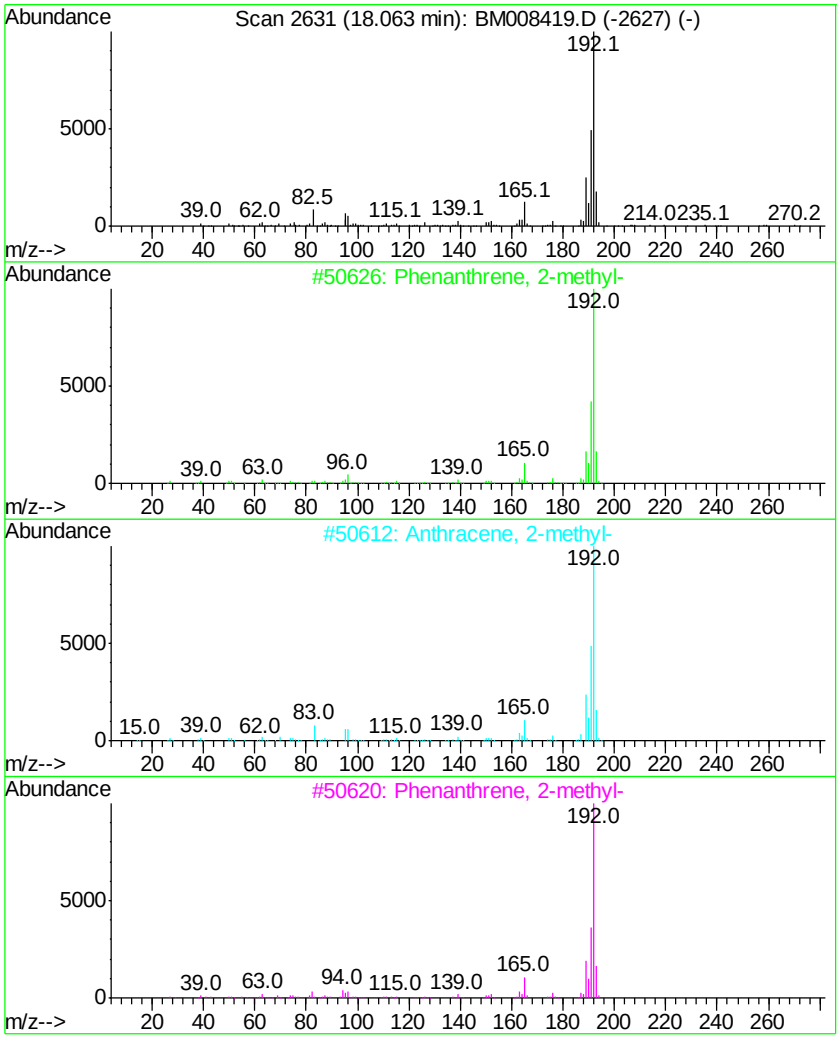
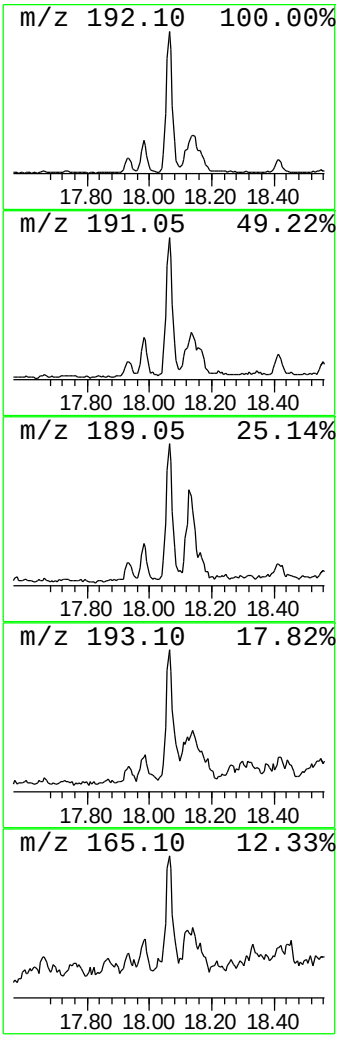
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	4.96 ng/ul	377996	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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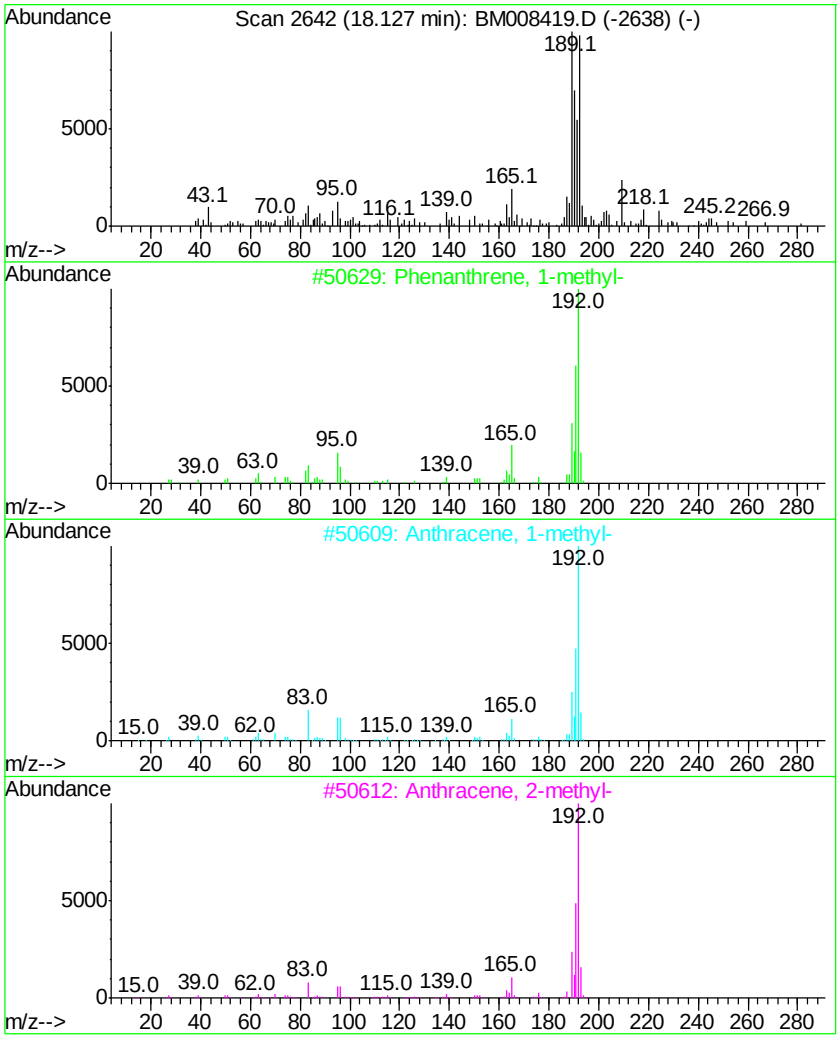
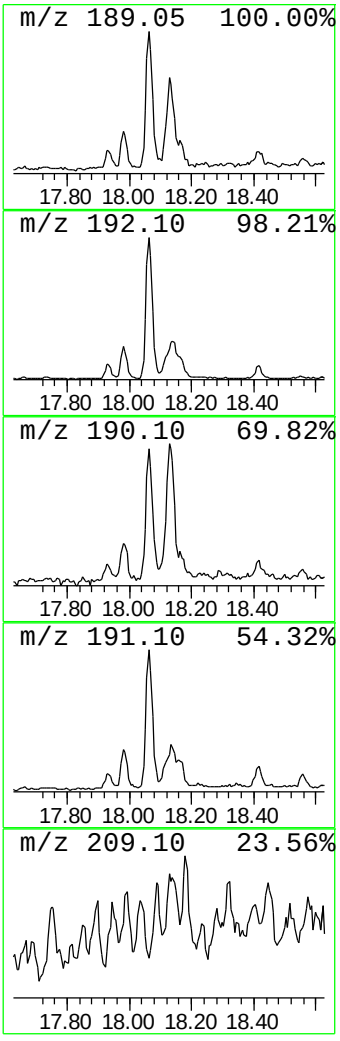
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	4.10 ng/ul	312263	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
4	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	50
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	45





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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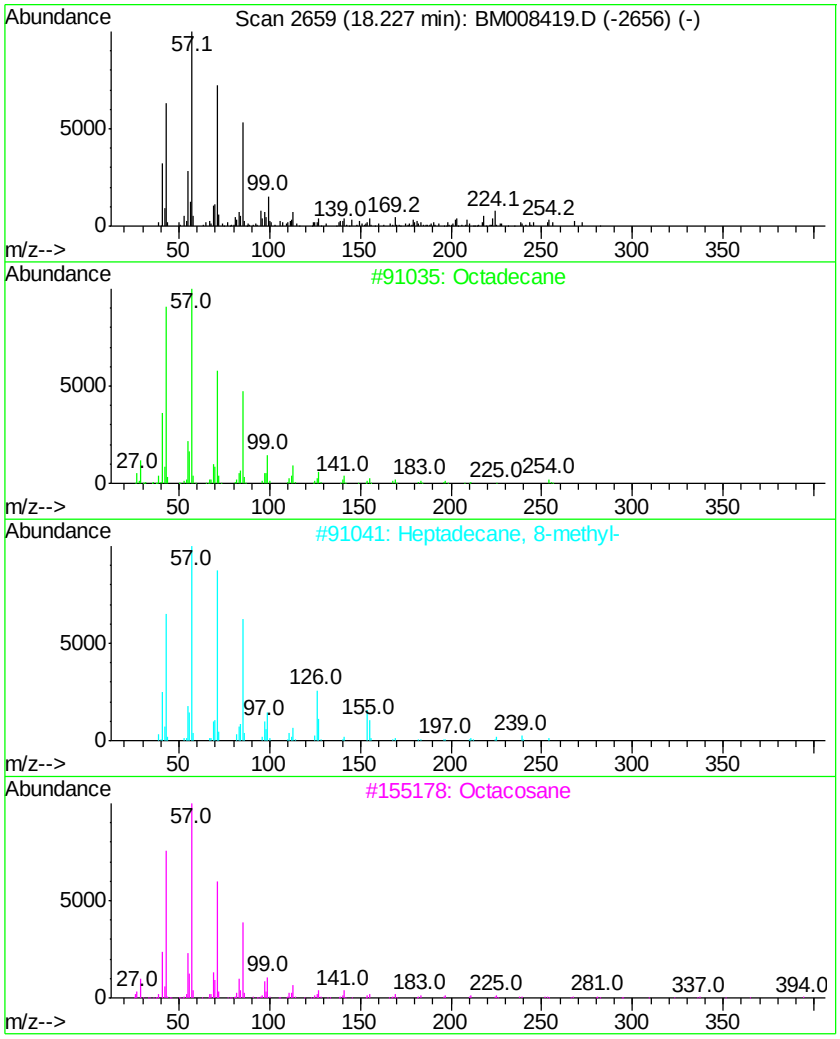
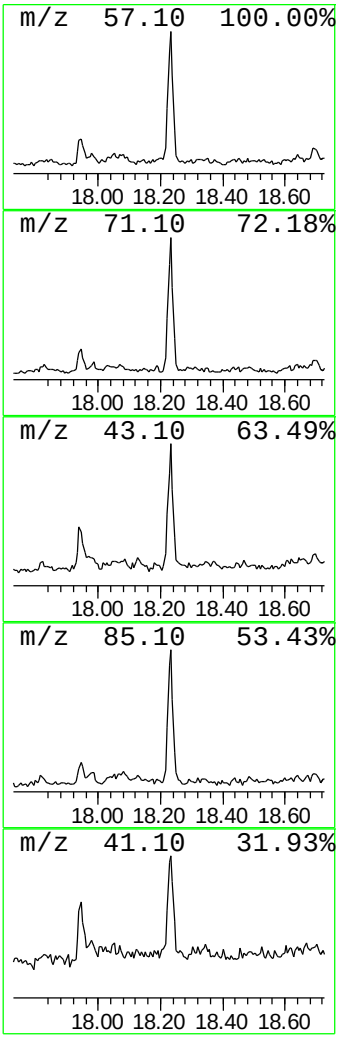
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	3.01 ng/ul	229397	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
3	Octacosane	394	C28H58	000630-02-4	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5	Tetradecane	198	C14H30	000629-59-4	83





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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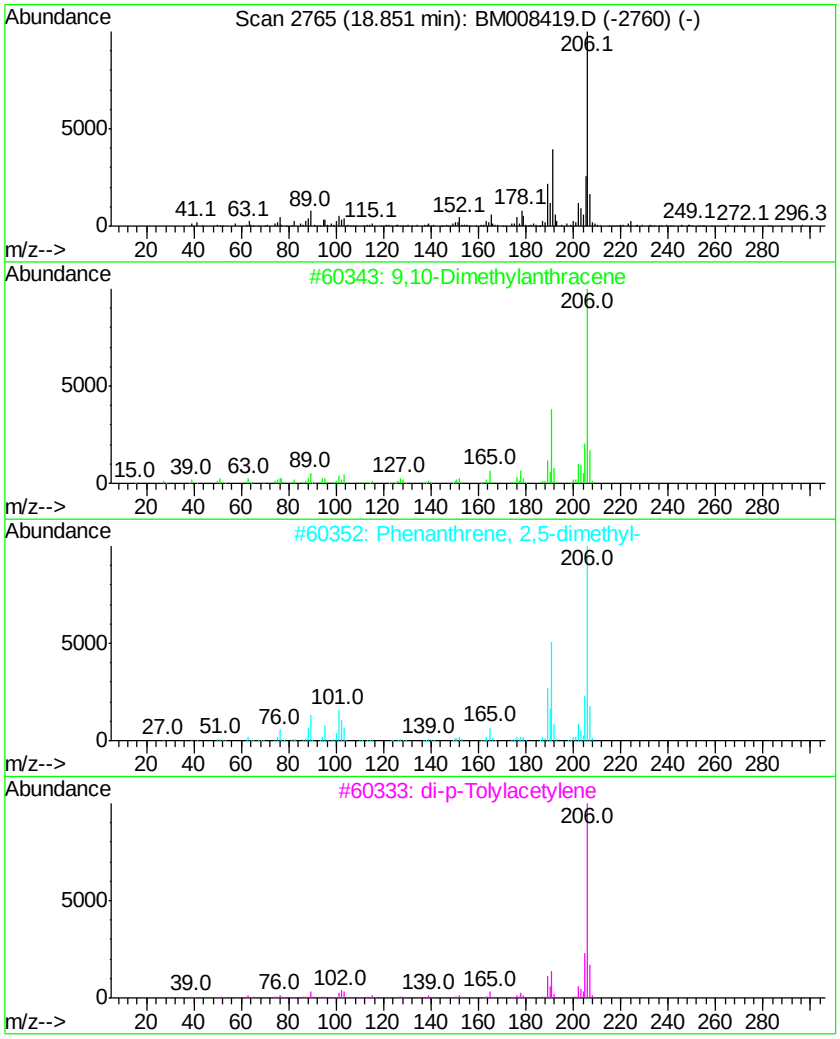
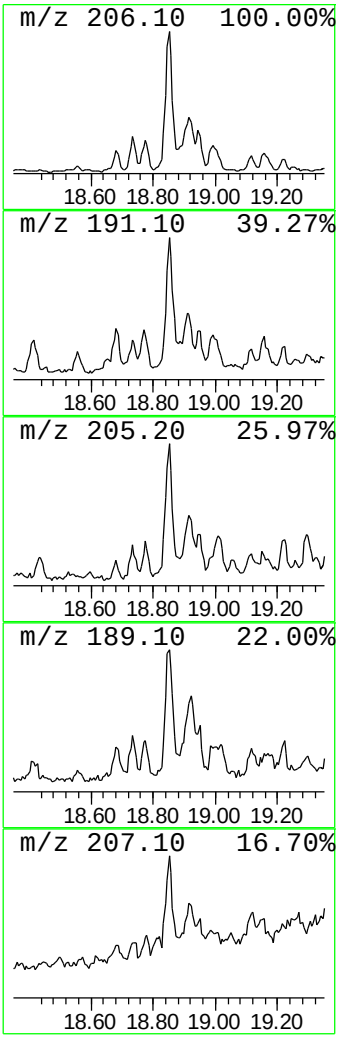
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	8.66 ng/ul	659907	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91





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ClientSampleId : DA7F6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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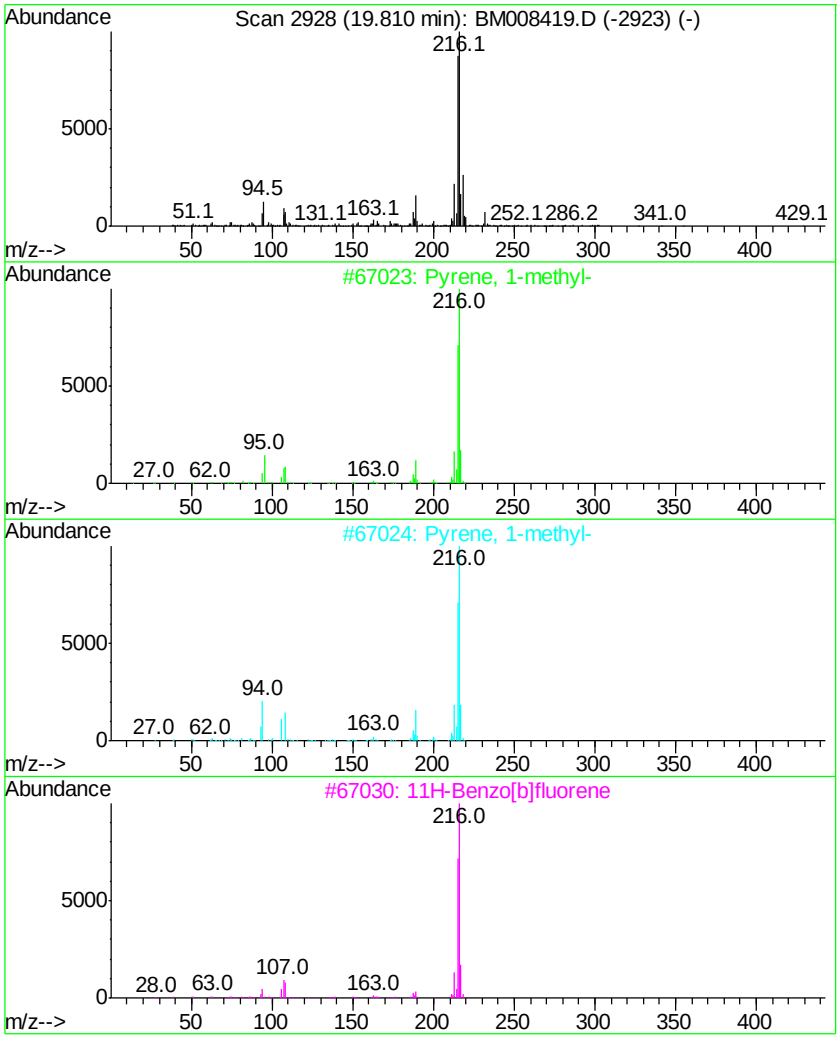
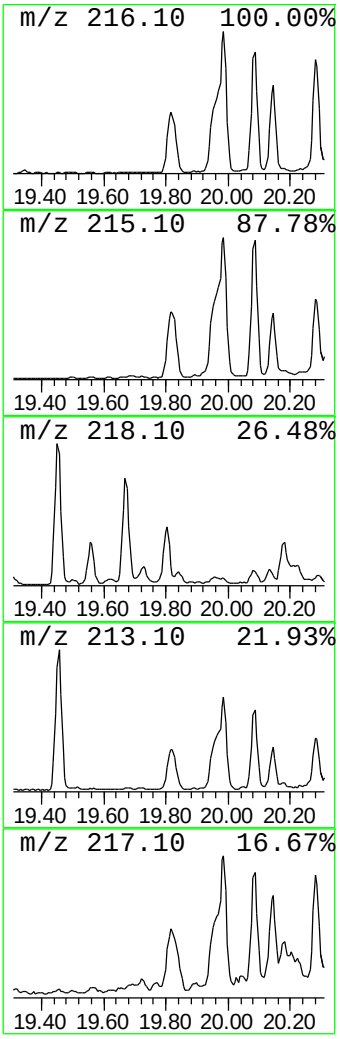
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	2.58 ng/ul	1046010	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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ClientSampleId : DA7F6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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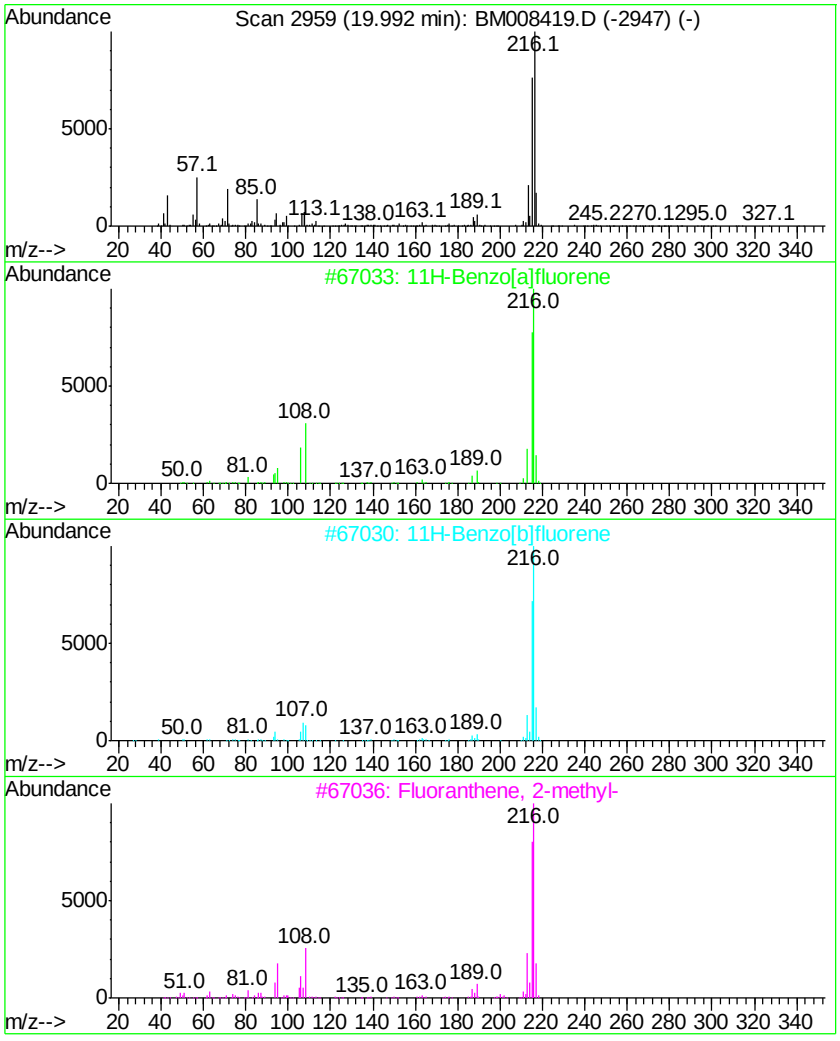
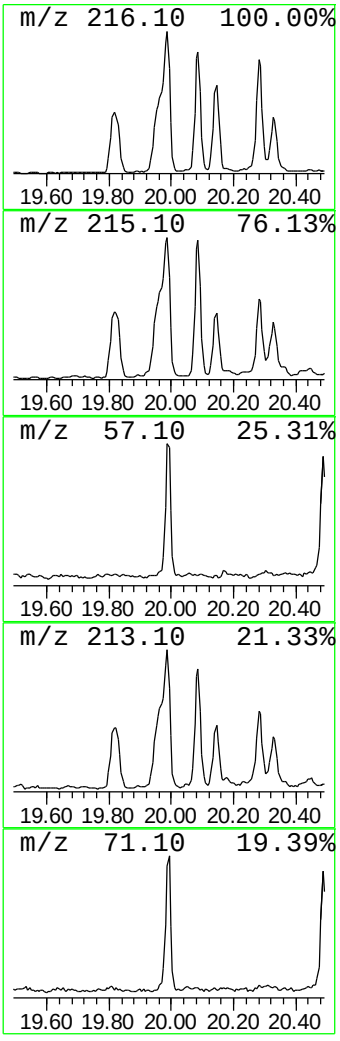
Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	5.28 ng/ul	2140180	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





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Instrument : BNA_M
ClientSampleId : DA7F6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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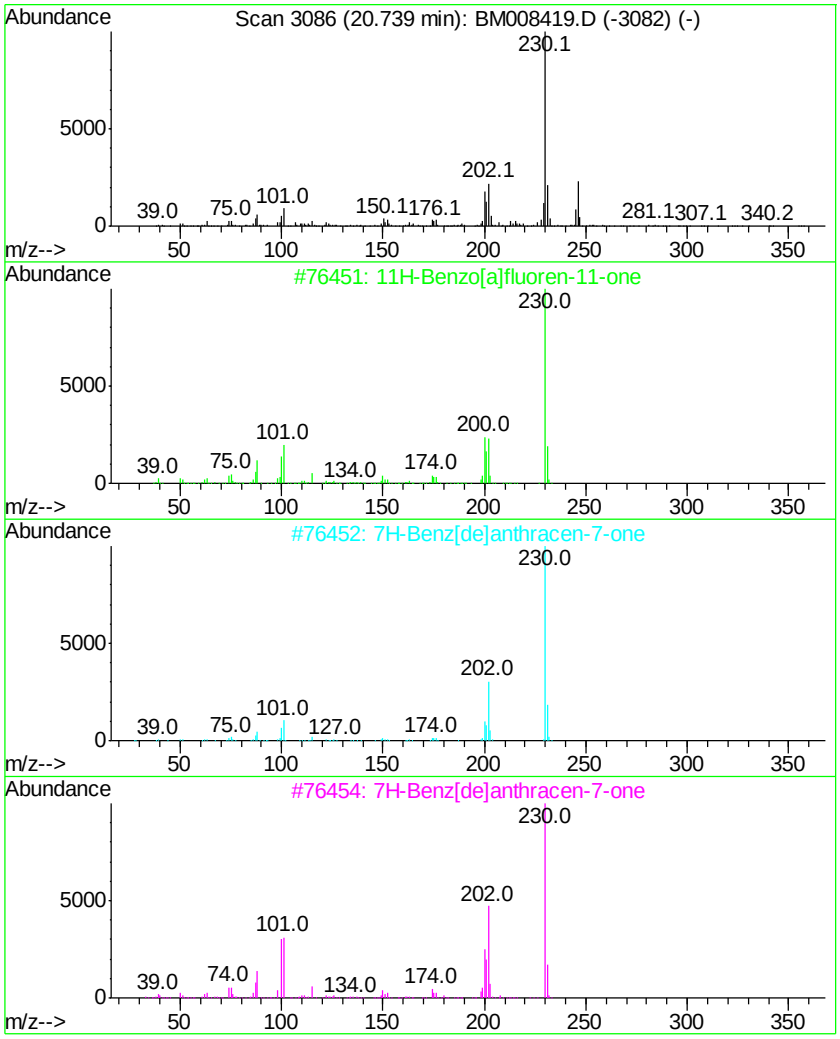
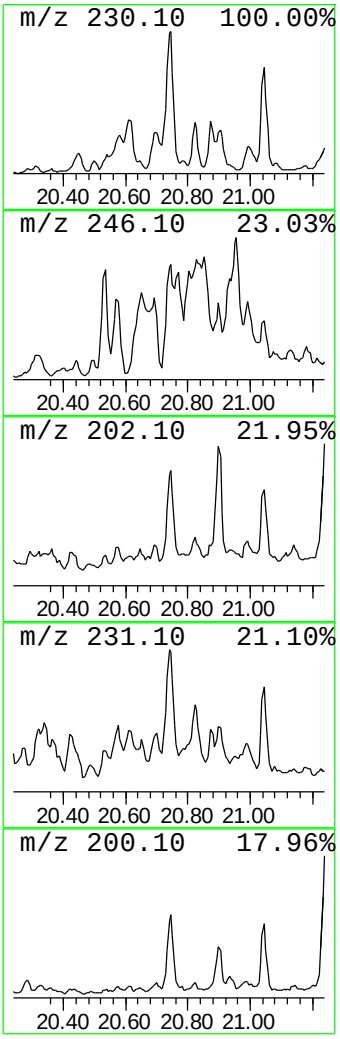
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	2.26 ng/ul	915084	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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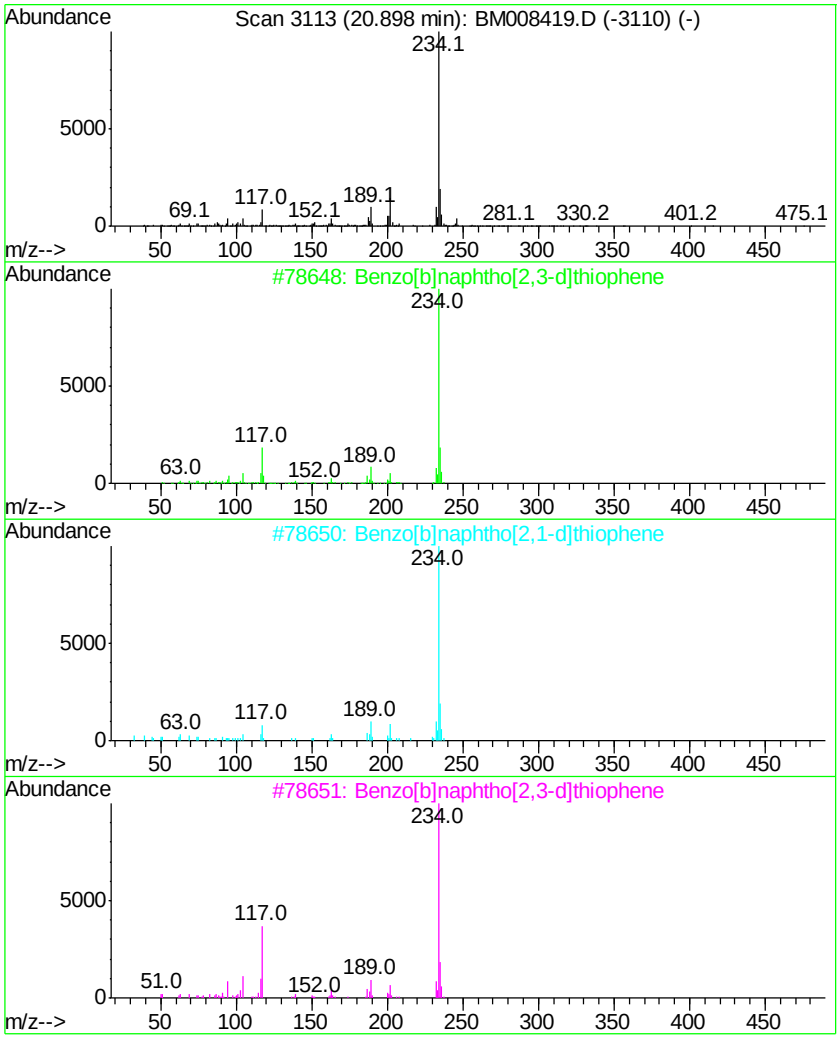
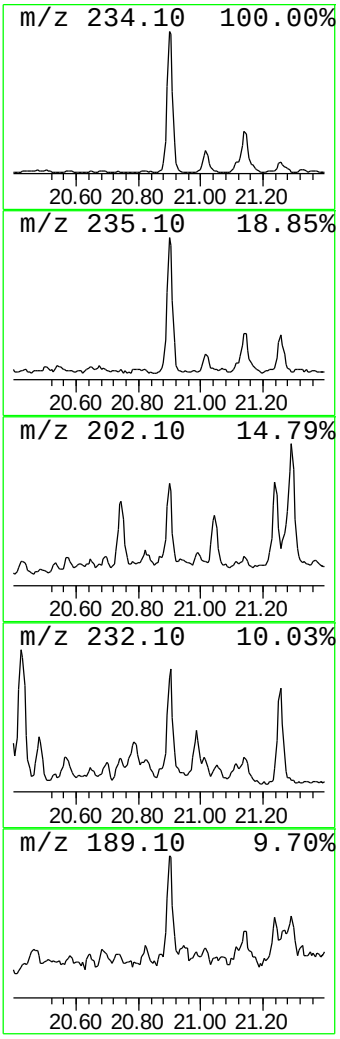
Peak Number 15 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.10 ng/ul	853191	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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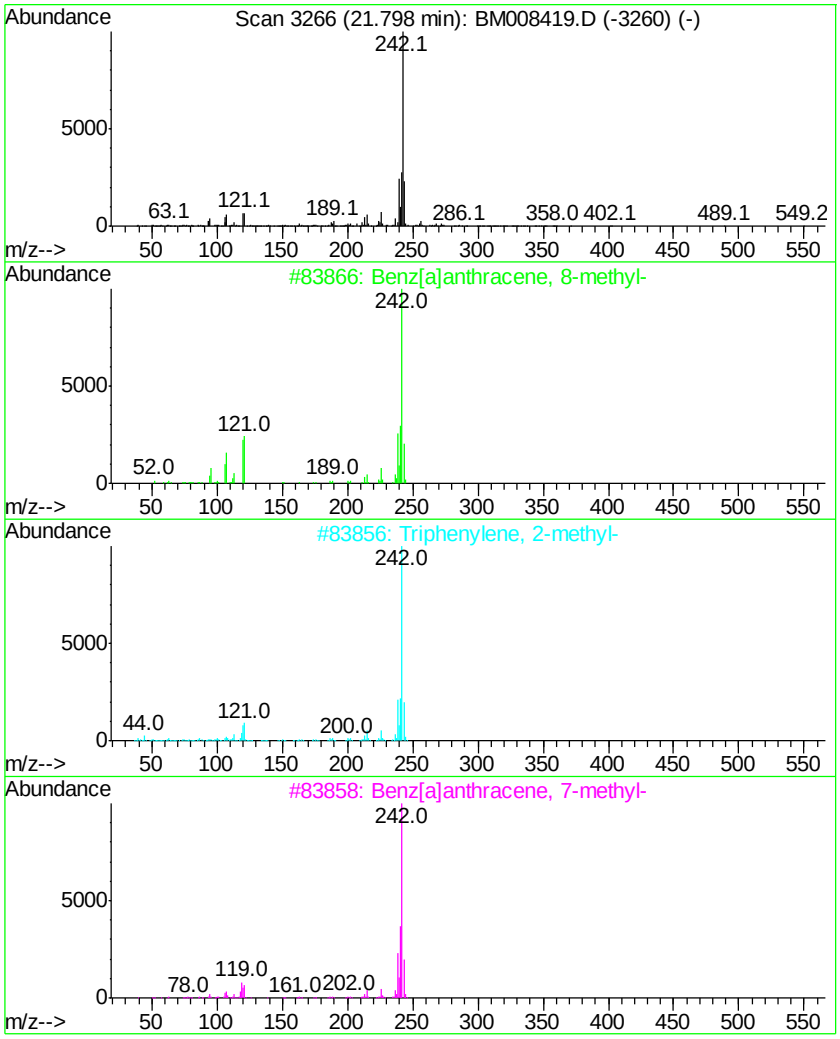
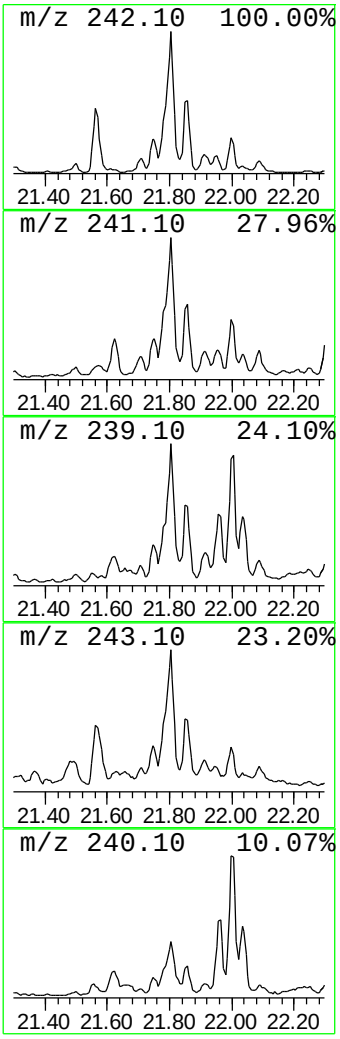
Peak Number 16 Benz[a]anthracene, 8-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	5.34 ng/ul	2166820	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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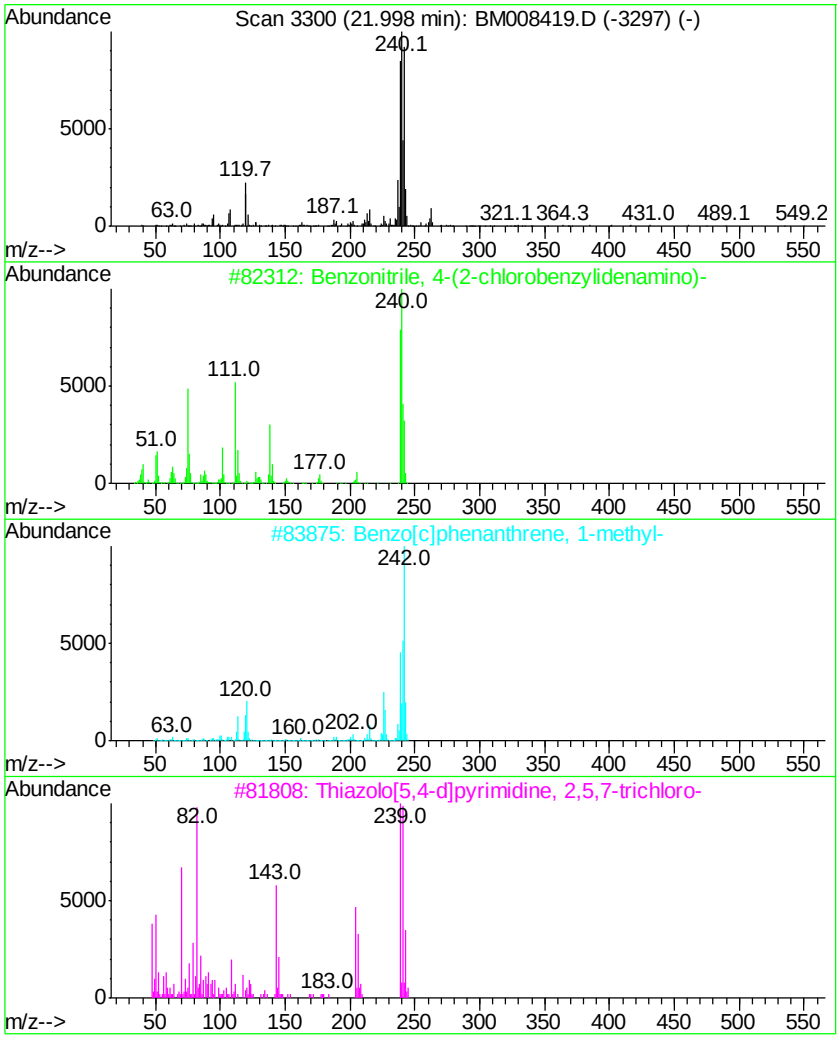
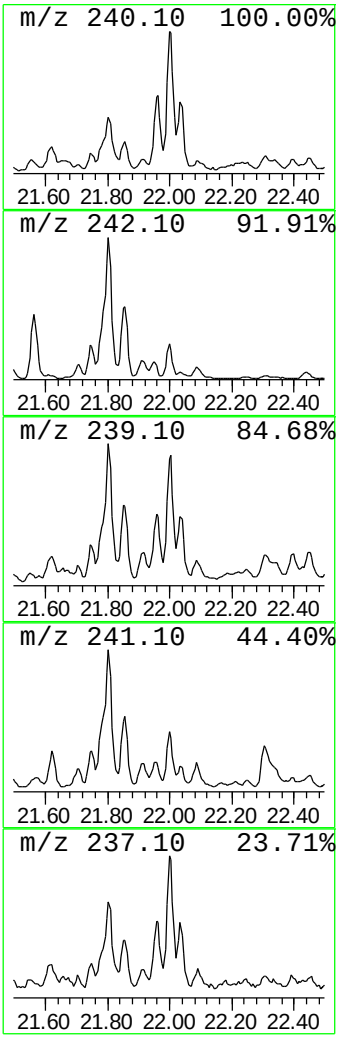
Peak Number 17 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	2.13 ng/ul	864443	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 4-(2-chlorobenzyli...	240	C14H9ClN2	303214-71-3	49
2	Benzo[c]phenanthrene, 1-methyl-	242	C19H14	004076-39-5	42
3	Thiazolo[5,4-d]pyrimidine, 2,5,7...	239	C5Cl3N3S	014739-66-3	38
4	9H-Tribenzo[a,c,e]cycloheptene	242	C19H14	000213-10-5	30
5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	30





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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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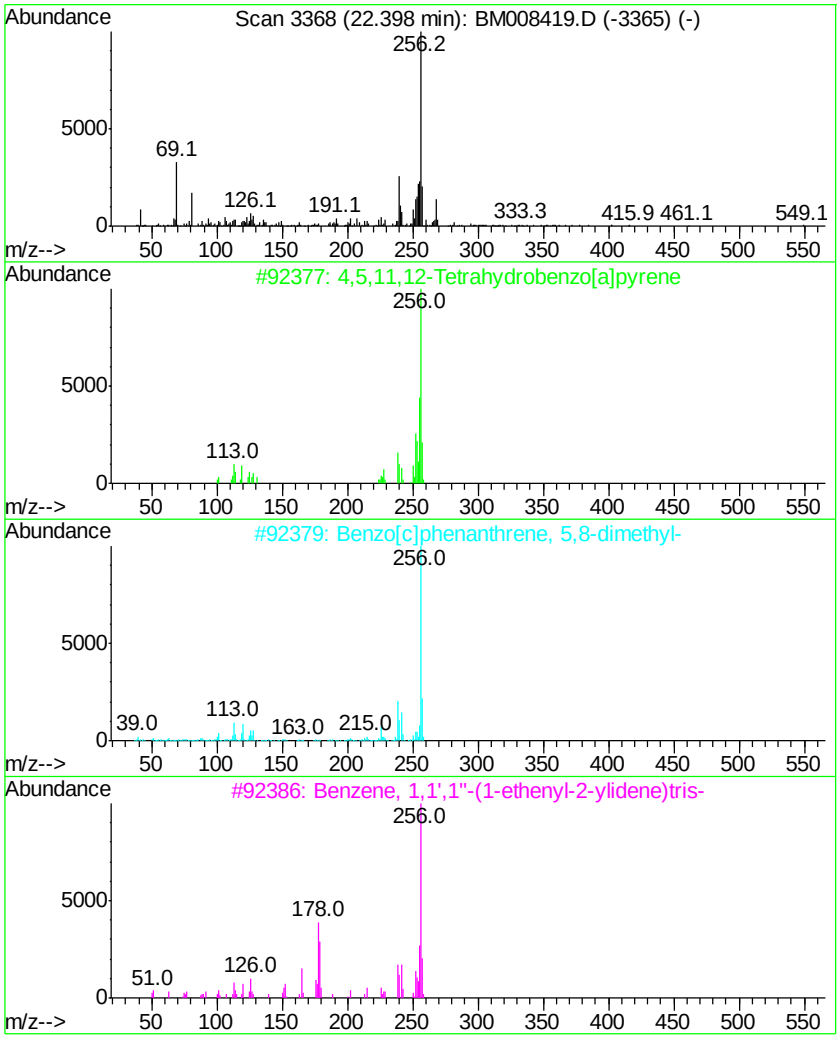
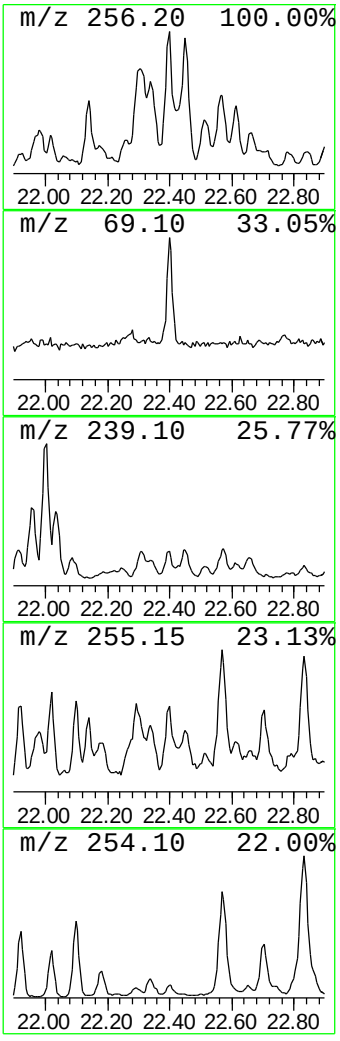
Peak Number 18 4,5,11,12-Tetrahydrobenzo[a... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	3.81 ng/ul	376292	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5,11,12-Tetrahydrobenzo[a]pyrene	256	C20H16	109292-58-2	70
2	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	58
3	Benzene, 1,1',1''-(1-ethenyl-2-y...	256	C20H16	000058-72-0	58
4	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	58
5	Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	50





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7F6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

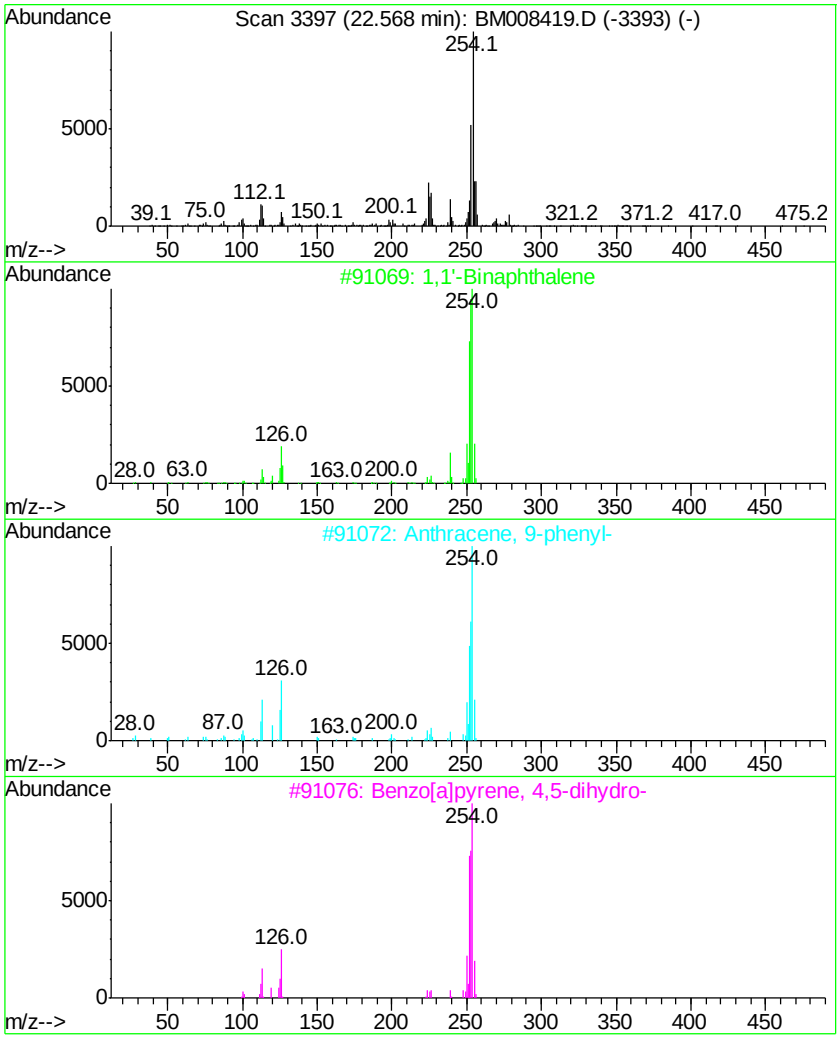
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

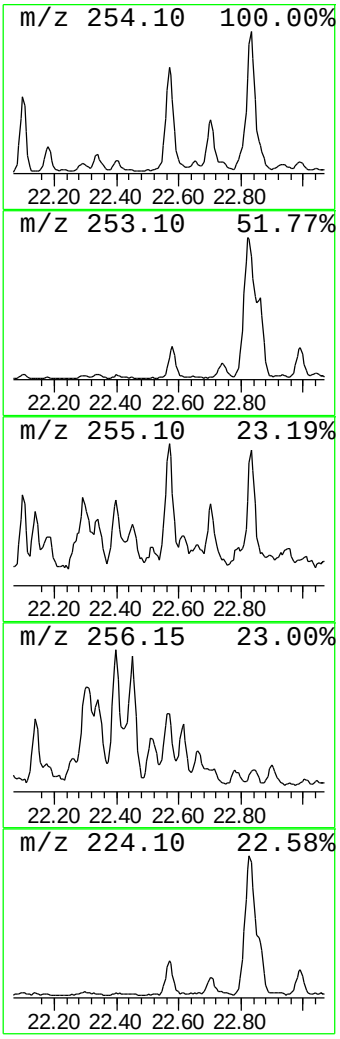
****

Peak Number 19 1,1'-Binaphthalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	10.14 ng/ul	1000290	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	68
2	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	68
3	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	64
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64
5	Imidazo[1,2-b]-1,2,4-triazine, 6...	254	C14H14N4O	1000277-24-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008419.D
Acq On : 17 Dec 2016 19:36
Operator : UM/SJ
Sample : H6067-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7F6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Buten-2-one, 3-...	2.95	3.4	ng/ul	127363	1	7.66	747409	20.0
unknown-01	3.73	3.4	ng/ul	128646	1	7.66	747409	20.0
7-methyl-4-azaflu...	17.49	2.7	ng/ul	206805	4	17.06	1524480	20.0
(DEL) Alkane: Str...	17.54	2.3	ng/ul	171332	4	17.06	1524480	20.0
n-Hexadecanoic acid	17.95	2.3	ng/ul	175669	4	17.06	1524480	20.0
Phenanthrene, 2-m...	18.06	5.0	ng/ul	377996	4	17.06	1524480	20.0
Phenanthrene, 1-m...	18.13	4.1	ng/ul	312263	4	17.06	1524480	20.0
(DEL) Alkane: Str...	18.23	3.0	ng/ul	229397	4	17.06	1524480	20.0
9,10-Dimethylanth...	18.85	8.7	ng/ul	659907	4	17.06	1524480	20.0
Pyrene, 1-methyl-	19.81	2.6	ng/ul	1046010	5	21.26	8110450	20.0
11H-Benzo[a]fluorene	19.99	5.3	ng/ul	2140180	5	21.26	8110450	20.0
11H-Benzo[a]fluor...	20.74	2.3	ng/ul	915084	5	21.26	8110450	20.0
Benzo[b]naphtho[2...	20.90	2.1	ng/ul	853191	5	21.26	8110450	20.0
Benz[a]anthracene...	21.80	5.3	ng/ul	2166820	5	21.26	8110450	20.0
unknown-02	22.00	2.1	ng/ul	864443	5	21.26	8110450	20.0
4,5,11,12-Tetrahy...	22.40	3.8	ng/ul	376292	6	23.49	1973290	20.0
1,1'-Binaphthalene	22.57	10.1	ng/ul	1000290	6	23.49	1973290	20.0