LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014769.D
Acq On : 20 Apr 2018 18:42
Operator : SJ/JU
Sample : J2434-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD4

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-BM041918.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	3.316	3	5	10	rVB	508074	578275	2.05%	0.204%
2	3.369	10	14	20	rVV	1119832	1428034	5.07%	0.503%
3	3.422	20	23	32	rVB	205529	286074	1.01%	0.101%
4	4.263	161	166	176	rVB	441399	607463	2.16%	0.214%
5	7.663	737	744	755	rBV	1335199	2395223	8.50%	0.844%
6	7.845	768	775	784	rBV	1115468	1762780	6.25%	0.621%
7	8.063	804	812	817	rBV	1401595	2323837	8.24%	0.819%
8	8.545	887	894	906	rVB	1165305	1944798	6.90%	0.685%
9	9.239	1005	1012	1021	rBV	1468776	2372797	8.42%	0.836%
10	9.728	1087	1095	1103	rBV	1296145	2288738	8.12%	0.807%
11	10.457	1206	1219	1230	rBV	1051602	1799257	6.38%	0.634%
12	10.992	1303	1310	1320	rBV	1667143	2773974	9.84%	0.977%
13	11.392	1369	1378	1384	rBV	1499350	2663083	9.45%	0.938%
14	11.510	1391	1398	1417	rBV	1245137	2401405	8.52%	0.846%
15	14.533	1905	1912	1916	rBV	2685366	3770904	13.38%	1.329%
16	14.580	1916	1920	1926	rVB	513339	723956	2.57%	0.255%
17	14.845	1958	1965	1975	rBV	3239550	4841032	17.17%	1.706%
18	15.145	2006	2016	2022	rBV2	2117451	3322759	11.79%	1.171%
19	15.204	2022	2026	2034	rVB	198912	301453	1.07%	0.106%
20	15.298	2034	2042	2052	rBV	896461	1368792	4.86%	0.482%
21	15.933	2145	2150	2155	rVB2	238671	335956	1.19%	0.118%
22	16.121	2175	2182	2188	rBV	3862109	5685355	20.17%	2.003%
23	16.216	2194	2198	2204	rVB	475725	651681	2.31%	0.230%
24	16.780	2289	2294	2311	rVB	224722	454200	1.61%	0.160%
25	17.857	2470	2477	2481	rBV	2440875	3761973	13.35%	1.326%
26	17.898	2481	2484	2488	rVV	1493637	1960988	6.96%	0.691%
27	17.951	2488	2493	2504	rVB2	3956231	6137585	21.77%	2.163%
28	18.245	2535	2543	2548	rBV2	386773	650741	2.31%	0.229%
29	18.680	2612	2617	2620	rBV	475245	680071	2.41%	0.240%
30	18.757	2626	2630	2638	rVB3	443037	672160	2.38%	0.237%
31	18.909	2649	2656	2659	rBV3	433169	800880	2.84%	0.282%
32	19.862	2812	2818	2823	rVB	8510171	11436594	40.57%	4.030%
33	20.186	2867	2873	2876	rBV3	5541942	9335815	33.12%	3.290%
34	20.215	2876	2878	2885	rVV	9095319	11408128	40.47%	4.020%

LSC Area Percent Report

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Operator : SJ/JU
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Misc :
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Instrument : BNA_M
ClientSampleId : C0AD4

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-BM041918.M
Title : SVOA CALIBRATION

35	20.274	2885	2888	2893	rVB	334237	415023	1.47%	0.146%
36	20.380	2902	2906	2911	rBV	497145	646684	2.29%	0.228%
37	20.451	2913	2918	2924	rVB	745376	1025290	3.64%	0.361%
38	20.521	2925	2930	2936	rBV4	646604	1410974	5.01%	0.497%
39	20.580	2936	2940	2944	rBV	341437	419807	1.49%	0.148%
40	20.692	2945	2959	2963	rBV	2326146	4923390	17.47%	1.735%
41	20.786	2970	2975	2979	rBV	1740945	2411773	8.56%	0.850%
42	20.845	2982	2985	2989	rVV	833339	1154981	4.10%	0.407%
43	20.880	2989	2991	2994	rVB	316492	307678	1.09%	0.108%
44	20.986	3004	3009	3012	rBV	1000998	1388709	4.93%	0.489%
45	21.027	3013	3016	3023	rVB	968749	1384096	4.91%	0.488%
46	21.303	3058	3063	3071	rVB2	717030	1418709	5.03%	0.500%
47	21.374	3072	3075	3079	rBV3	331664	596151	2.11%	0.210%
48	21.415	3079	3082	3089	rVB2	482896	794026	2.82%	0.280%
49	21.586	3107	3111	3114	rBV2	1256459	1762070	6.25%	0.621%
50	21.621	3114	3117	3120	rVB	1007760	1217259	4.32%	0.429%
51	21.668	3120	3125	3128	rBV2	1698728	2472360	8.77%	0.871%
52	21.927	3164	3169	3175	rBV2	10504576	18861185	66.91%	6.646%
53	21.980	3175	3178	3183	rVB	8964603	12192399	43.26%	4.296%
54	22.109	3196	3200	3207	rVB	1155758	1623063	5.76%	0.572%
55	22.221	3216	3219	3223	rVB	1127215	1504546	5.34%	0.530%
56	22.274	3223	3228	3234	rBV	2022185	3342114	11.86%	1.178%
57	22.533	3266	3272	3277	rBV	1511576	2855529	10.13%	1.006%
58	22.592	3279	3282	3287	rVB	991913	1389570	4.93%	0.490%
59	22.756	3306	3310	3314	rBV2	903607	1665781	5.91%	0.587%
60	22.862	3324	3328	3337	rVB3	760528	1356271	4.81%	0.478%
61	23.397	3415	3419	3425	rBV	593195	973646	3.45%	0.343%
62	23.686	3460	3468	3474	rBV	10264330	28186871	100.00%	9.932%
63	23.874	3495	3500	3506	rVB	1361705	2364331	8.39%	0.833%
64	24.021	3521	3525	3533	rBV3	523219	1208092	4.29%	0.426%
65	24.233	3553	3561	3566	rBV	6804523	14782731	52.45%	5.209%
66	24.286	3566	3570	3574	rVV2	3124929	6655306	23.61%	2.345%
67	24.344	3574	3580	3587	rVB	10037571	20759571	73.65%	7.315%
68	24.444	3592	3597	3601	rVV	1691487	3571209	12.67%	1.258%
69	24.497	3601	3606	3614	rVB2	3122210	6735019	23.89%	2.373%
70	27.050	4028	4040	4050	rVB	5896700	18657472	66.19%	6.574%
71	27.856	4166	4177	4196	rVB	4793265	17425259	61.82%	6.140%

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Misc :
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Instrument : BNA_M
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Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Title : SVOA CALIBRATION

Sum of corrected areas: 283785706

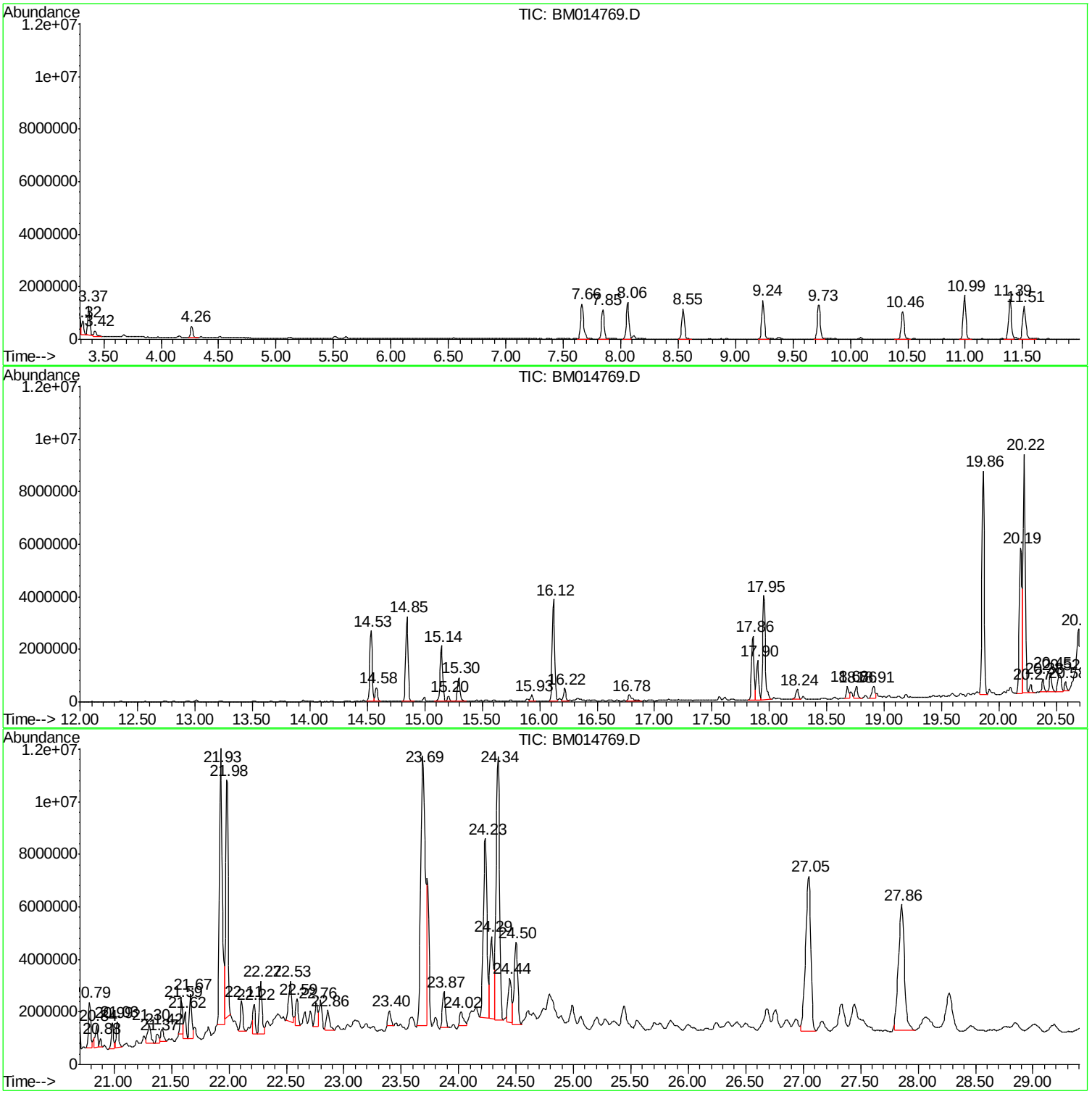
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014769.D
Acq On : 20 Apr 2018 18:42
Operator : SJ/JU
Sample : J2434-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014769.D
Acq On : 20 Apr 2018 18:42
Operator : SJ/JU
Sample : J2434-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

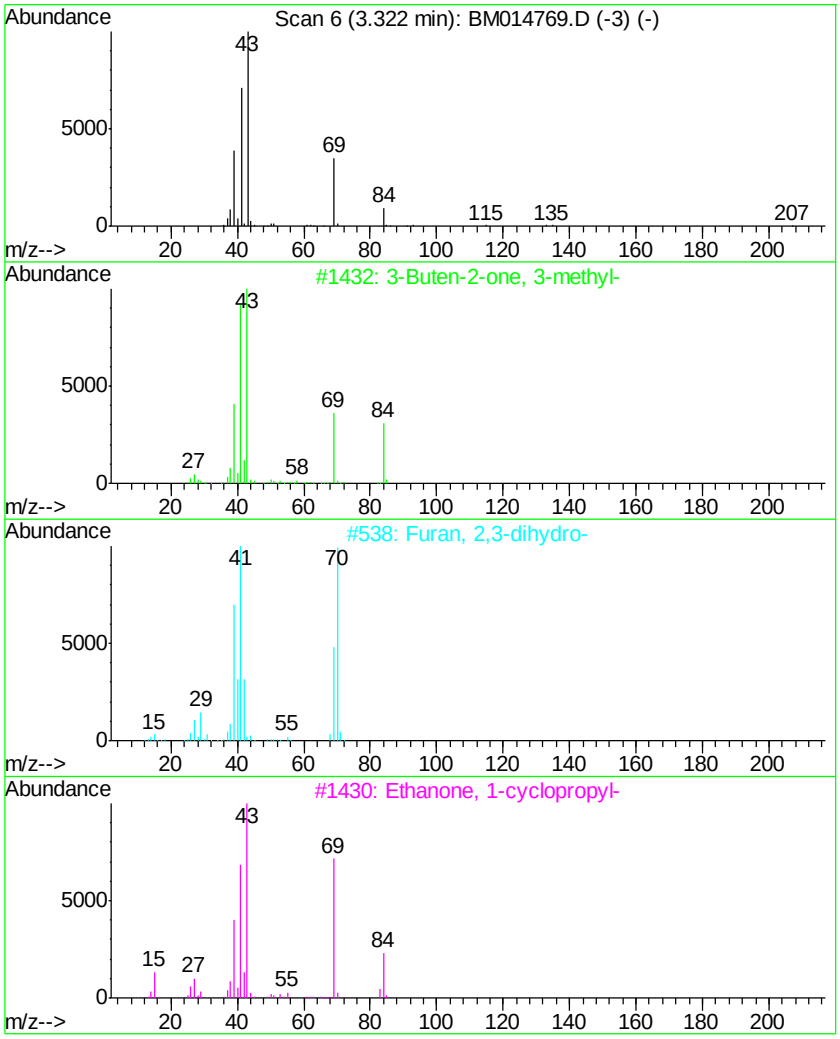
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

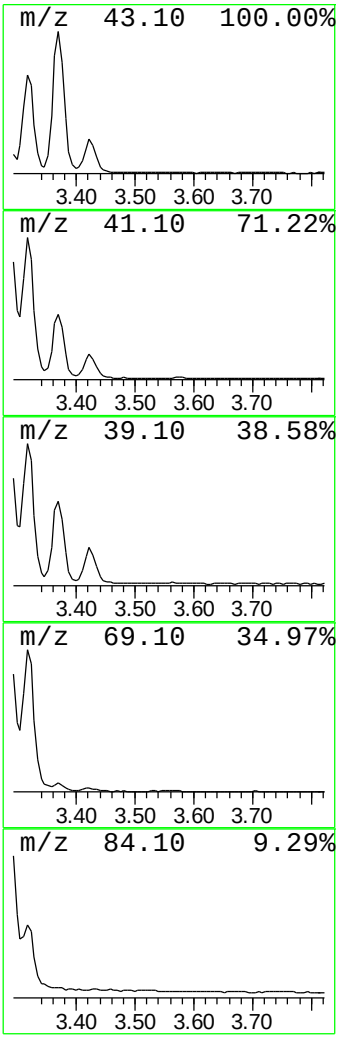
****

Peak Number 1 3-Buten-2-one, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	5.95 ng/ul	578275	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	64
2	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	33
3	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	16
4	3-Penten-2-one	84	C5H8O	000625-33-2	10
5	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014769.D
Acq On : 20 Apr 2018 18:42
Operator : SJ/JU
Sample : J2434-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

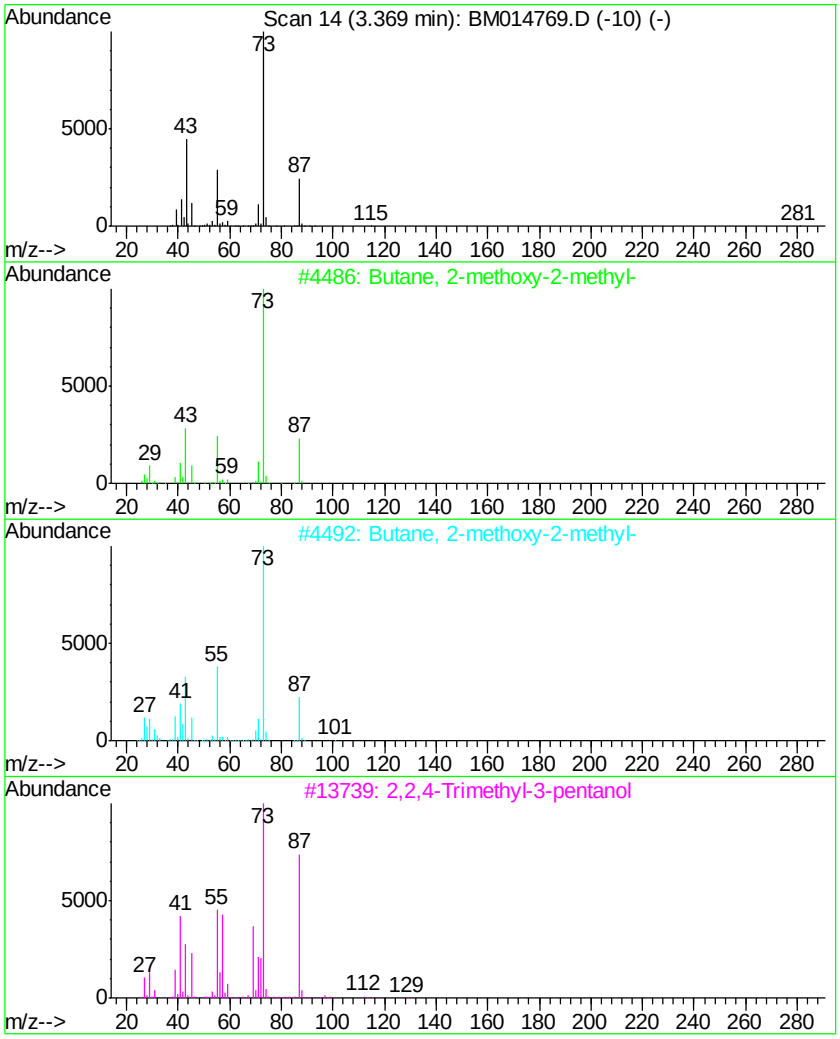
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

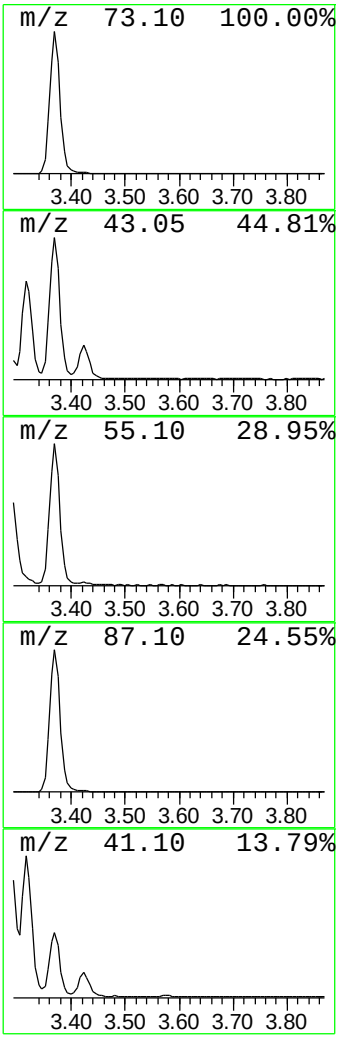
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.37	14.69 ng/ul	1428030	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014769.D
Acq On : 20 Apr 2018 18:42
Operator : SJ/JU
Sample : J2434-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

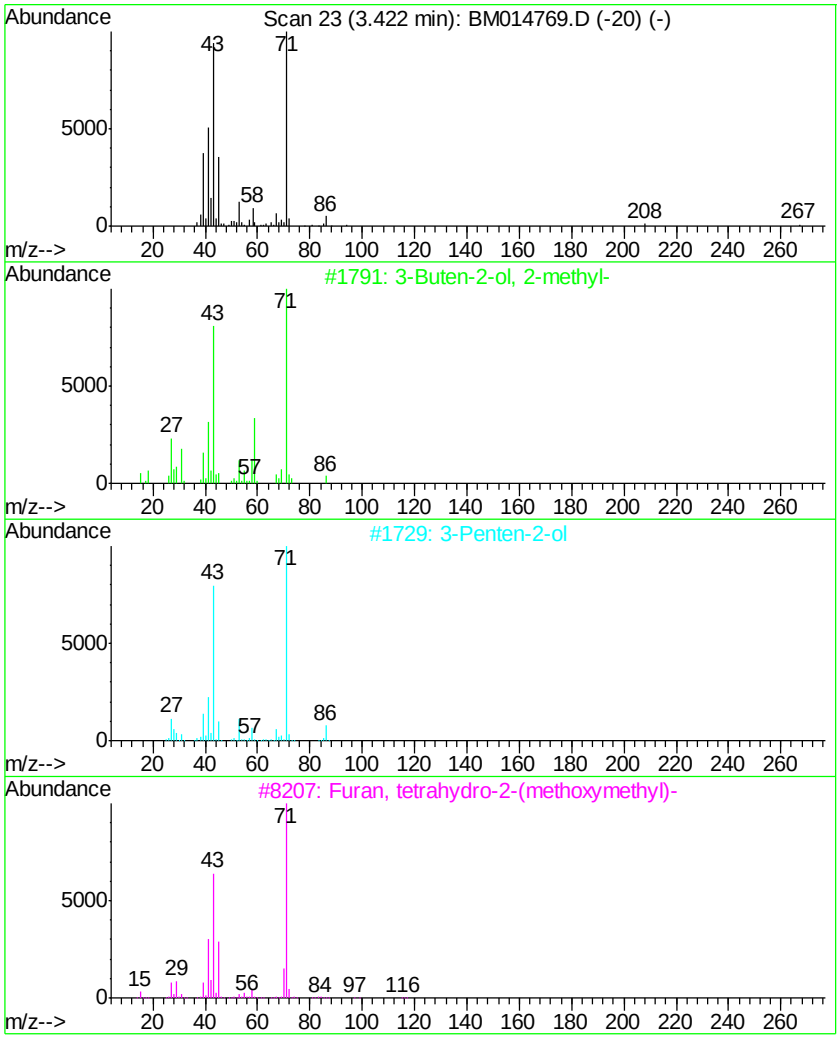
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

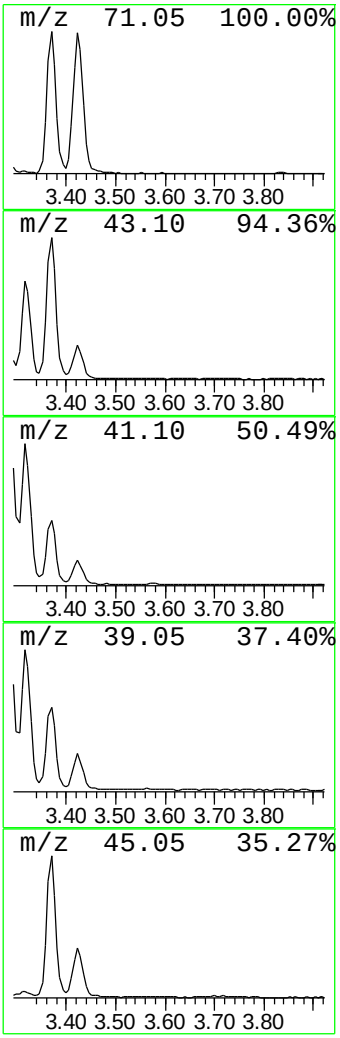
****

Peak Number 3 3-Buten-2-ol, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	2.94 ng/ul	286074	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	80
2	3-Penten-2-ol	86	C5H10O	001569-50-2	72
3	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	72
4	1-Propene, 3-methoxy-2-methyl-	86	C5H10O	022418-49-1	64
5	Pentane, 2,2'-oxybis-	158	C10H22O	056762-00-6	64





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Instrument : BNA_M
ClientSampleId : C0AD4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

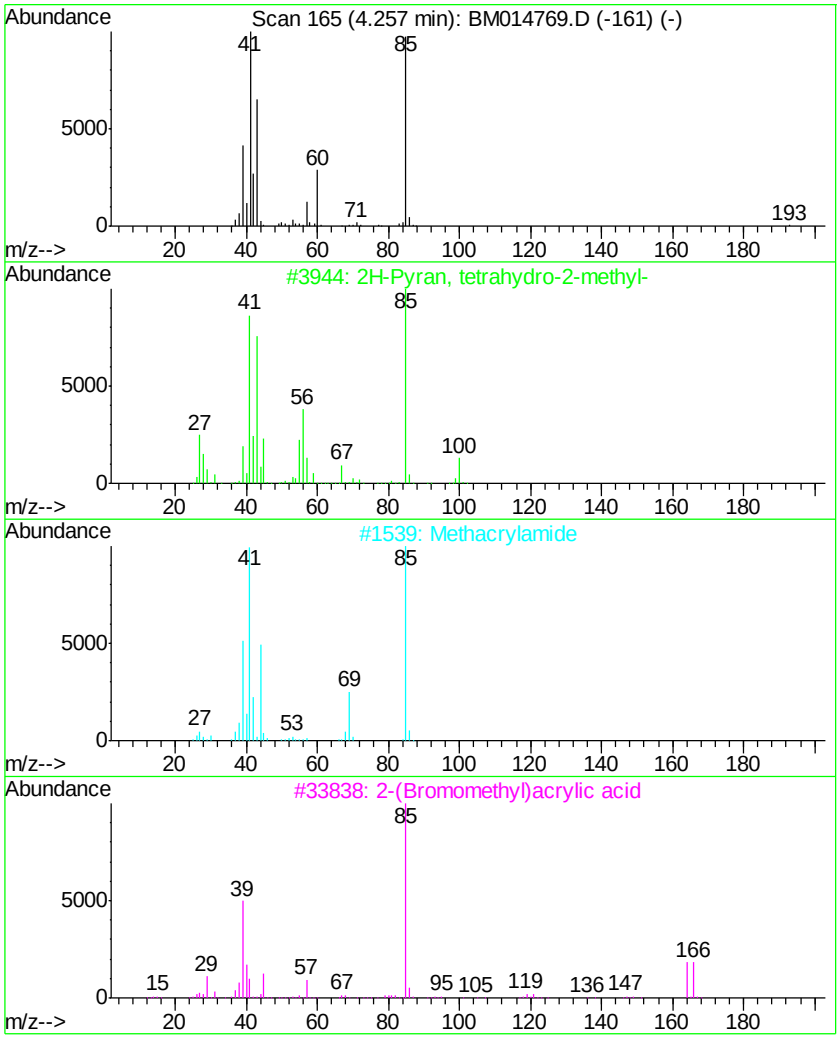
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

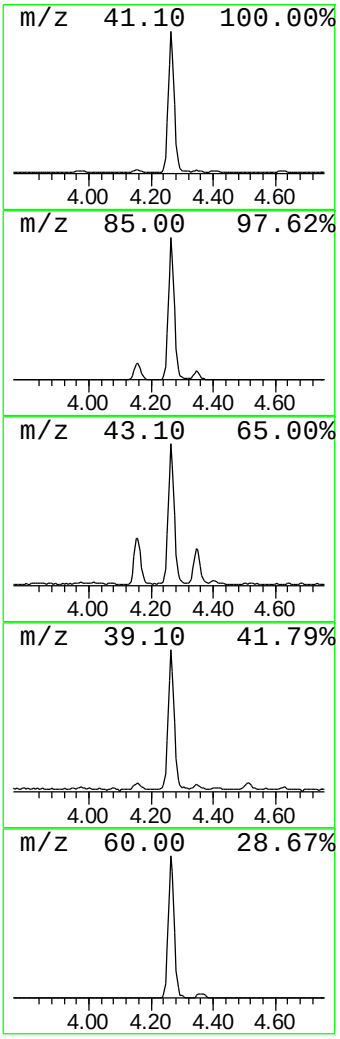
****

Peak Number 4 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	6.25 ng/ul	607463	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	50
2	Methacrylamide	85	C4H7NO	000079-39-0	45
3	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	40
4	Methacrylamide	85	C4H7NO	000079-39-0	28
5	Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	28





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Sample : J2434-19
Misc :
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

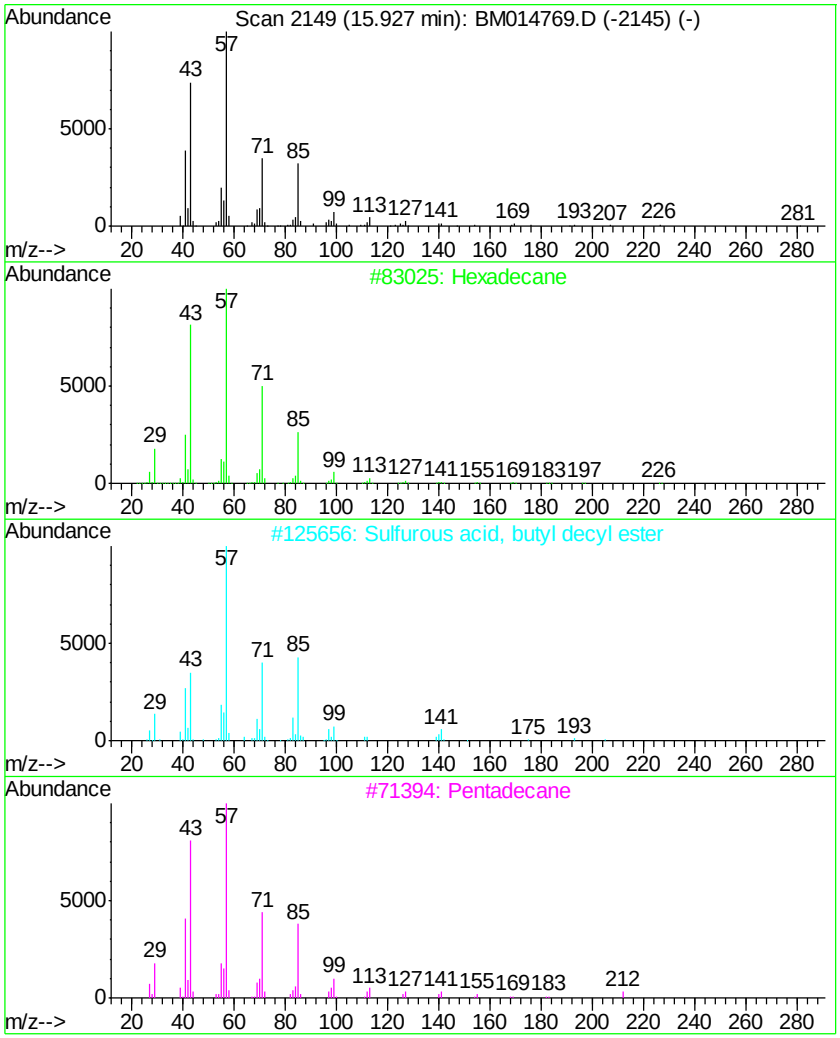
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

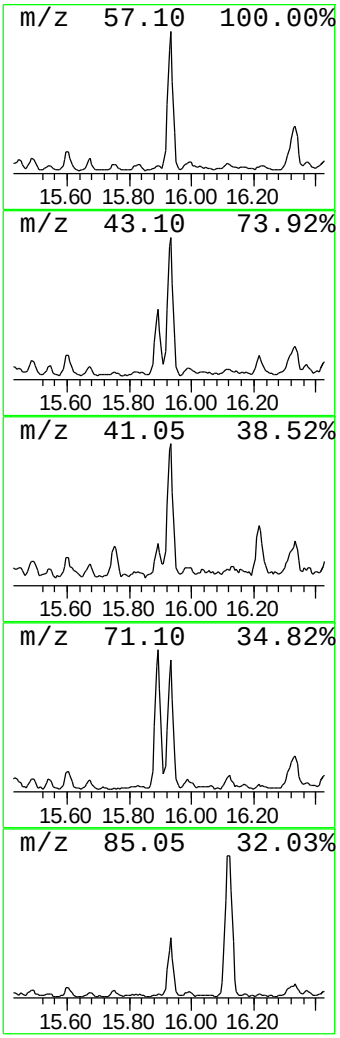
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	2.02 ng/ul	335956	Acenaphthene-d10	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	86
3	Pentadecane	212	C15H32	000629-62-9	83
4	Tridecane	184	C13H28	000629-50-5	80
5	Nonadecane	268	C19H40	000629-92-5	80





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

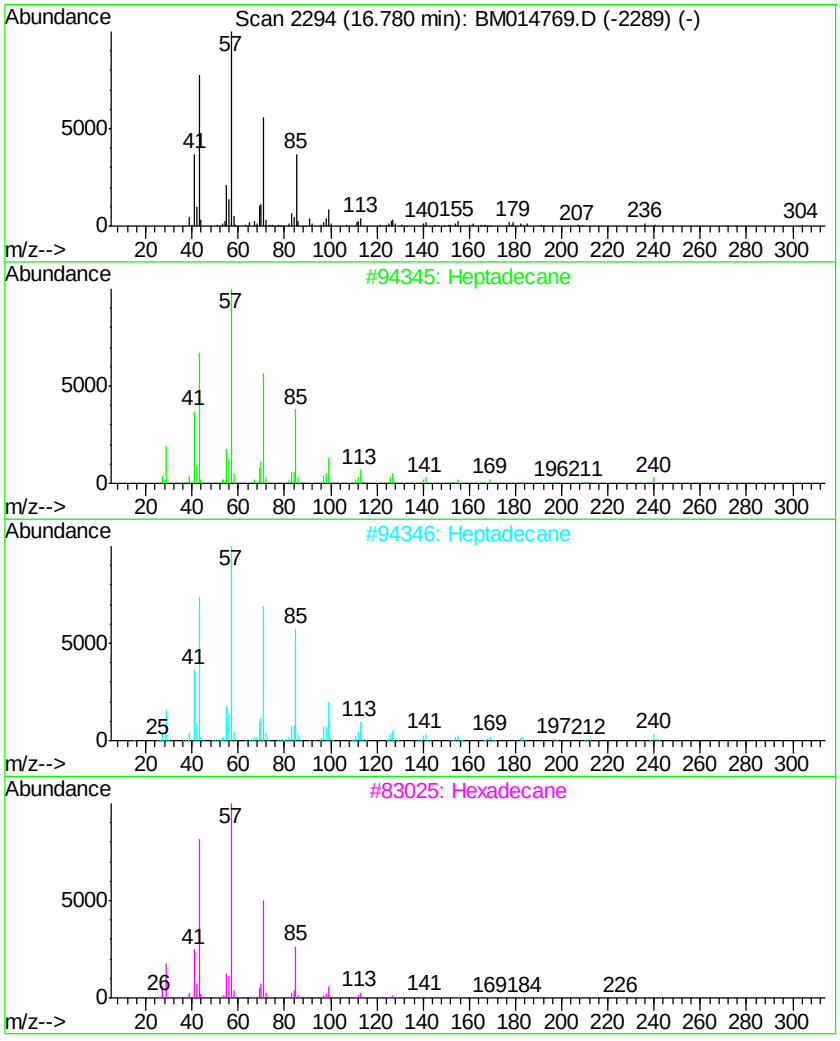
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

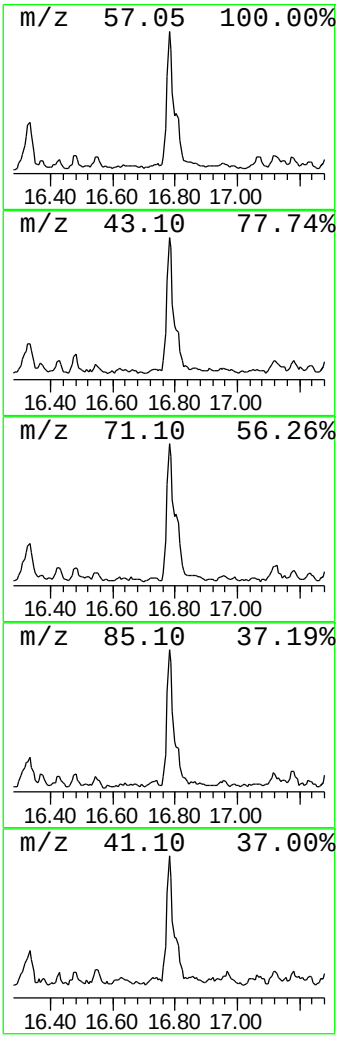
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	2.41 ng/ul	454200	Phenanthrene-d10	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heptadecane	240	C17H36	000629-78-7	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Hexadecane	226	C16H34	000544-76-3	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
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Sample : J2434-19
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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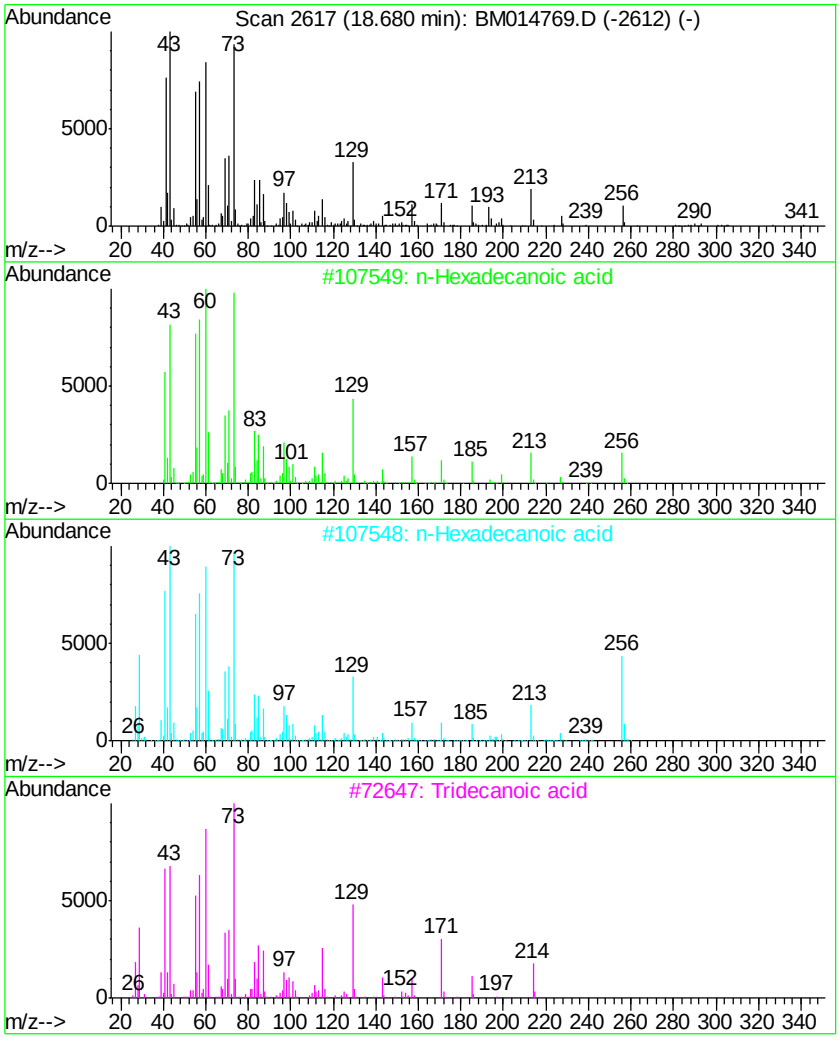
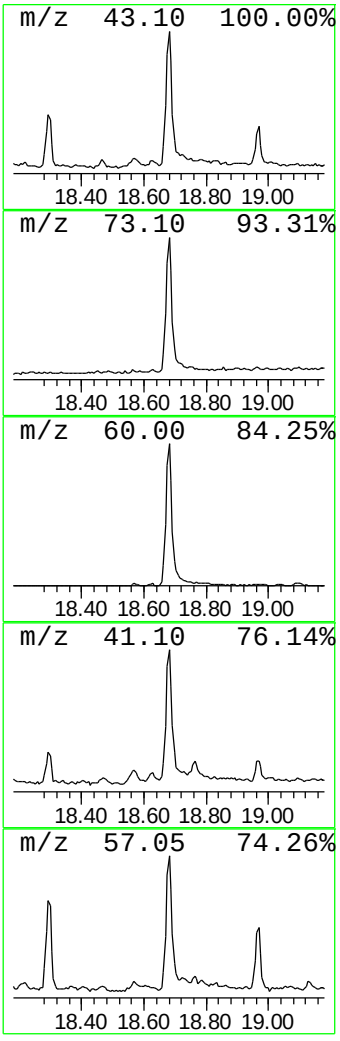
Peak Number 7 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	3.62 ng/ul	680071	Phenanthrene-d10	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





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Data File : BM014769.D
Acq On : 20 Apr 2018 18:42
Operator : SJ/JU
Sample : J2434-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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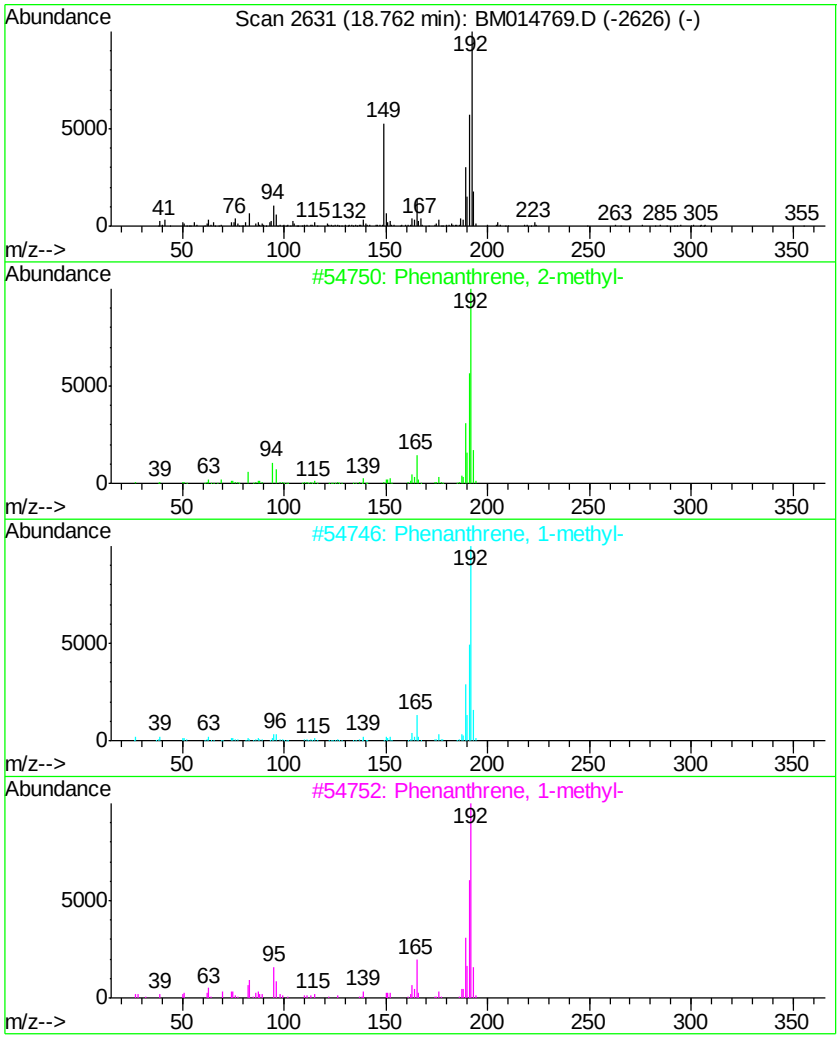
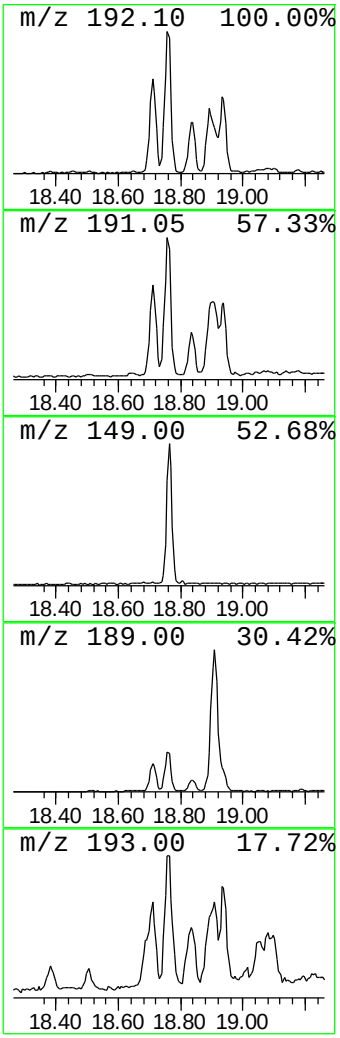
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	3.57 ng/ul	672160	Phenanthrene-d10	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Library Search Compound Report

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Sample : J2434-19
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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD4

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Quant Title : SVOA CALIBRATION

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

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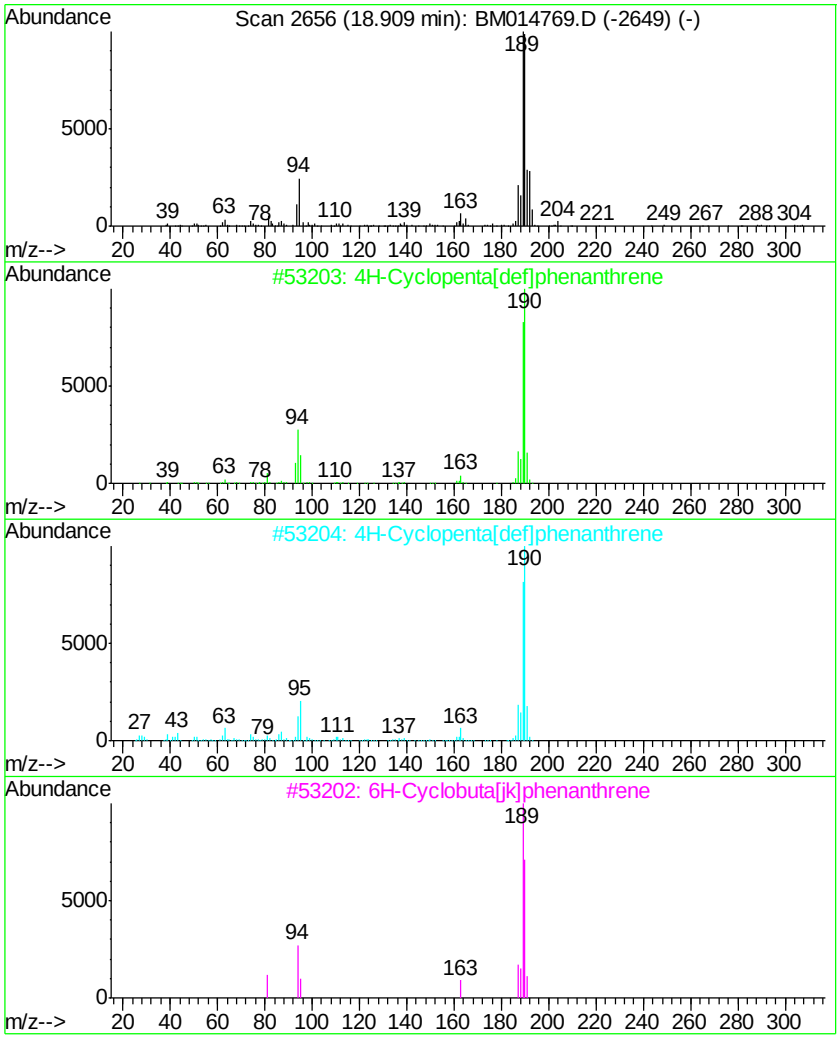
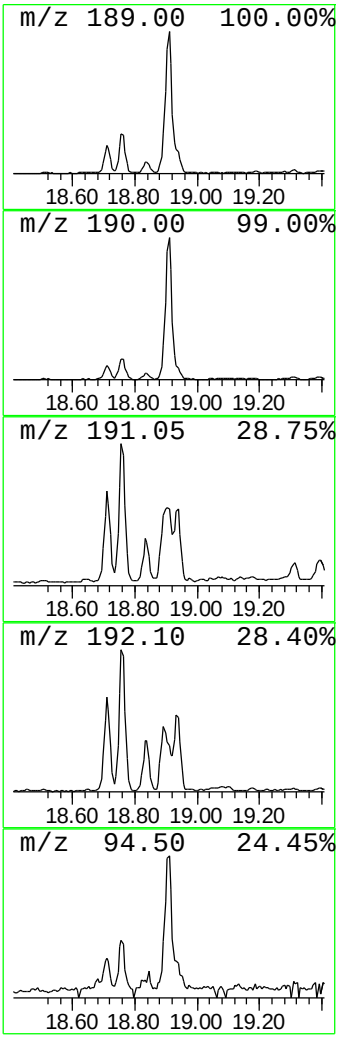
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	4.26 ng/ul	800880	Phenanthrene-d10	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





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Sample : J2434-19
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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD4

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Quant Title : SVOA CALIBRATION

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

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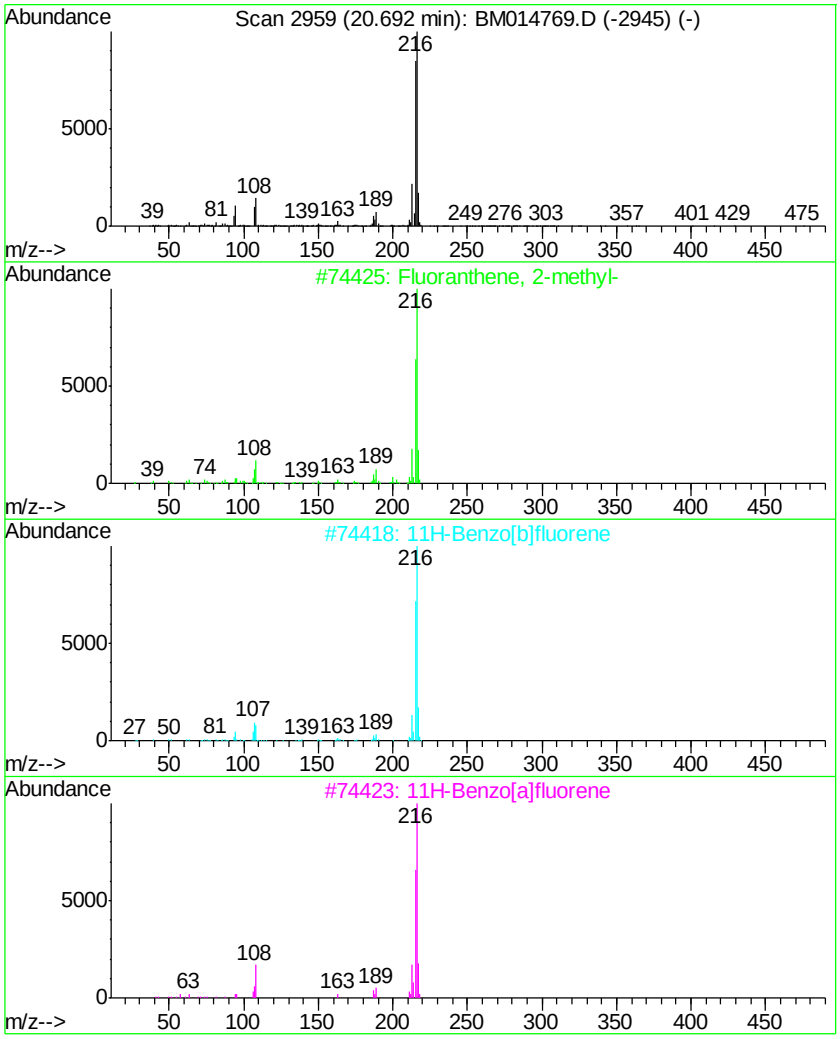
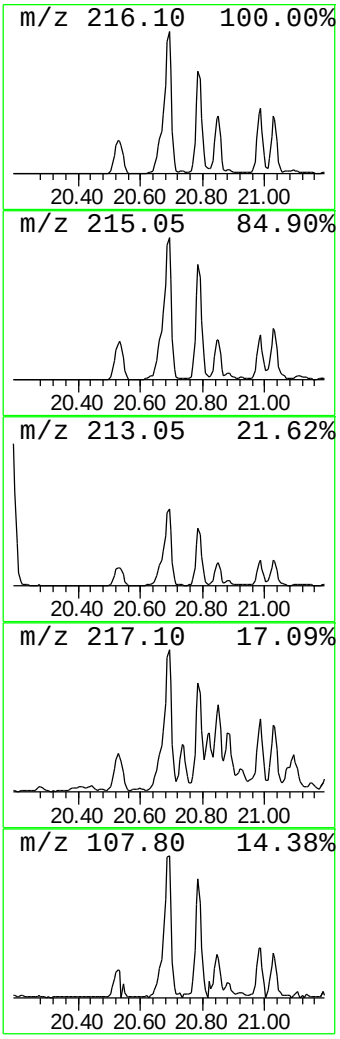
Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	5.22 ng/ul	4923390	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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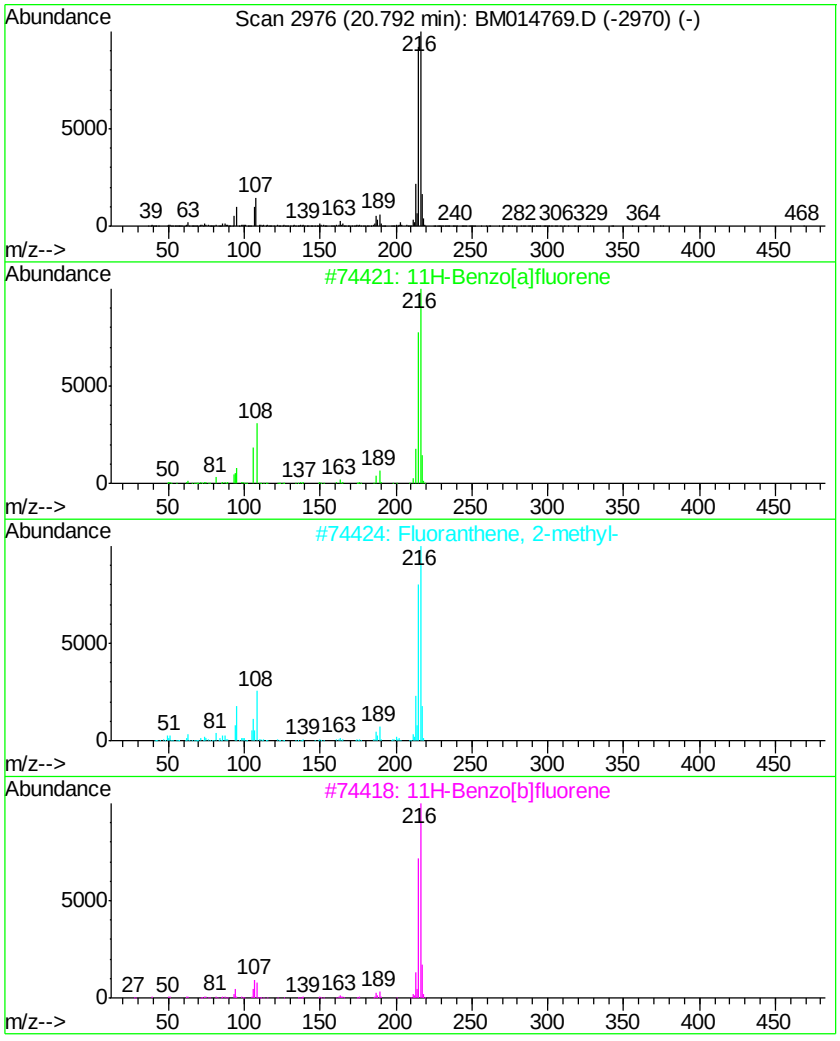
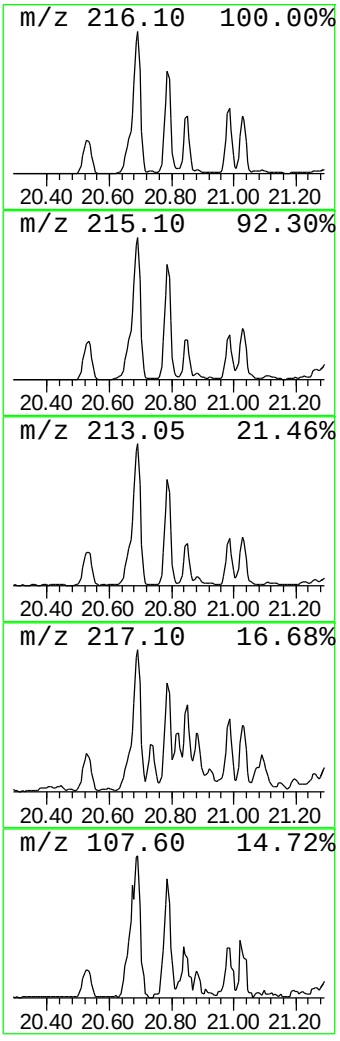
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	2.56 ng/ul	2411770	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD4

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Quant Title : SVOA CALIBRATION

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

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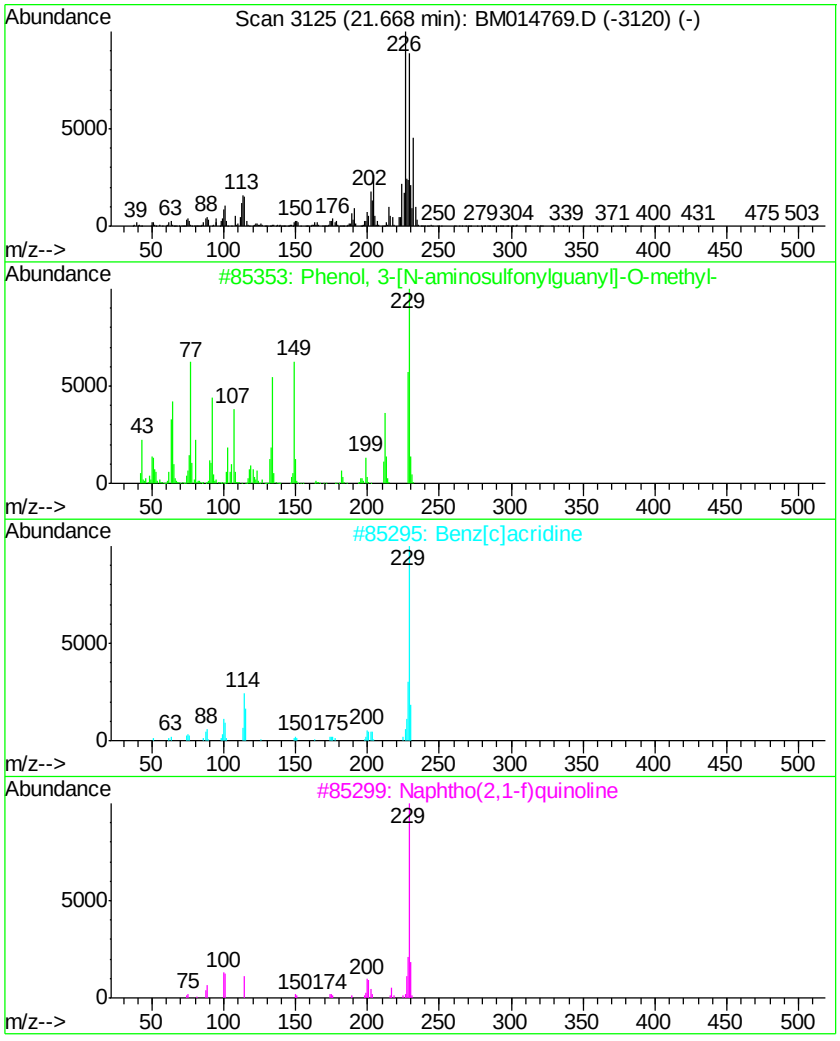
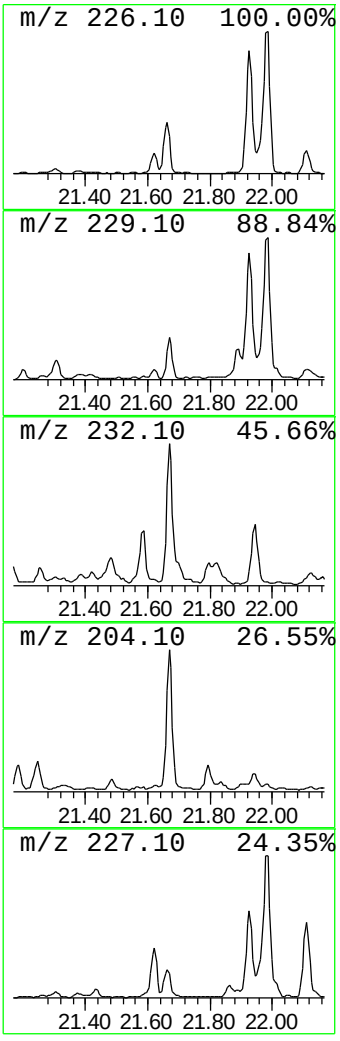
Peak Number 12 Phenol, 3-[N-aminosulfonylg... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	2.62 ng/ul	2472360	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-[N-aminosulfonylguanyl...	229	C8H11N3O3S	1000211-43-8	56
2	Benz[c]acridine	229	C17H11N	000225-51-4	42
3	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	35
4	Benzo(a)acridine	229	C17H11N	000225-11-6	27
5	Benzo(a)acridine	229	C17H11N	000225-11-6	25





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Instrument : BNA_M
ClientSampleId : C0AD4

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Quant Title : SVOA CALIBRATION

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

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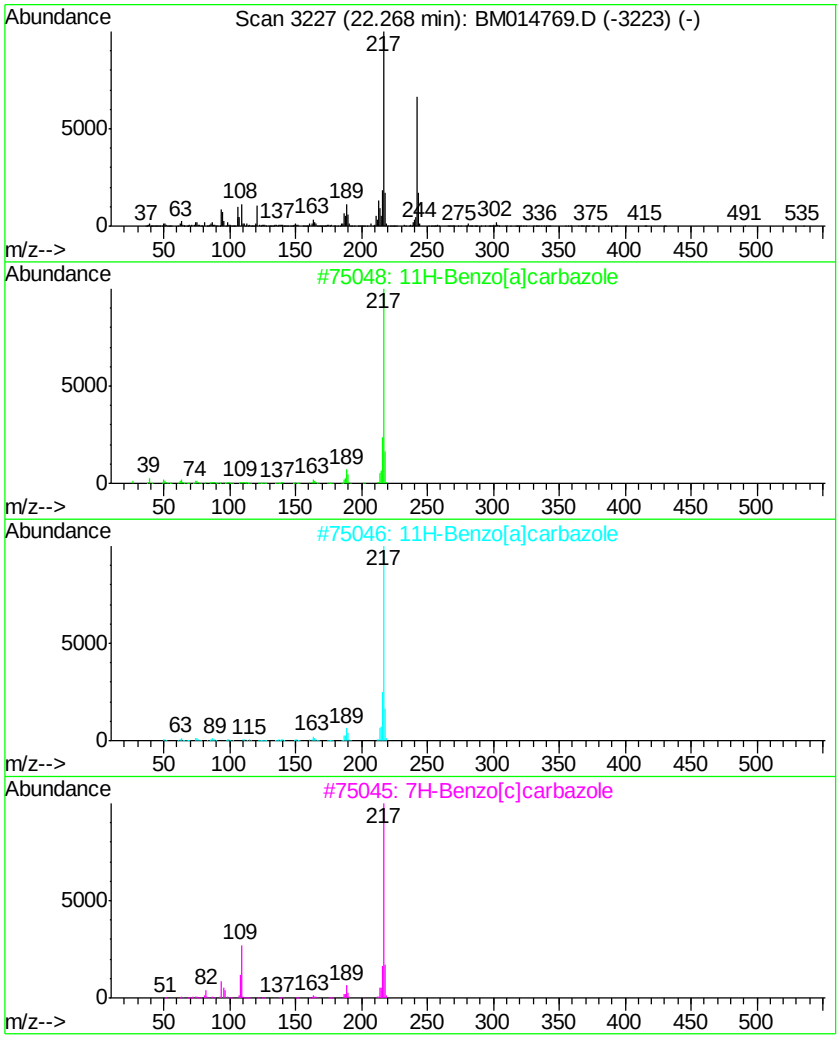
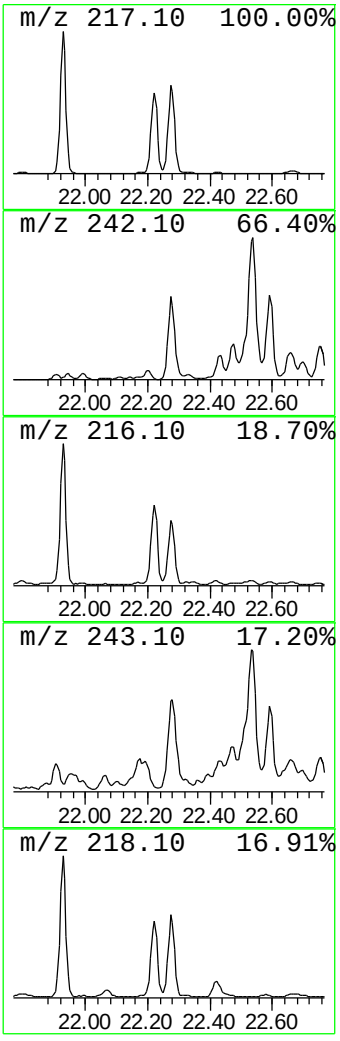
Peak Number 13 11H-Benzo[a]carbazole Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	3.54 ng/ul	3342110	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	78
2	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	64
3	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	64
4	Benzo(c)carbazole	217	C16H11N	034777-33-8	64
5	Benzo(b)carbazole	217	C16H11N	000243-28-7	64





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Instrument : BNA_M
ClientSampleId : C0AD4

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Quant Title : SVOA CALIBRATION

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

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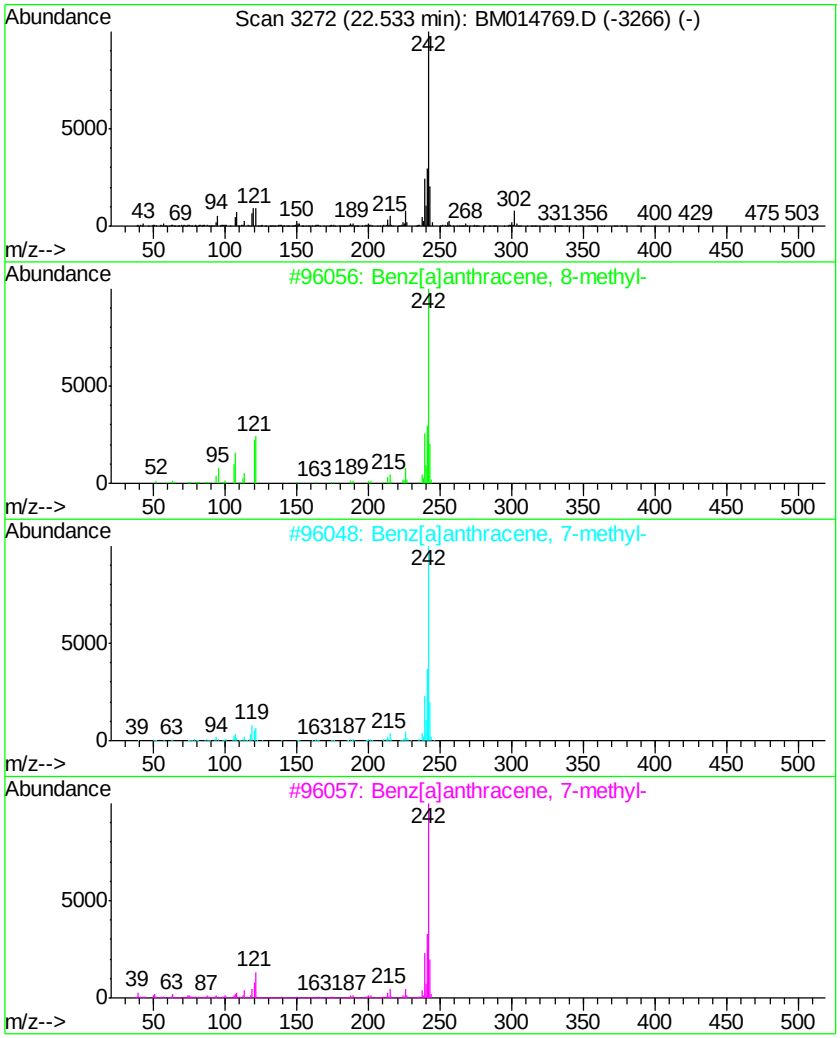
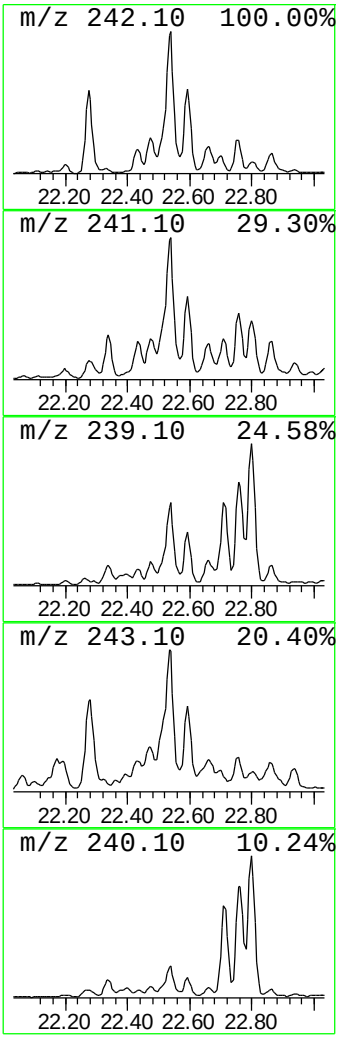
Peak Number 14 Benz[a]anthracene, 8-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	3.03 ng/ul	2855530	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	97
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	97
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	97
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	95
5	Benz[a]anthracene, 4-methyl-	242	C19H14	000316-49-4	95





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Operator : SJ/JU
Sample : J2434-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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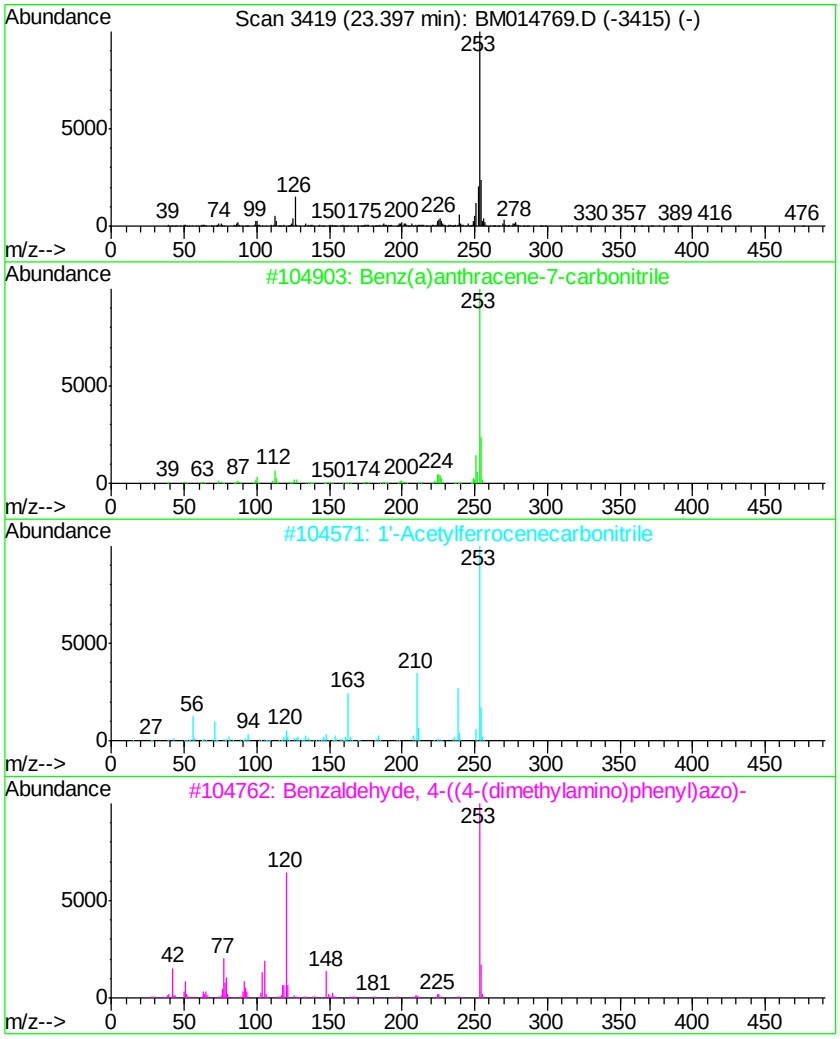
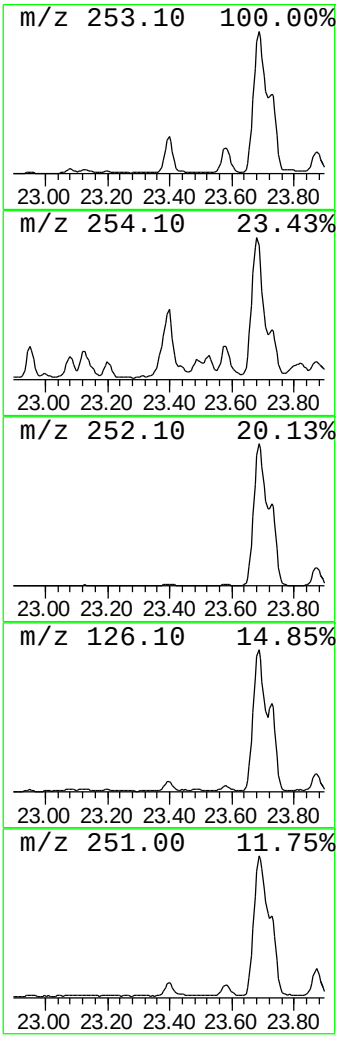
Peak Number 15 Benz(a)anthracene-7-carboni... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.40	5.45 ng/ul	973646	Perylene-d12	24.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	58
2	1'-Acetylferrocenecarbonitrile	253	C13H11FeNO	012276-85-6	53
3	Benzaldehyde, 4-((4-(dimethylami...	253	C15H15N3O	039208-00-9	47
4	Phthalic acid, di(3,4-dimethylph...	374	C24H22O4	1000309-82-6	47
5	Triamterene	253	C12H11N7	000396-01-0	42





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Sample : J2434-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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Peak Number 16 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	13.24 ng/ul	2364330	Perylene-d12	24.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
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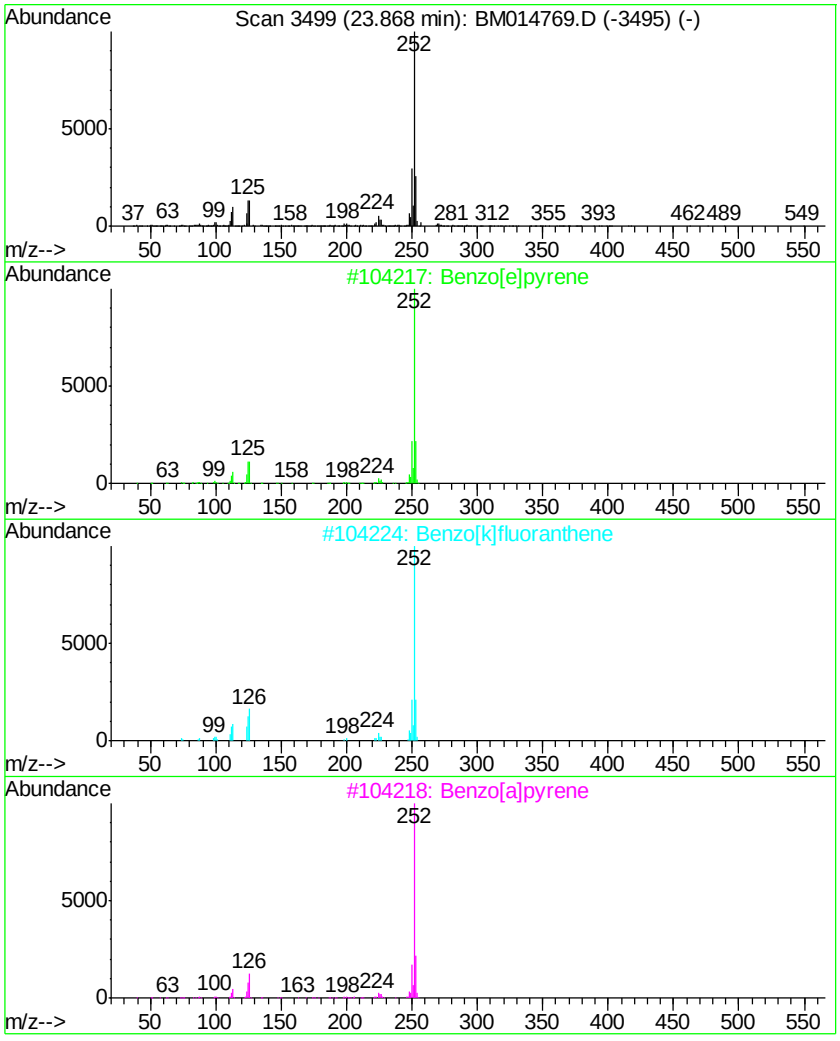

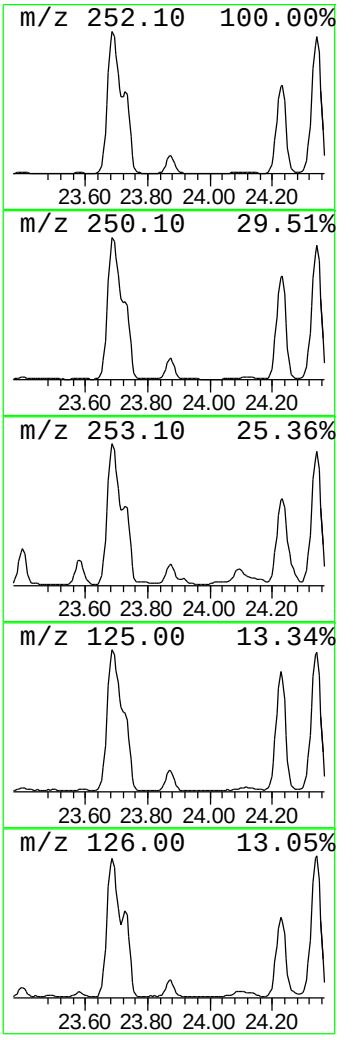

Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : C0AD4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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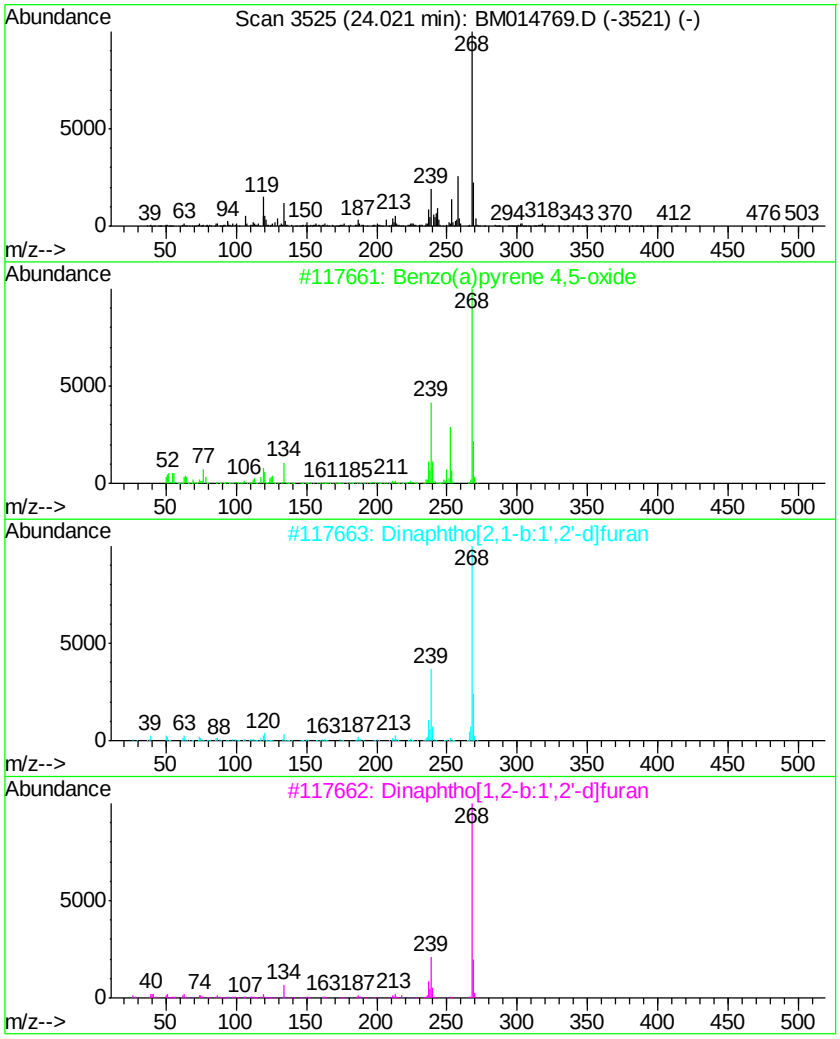
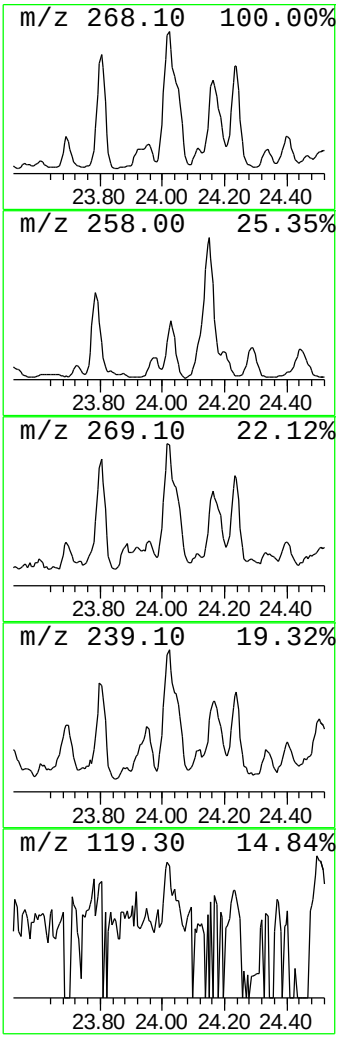
Peak Number 17 Benzo(a)pyrene 4,5-oxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	6.77 ng/ul	1208090	Perylene-d12	24.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	76
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	70
3	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	70
4	9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	59
5	10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	53





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_M
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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
3-Buten-2-one, 3-...	3.32	6.0	ng/ul	578275	1	8.55	1944800	20.0
Butane, 2-methoxy...	3.37	14.7	ng/ul	1428030	1	8.55	1944800	20.0
3-Buten-2-ol, 2-m...	3.42	2.9	ng/ul	286074	1	8.55	1944800	20.0
2H-Pyran, tetrahy...	4.26	6.3	ng/ul	607463	1	8.55	1944800	20.0
(DEL) Alkane: Str...	15.93	2.0	ng/ul	335956	3	15.15	3322760	20.0
(DEL) Alkane: Str...	16.78	2.4	ng/ul	454200	4	17.86	3761970	20.0
n-Hexadecanoic acid	18.68	3.6	ng/ul	680071	4	17.86	3761970	20.0
Phenanthrene, 2-m...	18.76	3.6	ng/ul	672160	4	17.86	3761970	20.0
4H-Cyclopenta[def...	18.91	4.3	ng/ul	800880	4	17.86	3761970	20.0
Fluoranthene, 2-m...	20.69	5.2	ng/ul	4923390	5	21.94	18861200	20.0
11H-Benzo[a]fluorene	20.79	2.6	ng/ul	2411770	5	21.94	18861200	20.0
Phenol, 3-[N-amin...	21.67	2.6	ng/ul	2472360	5	21.94	18861200	20.0
11H-Benzo[a]carba...	22.27	3.5	ng/ul	3342110	5	21.94	18861200	20.0
Benz[a]anthracene...	22.53	3.0	ng/ul	2855530	5	21.94	18861200	20.0
Benz(a)anthracene...	23.40	5.5	ng/ul	973646	6	24.44	3571210	20.0
Benzo[e]pyrene	23.87	13.2	ng/ul	2364330	6	24.44	3571210	20.0
Benzo(a)pyrene 4,...	24.02	6.8	ng/ul	1208090	6	24.44	3571210	20.0