LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014803.D
Acq On : 24 Apr 2018 07:28
Operator : SJ/JU
Sample : J2434-12DL 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7DL

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	3.363	8	13	19	rVV	441035	627575	5.68%	0.536%
2	3.416	19	22	29	rVB2	71418	113407	1.03%	0.097%
3	4.252	160	164	171	rVB	152033	222330	2.01%	0.190%
4	5.505	371	377	388	rVB2	71754	136401	1.24%	0.116%
5	7.646	734	741	752	rVB2	509399	996555	9.02%	0.851%
6	7.828	765	772	779	rBV	437488	711984	6.45%	0.608%
7	8.040	801	808	815	rBV	527039	893392	8.09%	0.763%
8	8.528	883	891	905	rVB	1401759	2360161	21.37%	2.015%
9	9.222	1002	1009	1018	rBV	509464	820418	7.43%	0.700%
10	9.704	1083	1091	1099	rBV	528812	893128	8.09%	0.762%
11	10.434	1208	1215	1225	rVB	384589	667673	6.05%	0.570%
12	10.975	1300	1307	1315	rBV	649590	1056749	9.57%	0.902%
13	11.369	1365	1374	1381	rBV	1948840	3348105	30.32%	2.858%
14	11.492	1388	1395	1411	rBV	500891	897013	8.12%	0.766%
15	14.516	1902	1909	1913	rBV	1077508	1491242	13.50%	1.273%
16	14.563	1913	1917	1922	rVB	280288	403589	3.65%	0.344%
17	14.827	1955	1962	1974	rBV	1266594	1903450	17.24%	1.625%
18	14.974	1983	1987	1993	rVB	87547	114484	1.04%	0.098%
19	15.127	2005	2013	2020	rBV2	2746163	4218033	38.20%	3.600%
20	15.186	2020	2023	2032	rVB	88724	131465	1.19%	0.112%
21	15.280	2032	2039	2048	rBV	227901	358441	3.25%	0.306%
22	15.916	2142	2147	2151	rVB	110088	149056	1.35%	0.127%
23	16.104	2173	2179	2185	rBV	1595826	2291653	20.75%	1.956%
24	16.204	2191	2196	2201	rVB	117948	162766	1.47%	0.139%
25	16.316	2206	2215	2226	rBV5	42400	118785	1.08%	0.101%
26	16.768	2287	2292	2307	rVB2	97126	198165	1.79%	0.169%
27	17.839	2464	2474	2478	rBV	3355687	4802544	43.49%	4.099%
28	17.880	2478	2481	2485	rVB	706897	889692	8.06%	0.759%
29	17.933	2485	2490	2495	rBV2	1614008	2290269	20.74%	1.955%
30	18.227	2534	2540	2545	rBV2	139160	222365	2.01%	0.190%
31	18.662	2609	2614	2617	rBV	252793	344483	3.12%	0.294%
32	18.698	2617	2620	2623	rVV	104135	135792	1.23%	0.116%
33	18.745	2623	2628	2633	rVB2	172575	265263	2.40%	0.226%
34	18.892	2646	2653	2656	rBV3	199880	359117	3.25%	0.307%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J2434-12DL 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7DL

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	19.580	2765	2770	2775	rBV3	56431	124760	1.13%	0.106%
36	19.845	2809	2815	2820	rVB	3467421	4495184	40.70%	3.837%
37	19.904	2821	2825	2828	rBV2	107694	143413	1.30%	0.122%
38	20.174	2864	2871	2873	rBV2	2335536	3710068	33.60%	3.167%
39	20.204	2873	2876	2882	rVV	3495091	4587241	41.54%	3.915%
40	20.262	2883	2886	2892	rVB	137675	178926	1.62%	0.153%
41	20.368	2900	2904	2910	rBV	198656	263144	2.38%	0.225%
42	20.433	2911	2915	2921	rBV	251430	341421	3.09%	0.291%
43	20.509	2923	2928	2933	rBV3	262612	548470	4.97%	0.468%
44	20.562	2934	2937	2941	rBV	128203	172703	1.56%	0.147%
45	20.674	2952	2956	2961	rVB	818934	1236370	11.20%	1.055%
46	20.774	2968	2973	2976	rBV	636365	856786	7.76%	0.731%
47	20.833	2980	2983	2986	rVV	343109	425837	3.86%	0.363%
48	20.868	2986	2989	2992	rVB	115093	137824	1.25%	0.118%
49	20.968	3003	3006	3010	rBV2	329702	456681	4.14%	0.390%
50	21.015	3010	3014	3020	rVV	337842	484423	4.39%	0.413%
51	21.574	3105	3109	3112	rBV2	529671	733944	6.65%	0.626%
52	21.603	3112	3114	3118	rVB	371433	383576	3.47%	0.327%
53	21.651	3118	3122	3126	rBV2	608718	905900	8.20%	0.773%
54	21.915	3161	3167	3172	rBV2	4954514	11043329	100.00%	9.426%
55	21.962	3172	3175	3193	rVB	3686143	6502813	58.88%	5.551%
56	22.092	3194	3197	3203	rVB	422531	575111	5.21%	0.491%
57	22.262	3221	3226	3230	rBV	795649	1424394	12.90%	1.216%
58	23.656	3457	3463	3469	rBV	3695954	9377888	84.92%	8.005%
59	23.850	3492	3496	3502	rVB	522089	871010	7.89%	0.743%
60	24.203	3549	3556	3561	rBV	2674323	5966771	54.03%	5.093%
61	24.309	3569	3574	3582	rVB	3740144	7617466	68.98%	6.502%
62	24.421	3587	3593	3598	rVV	2459465	5259441	47.63%	4.489%
63	24.474	3598	3602	3609	rVB2	1056031	2105655	19.07%	1.797%
64	26.997	4023	4031	4044	rVB	2078044	6478531	58.66%	5.530%
65	27.803	4160	4168	4180	rVB	1588251	5152274	46.66%	4.398%

Sum of corrected areas: 117156899

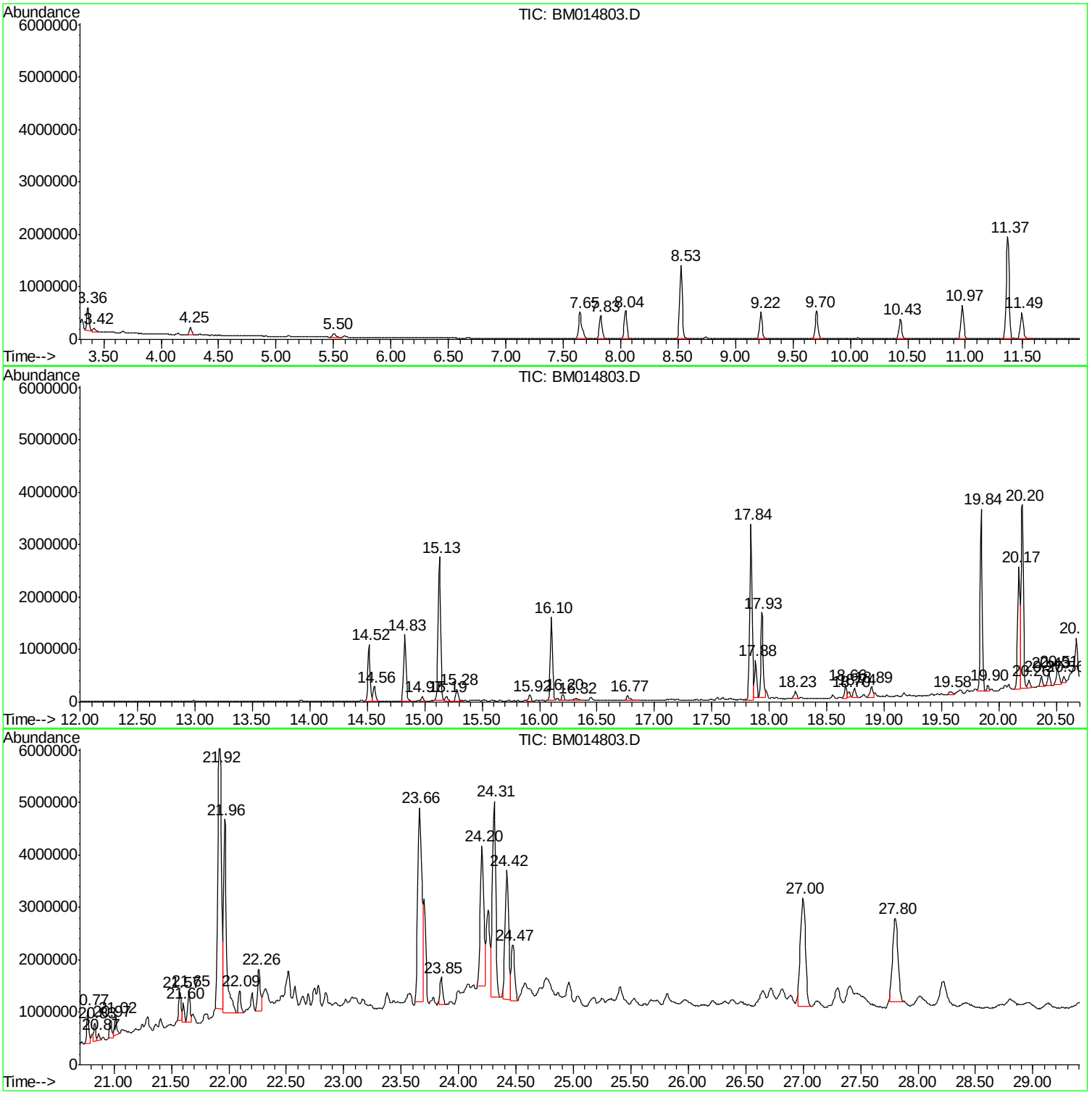
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014803.D
Acq On : 24 Apr 2018 07:28
Operator : SJ/JU
Sample : J2434-12DL 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC7DL

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\BM042318\
Data File : BM014803.D
Acq On : 24 Apr 2018 07:28
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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

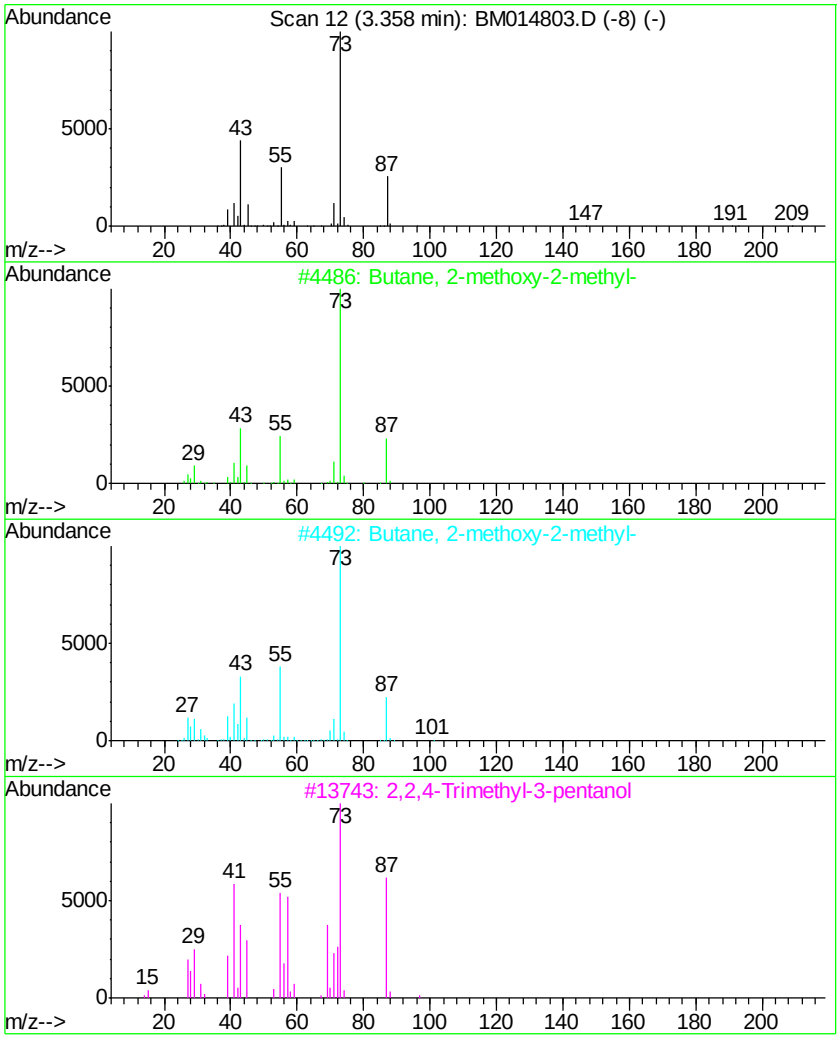
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

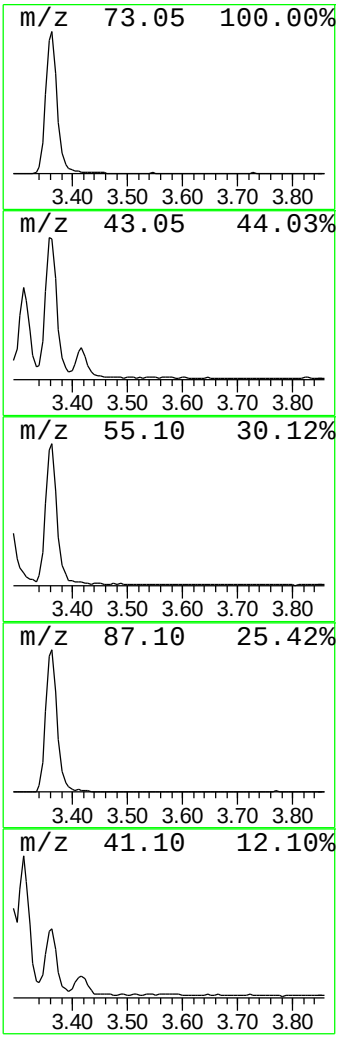
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.36	5.32 ng/ul	627575	1,4-Dichlorobenzene-d4	8.53

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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014803.D
Acq On : 24 Apr 2018 07:28
Operator : SJ/JU
Sample : J2434-12DL 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7DL

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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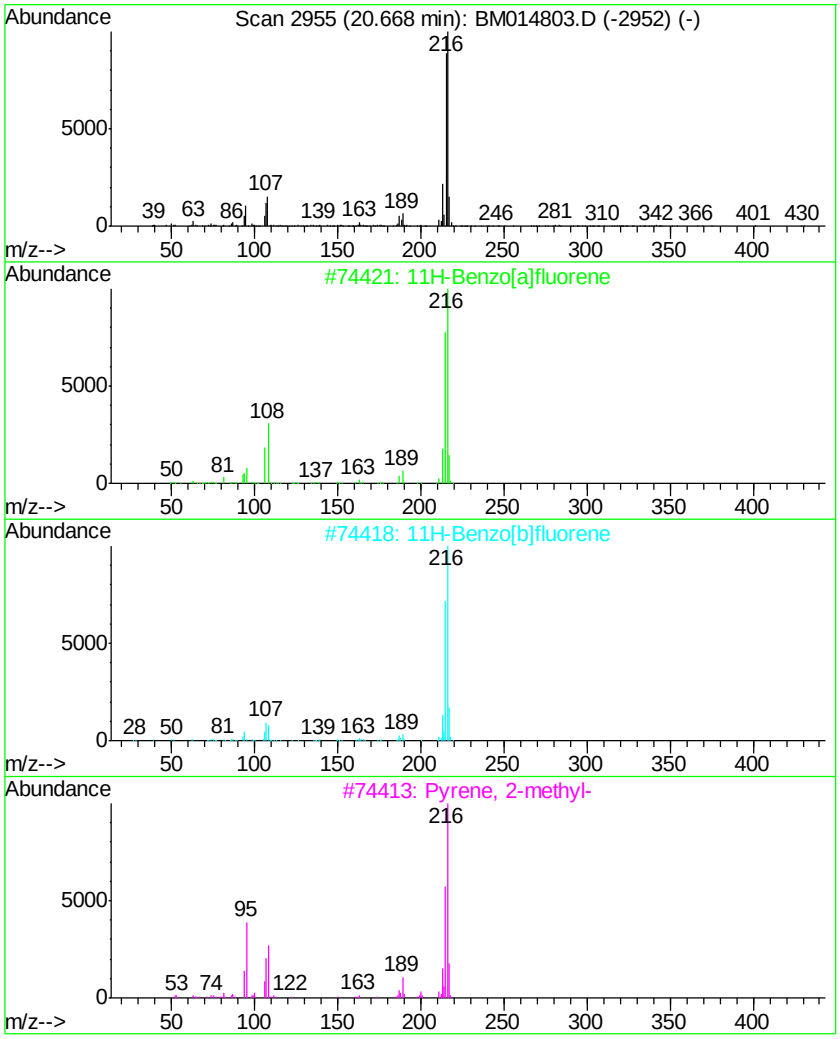
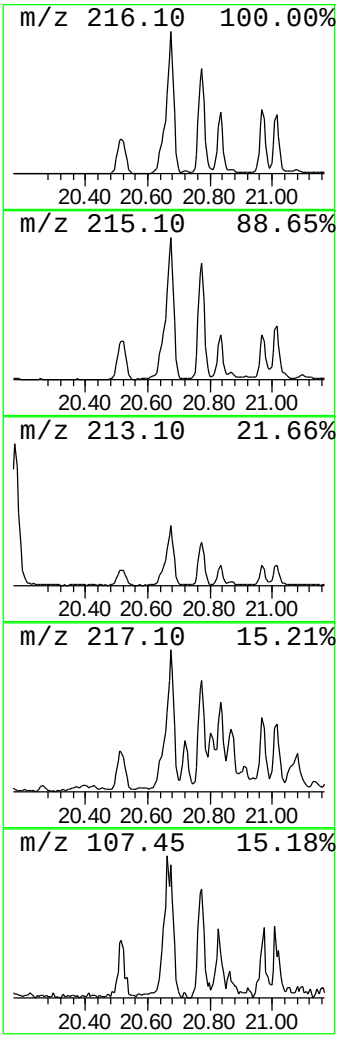
Peak Number 2 11H-Benzo[a]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	2.24 ng/ul	1236370	Chrysene-d12	21.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014803.D
Acq On : 24 Apr 2018 07:28
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Sample : J2434-12DL 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7DL

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

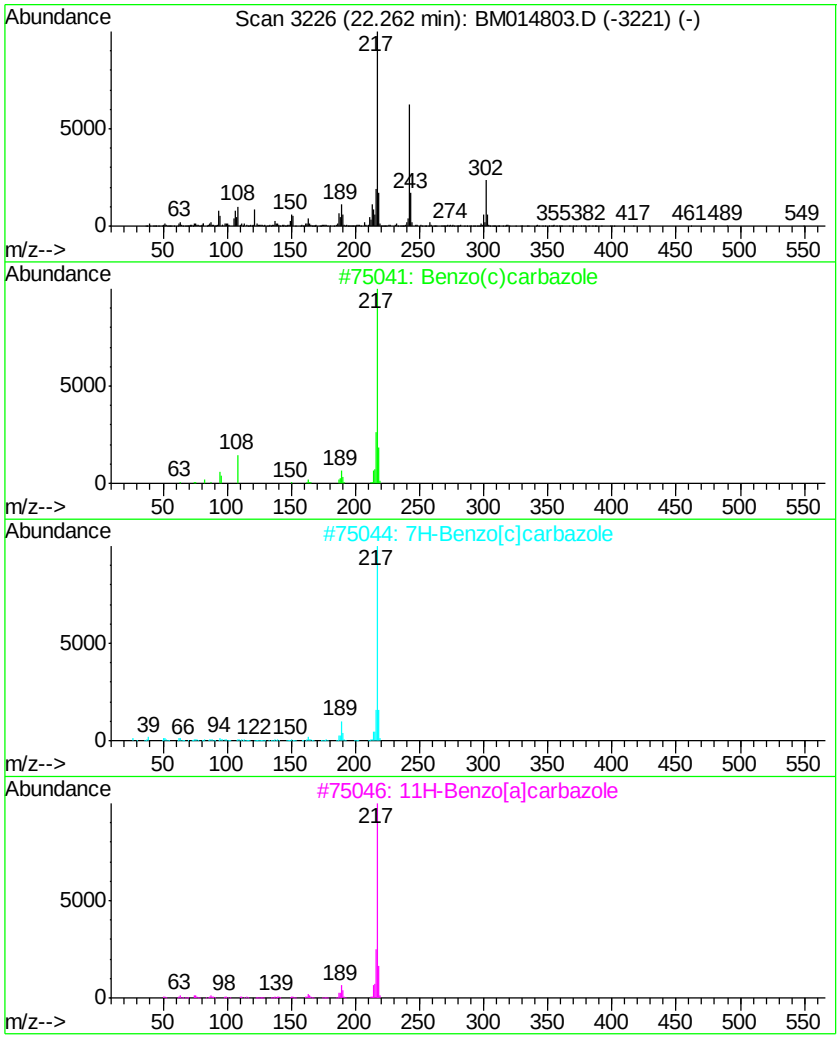
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

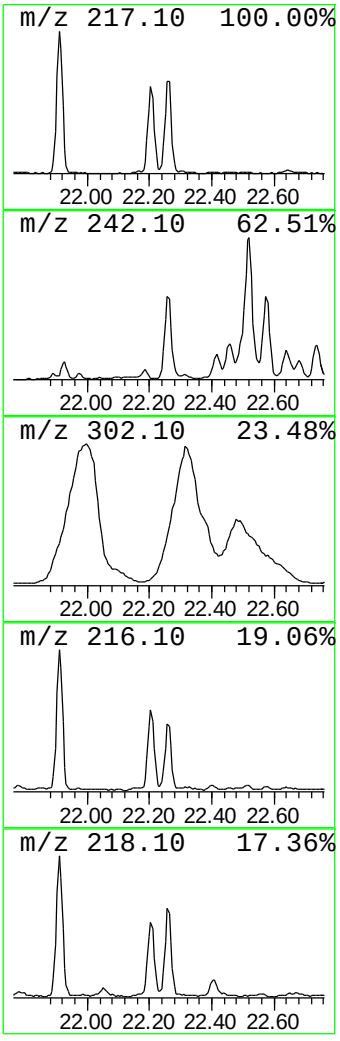
****

Peak Number 3 Benzo(c)carbazole Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	2.58 ng/ul	1424390	Chrysene-d12	21.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(c)carbazole	217	C16H11N	034777-33-8	55
2	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	55
3	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	55
4	Benzo(b)carbazole	217	C16H11N	000243-28-7	55
5	1-Aminopyrene	217	C16H11N	001606-67-3	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014803.D
Acq On : 24 Apr 2018 07:28
Operator : SJ/JU
Sample : J2434-12DL 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7DL

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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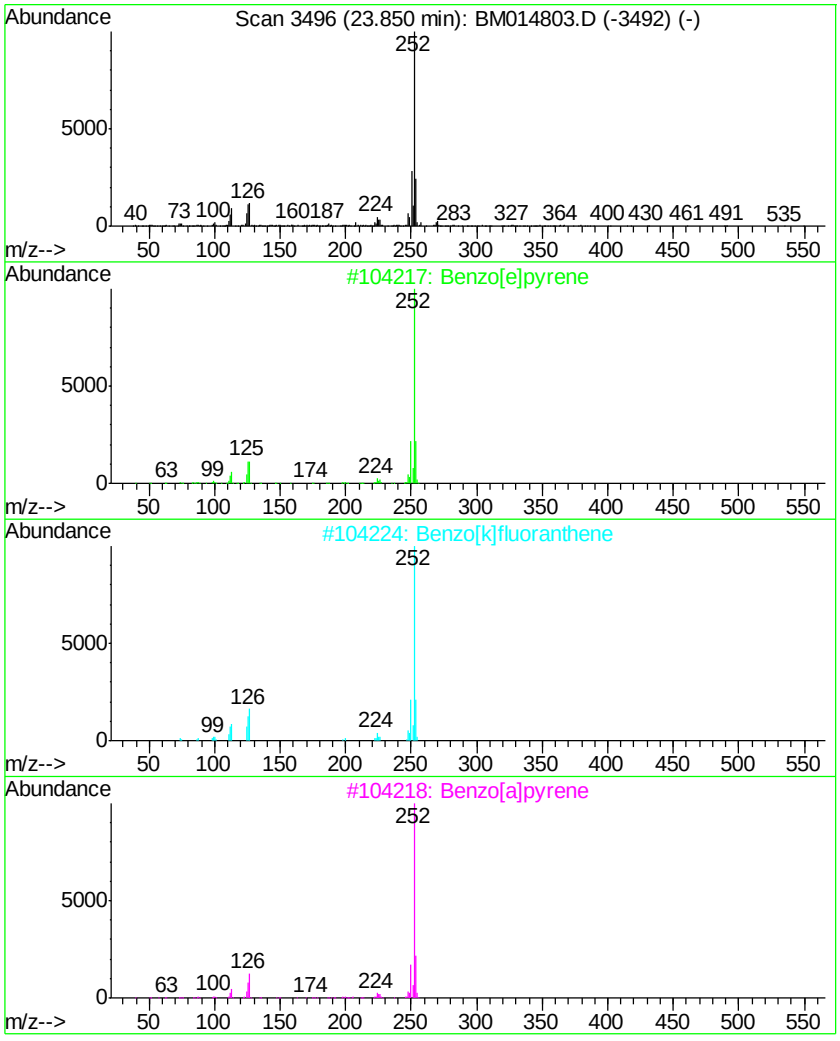
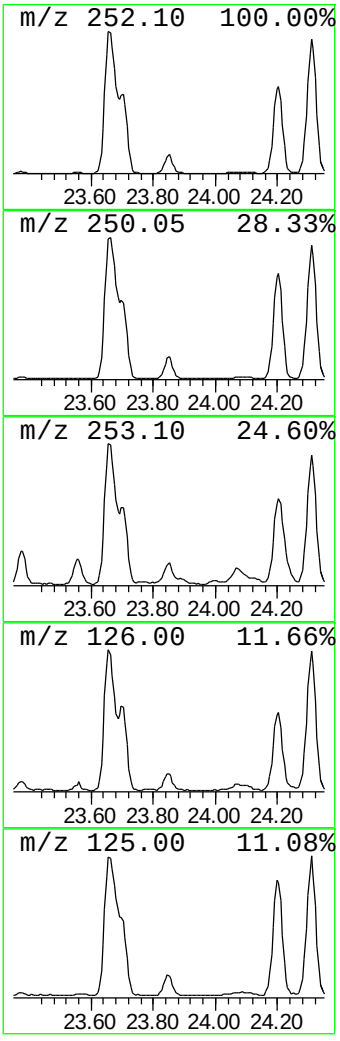
Peak Number 4 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	3.31 ng/ul	871010	Perylene-d12	24.42

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	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	93





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Sample : J2434-12DL 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7DL

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

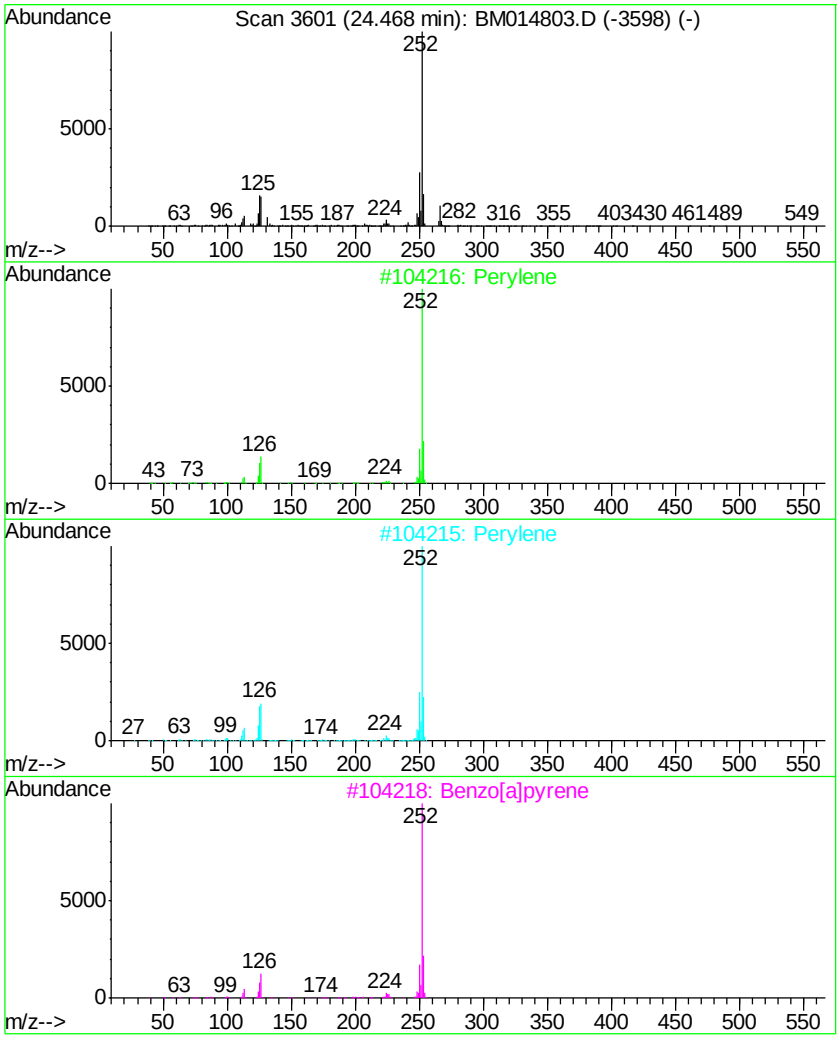
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

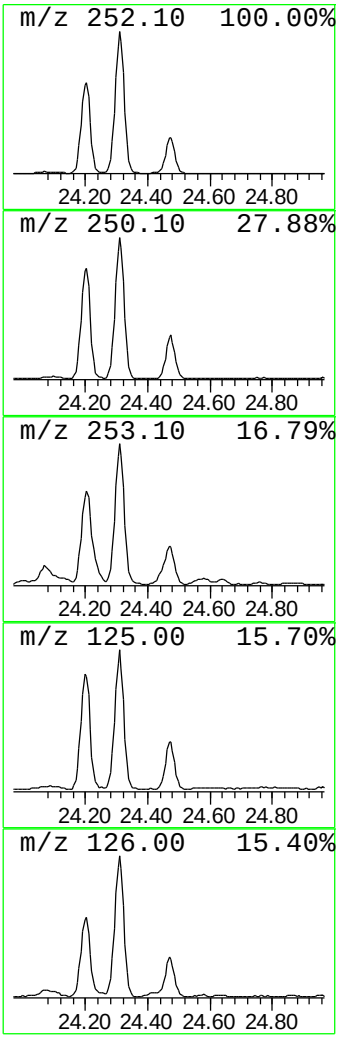
****

Peak Number 6 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.47	8.01 ng/ul	2105660	Perylene-d12	24.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	92
2	Perylene	252	C20H12	000198-55-0	89
3	Benzo[a]pyrene	252	C20H12	000050-32-8	76
4	Benzo[e]pyrene	252	C20H12	000192-97-2	70
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014803.D
Acq On : 24 Apr 2018 07:28
Operator : SJ/JU
Sample : J2434-12DL 2X
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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.36	5.3	ng/ul	627575	1	8.53	2360160	20.0
11H-Benzo[a]fluorene	20.67	2.2	ng/ul	1236370	5	21.93	11043300	20.0
Benzo(c)carbazole	22.26	2.6	ng/ul	1424390	5	21.93	11043300	20.0
Benzo[e]pyrene	23.85	3.3	ng/ul	871010	6	24.42	5259440	20.0
Perylene	24.47	8.0	ng/ul	2105660	6	24.42	5259440	20.0