LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014802.D
Acq On : 24 Apr 2018 06:52
Operator : SJ/JU
Sample : J2434-11DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6DL

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	9	13	19	rVB	436189	607319	5.40%	0.516%
2	3.416	19	22	30	rVB	80121	119795	1.06%	0.102%
3	4.257	160	165	174	rVB	188641	272072	2.42%	0.231%
4	7.645	734	741	756	rVB2	484500	959935	8.53%	0.815%
5	7.828	765	772	779	rBV	398924	636123	5.65%	0.540%
6	8.045	802	809	815	rBV	497339	828172	7.36%	0.703%
7	8.528	883	891	903	rVB	1415281	2362081	20.99%	2.006%
8	9.222	1003	1009	1018	rBV	477244	778464	6.92%	0.661%
9	9.704	1084	1091	1099	rBV	456987	791501	7.04%	0.672%
10	10.433	1208	1215	1226	rVB	349327	598870	5.32%	0.509%
11	10.975	1301	1307	1314	rBV	575079	956077	8.50%	0.812%
12	11.369	1367	1374	1381	rBV	1940671	3328247	29.58%	2.826%
13	11.492	1388	1395	1412	rBV	424417	783434	6.96%	0.665%
14	14.515	1902	1909	1913	rBV	972108	1335209	11.87%	1.134%
15	14.563	1913	1917	1923	rVB	291521	402401	3.58%	0.342%
16	14.827	1956	1962	1972	rBV	1143289	1717118	15.26%	1.458%
17	14.980	1983	1988	1992	rVB	89479	121311	1.08%	0.103%
18	15.127	1996	2013	2020	rBV2	2669644	4154611	36.93%	3.528%
19	15.186	2020	2023	2031	rVB	97162	144366	1.28%	0.123%
20	15.280	2031	2039	2048	rBV	281409	417311	3.71%	0.354%
21	15.915	2142	2147	2151	rVB	102002	133311	1.18%	0.113%
22	16.104	2172	2179	2185	rBV	1404607	2048462	18.21%	1.739%
23	16.204	2191	2196	2201	rVB	144724	203294	1.81%	0.173%
24	16.315	2206	2215	2227	rBV5	41811	114180	1.01%	0.097%
25	16.445	2233	2237	2243	rVB	190889	257194	2.29%	0.218%
26	17.839	2467	2474	2478	rBV	3168183	4589247	40.79%	3.897%
27	17.880	2478	2481	2485	rVB	848340	1084864	9.64%	0.921%
28	17.933	2485	2490	2495	rBV2	1404697	2034300	18.08%	1.727%
29	18.227	2533	2540	2545	rBV2	167542	274022	2.44%	0.233%
30	18.662	2610	2614	2617	rBV	249192	342173	3.04%	0.291%
31	18.692	2617	2619	2623	rVB2	113308	136333	1.21%	0.116%
32	18.745	2623	2628	2634	rVB2	204417	315574	2.80%	0.268%
33	18.892	2646	2653	2656	rBV3	230655	426002	3.79%	0.362%
34	19.174	2696	2701	2705	rBV	94065	134553	1.20%	0.114%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014802.D
Acq On : 24 Apr 2018 06:52
Operator : SJ/JU
Sample : J2434-11DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6DL

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	rBV2	81626	173873	1.55%	0.148%
36	19.845	2809	2815	2820	rVB	3633765	4800703	42.67%	4.077%
37	20.174	2864	2871	2873	rBV2	2159112	3539691	31.46%	3.006%
38	20.203	2873	2876	2882	rVV	3759662	4867007	43.26%	4.133%
39	20.262	2882	2886	2889	rVB	150187	192032	1.71%	0.163%
40	20.368	2900	2904	2909	rVB2	227535	302302	2.69%	0.257%
41	20.433	2911	2915	2920	rVV	259797	345916	3.07%	0.294%
42	20.509	2923	2928	2934	rVV4	282632	596379	5.30%	0.506%
43	20.562	2934	2937	2941	rVB	118727	154091	1.37%	0.131%
44	20.674	2952	2956	2961	rVB	839207	1229965	10.93%	1.044%
45	20.774	2968	2973	2976	rBV	670592	918122	8.16%	0.780%
46	20.833	2980	2983	2986	rVV	414743	510632	4.54%	0.434%
47	20.868	2986	2989	2992	rVB	122199	146625	1.30%	0.125%
48	20.968	3002	3006	3010	rBV2	391981	567688	5.05%	0.482%
49	21.015	3010	3014	3020	rVB	360723	538132	4.78%	0.457%
50	21.403	3077	3080	3085	rVB	213285	288276	2.56%	0.245%
51	21.574	3105	3109	3112	rBV2	566343	790918	7.03%	0.672%
52	21.603	3112	3114	3118	rVB	410441	420618	3.74%	0.357%
53	21.650	3118	3122	3126	rBV2	601237	905203	8.05%	0.769%
54	21.915	3161	3167	3172	rBV2	4994156	11250777	100.00%	9.554%
55	21.962	3172	3175	3180	rVB	3485225	4765235	42.35%	4.046%
56	22.091	3194	3197	3205	rBV	418228	569198	5.06%	0.483%
57	22.262	3221	3226	3230	rBV	837283	1443136	12.83%	1.225%
58	23.662	3457	3464	3469	rBV	3876466	9733117	86.51%	8.265%
59	23.850	3492	3496	3502	rVB	557837	897147	7.97%	0.762%
60	24.203	3549	3556	3561	rBV	2750596	6397755	56.87%	5.433%
61	24.309	3569	3574	3583	rVB	3826140	8000928	71.11%	6.794%
62	24.421	3587	3593	3598	rVV	2380499	5076484	45.12%	4.311%
63	24.474	3598	3602	3609	rVB2	1039258	2108682	18.74%	1.791%
64	26.997	4023	4031	4042	rVB	2161531	6806438	60.50%	5.780%
65	27.803	4160	4168	4188	rVB	1718378	6019964	53.51%	5.112%

Sum of corrected areas: 117764960

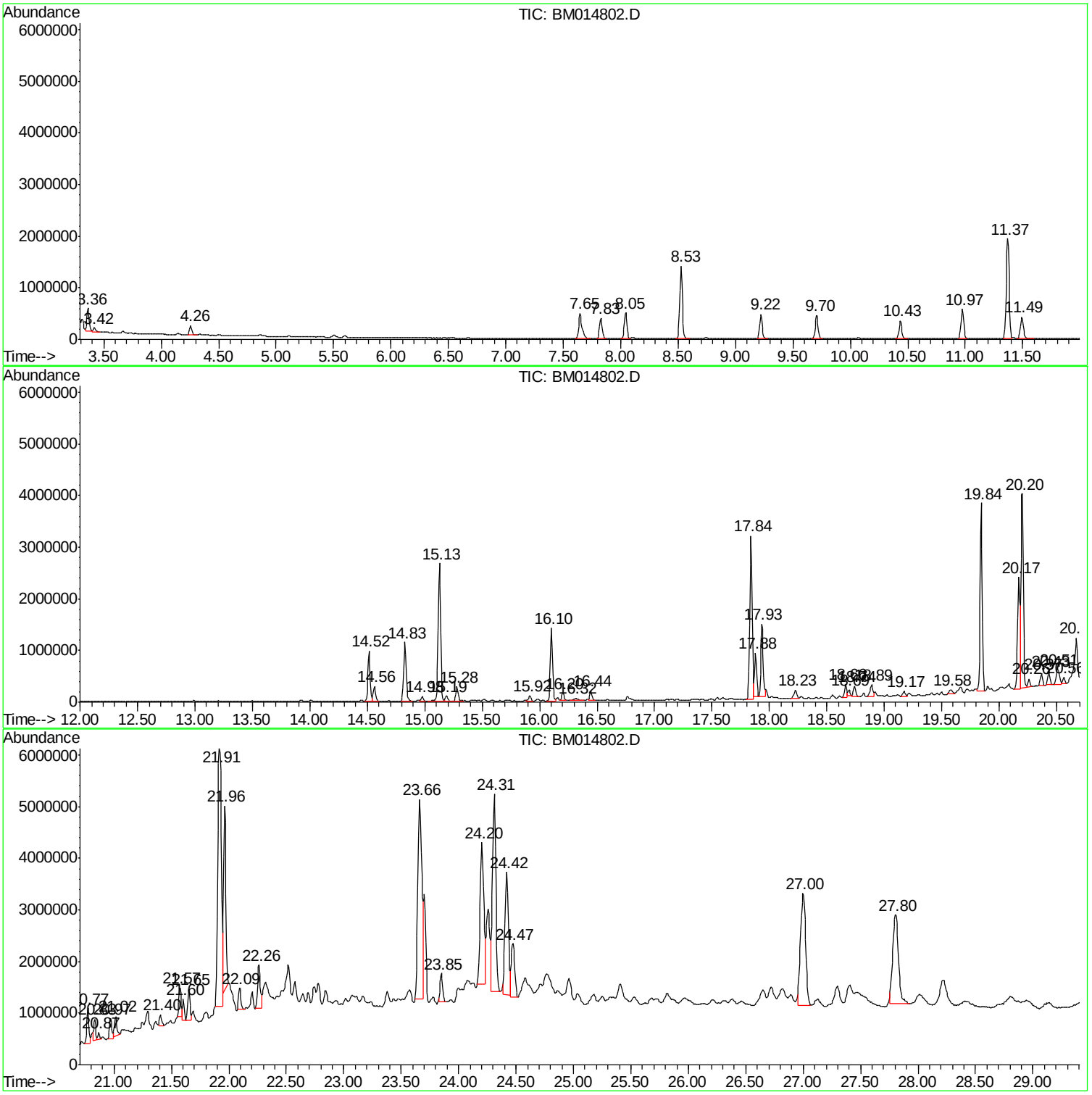
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014802.D
Acq On : 24 Apr 2018 06:52
Operator : SJ/JU
Sample : J2434-11DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6DL

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014802.D
Acq On : 24 Apr 2018 06:52
Operator : SJ/JU
Sample : J2434-11DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6DL

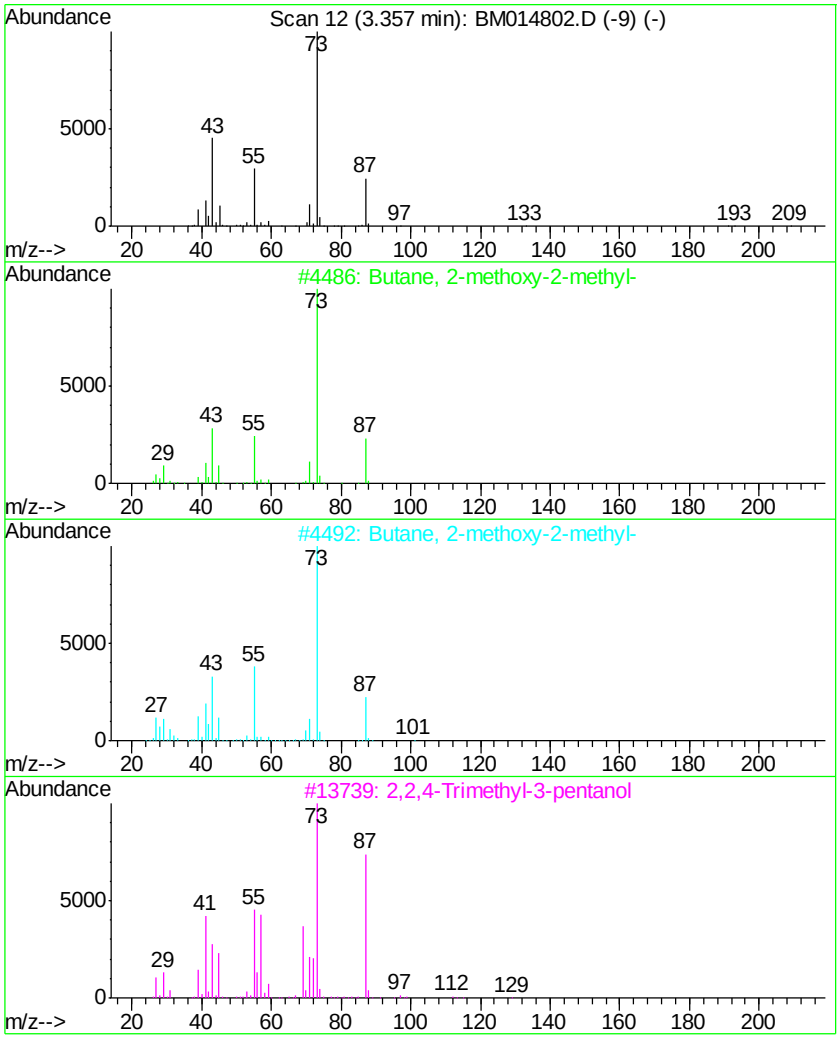
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

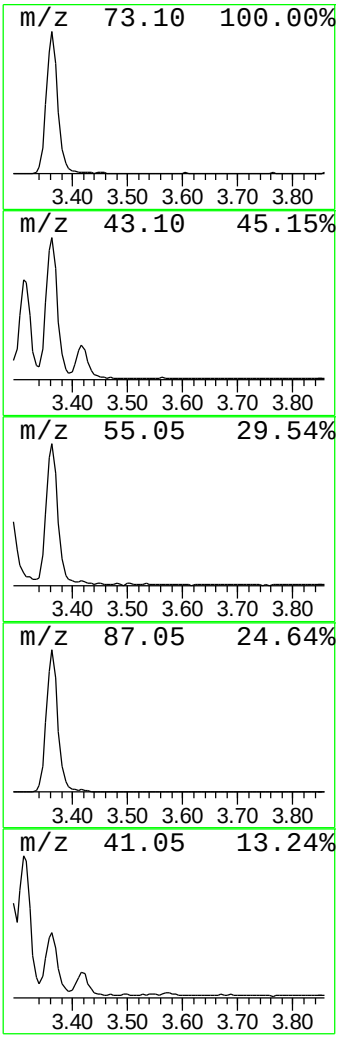
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.36	5.14 ng/ul	607319	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014802.D
Acq On : 24 Apr 2018 06:52
Operator : SJ/JU
Sample : J2434-11DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6DL

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

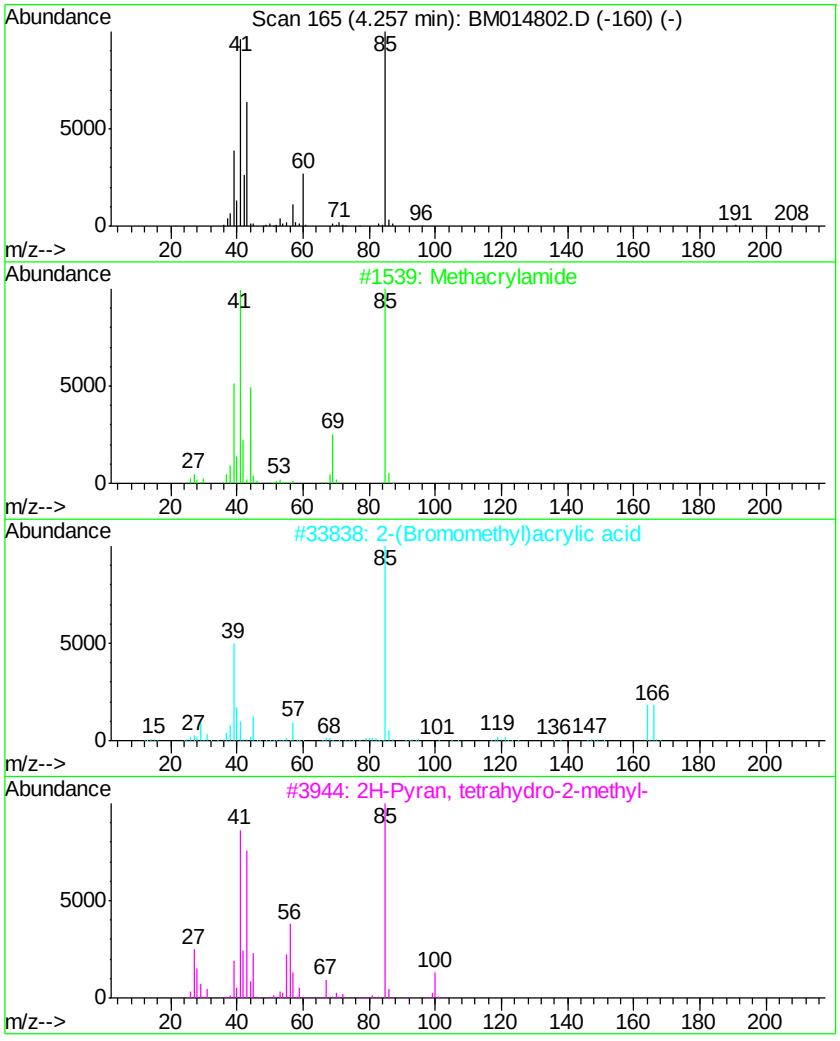
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

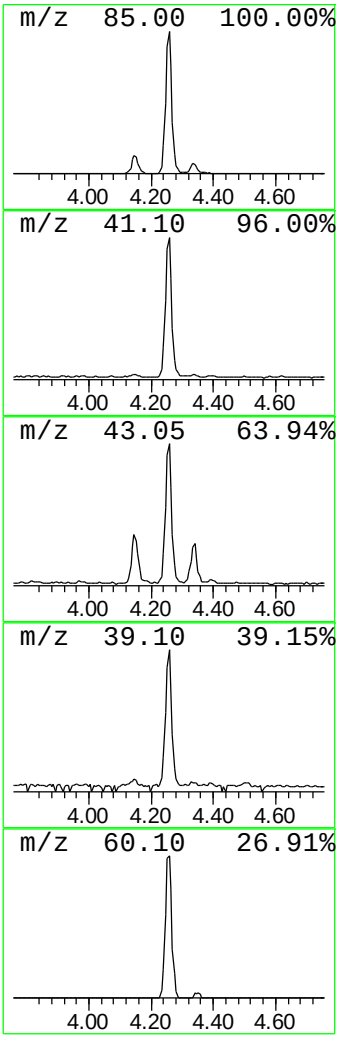
****

Peak Number 2 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	2.30 ng/ul	272072	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	45
2	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	33
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	28
4	3-Butenoic acid	86	C4H6O2	000625-38-7	27
5	Methacrolein	70	C4H6O	000078-85-3	18





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014802.D
Acq On : 24 Apr 2018 06:52
Operator : SJ/JU
Sample : J2434-11DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6DL

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

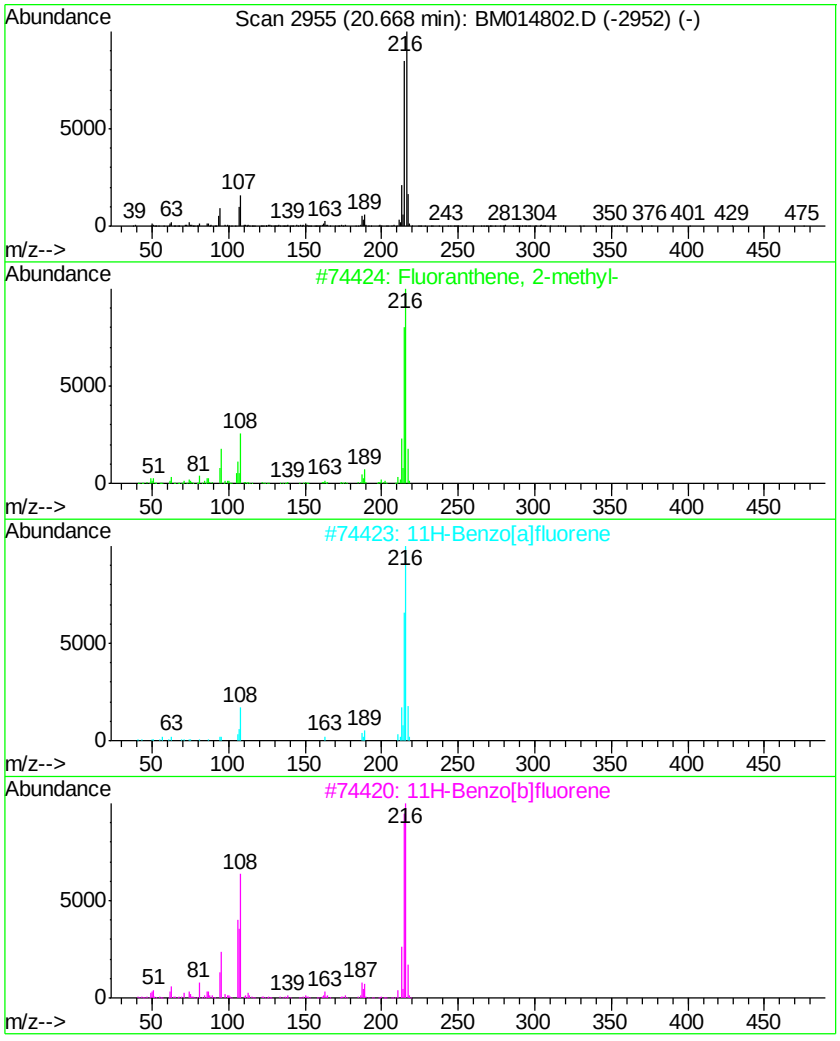
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

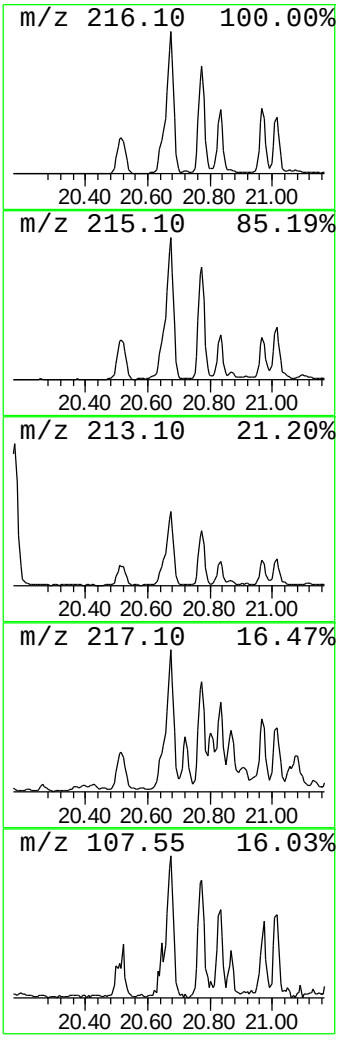
****

Peak Number 3 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	2.19 ng/ul	1229970	Chrysene-d12	21.93

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





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014802.D
Acq On : 24 Apr 2018 06:52
Operator : SJ/JU
Sample : J2434-11DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6DL

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

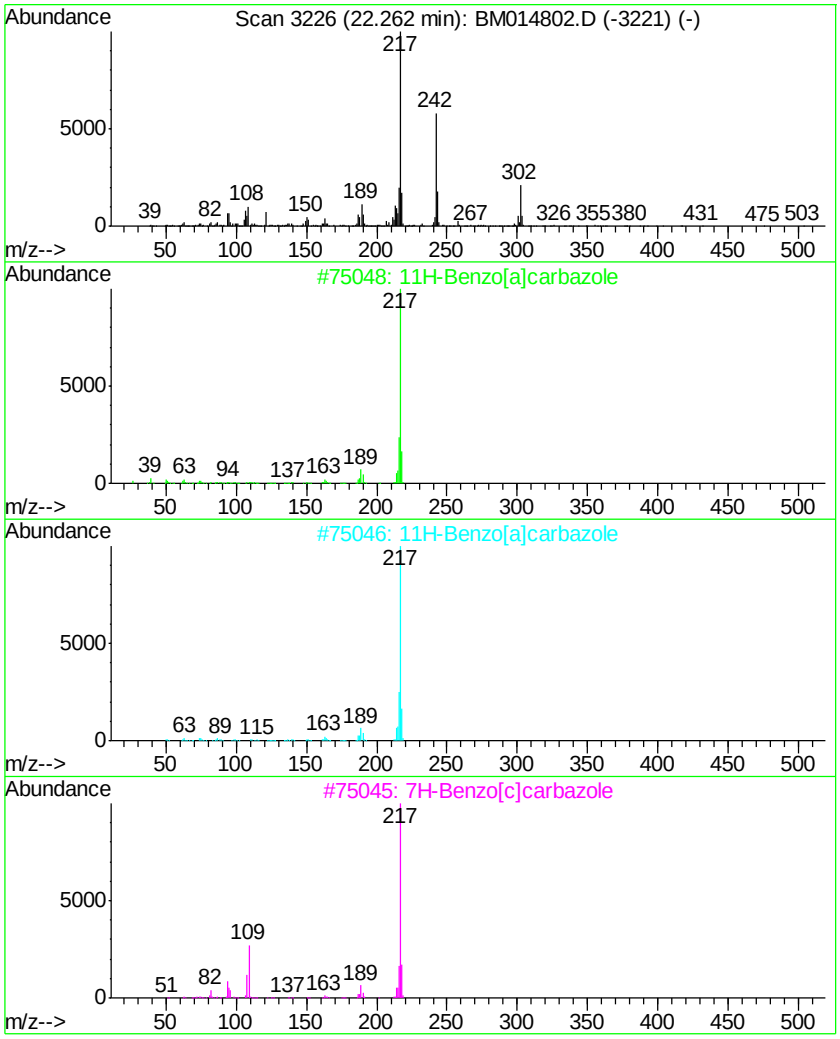
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

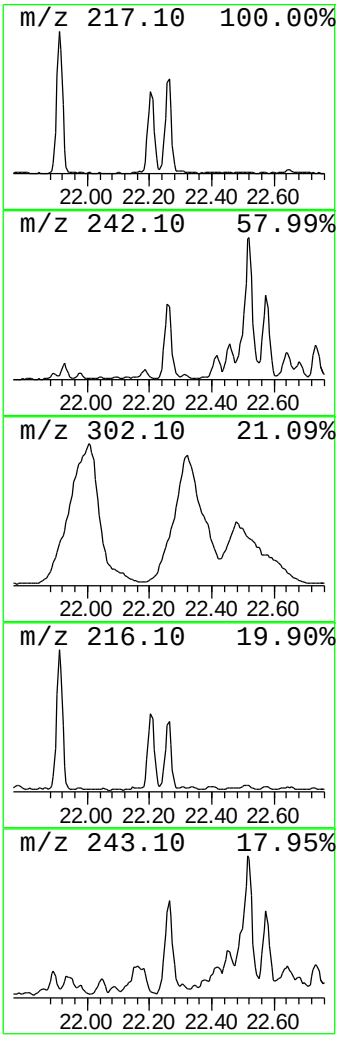
****

Peak Number 4 11H-Benzo[a]carbazole Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	2.57 ng/ul	1443140	Chrysene-d12	21.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	89
2	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	55
3	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	55
4	Benzo(b)carbazole	217	C16H11N	000243-28-7	55
5	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014802.D
Acq On : 24 Apr 2018 06:52
Operator : SJ/JU
Sample : J2434-11DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6DL

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

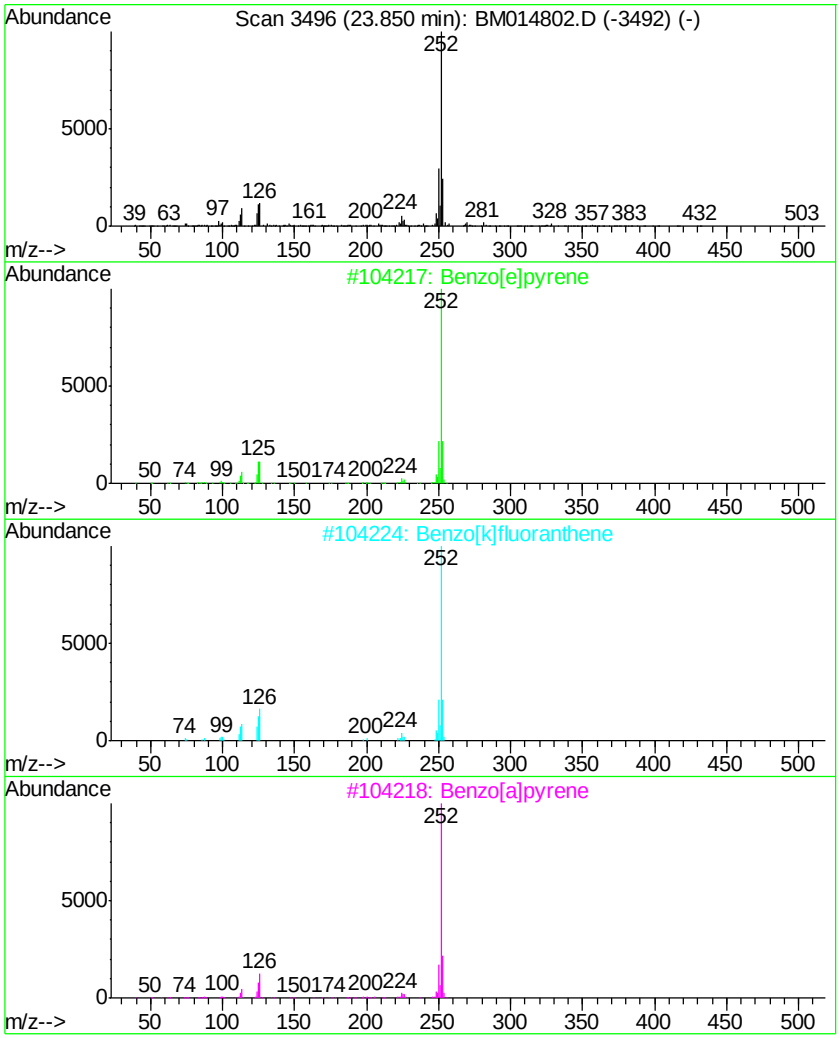
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

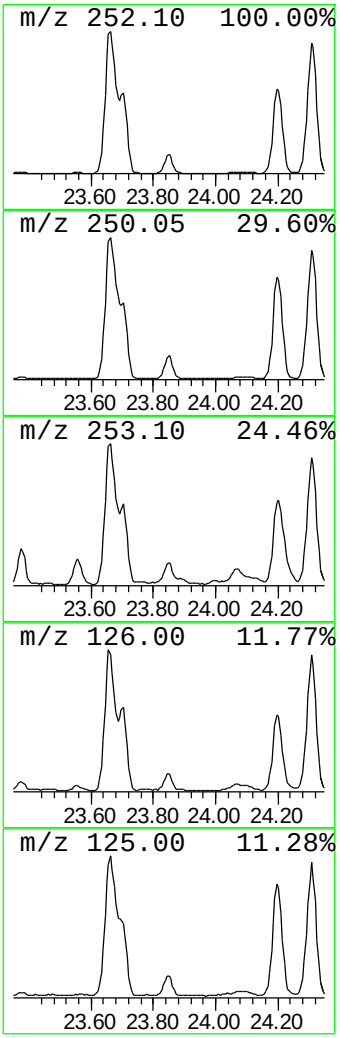
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	3.53 ng/ul	897147	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	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014802.D
Acq On : 24 Apr 2018 06:52
Operator : SJ/JU
Sample : J2434-11DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6DL

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

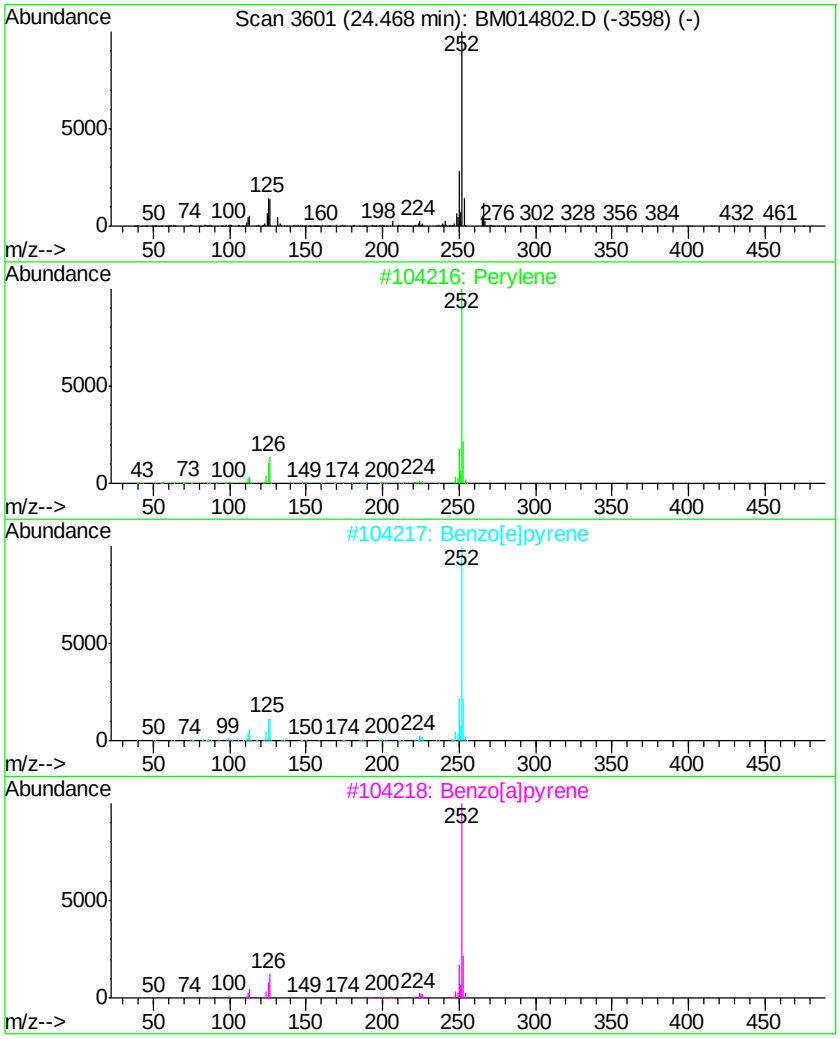
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

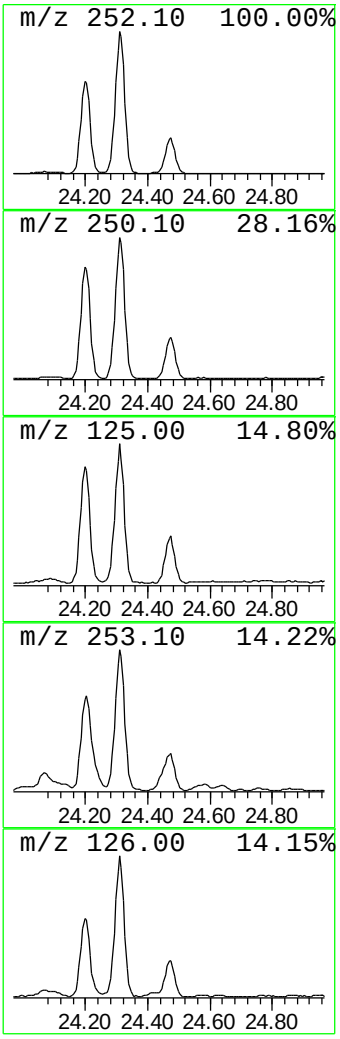
****

Peak Number 7 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.47	8.31 ng/ul	2108680	Perylene-d12	24.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	86
2	Benzo[e]pyrene	252	C20H12	000192-97-2	76
3	Benzo[a]pyrene	252	C20H12	000050-32-8	76
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76
5	Benzo[e]pyrene	252	C20H12	000192-97-2	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014802.D
Acq On : 24 Apr 2018 06:52
Operator : SJ/JU
Sample : J2434-11DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC6DL

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	5.1	ng/ul	607319	1	8.53	2362080	20.0
unknown-01	4.26	2.3	ng/ul	272072	1	8.53	2362080	20.0
Fluoranthene, 2-m...	20.67	2.2	ng/ul	1229970	5	21.93	11250800	20.0
11H-Benzo[a]carba...	22.26	2.6	ng/ul	1443140	5	21.93	11250800	20.0
Benzo[e]pyrene	23.85	3.5	ng/ul	897147	6	24.42	5076480	20.0
Perylene	24.47	8.3	ng/ul	2108680	6	24.42	5076480	20.0