LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120419\
Data File : BM024001.D
Acq On : 04 Dec 2019 14:49
Operator : JU
Sample : K4649-01ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5167ME

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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	3.651	124	130	140	rVV	169351	267805	1.71%	0.131%
2	4.640	293	298	306	rBV	104008	159768	1.02%	0.078%
3	5.893	507	511	517	rVB	63780	96387	0.62%	0.047%
4	6.669	633	643	657	rBV	956458	1716188	10.97%	0.837%
5	6.828	665	670	682	rBV	725764	1237172	7.91%	0.603%
6	7.016	696	702	713	rBV	1045744	1665215	10.64%	0.812%
7	7.481	774	781	791	rBV	1443773	2287555	14.62%	1.116%
8	8.198	896	903	917	rBV	1187016	2001000	12.79%	0.976%
9	8.310	917	922	934	rVB	143494	257550	1.65%	0.126%
10	8.633	969	977	989	rBV	897793	1539478	9.84%	0.751%
11	9.351	1091	1099	1114	rBV	734945	1290072	8.24%	0.629%
12	9.886	1183	1190	1202	rBV	1185904	2092238	13.37%	1.021%
13	10.251	1245	1252	1258	rBV	2099875	3402252	21.74%	1.659%
14	10.298	1258	1260	1269	rVB	110463	156929	1.00%	0.077%
15	10.404	1269	1278	1295	rBV	757509	1569295	10.03%	0.765%
16	13.563	1809	1815	1820	rVV	2210895	3012944	19.26%	1.470%
17	13.610	1820	1823	1829	rVV	277906	376805	2.41%	0.184%
18	13.827	1853	1860	1871	rBV	2685639	3918544	25.04%	1.911%
19	14.139	1904	1913	1919	rBV	3132994	4673991	29.87%	2.280%
20	14.204	1919	1924	1933	rVB	527111	754257	4.82%	0.368%
21	14.374	1946	1953	1966	rBV	490962	1009835	6.45%	0.493%
22	14.545	1976	1982	1985	rBV	201072	308700	1.97%	0.151%
23	14.580	1985	1988	1995	rVB2	230349	341762	2.18%	0.167%
24	15.145	2077	2084	2089	rBV	3353477	4827712	30.85%	2.355%
25	15.198	2089	2093	2103	rVB	444790	652742	4.17%	0.318%
26	15.286	2103	2108	2118	rBV	745840	1222534	7.81%	0.596%
27	15.362	2118	2121	2127	rVB2	57908	99414	0.64%	0.048%
28	15.498	2139	2144	2151	rVB	76384	116992	0.75%	0.057%
29	15.645	2164	2169	2177	rVB	98125	194934	1.25%	0.095%
30	16.204	2253	2264	2270	rBV4	73247	199645	1.28%	0.097%
31	16.557	2320	2324	2331	rVB	99384	160776	1.03%	0.078%
32	16.645	2333	2339	2343	rVV4	56895	132407	0.85%	0.065%
33	16.715	2343	2351	2361	rVB	384056	613347	3.92%	0.299%
34	16.898	2375	2382	2385	rBV	3799207	5511836	35.23%	2.688%

LSC Area Percent Report

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Operator : JU
Sample : K4649-01ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5167ME

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Title : SVOA CALIBRATION

35	16.939	2385	2389	2394	rVV	7065588	9544447	61.00%	4.655%
36	16.992	2394	2398	2402	rVV	3715356	5603194	35.81%	2.733%
37	17.027	2402	2404	2411	rVV	1770304	2142870	13.70%	1.045%
38	17.098	2411	2416	2423	rVV	145327	268971	1.72%	0.131%
39	17.304	2442	2451	2457	rBV2	715743	1201212	7.68%	0.586%
40	17.421	2466	2471	2477	rBV4	118356	193461	1.24%	0.094%
41	17.474	2477	2480	2489	rVB5	68027	147462	0.94%	0.072%
42	17.774	2525	2531	2534	rVV	460876	702519	4.49%	0.343%
43	17.821	2534	2539	2545	rVV	1040973	1540273	9.84%	0.751%
44	17.903	2547	2553	2558	rVV	318136	558616	3.57%	0.272%
45	17.968	2558	2564	2567	rVV2	1110516	1845937	11.80%	0.900%
46	18.003	2567	2570	2577	rVB	531788	747600	4.78%	0.365%
47	18.127	2587	2591	2594	rVB2	76502	111812	0.71%	0.055%
48	18.280	2612	2617	2621	rVV	491648	635584	4.06%	0.310%
49	18.321	2621	2624	2630	rVB	249461	347659	2.22%	0.170%
50	18.527	2655	2659	2664	rVB2	162230	222067	1.42%	0.108%
51	18.621	2671	2675	2678	rVB2	86263	115389	0.74%	0.056%
52	18.703	2684	2689	2695	rBV3	168938	356585	2.28%	0.174%
53	18.768	2695	2700	2702	rVV4	141902	249494	1.59%	0.122%
54	18.798	2702	2705	2708	rVV	210877	248939	1.59%	0.121%
55	18.845	2709	2713	2721	rVV3	195176	411598	2.63%	0.201%
56	18.968	2728	2734	2741	rVB	11106031	14633878	93.52%	7.138%
57	19.068	2748	2751	2755	rVB	190114	226327	1.45%	0.110%
58	19.115	2755	2759	2762	rBV2	106909	132111	0.84%	0.064%
59	19.162	2763	2767	2769	rBV3	90124	151740	0.97%	0.074%
60	19.209	2769	2775	2780	rVB2	371733	629833	4.03%	0.307%
61	19.303	2785	2791	2793	rVV2	6545888	9227436	58.97%	4.501%
62	19.333	2793	2796	2805	rVV	9299462	12470962	79.70%	6.083%
63	19.409	2805	2809	2815	rVB3	391333	668393	4.27%	0.326%
64	19.515	2822	2827	2832	rBV	543780	784058	5.01%	0.382%
65	19.580	2833	2838	2843	rVB	363987	556736	3.56%	0.272%
66	19.674	2846	2854	2858	rBV3	350191	958994	6.13%	0.468%
67	19.715	2858	2861	2865	rBV	193612	235446	1.50%	0.115%
68	19.797	2870	2875	2877	rVV4	392564	650398	4.16%	0.317%
69	19.833	2878	2881	2887	rVB	1261633	1719020	10.99%	0.838%
70	19.886	2887	2890	2894	rBV3	82921	117692	0.75%	0.057%
71	19.939	2894	2899	2903	rVV	1005599	1322888	8.45%	0.645%

LSC Area Percent Report

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Operator : JU
Sample : K4649-01ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5167ME

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Title : SVOA CALIBRATION

72	19.992	2903	2908	2912	rVV2	623703	1048237	6.70%	0.511%
73	20.033	2912	2915	2919	rVB2	324038	400407	2.56%	0.195%
74	20.080	2919	2923	2926	rVB	180908	226701	1.45%	0.111%
75	20.133	2928	2932	2936	rBV	263143	324948	2.08%	0.158%
76	20.180	2936	2940	2944	rBV3	319033	476889	3.05%	0.233%
77	20.409	2973	2979	2980	rBV5	123037	254797	1.63%	0.124%
78	20.592	3006	3010	3015	rVB	369388	507547	3.24%	0.248%
79	20.750	3033	3037	3040	rBV2	742833	976810	6.24%	0.476%
80	20.792	3040	3044	3047	rVV	795905	1042371	6.66%	0.508%
81	20.844	3047	3053	3057	rVV3	954132	2065151	13.20%	1.007%
82	20.886	3058	3060	3065	rVB	530005	622223	3.98%	0.303%
83	20.997	3072	3079	3084	rBV	320603	976379	6.24%	0.476%
84	21.097	3087	3096	3101	rVV3	7586317	15647078	100.00%	7.632%
85	21.144	3101	3104	3112	rVB	4964395	6040934	38.61%	2.947%
86	21.256	3120	3123	3131	rVB2	1152626	1705679	10.90%	0.832%
87	21.368	3140	3142	3146	rVB	350069	397867	2.54%	0.194%
88	21.421	3146	3151	3155	rBV2	644346	1147127	7.33%	0.560%
89	21.644	3187	3189	3193	rVB2	580269	647258	4.14%	0.316%
90	21.868	3224	3227	3232	rVB2	609303	795687	5.09%	0.388%
91	22.621	3349	3355	3371	rBV	4089656	12818819	81.92%	6.252%
92	22.780	3378	3382	3388	rVB	780678	1175091	7.51%	0.573%
93	23.068	3426	3431	3435	rBV	2168608	3772237	24.11%	1.840%
94	23.115	3435	3439	3443	rVV	3706029	6613042	42.26%	3.226%
95	23.162	3443	3447	3454	rVV	4219723	7112907	45.46%	3.469%
96	23.250	3456	3462	3467	rVV2	3811875	7177782	45.87%	3.501%
97	23.297	3467	3470	3478	rVB	1120118	1987703	12.70%	0.970%
98	23.780	3549	3552	3558	rVB	684895	1149633	7.35%	0.561%
99	25.374	3816	3823	3833	rVB	1788029	4640575	29.66%	2.263%
100	26.021	3927	3933	3946	rVB	1282743	3718341	23.76%	1.814%

Sum of corrected areas: 205019902

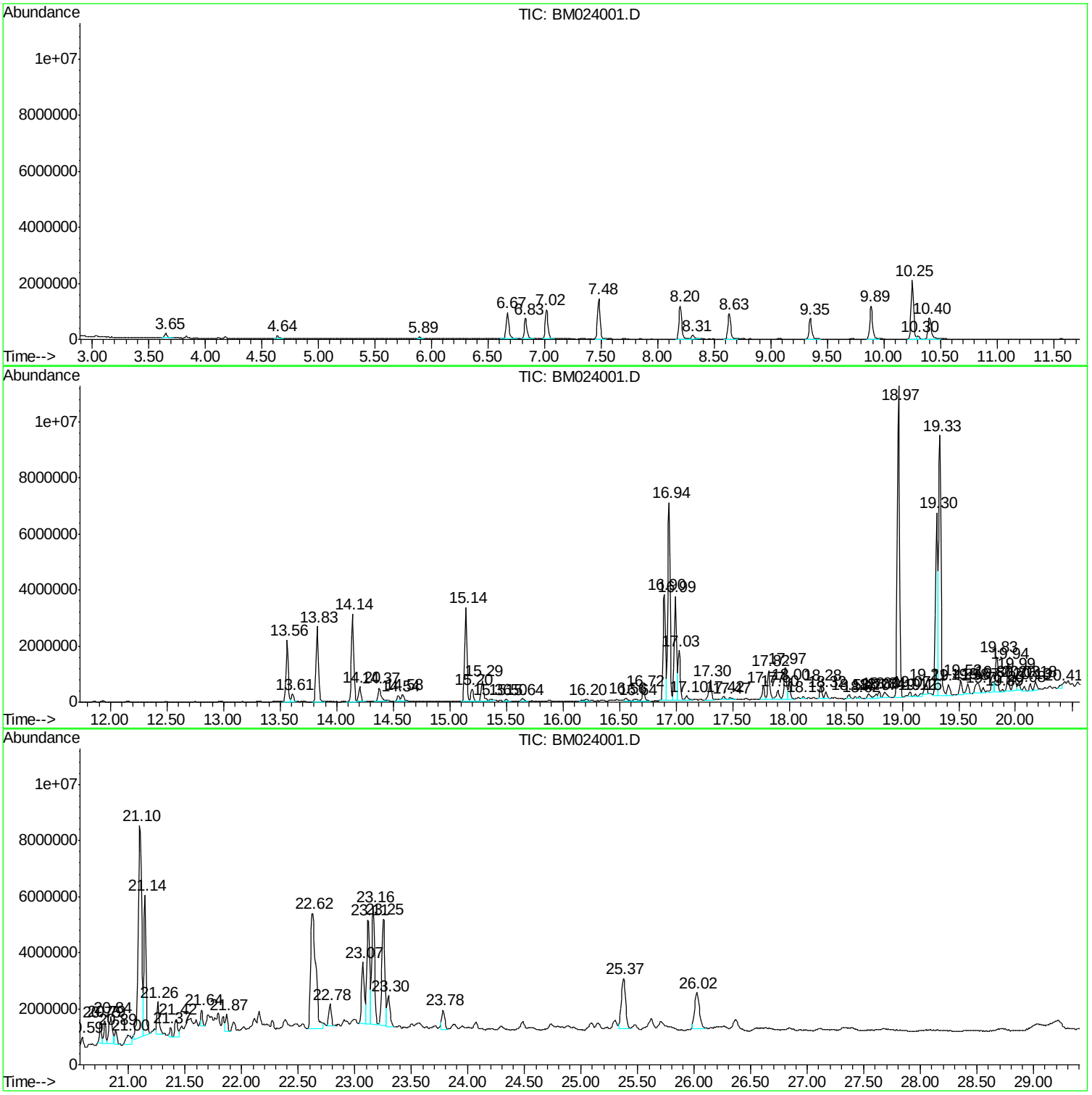
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120419\
Data File : BM024001.D
Acq On : 04 Dec 2019 14:49
Operator : JU
Sample : K4649-01ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5167ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120419\
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Acq On : 04 Dec 2019 14:49
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Instrument : BNA_M
ClientSampleId : A5167ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

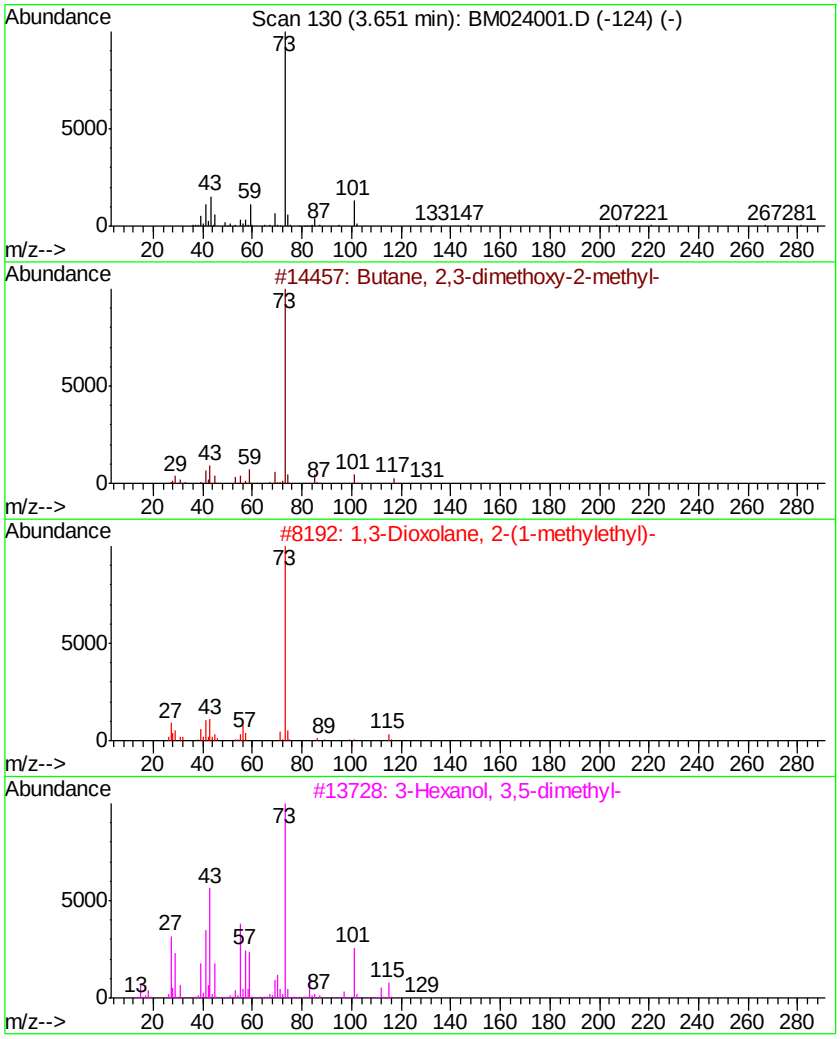
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

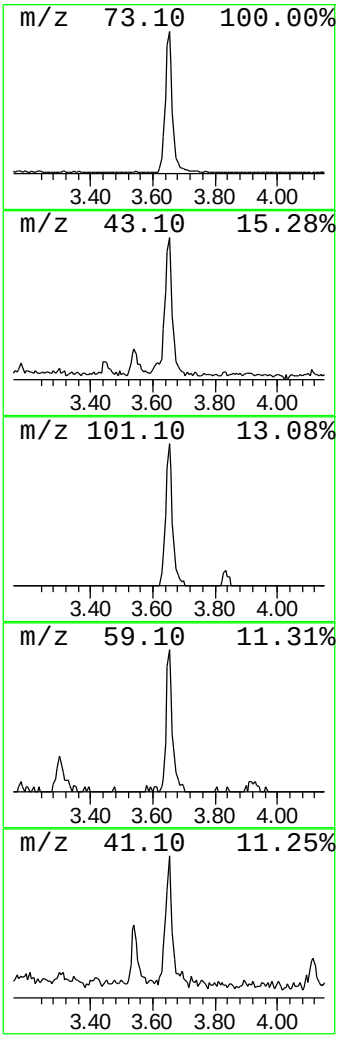
****

Peak Number 1 Butane, 2,3-dimethoxy-2-met... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	2.34 ng/ul	267805	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethoxy-2-methyl-	132	C7H16O2	074421-00-4	50
2	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
3	3-Hexanol, 3,5-dimethyl-	130	C8H18O	004209-91-0	9
4	3-Heptanol, 3-methyl-	130	C8H18O	005582-82-1	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Instrument : BNA_M
ClientSampleId : A5167ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

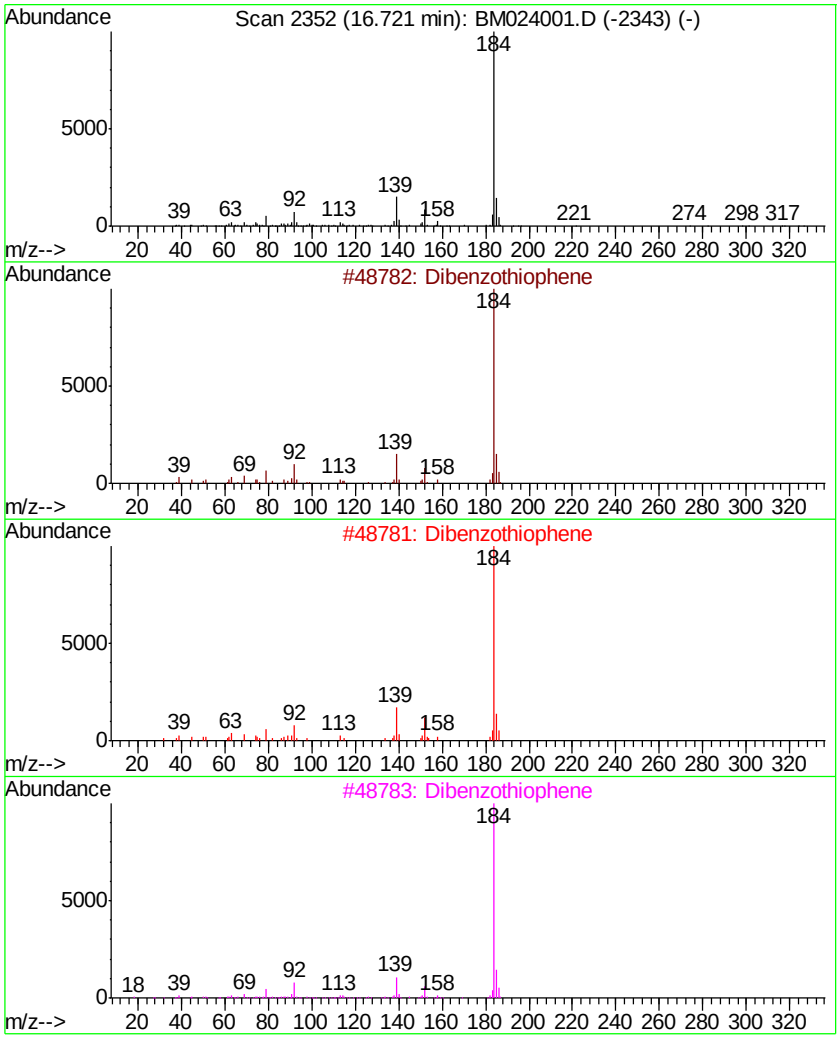
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

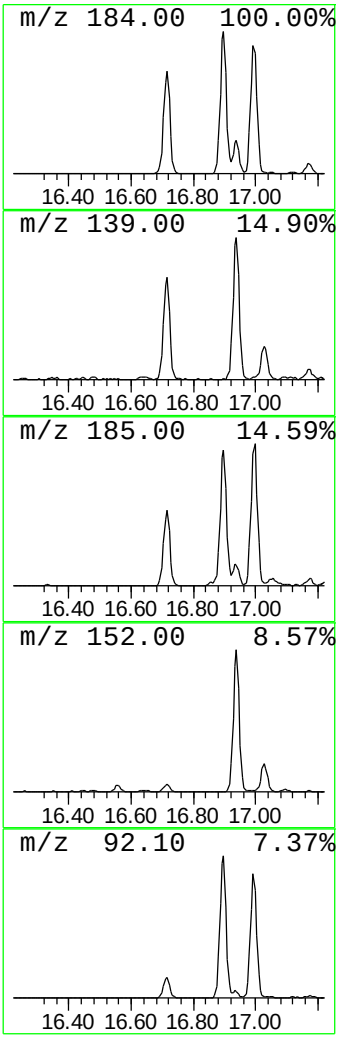
****

Peak Number 2 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	2.23 ng/ul	613347	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

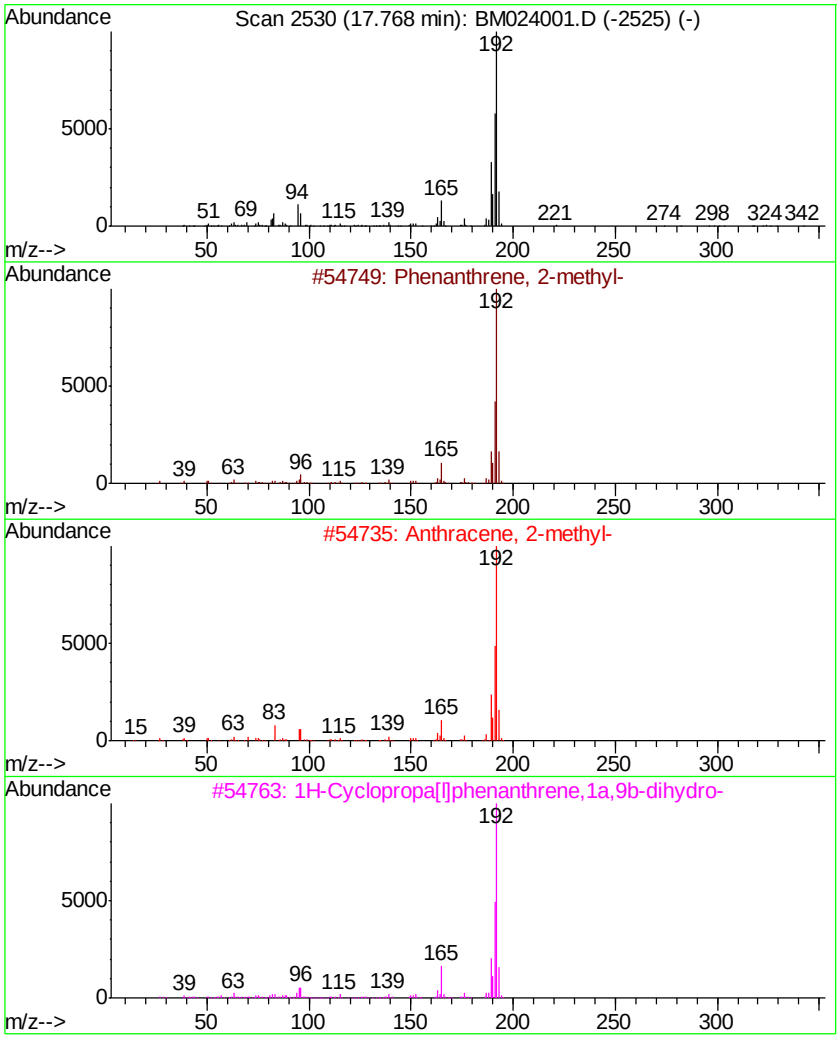
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

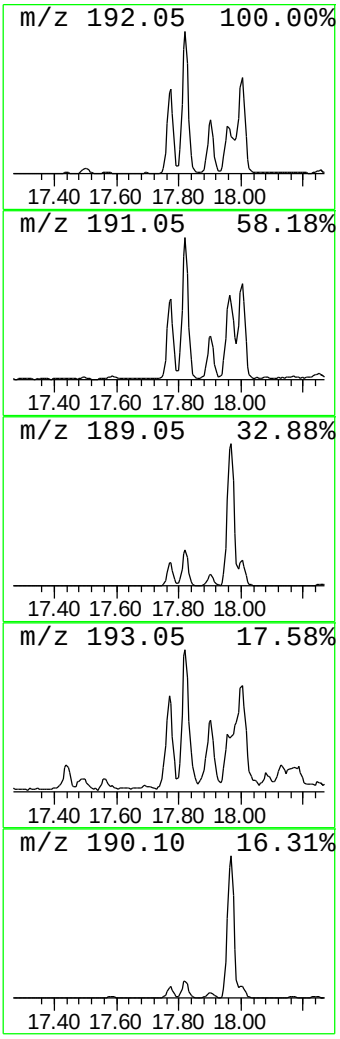
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	2.55 ng/ul	702519	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





Library Search Compound Report

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Data File : BM024001.D
Acq On : 04 Dec 2019 14:49
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5167ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

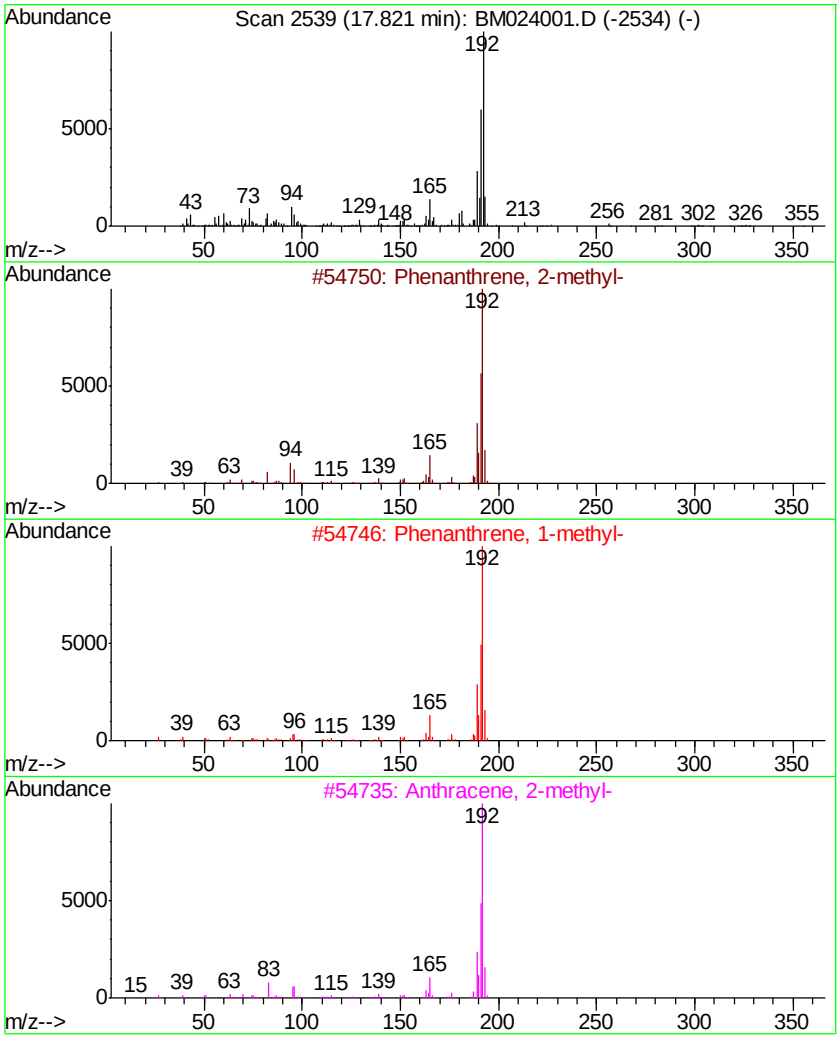
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

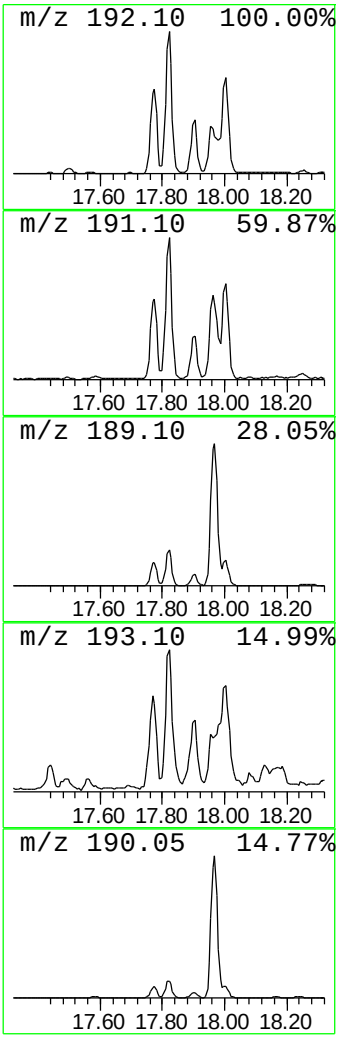
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	5.59 ng/ul	1540270	Phenanthrene-d10	16.90

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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	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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Sample : K4649-01ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5167ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

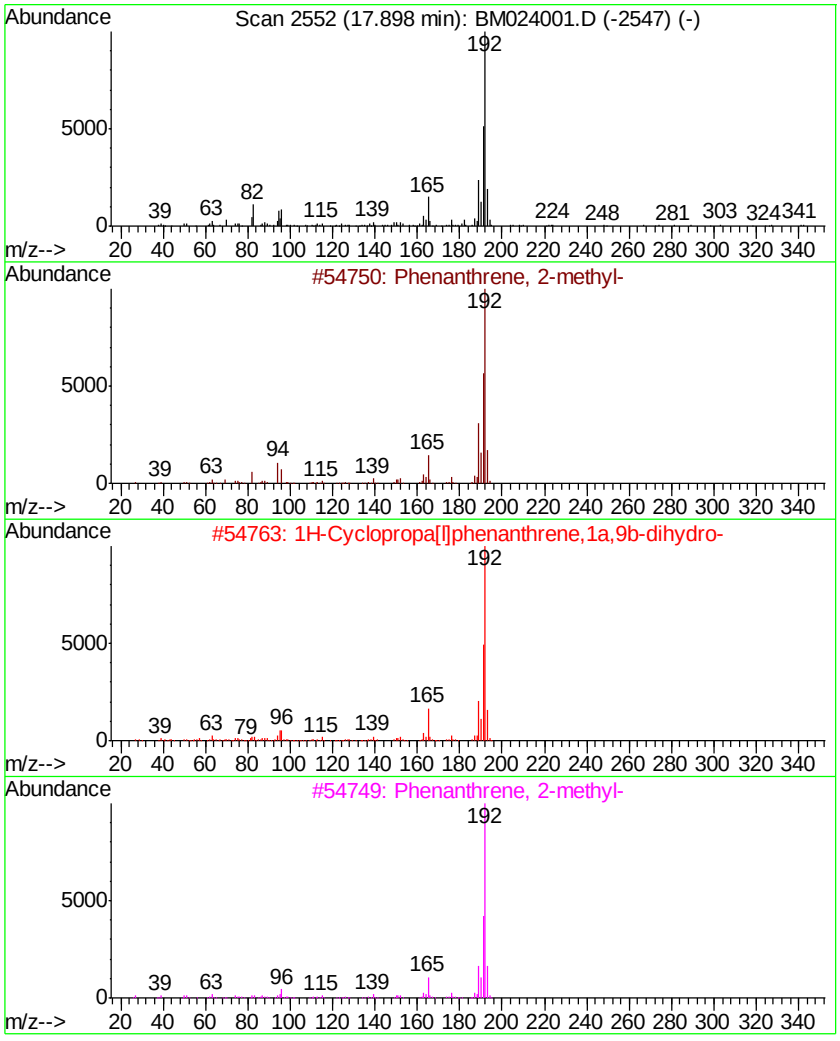
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

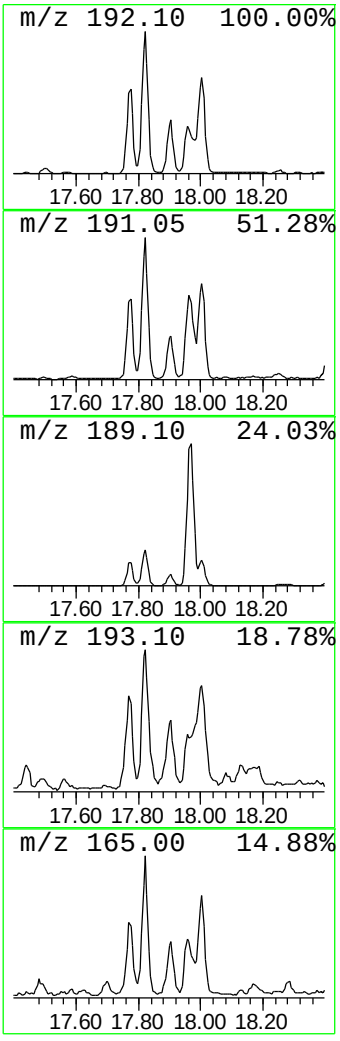
****

Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	2.03 ng/ul	558616	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96





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Data File : BM024001.D
Acq On : 04 Dec 2019 14:49
Operator : JU
Sample : K4649-01ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5167ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

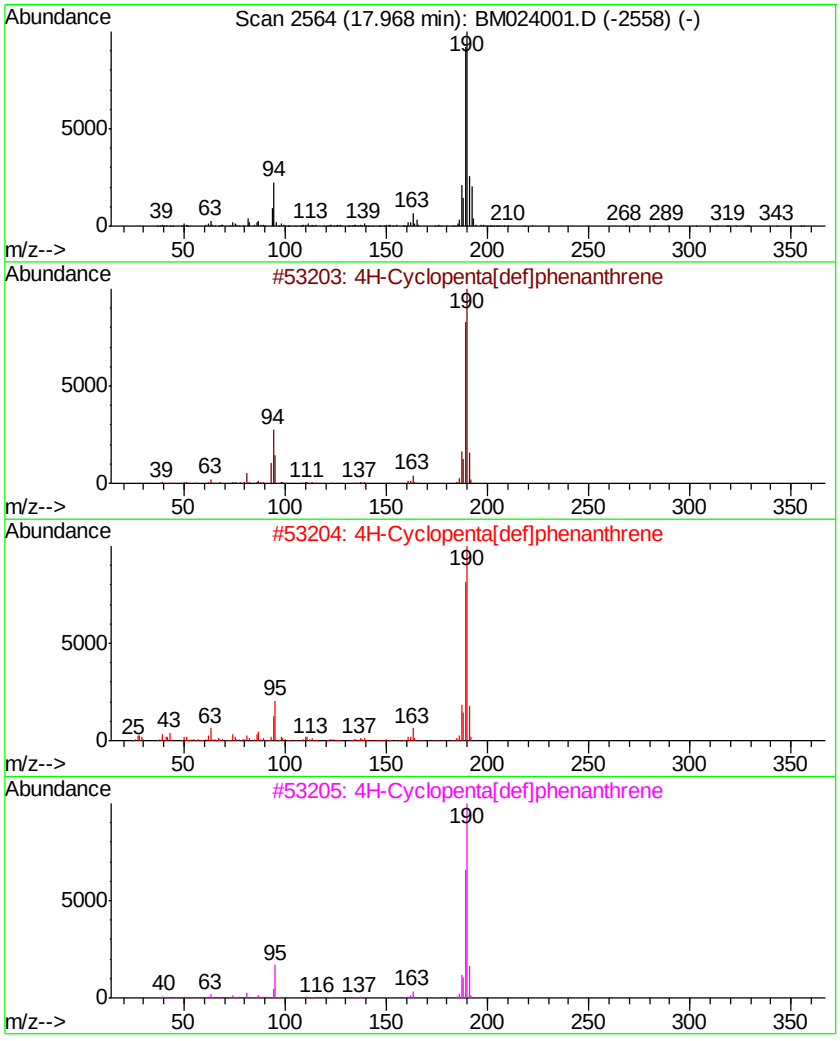
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

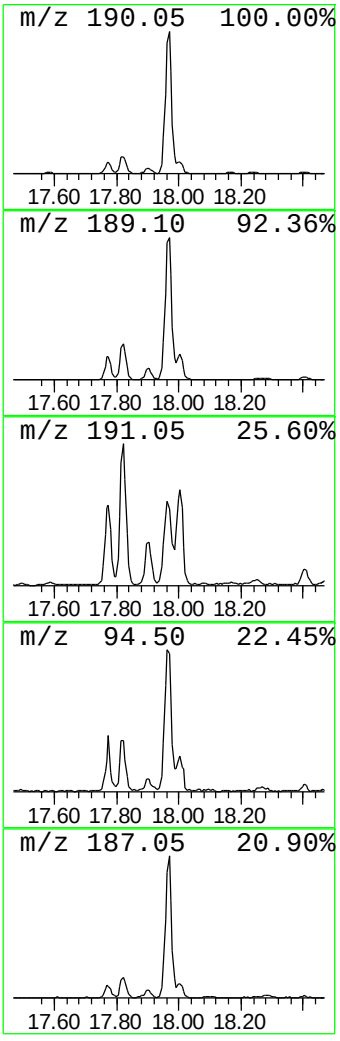
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	6.70 ng/ul	1845940	Phenanthrene-d10	16.90

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	81
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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Data File : BM024001.D
Acq On : 04 Dec 2019 14:49
Operator : JU
Sample : K4649-01ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5167ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

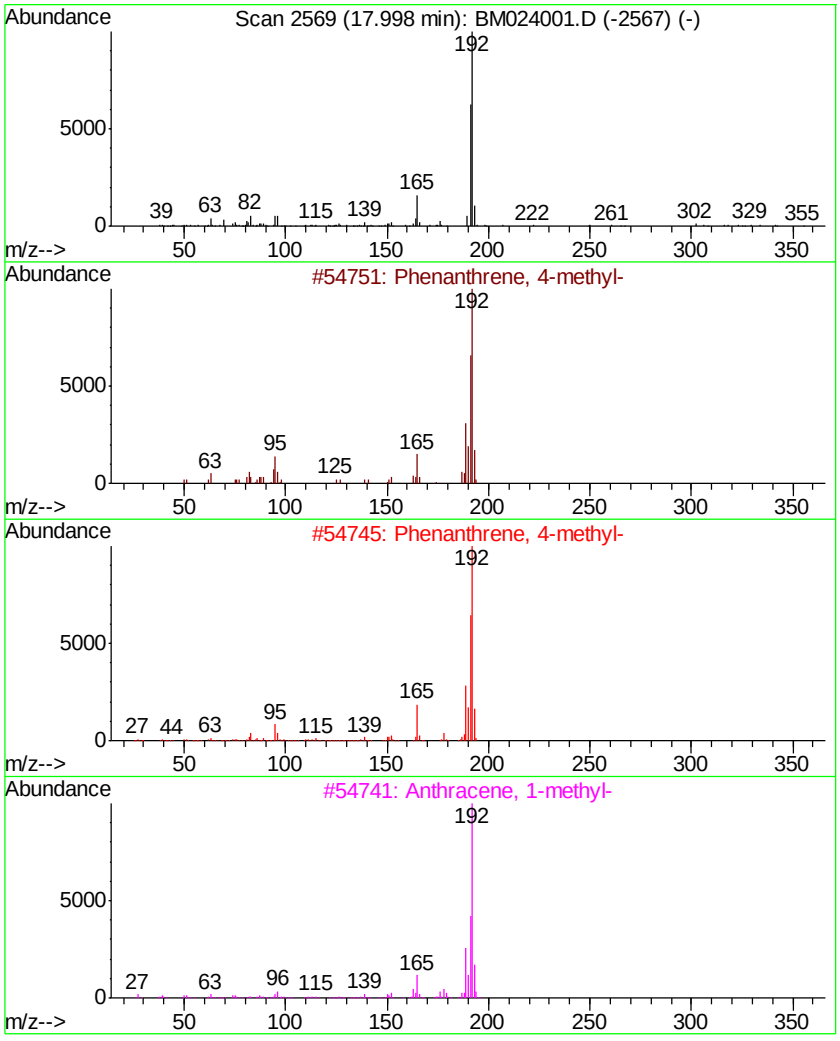
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

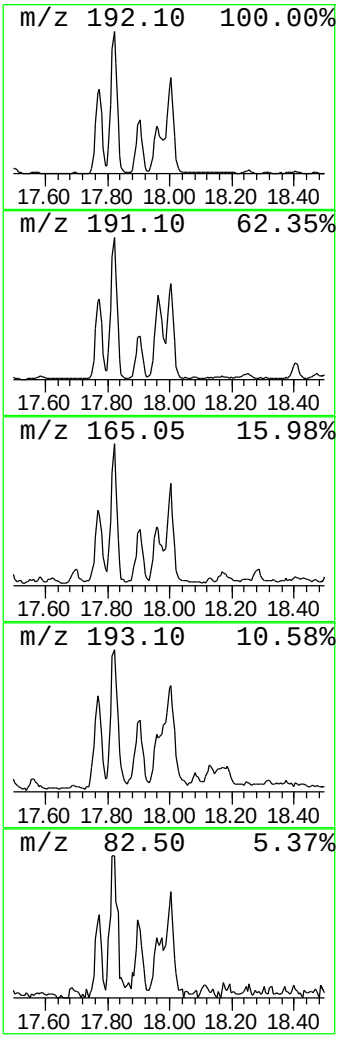
****

Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	2.71 ng/ul	747600	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72





Library Search Compound Report

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Data File : BM024001.D
Acq On : 04 Dec 2019 14:49
Operator : JU
Sample : K4649-01ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5167ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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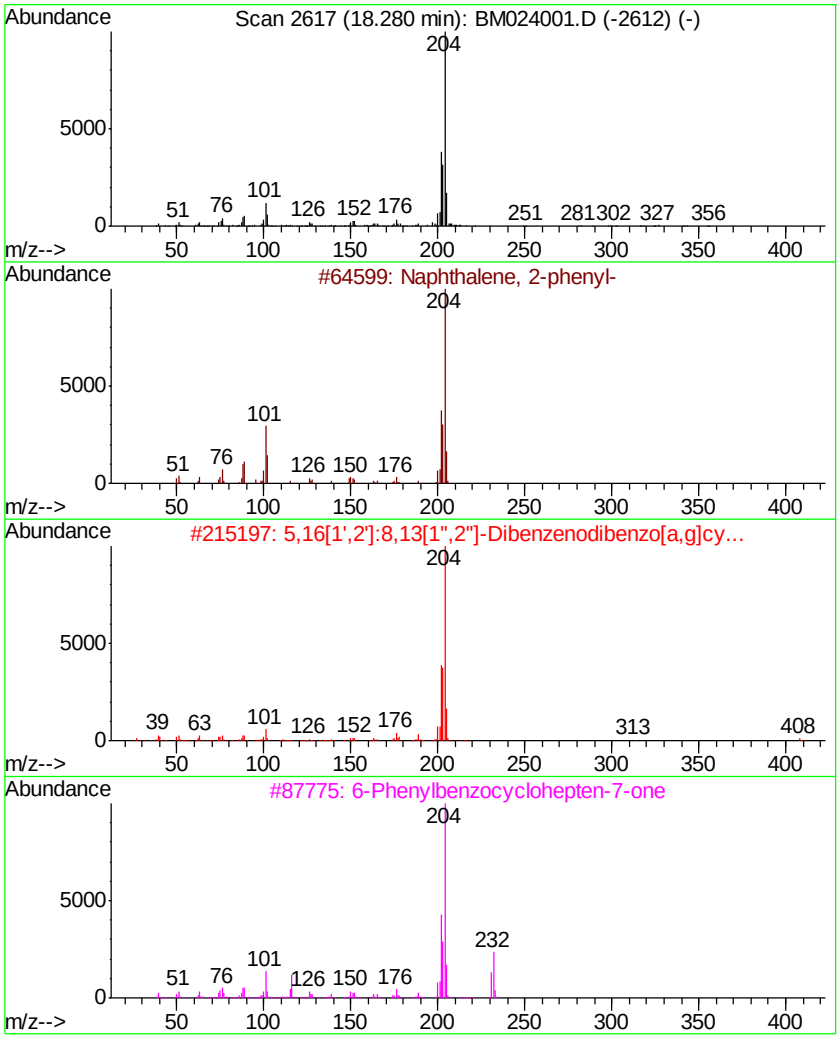
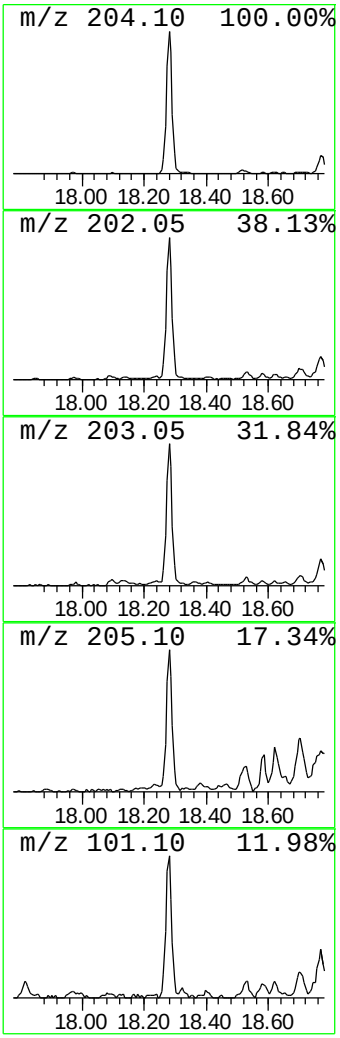
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.31 ng/ul	635584	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70





Library Search Compound Report

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Data File : BM024001.D
Acq On : 04 Dec 2019 14:49
Operator : JU
Sample : K4649-01ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5167ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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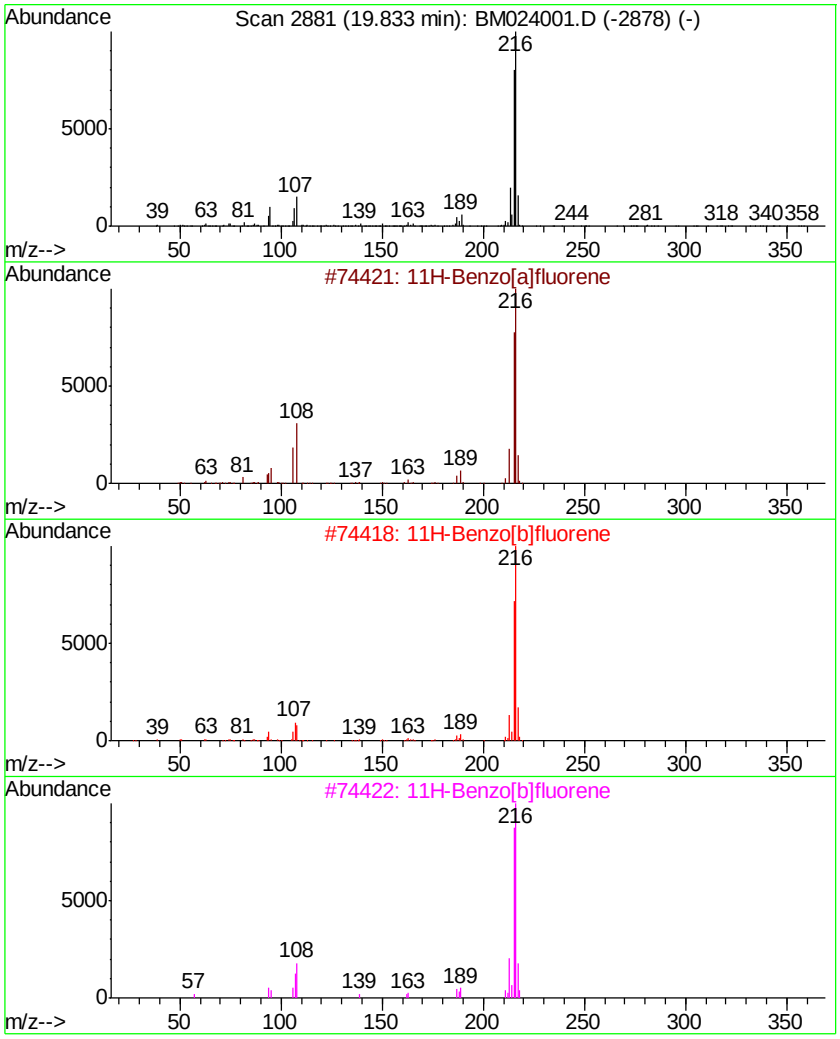
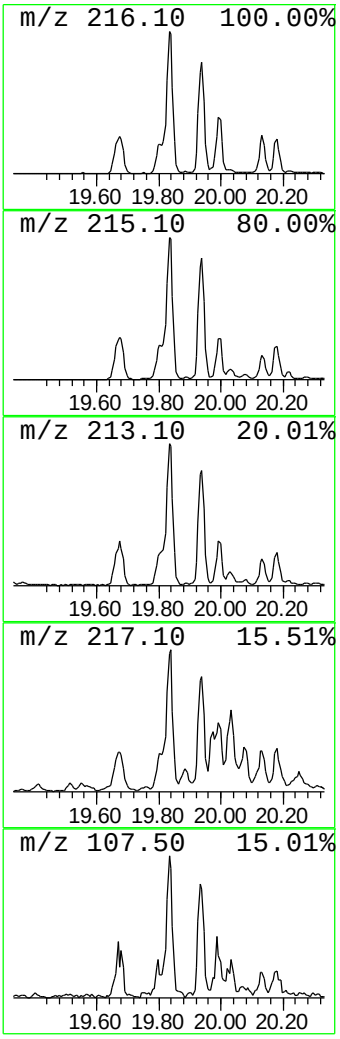
Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	2.20 ng/ul	1719020	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120419\
Data File : BM024001.D
Acq On : 04 Dec 2019 14:49
Operator : JU
Sample : K4649-01ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5167ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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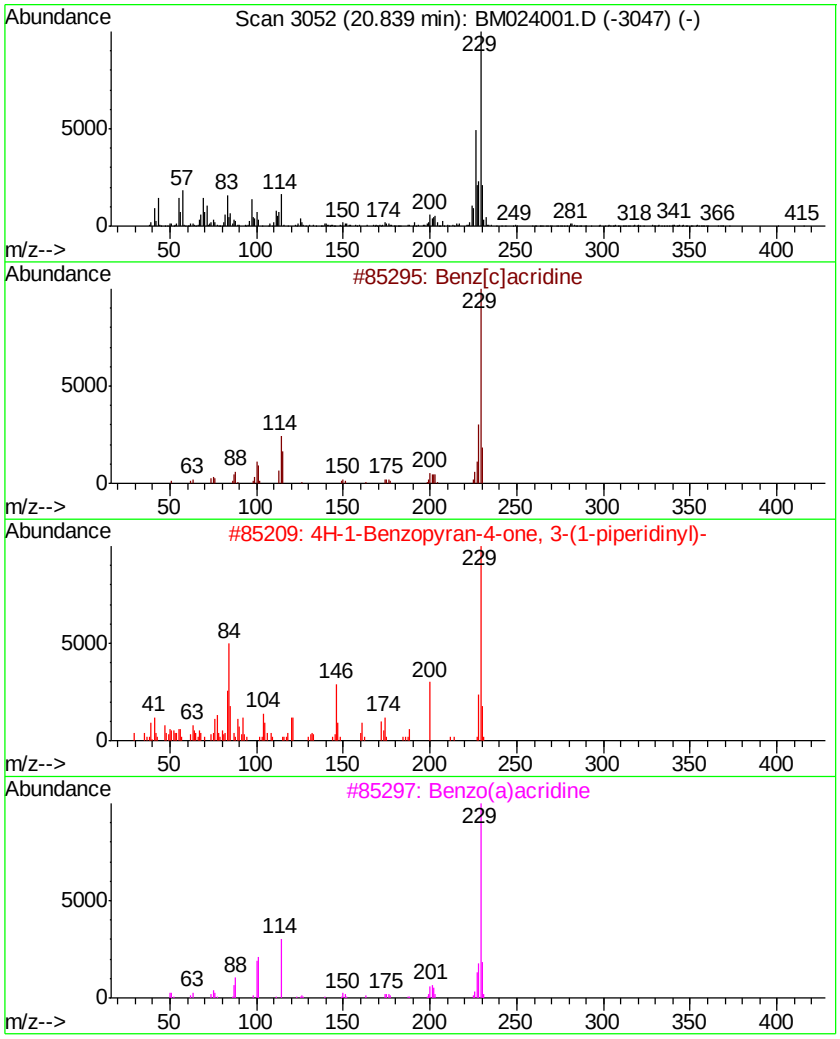
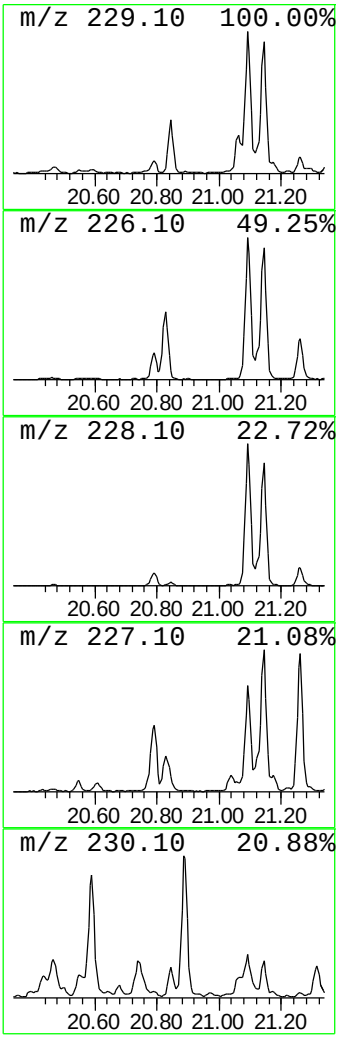
Peak Number 10 Benz[c]acridine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	2.64 ng/ul	2065150	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	64
2	4H-1-Benzopyran-4-one, 3-(1-pipe...	229	C14H15NO2	040302-79-2	59
3	Benzo(a)acridine	229	C17H11N	000225-11-6	53
4	Benzo(a)acridine	229	C17H11N	000225-11-6	53
5	Malononitrile, 2-indeno[1,2-b]py...	229	C15H7N3	1000316-60-9	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120419\
Data File : BM024001.D
Acq On : 04 Dec 2019 14:49
Operator : JU
Sample : K4649-01ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5167ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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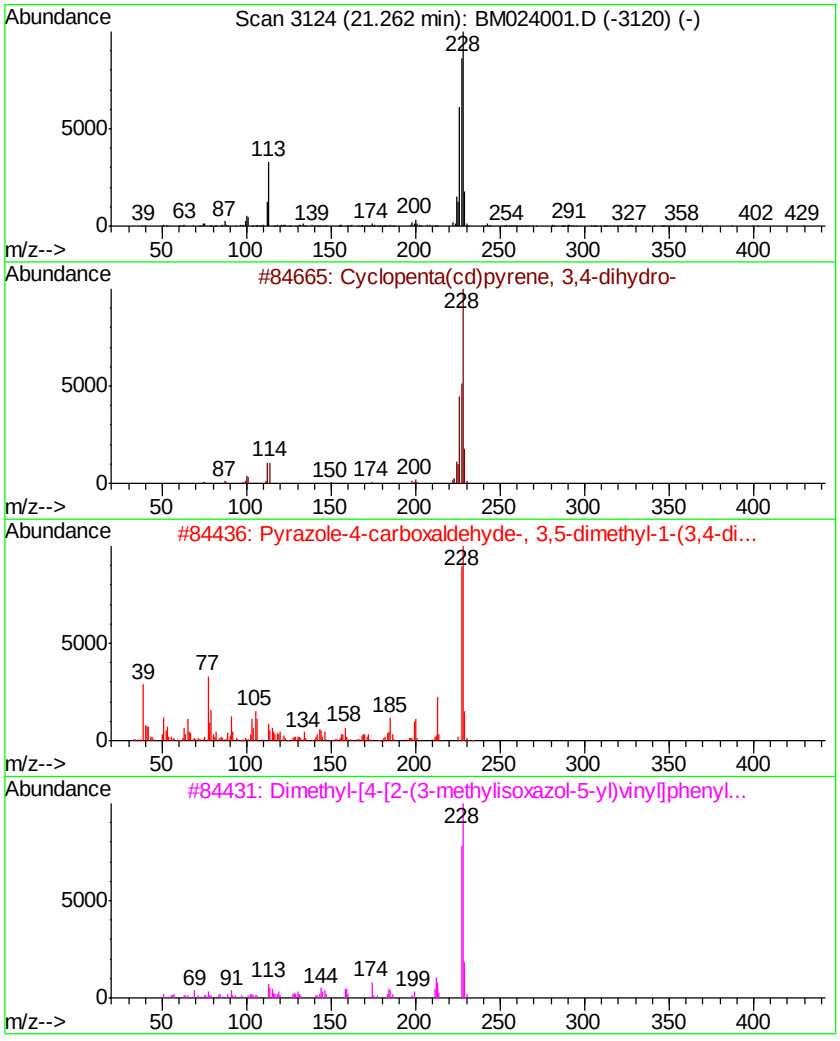
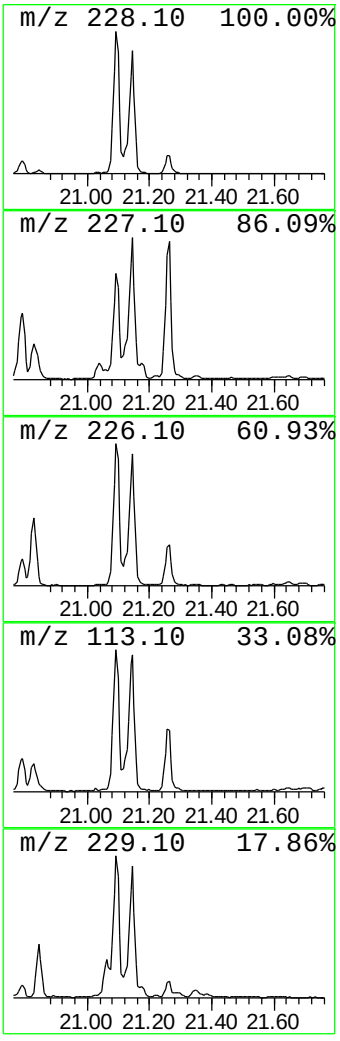
Peak Number 11 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.26	2.18 ng/ul	1705680	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	90
2	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
3	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
4	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	50
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	47





Library Search Compound Report

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Data File : BM024001.D
Acq On : 04 Dec 2019 14:49
Operator : JU
Sample : K4649-01ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5167ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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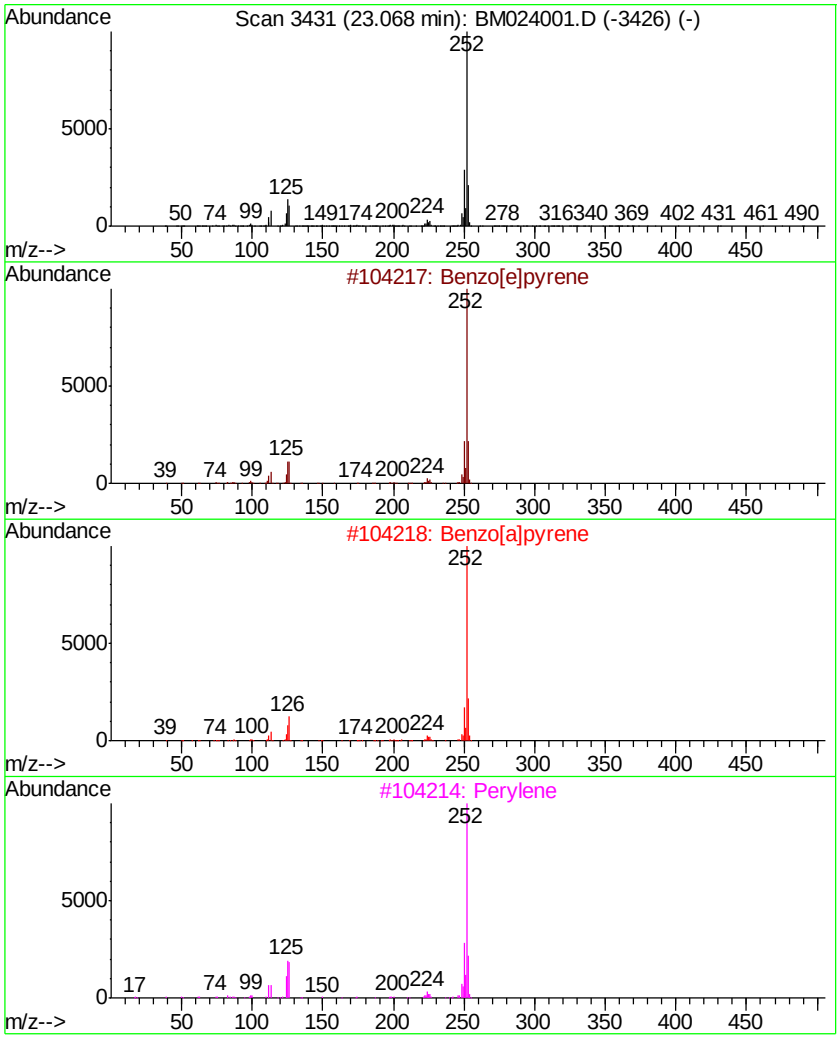
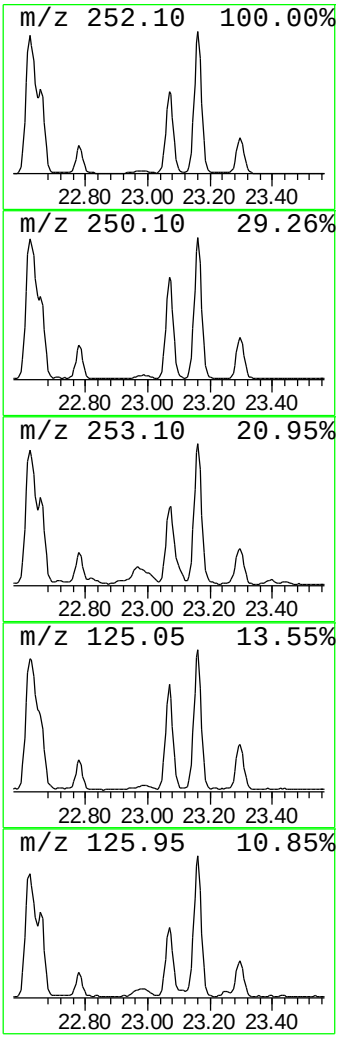
Peak Number 13 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	10.51 ng/ul	3772240	Perylene-d12	23.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94





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Operator : JU
Sample : K4649-01ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5167ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

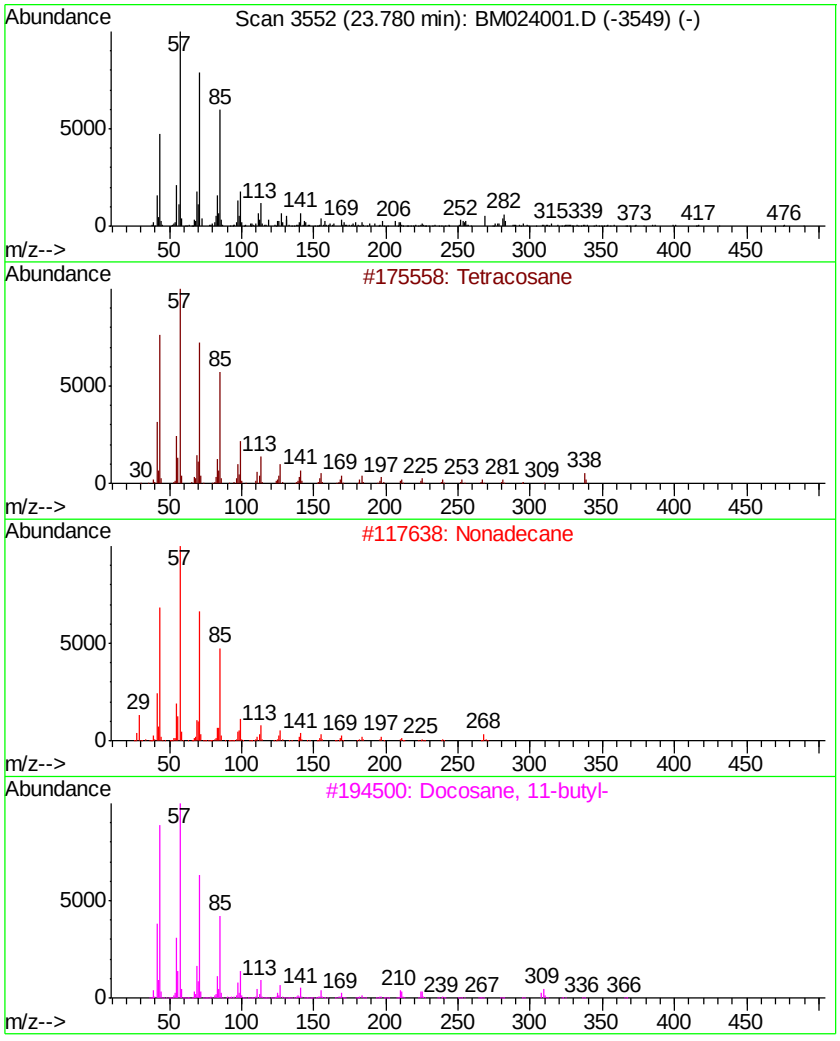
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

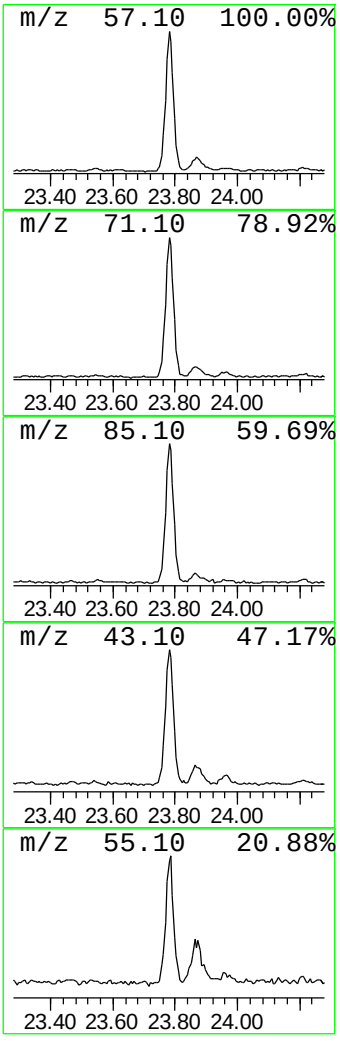
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.78	3.20 ng/ul	1149630	Perylene-d12	23.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Nonadecane	268	C19H40	000629-92-5	95
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4	Eicosane	282	C20H42	000112-95-8	93
5	Octadecane	254	C18H38	000593-45-3	91





Tentatively Identified Compound (LSC) summary

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Data File : BM024001.D
Acq On : 04 Dec 2019 14:49
Operator : JU
Sample : K4649-01ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5167ME

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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
Butane, 2,3-dimet...	3.65	2.3	ng/ul	267805	1	7.48	2287560	20.0
Dibenzothiophene	16.72	2.2	ng/ul	613347	4	16.90	5511840	20.0
Phenanthrene, 2-m...	17.77	2.5	ng/ul	702519	4	16.90	5511840	20.0
Phenanthrene, 1-m...	17.82	5.6	ng/ul	1540270	4	16.90	5511840	20.0
1H-Cyclopropa[l]p...	17.90	2.0	ng/ul	558616	4	16.90	5511840	20.0
4H-Cyclopenta[def...	17.97	6.7	ng/ul	1845940	4	16.90	5511840	20.0
Phenanthrene, 4-m...	18.00	2.7	ng/ul	747600	4	16.90	5511840	20.0
Naphthalene, 2-ph...	18.28	2.3	ng/ul	635584	4	16.90	5511840	20.0
11H-Benzo[a]fluorene	19.83	2.2	ng/ul	1719020	5	21.11	15647100	20.0
Benz[c]acridine	20.84	2.6	ng/ul	2065150	5	21.11	15647100	20.0
Cyclopenta(cd)pyr...	21.26	2.2	ng/ul	1705680	5	21.11	15647100	20.0
Benzo[e]pyrene	23.07	10.5	ng/ul	3772240	6	23.26	7177780	20.0
(DEL) Alkane: Str...	23.78	3.2	ng/ul	1149630	6	23.26	7177780	20.0