LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM025016.D
Acq On : 22 Feb 2020 08:45
Operator : CG/JU
Sample : L1507-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD12

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-BM020620MA.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	3.552	111	113	119	rVB2	13006	17088	0.30%	0.046%
2	3.634	125	127	131	rVB	8592	8611	0.15%	0.023%
3	4.522	274	278	283	rBV	29292	41098	0.71%	0.110%
4	6.545	618	622	630	rBV4	10415	25182	0.44%	0.067%
5	6.698	644	648	655	rBV2	16630	30866	0.53%	0.083%
6	6.881	673	679	688	rBV3	19698	37229	0.64%	0.100%
7	7.334	750	756	770	rBV	547782	891065	15.41%	2.384%
8	7.869	842	847	855	rBV3	8403	19162	0.33%	0.051%
9	8.075	875	882	888	rBV5	12721	30620	0.53%	0.082%
10	8.175	893	899	905	rVV3	8996	18620	0.32%	0.050%
11	8.492	947	953	958	rBV3	13851	27338	0.47%	0.073%
12	9.198	1068	1073	1081	rBV4	9950	21527	0.37%	0.058%
13	9.751	1163	1167	1168	rBV3	7844	8151	0.14%	0.022%
14	10.092	1216	1225	1241	rBV	730062	1319318	22.81%	3.531%
15	10.269	1251	1255	1259	rBV5	4094	6537	0.11%	0.017%
16	11.786	1505	1513	1524	rVB6	5399	13090	0.23%	0.035%
17	12.922	1702	1706	1713	rVB4	14221	24445	0.42%	0.065%
18	13.316	1767	1773	1774	rBV2	5674	6043	0.10%	0.016%
19	13.427	1787	1792	1798	rBV	54845	96853	1.67%	0.259%
20	13.474	1798	1800	1807	rVB2	13319	15360	0.27%	0.041%
21	13.680	1829	1835	1838	rBV	71511	117010	2.02%	0.313%
22	13.710	1838	1840	1847	rVB	35245	45969	0.79%	0.123%
23	13.992	1882	1888	1896	rBV	1345620	1960168	33.89%	5.245%
24	14.063	1896	1900	1906	rVB3	16121	28648	0.50%	0.077%
25	14.316	1937	1943	1945	rBV3	4635	6849	0.12%	0.018%
26	15.004	2053	2060	2065	rBV	106502	167016	2.89%	0.447%
27	15.057	2065	2069	2077	rVB3	15925	32504	0.56%	0.087%
28	15.157	2082	2086	2087	rVV4	9749	13544	0.23%	0.036%
29	15.174	2087	2089	2093	rVB5	9761	13427	0.23%	0.036%
30	15.733	2180	2184	2190	rBV2	23785	38154	0.66%	0.102%
31	15.792	2193	2194	2199	rVB4	4180	5970	0.10%	0.016%
32	16.339	2283	2287	2291	rVB5	12223	16487	0.29%	0.044%
33	16.415	2296	2300	2304	rBV5	8695	13769	0.24%	0.037%
34	16.498	2311	2314	2318	rBV5	5817	7352	0.13%	0.020%

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Misc :
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Instrument : BNA_M
ClientSampleId : DBD12

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-BM020620MA.M
Title : SVOA CALIBRATION

35	16.568	2318	2326	2331	rVV3	10848	21932	0.38%	0.059%
36	16.621	2331	2335	2339	rVV6	5671	9927	0.17%	0.027%
37	16.751	2350	2357	2361	rBV	1688499	2427664	41.98%	6.496%
38	16.792	2361	2364	2369	rVV	163532	244125	4.22%	0.653%
39	16.851	2369	2374	2377	rVV2	129624	222731	3.85%	0.596%
40	16.886	2377	2380	2386	rVV	143856	225284	3.90%	0.603%
41	16.957	2388	2392	2397	rVB4	21693	39919	0.69%	0.107%
42	17.074	2408	2412	2416	rVB6	7595	10333	0.18%	0.028%
43	17.115	2416	2419	2420	rBV3	6020	6027	0.10%	0.016%
44	17.168	2420	2428	2432	rBV4	59498	98428	1.70%	0.263%
45	17.280	2442	2447	2454	rVV2	40987	69221	1.20%	0.185%
46	17.333	2454	2456	2459	rVB3	6676	6241	0.11%	0.017%
47	17.421	2467	2471	2473	rBV4	10844	14385	0.25%	0.038%
48	17.545	2490	2492	2494	rBV3	6968	6184	0.11%	0.017%
49	17.621	2500	2505	2511	rBV4	26161	54773	0.95%	0.147%
50	17.686	2511	2516	2525	rVV5	31967	84848	1.47%	0.227%
51	17.756	2525	2528	2532	rVB2	32606	44178	0.76%	0.118%
52	17.821	2534	2539	2549	rBV2	99576	207812	3.59%	0.556%
53	17.956	2559	2562	2566	rVV3	21686	28340	0.49%	0.076%
54	17.992	2566	2568	2571	rVV4	9130	10933	0.19%	0.029%
55	18.033	2573	2575	2582	rVB8	11624	19174	0.33%	0.051%
56	18.098	2584	2586	2589	rBV3	16797	22027	0.38%	0.059%
57	18.139	2589	2593	2596	rVV4	19461	24525	0.42%	0.066%
58	18.174	2596	2599	2604	rVB6	34524	50102	0.87%	0.134%
59	18.262	2612	2614	2617	rVB4	7021	5993	0.10%	0.016%
60	18.356	2627	2630	2631	rBV3	7594	8140	0.14%	0.022%
61	18.392	2632	2636	2640	rVB5	23085	37023	0.64%	0.099%
62	18.439	2640	2644	2647	rBV4	13409	22126	0.38%	0.059%
63	18.480	2647	2651	2657	rBV	45280	69602	1.20%	0.186%
64	18.568	2661	2666	2671	rBV5	44954	88596	1.53%	0.237%
65	18.627	2671	2676	2679	rBV4	38818	60797	1.05%	0.163%
66	18.692	2683	2687	2695	rBV	429784	674370	11.66%	1.805%
67	18.821	2703	2709	2718	rBV	1781081	2394545	41.41%	6.408%
68	18.921	2720	2726	2732	rVB2	85895	157465	2.72%	0.421%
69	18.968	2732	2734	2737	rBV4	23641	28771	0.50%	0.077%
70	19.056	2744	2749	2754	rBV2	84123	164492	2.84%	0.440%
71	19.186	2761	2771	2781	rBV	3805509	5476035	94.69%	14.654%

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Instrument : BNA_M
ClientSampleId : DBD12

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Title : SVOA CALIBRATION

72	19.274	2782	2786	2794	rVB4	51779	110542	1.91%	0.296%
73	19.374	2799	2803	2806	rBV	62869	81601	1.41%	0.218%
74	19.433	2809	2813	2819	rVB	167382	275547	4.76%	0.737%
75	19.533	2822	2830	2834	rBV4	228606	482002	8.33%	1.290%
76	19.668	2847	2853	2862	rVB4	271525	775989	13.42%	2.077%
77	19.798	2871	2875	2878	rBV	112994	144588	2.50%	0.387%
78	19.850	2878	2884	2888	rBV2	324438	509363	8.81%	1.363%
79	19.886	2888	2890	2895	rVB2	72395	100665	1.74%	0.269%
80	19.992	2904	2908	2912	rBV	216238	298556	5.16%	0.799%
81	20.033	2912	2915	2921	rVV2	143626	219552	3.80%	0.588%
82	20.262	2950	2954	2957	rBV5	57701	119522	2.07%	0.320%
83	20.409	2975	2979	2981	rBV3	52647	87899	1.52%	0.235%
84	20.445	2982	2985	2993	rVB2	111720	200924	3.47%	0.538%
85	20.609	3008	3013	3016	rBV3	133771	236906	4.10%	0.634%
86	20.650	3016	3020	3022	rVV	269042	293240	5.07%	0.785%
87	20.680	3022	3025	3031	rVB2	353859	504202	8.72%	1.349%
88	20.962	3062	3073	3077	rBV2	3260887	5783198	100.00%	15.476%
89	20.997	3077	3079	3087	rVB	867310	1236206	21.38%	3.308%
90	21.115	3097	3099	3101	rBV	110955	95758	1.66%	0.256%
91	21.268	3122	3125	3131	rBV	113521	141831	2.45%	0.380%
92	21.680	3193	3195	3198	rBV	113695	107665	1.86%	0.288%
93	22.439	3318	3324	3328	rBV	1104438	2270735	39.26%	6.077%
94	22.862	3392	3396	3401	rBV	491067	767114	13.26%	2.053%
95	22.950	3408	3411	3416	rVB	368871	542010	9.37%	1.450%
96	23.038	3421	3426	3432	rVB	2252373	3721373	64.35%	9.958%

Sum of corrected areas: 37369126

LSC Report - Integrated Chromatogram

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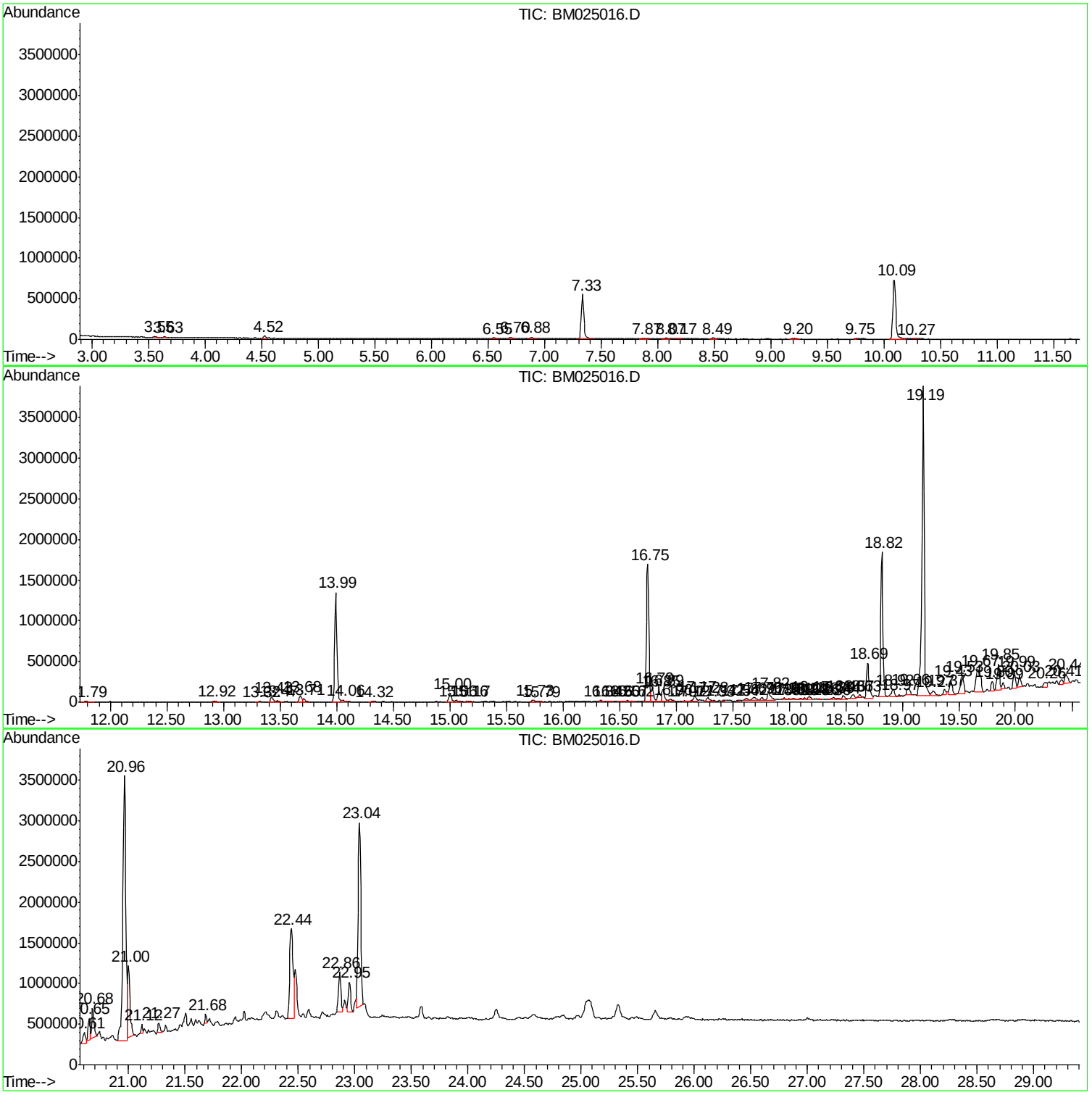
Sample : L1507-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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\BM022120\
Data File : BM025016.D
Acq On : 22 Feb 2020 08:45
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

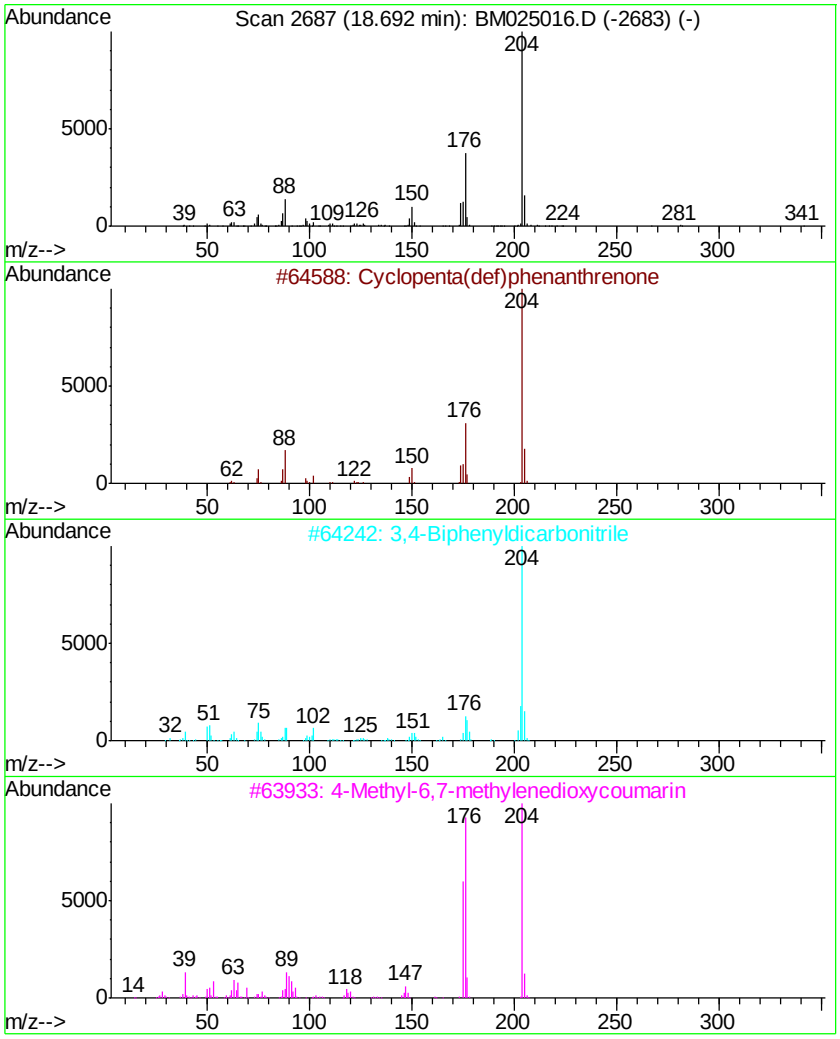
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

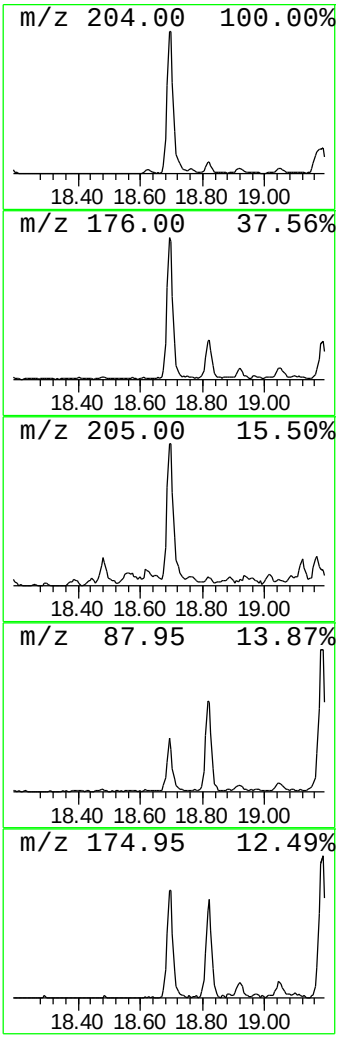
****

Peak Number 1 Cyclopenta(def)phenanthrenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	5.56 ng/ul	674370	Phenanthrene-d10	16.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	72
3	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	58
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50





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Instrument : BNA_M
ClientSampleId : DBD12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

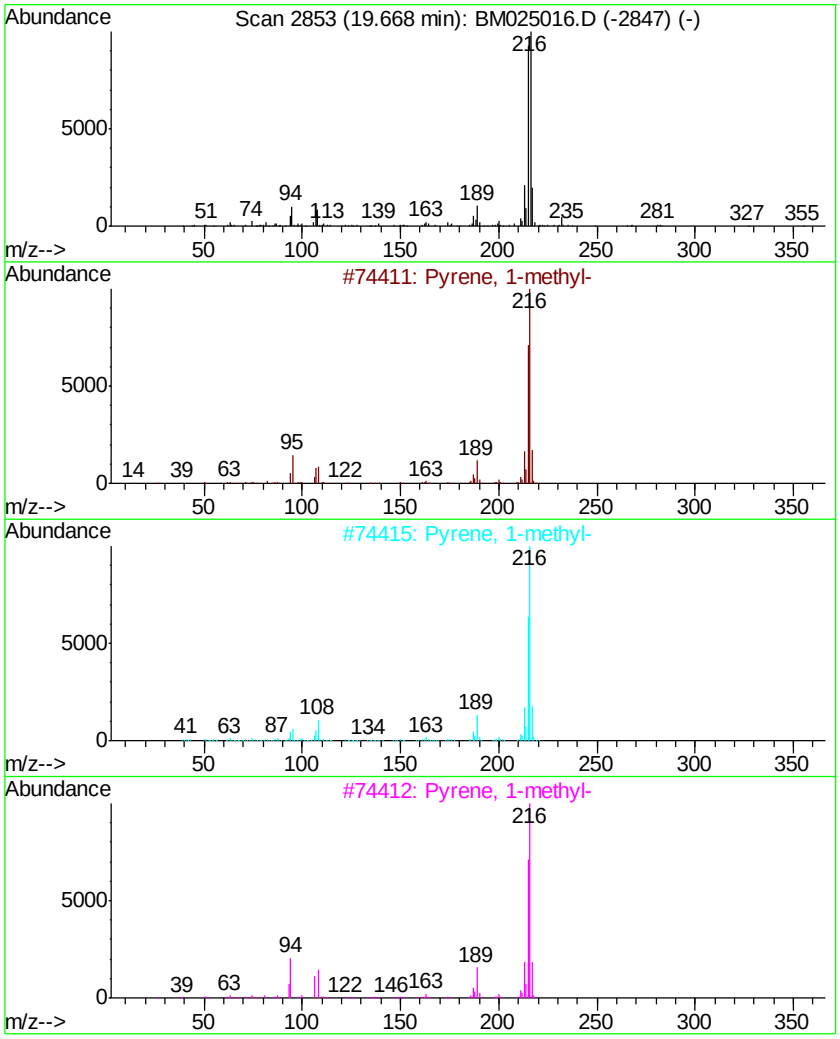
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

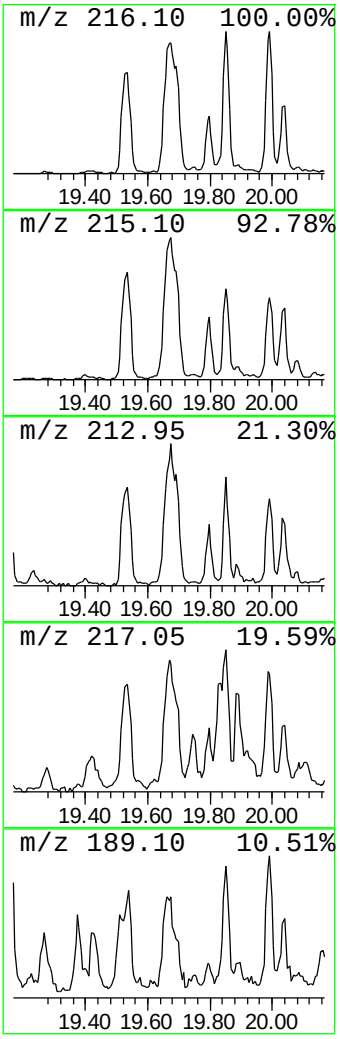
****

Peak Number 2 Pyrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	2.68 ng/ul	775989	Chrysene-d12	20.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91





Tentatively Identified Compound (LSC) summary

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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
Cyclopenta(def)ph...	18.69	5.6	ng/ul	674370	4	16.75	2427660	20.0
Pyrene, 1-methyl-	19.67	2.7	ng/ul	775989	5	20.96	5783200	20.0