LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013421.D
Acq On : 15 Dec 2017 03:03
Operator : SJ/JU
Sample : I6775-18 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A63

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-BM113017.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	6.857	636	641	647	rBV4	60921	122686	2.25%	0.273%
2	7.022	663	669	677	rBV2	52654	92029	1.69%	0.205%
3	7.210	696	701	709	rVB	73293	116750	2.15%	0.260%
4	7.675	774	780	790	rBV	928047	1450578	26.66%	3.233%
5	8.386	895	901	910	rBV4	80100	156751	2.88%	0.349%
6	8.828	969	976	986	rBV	70701	126544	2.33%	0.282%
7	9.551	1092	1099	1104	rBV3	55354	98144	1.80%	0.219%
8	10.086	1184	1190	1196	rBV4	73275	133289	2.45%	0.297%
9	10.451	1245	1252	1260	rBV	1311120	2198782	40.41%	4.900%
10	10.610	1272	1279	1289	rBV2	40028	84146	1.55%	0.188%
11	13.733	1805	1810	1814	rBV	181932	250766	4.61%	0.559%
12	13.780	1814	1818	1826	rVB	45836	77175	1.42%	0.172%
13	14.010	1850	1857	1860	rBV	196606	337823	6.21%	0.753%
14	14.033	1860	1861	1869	rVB	147867	181311	3.33%	0.404%
15	14.321	1901	1910	1918	rBV2	1870878	2986371	54.89%	6.655%
16	14.551	1939	1949	1959	rBV8	31549	82183	1.51%	0.183%
17	15.315	2072	2079	2085	rBV	253432	377831	6.94%	0.842%
18	15.445	2096	2101	2106	rBV2	42448	68106	1.25%	0.152%
19	16.045	2196	2203	2214	rVB7	65203	128853	2.37%	0.287%
20	16.721	2313	2318	2329	rBV2	333328	519763	9.55%	1.158%
21	17.068	2371	2377	2381	rVV2	2422415	3415054	62.76%	7.610%
22	17.109	2381	2384	2388	rVV	239318	319366	5.87%	0.712%
23	17.162	2388	2393	2396	rVV	287466	435845	8.01%	0.971%
24	17.198	2396	2399	2405	rVV	301406	420612	7.73%	0.937%
25	17.474	2442	2446	2451	rBV	73934	107937	1.98%	0.241%
26	17.574	2460	2463	2469	rBV6	34255	60290	1.11%	0.134%
27	18.068	2543	2547	2551	rBV2	51659	73372	1.35%	0.164%
28	18.145	2554	2560	2567	rVV3	76854	173471	3.19%	0.387%
29	18.262	2576	2580	2584	rBV6	51508	79907	1.47%	0.178%
30	18.339	2589	2593	2599	rVV2	67145	113656	2.09%	0.253%
31	18.492	2615	2619	2624	rVB5	74984	99460	1.83%	0.222%
32	19.003	2702	2706	2712	rBV	135266	180862	3.32%	0.403%
33	19.127	2722	2727	2732	rVB	1426477	1811885	33.30%	4.038%
34	19.197	2735	2739	2741	rBV5	43628	55374	1.02%	0.123%

LSC Area Percent Report

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Misc :
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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-BM113017.M
Title : SVOA CALIBRATION

35	19.227	2742	2744	2747	rVV2	52142	54552	1.00%	0.122%
36	19.274	2750	2752	2757	rVB	56370	75713	1.39%	0.169%
37	19.462	2779	2784	2785	rBV2	515779	602563	11.07%	1.343%
38	19.492	2785	2789	2798	rVV	1708012	2440013	44.84%	5.438%
39	19.568	2799	2802	2808	rVB5	69778	124508	2.29%	0.277%
40	19.739	2826	2831	2837	rVB	383813	549878	10.11%	1.225%
41	19.827	2840	2846	2851	rVV3	163886	363031	6.67%	0.809%
42	19.968	2863	2870	2877	rVB3	219889	633973	11.65%	1.413%
43	20.039	2879	2882	2887	rVB	120408	147739	2.72%	0.329%
44	20.144	2894	2900	2904	rBV3	210202	416257	7.65%	0.928%
45	20.186	2905	2907	2911	rVB2	106603	102561	1.88%	0.229%
46	20.286	2920	2924	2928	rBV2	225864	320634	5.89%	0.715%
47	20.327	2928	2931	2936	rVB4	121327	210364	3.87%	0.469%
48	20.650	2984	2986	2990	rVB5	91705	103643	1.90%	0.231%
49	20.739	2997	3001	3009	rVB2	237979	331838	6.10%	0.739%
50	20.939	3032	3035	3038	rBV	190831	228416	4.20%	0.509%
51	20.980	3038	3042	3047	rVB	353352	511538	9.40%	1.140%
52	21.256	3079	3089	3093	rBV2	2789179	5441020	100.00%	12.125%
53	21.291	3093	3095	3102	rVB2	869574	1255710	23.08%	2.798%
54	21.409	3113	3115	3122	rVB4	121146	235187	4.32%	0.524%
55	21.562	3137	3141	3147	rBV2	218707	367191	6.75%	0.818%
56	21.615	3148	3150	3154	rVB4	114310	130572	2.40%	0.291%
57	21.997	3212	3215	3218	rBV	143211	185774	3.41%	0.414%
58	22.815	3348	3354	3360	rBV	1859154	4334395	79.66%	9.659%
59	22.985	3378	3383	3391	rVB	288236	499748	9.18%	1.114%
60	23.285	3429	3434	3440	rBV	871200	1519929	27.93%	3.387%
61	23.385	3445	3451	3457	rVB	929480	1752160	32.20%	3.905%
62	23.480	3460	3467	3472	rVV	1157718	2327251	42.77%	5.186%
63	23.527	3472	3475	3484	rVB2	338961	669512	12.30%	1.492%
64	25.703	3838	3845	3847	rBV2	475163	1022246	18.79%	2.278%
65	26.379	3954	3960	3974	rVB	331588	978442	17.98%	2.180%

Sum of corrected areas: 44873330

LSC Report - Integrated Chromatogram

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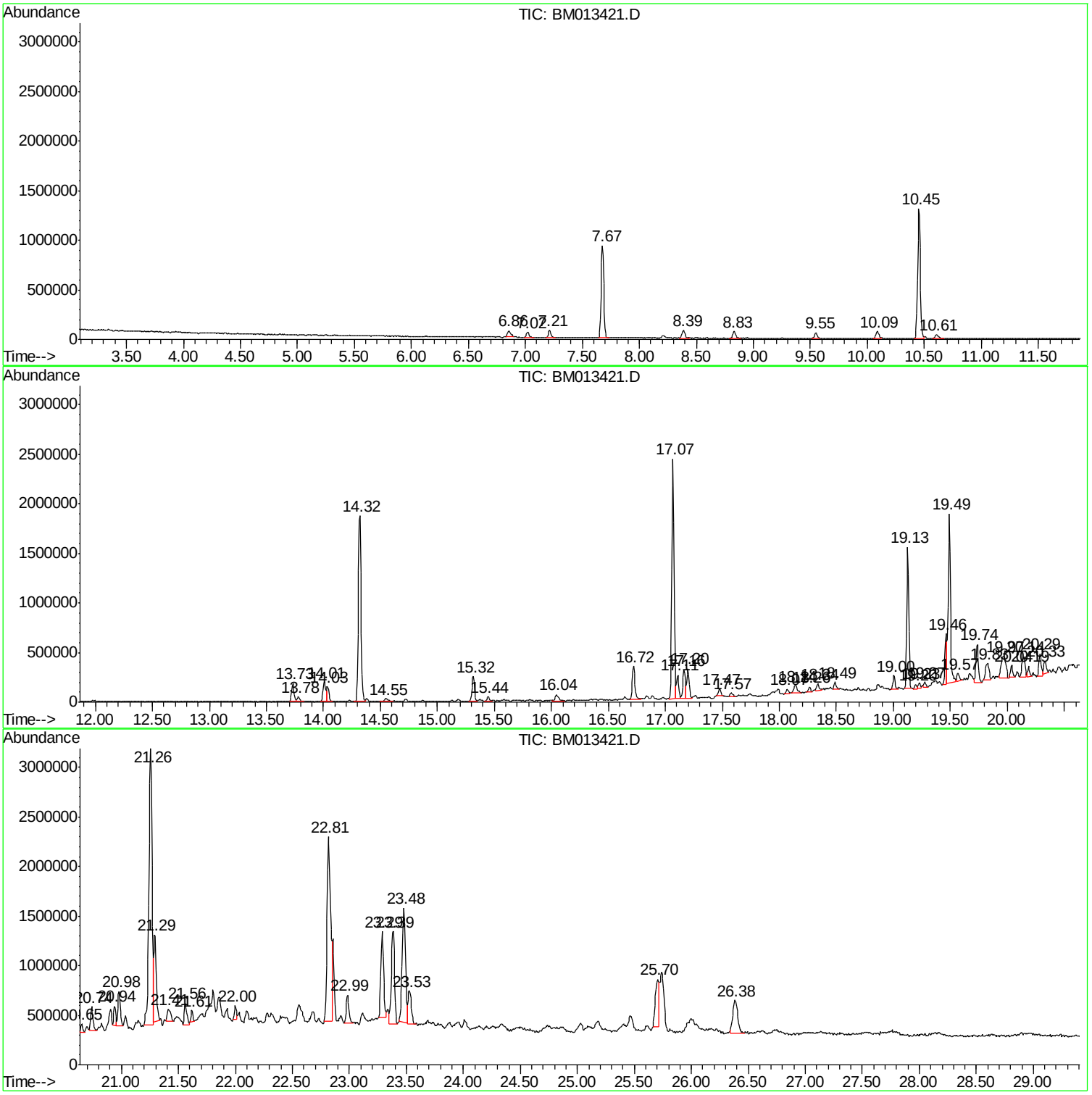
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A63

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

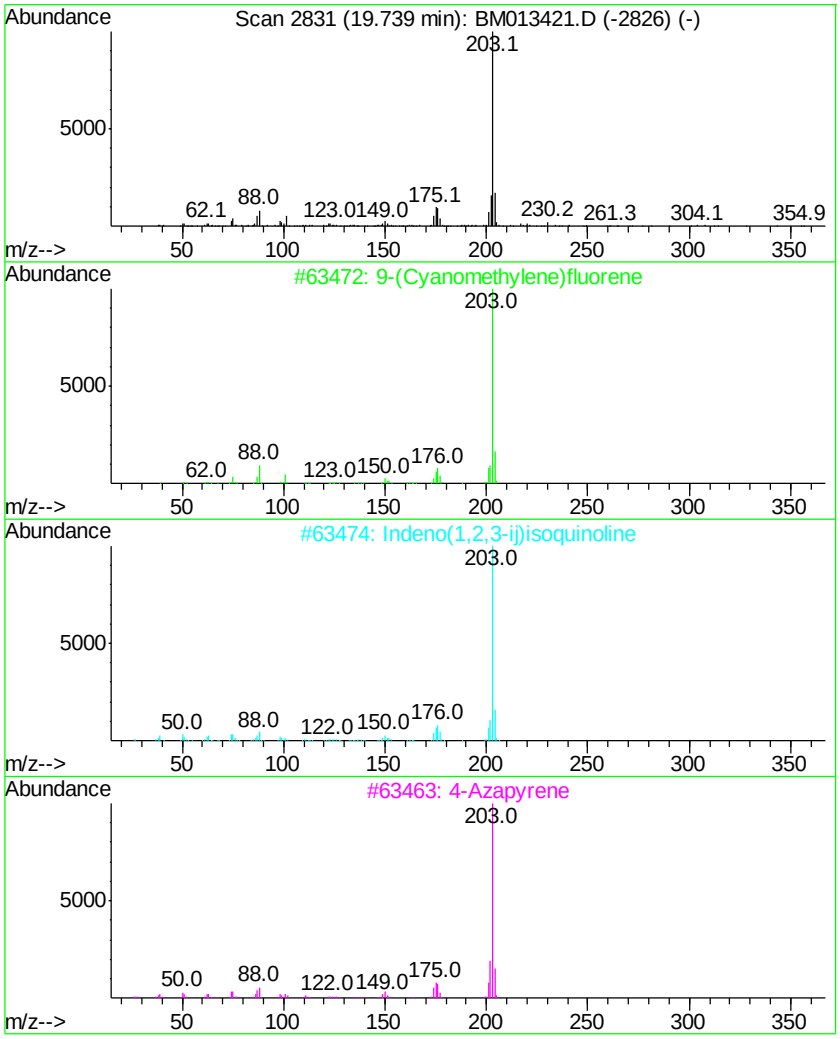
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

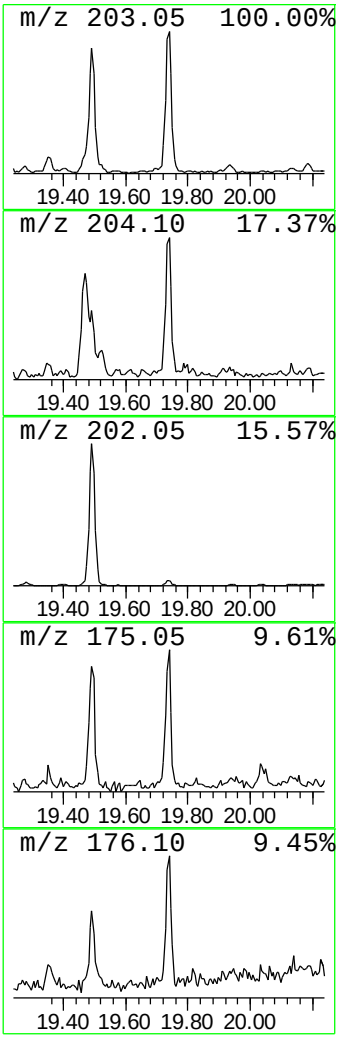
****

Peak Number 1 9-(Cyanomethylene)fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.02 ng/ul	549878	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	95
2	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	95
3	4-Azapyrene	203	C15H9N	000194-03-6	95
4	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	93
5	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	90





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Instrument : BNA_M
ClientSampleId : F9A63

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

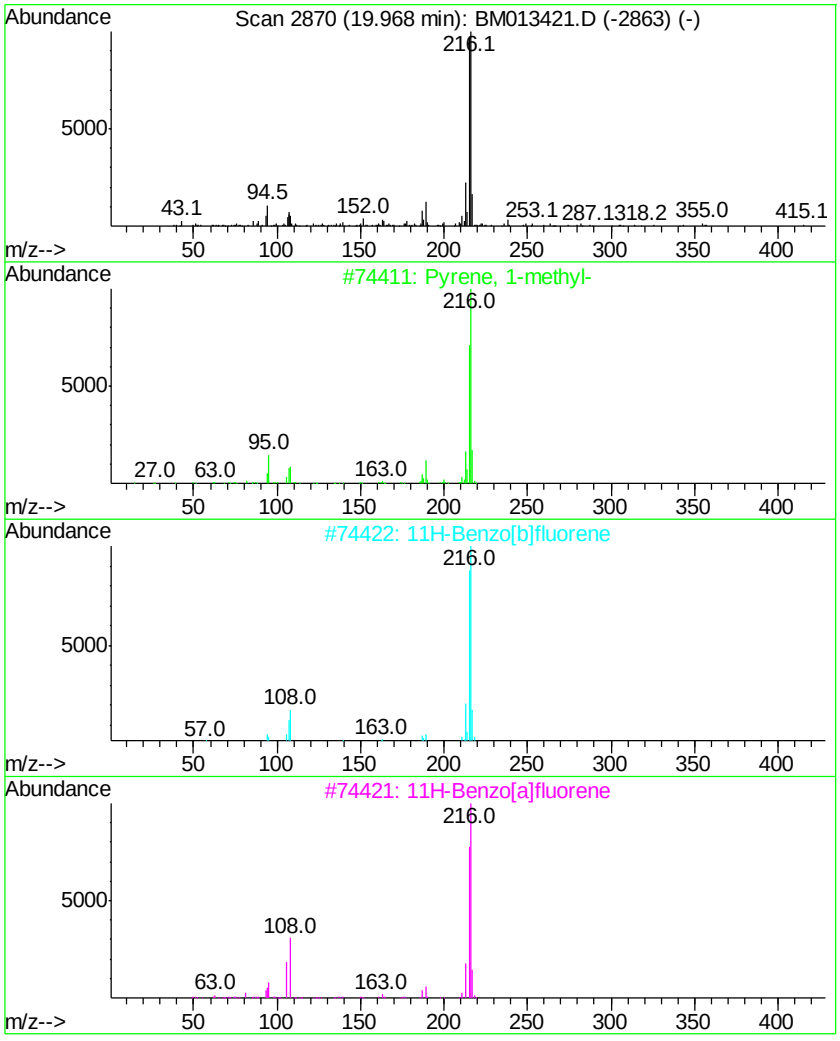
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

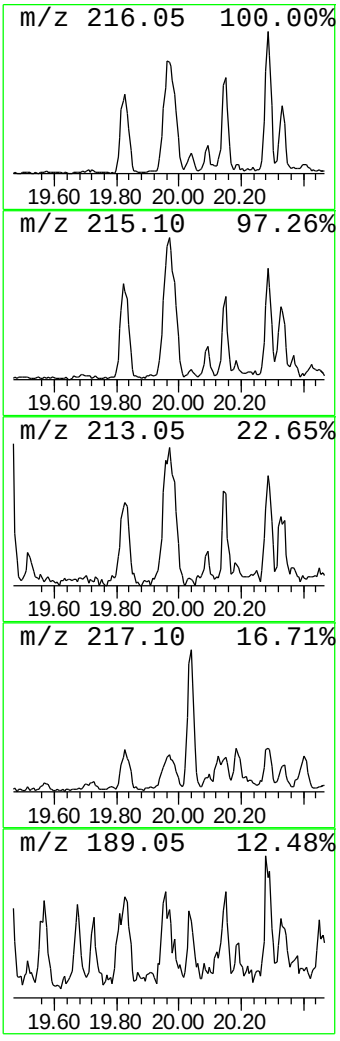
****

Peak Number 2 Pyrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	2.33 ng/ul	633973	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
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Sample : I6775-18 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A63

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

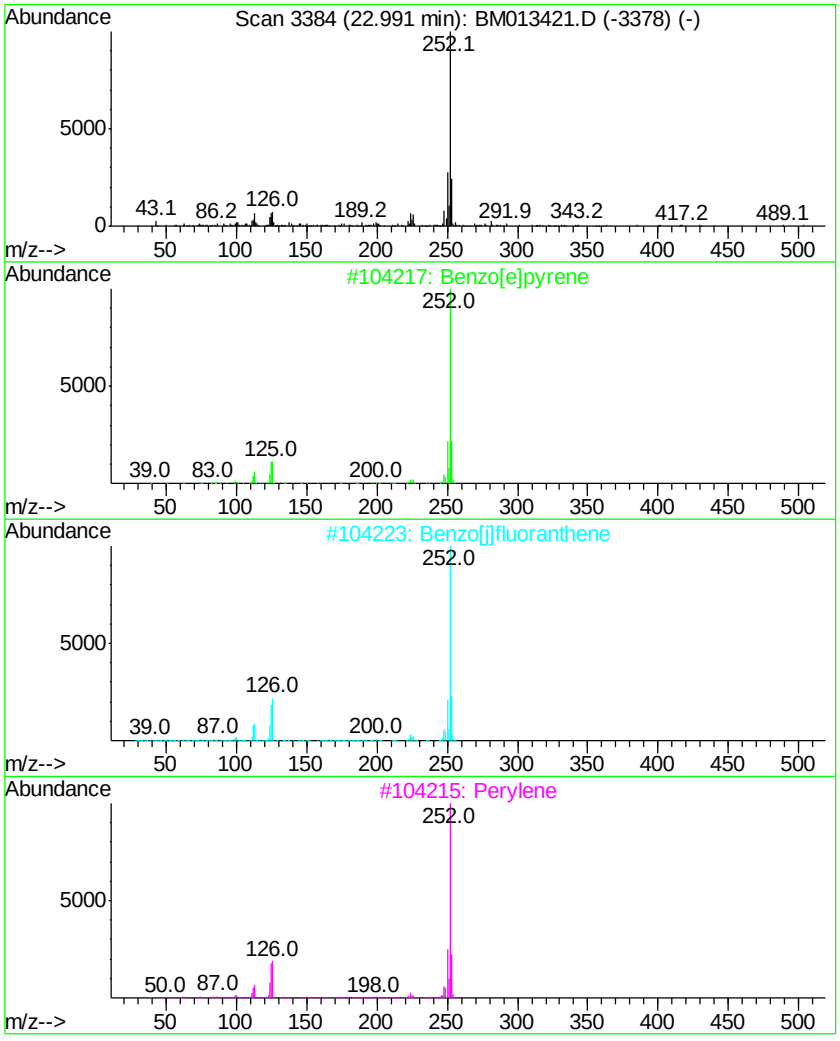
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

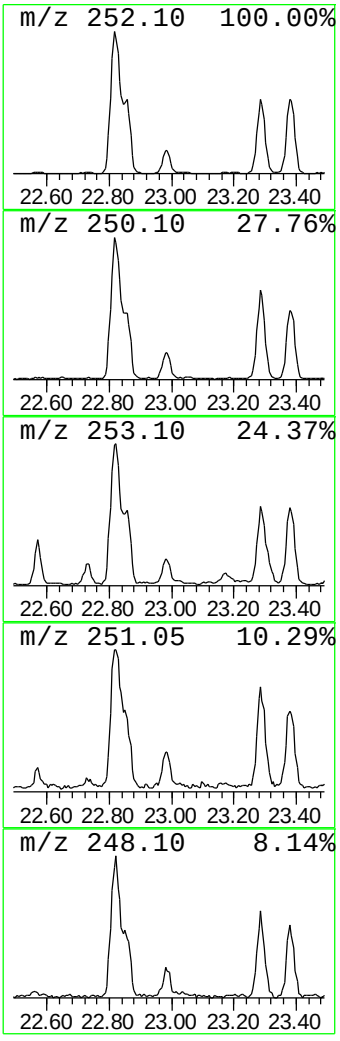
****

Peak Number 3 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	4.29 ng/ul	499748	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	87





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
9-(Cyanomethylene...	19.74	2.0	ng/ul	549878	5	21.26	5441020	20.0
Pyrene, 1-methyl-	19.97	2.3	ng/ul	633973	5	21.26	5441020	20.0
Benzo[e]pyrene	22.99	4.3	ng/ul	499748	6	23.48	2327250	20.0