LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037899.D
Acq On : 08 Dec 2022 22:44
Operator : CG/JU
Sample : N5832-10 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK7

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\SFAM-EPA-BM120722.M
Title : SVOA CALIBRATION

Signal : TIC: BM037899.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.422	4	6	15	rVB	14058	22158	0.11%	0.037%
2	3.881	78	84	94	rBV2	39028	88029	0.43%	0.147%
3	3.969	95	99	106	rVB	22980	34809	0.17%	0.058%
4	4.193	132	137	144	rBV3	20705	30912	0.15%	0.052%
5	7.240	649	655	663	rVB	217023	350773	1.71%	0.587%
6	7.404	677	683	695	rVB	172696	273132	1.33%	0.457%
7	7.610	712	718	725	rBV	214517	342912	1.67%	0.574%
8	8.087	791	799	806	rBV	1204262	1889770	9.19%	3.162%
9	8.628	884	891	899	rBV2	29804	64679	0.31%	0.108%
10	8.792	913	919	928	rBV	247374	388171	1.89%	0.649%
11	8.922	935	941	946	rVB2	13354	22664	0.11%	0.038%
12	9.257	991	998	1008	rBV	204946	331601	1.61%	0.555%
13	9.981	1114	1121	1128	rBV	155916	263411	1.28%	0.441%
14	10.522	1206	1213	1223	rBV	240685	408296	1.99%	0.683%
15	10.904	1271	1278	1284	rBV	1595073	2697689	13.12%	4.514%
16	10.957	1284	1287	1293	rVV	104388	154883	0.75%	0.259%
17	11.045	1293	1302	1313	rVV	110424	209385	1.02%	0.350%
18	12.557	1550	1559	1566	rBV	85695	138368	0.67%	0.232%
19	12.775	1589	1596	1602	rVB2	18516	34058	0.17%	0.057%
20	13.551	1718	1728	1732	rBV2	31856	67711	0.33%	0.113%
21	13.604	1732	1737	1744	rVB	31787	51621	0.25%	0.086%
22	13.874	1778	1783	1793	rVB7	14362	35975	0.17%	0.060%
23	14.033	1803	1810	1815	rBV8	13075	27448	0.13%	0.046%
24	14.116	1815	1824	1830	rVV	379670	555403	2.70%	0.929%
25	14.174	1830	1834	1839	rVV6	17125	31769	0.15%	0.053%
26	14.245	1839	1846	1847	rVV4	11918	22145	0.11%	0.037%
27	14.269	1847	1850	1858	rVB3	24429	43306	0.21%	0.072%
28	14.410	1867	1874	1878	rBV	462963	748568	3.64%	1.252%
29	14.592	1901	1905	1910	rBV	27169	37052	0.18%	0.062%
30	14.716	1914	1926	1933	rBV	2146872	3177757	15.45%	5.317%
31	14.774	1933	1936	1944	rVB	68550	111293	0.54%	0.186%
32	14.910	1953	1959	1969	rBV	83126	154939	0.75%	0.259%
33	15.110	1985	1993	2003	rBV	153542	248342	1.21%	0.416%
34	15.539	2061	2066	2070	rVB	40679	53586	0.26%	0.090%
35	15.698	2088	2093	2098	rBV	598115	856198	4.16%	1.433%
36	15.757	2098	2103	2109	rVV	357777	495976	2.41%	0.830%

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Integrator: RTE
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Title : SVOA CALIBRATION

37	15.815	2109	2113	2120	rVB	101174	141989	0.69%	0.238%
38	15.945	2127	2135	2140	rBV4	26868	59873	0.29%	0.100%
39	16.004	2142	2145	2149	rVB2	19965	25794	0.13%	0.043%
40	16.063	2149	2155	2159	rBV2	40048	67552	0.33%	0.113%
41	16.168	2167	2173	2175	rBV3	37170	58485	0.28%	0.098%
42	16.398	2207	2212	2214	rBV	106354	148172	0.72%	0.248%
43	16.421	2214	2216	2223	rVB4	76431	123917	0.60%	0.207%
44	16.751	2263	2272	2277	rBV10	25747	77135	0.38%	0.129%
45	16.804	2278	2281	2288	rVB9	19787	36324	0.18%	0.061%
46	17.104	2328	2332	2337	rBV	80445	104660	0.51%	0.175%
47	17.186	2342	2346	2351	rVV2	81993	115985	0.56%	0.194%
48	17.239	2351	2355	2358	rVV	64828	98065	0.48%	0.164%
49	17.274	2358	2361	2366	rVB	47870	64489	0.31%	0.108%
50	17.451	2385	2391	2395	rBV	2320783	3260185	15.85%	5.455%
51	17.492	2395	2398	2403	rVB	738407	1031779	5.02%	1.726%
52	17.598	2409	2416	2422	rVB	13068144	20562837	100.00%	34.406%
53	17.733	2434	2439	2446	rVB	130394	205401	1.00%	0.344%
54	17.857	2454	2460	2469	rBV	1958309	2678161	13.02%	4.481%
55	17.927	2469	2472	2476	rVB	89271	100950	0.49%	0.169%
56	18.327	2535	2540	2544	rBV4	158757	225193	1.10%	0.377%
57	18.374	2545	2548	2555	rVB	71704	94778	0.46%	0.159%
58	18.456	2557	2562	2568	rVB	243679	330416	1.61%	0.553%
59	18.527	2568	2574	2577	rBV2	145658	242653	1.18%	0.406%
60	18.615	2586	2589	2594	rBV2	114923	158706	0.77%	0.266%
61	18.668	2595	2598	2602	rVB	44356	52149	0.25%	0.087%
62	18.715	2602	2606	2611	rBV	132307	196302	0.95%	0.328%
63	18.862	2627	2631	2636	rBV	157933	199341	0.97%	0.334%
64	19.239	2692	2695	2699	rBV3	78890	98560	0.48%	0.165%
65	19.286	2700	2703	2708	rBV5	66951	105170	0.51%	0.176%
66	19.380	2715	2719	2727	rBV	95615	164409	0.80%	0.275%
67	19.498	2734	2739	2745	rVB	1092086	1404510	6.83%	2.350%
68	19.598	2752	2756	2760	rBV	80149	119529	0.58%	0.200%
69	19.721	2774	2777	2790	rVB2	123125	233885	1.14%	0.391%
70	19.833	2790	2796	2798	rBV2	781216	1215728	5.91%	2.034%
71	19.862	2798	2801	2808	rVB	1035345	1321465	6.43%	2.211%
72	20.103	2838	2842	2848	rVB	360484	488036	2.37%	0.817%
73	20.398	2889	2892	2897	rBV	101357	130125	0.63%	0.218%
74	20.450	2898	2901	2904	rVB2	97689	119183	0.58%	0.199%
75	20.650	2932	2935	2939	rBV	104830	140625	0.68%	0.235%
76	21.303	3042	3046	3049	rBV2	226257	285051	1.39%	0.477%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Title : SVOA CALIBRATION

77	21.339	3049	3052	3056	rVB	194342	244502	1.19%	0.409%
78	21.621	3093	3100	3103	rBV2	2122482	3512612	17.08%	5.877%
79	21.656	3103	3106	3111	rVB	815385	1045331	5.08%	1.749%
80	23.344	3388	3393	3398	rBV	615116	1286643	6.26%	2.153%
81	23.944	3491	3495	3499	rBV2	251326	385998	1.88%	0.646%
82	24.103	3516	3522	3528	rBV	1363910	2538472	12.34%	4.247%

Sum of corrected areas: 59765914

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ClientSampleId :
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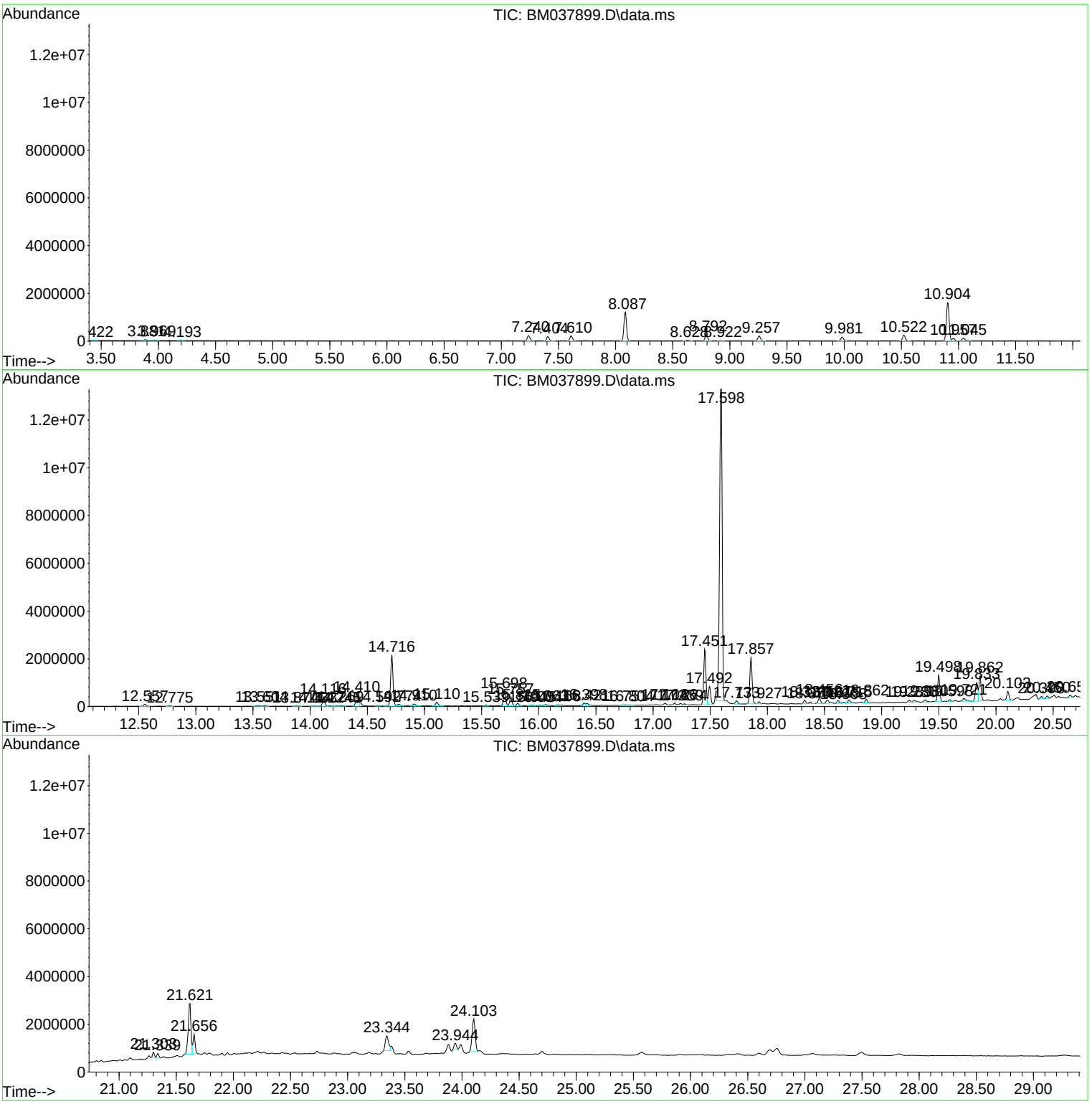
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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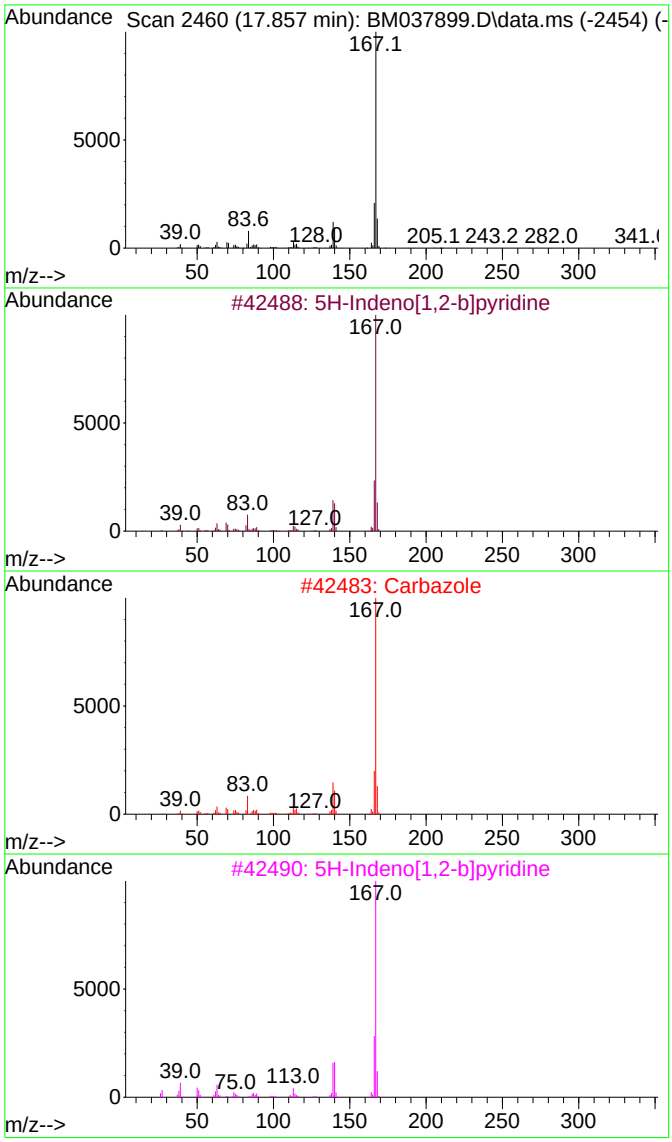
Quant Title : SVOA CALIBRATION

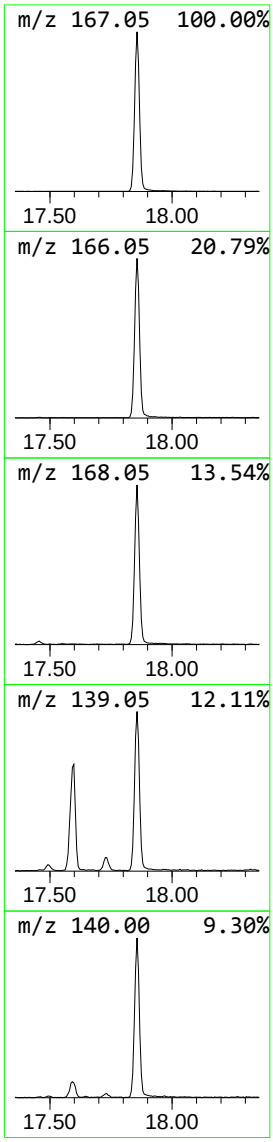
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 5H-Indeno[1,2-b]pyridine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.857	16.43 ng/ul	2678160	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	97
2	Carbazole	167	C12H9N	000086-74-8	97
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
4	Carbazole	167	C12H9N	000086-74-8	91
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	90





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Instrument :
BNA_M
ClientSampleId :
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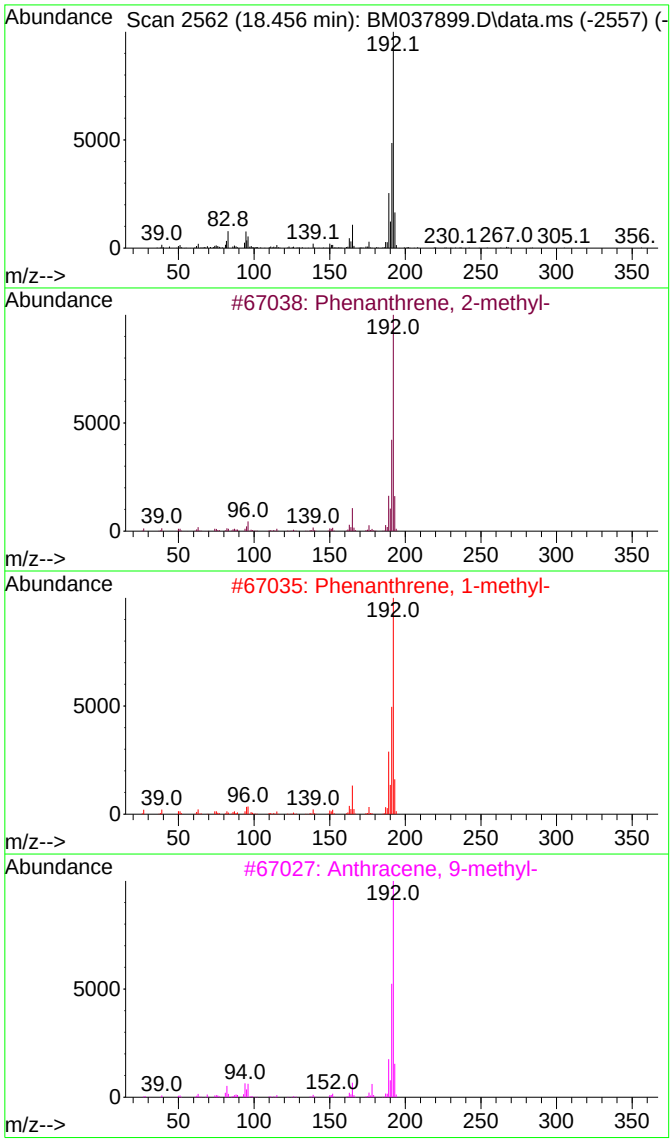
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

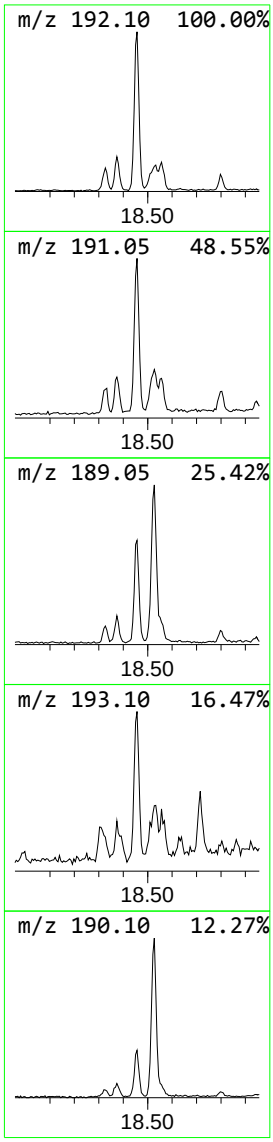
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.456	2.03 ng/ul	330416	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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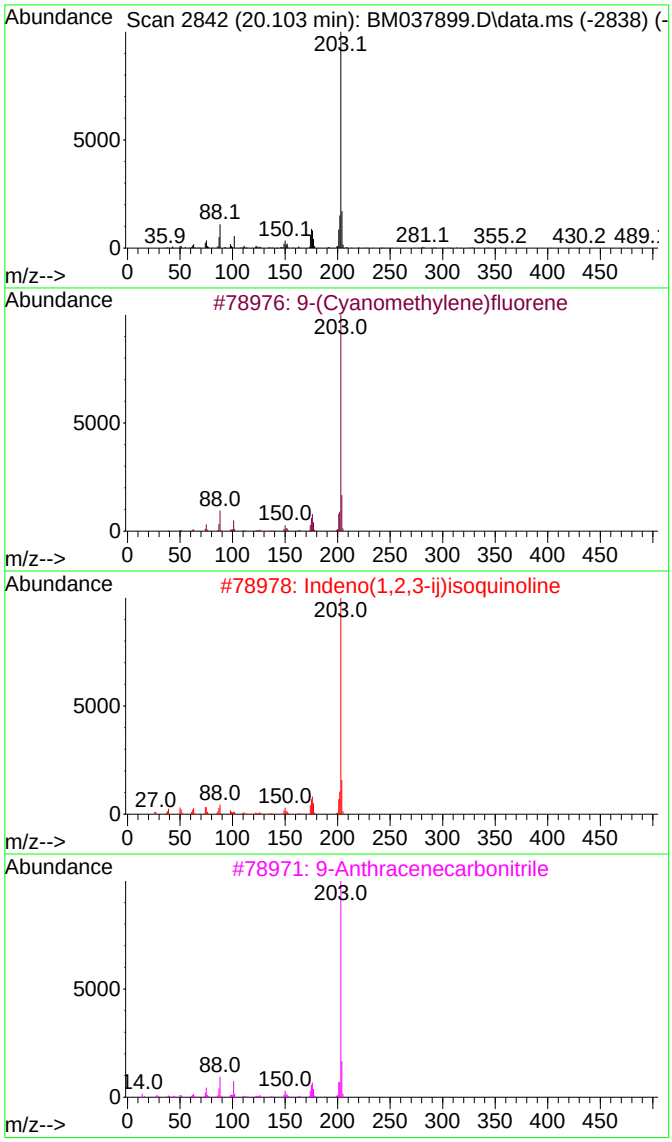
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

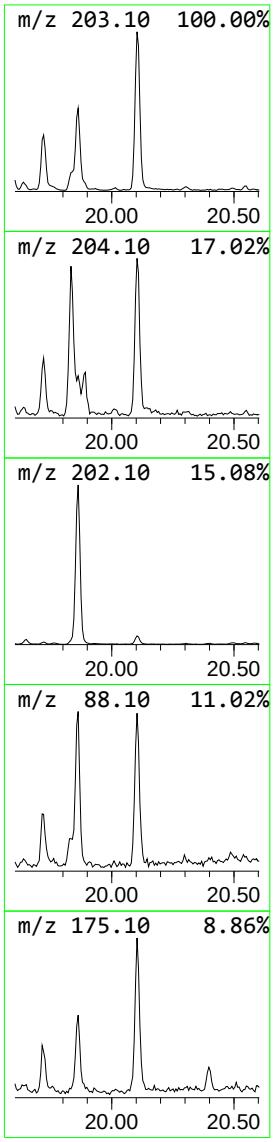
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9-(Cyanomethylene)fluorene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.103	2.78 ng/ul	488036	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	97
2	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	96
3	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	95
4	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	95
5	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	95





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
5H-Indeno[1,2-b...	17.857	16.4	ng/ul	2678160	4	17.451	3260190	20.0
Phenanthrene, 2...	18.456	2.0	ng/ul	330416	4	17.451	3260190	20.0
9-(Cyanomethyle...	20.103	2.8	ng/ul	488036	5	21.621	3512610	20.0