

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
 Data File : BM013504.D
 Acq On : 18 Dec 2017 18:24
 Operator : SJ/JU
 Sample : I6776-04MEDL 30X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A56MEDL

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 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	7.675	774	780	789	rBV	678679	1127187	13.64%	2.997%
2	10.451	1245	1252	1259	rBV	1004322	1674319	20.26%	4.451%
3	13.733	1805	1810	1814	rBV	63524	94975	1.15%	0.252%
4	14.010	1851	1857	1860	rBV	80196	129458	1.57%	0.344%
5	14.315	1902	1909	1918	rBV2	1451035	2249576	27.22%	5.981%
6	15.315	2074	2079	2085	rBV2	94109	150340	1.82%	0.400%
7	17.062	2368	2376	2382	rBV2	1812143	2658294	32.16%	7.067%
8	17.162	2388	2393	2396	rBV2	121883	163957	1.98%	0.436%
9	17.198	2396	2399	2404	rVB	83866	118061	1.43%	0.314%
10	17.586	2460	2465	2470	rBV	108386	151399	1.83%	0.403%
11	18.133	2552	2558	2563	rBV4	139946	234374	2.84%	0.623%
12	18.492	2615	2619	2625	rVB3	78905	113081	1.37%	0.301%
13	18.862	2677	2682	2686	rBV3	56762	101874	1.23%	0.271%
14	19.009	2702	2707	2713	rBV	711775	972810	11.77%	2.586%
15	19.133	2721	2728	2735	rVB	4645886	6310047	76.35%	16.776%
16	19.374	2765	2769	2779	rVB	141466	232832	2.82%	0.619%
17	19.497	2779	2790	2798	rBV	5420712	8264732	100.00%	21.972%
18	19.562	2798	2801	2810	rVB4	82939	156055	1.89%	0.415%
19	19.674	2815	2820	2824	rVV	141353	222210	2.69%	0.591%
20	19.815	2839	2844	2845	rBV	190994	261828	3.17%	0.696%
21	19.956	2862	2868	2870	rBV4	173053	299862	3.63%	0.797%
22	20.092	2887	2891	2894	rBV2	66533	88415	1.07%	0.235%
23	20.144	2894	2900	2904	rVV2	254802	416428	5.04%	1.107%
24	20.186	2904	2907	2911	rVV	109150	134450	1.63%	0.357%
25	20.286	2920	2924	2928	rBV	141702	202191	2.45%	0.538%
26	20.333	2928	2932	2936	rVV2	121535	176593	2.14%	0.469%
27	20.739	2997	3001	3007	rBV	296562	380059	4.60%	1.010%
28	20.897	3022	3028	3032	rBV2	249976	451081	5.46%	1.199%
29	20.944	3032	3036	3039	rVV	221744	306337	3.71%	0.814%
30	20.980	3039	3042	3047	rVV	200374	272193	3.29%	0.724%
31	21.039	3047	3052	3056	rVV	250645	329002	3.98%	0.875%
32	21.256	3081	3089	3093	rBV2	2307033	4261237	51.56%	11.329%
33	21.291	3093	3095	3106	rVB	1098146	1399507	16.93%	3.721%
34	21.562	3138	3141	3147	rBV3	69826	112154	1.36%	0.298%

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35	21.803	3180	3182	3187	rVB	83757	100432	1.22%	0.267%
36	22.815	3349	3354	3359	rBV2	454097	980407	11.86%	2.606%
37	23.285	3430	3434	3439	rBV	164218	259182	3.14%	0.689%
38	23.480	3460	3467	3474	rBV	1111393	2057552	24.90%	5.470%

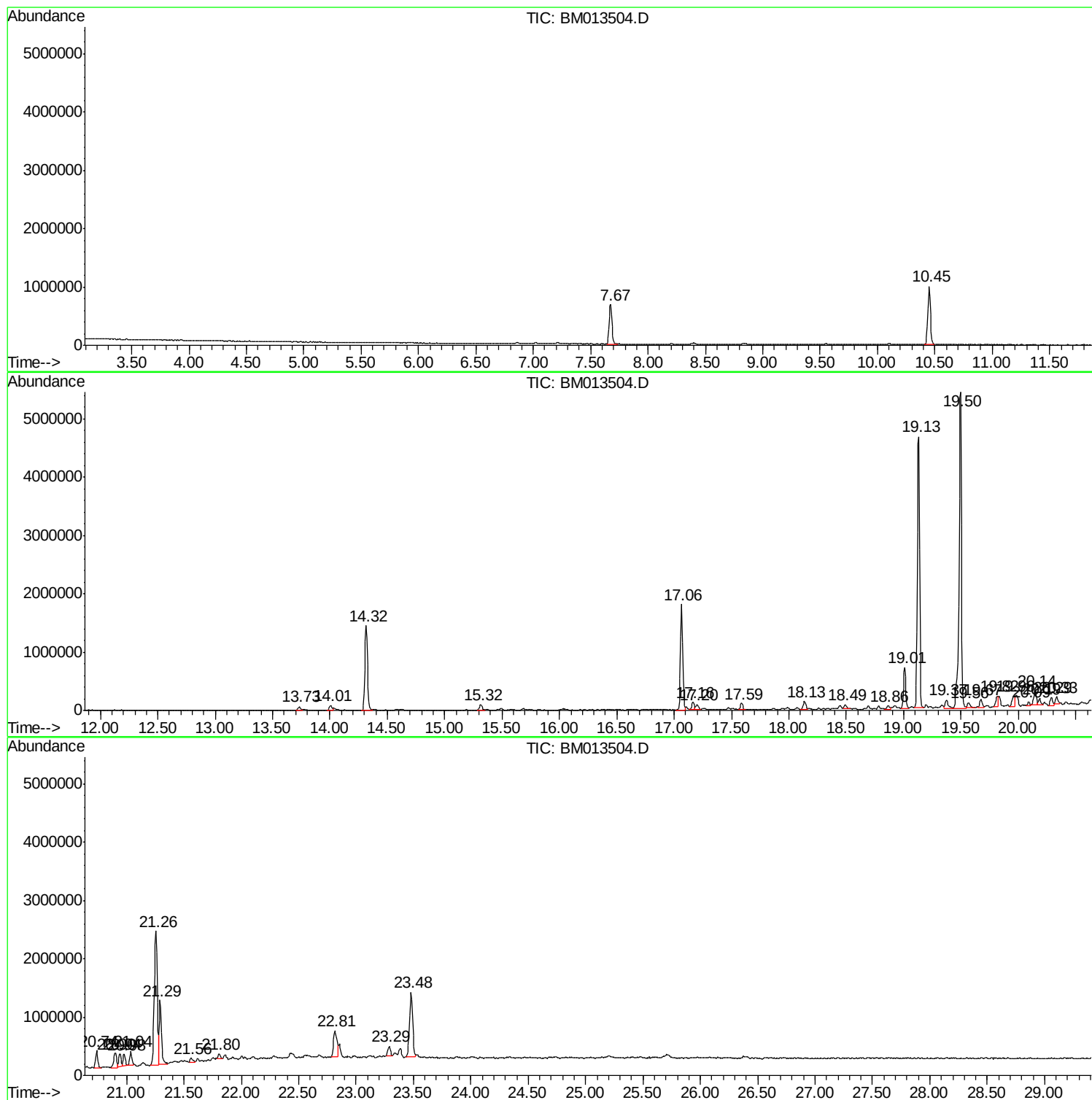
Sum of corrected areas: 37614491

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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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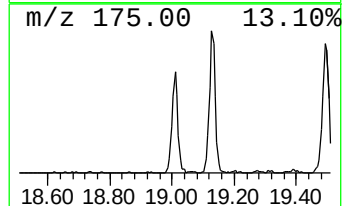
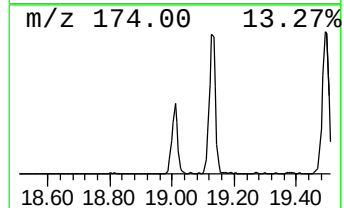
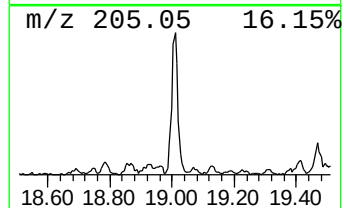
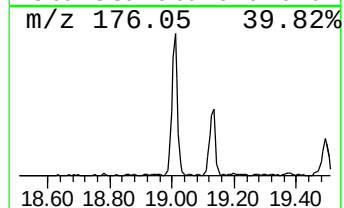
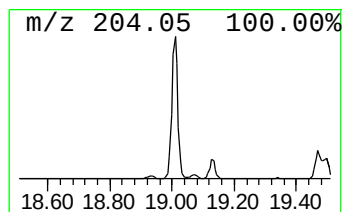
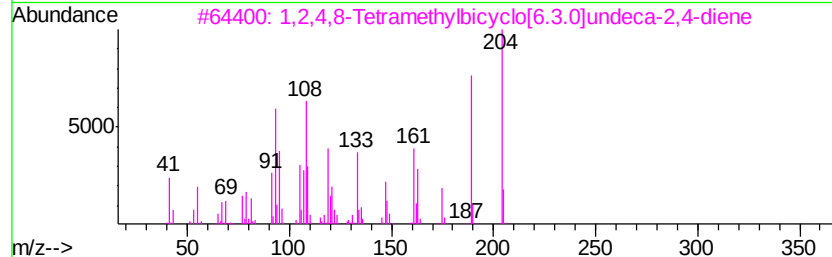
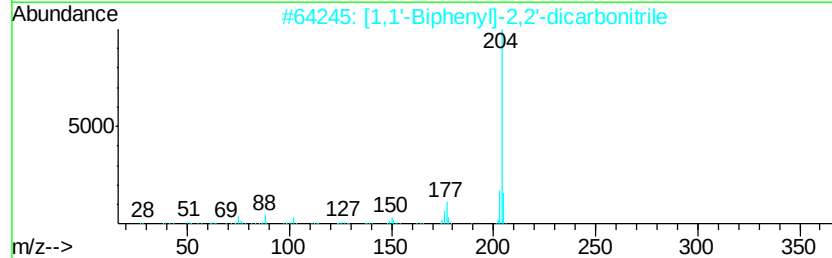
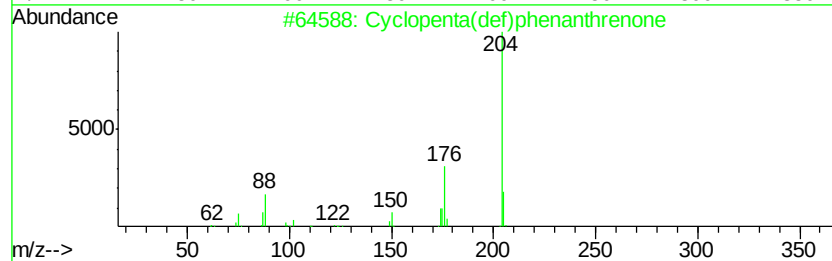
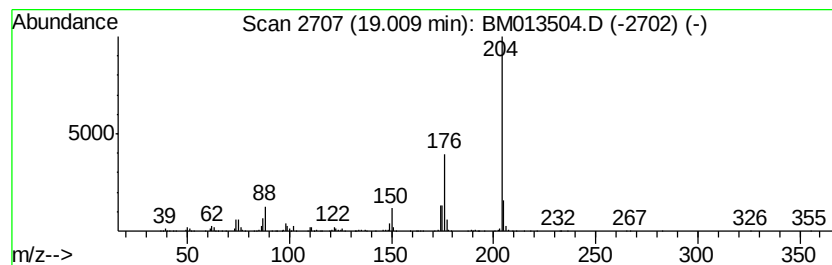
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Peak Number 1 Cyclopenta(def)phenanthrenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.01	7.32 ng/ul	972810	Phenanthrene-d10		17.06		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
3			1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	50
4			[1,2,4]Triazolo[5,1-b]quinazolin-6-ylidene	204	C10H12N4O	1000337-56-5	45
5			4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	45



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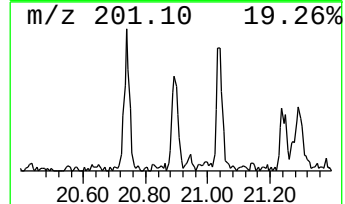
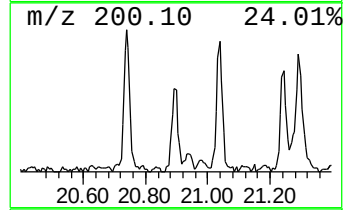
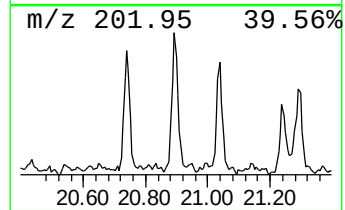
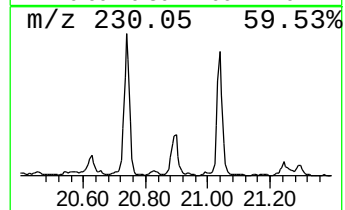
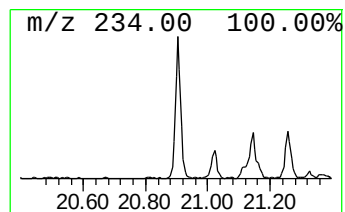
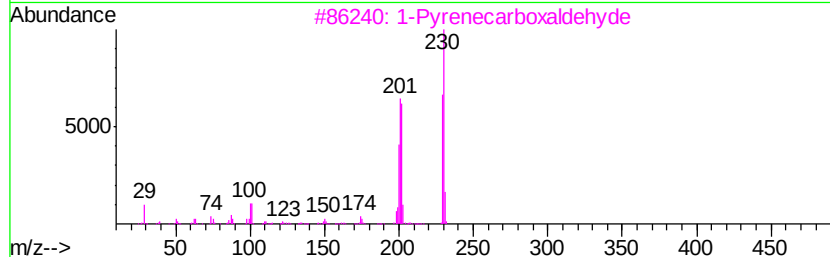
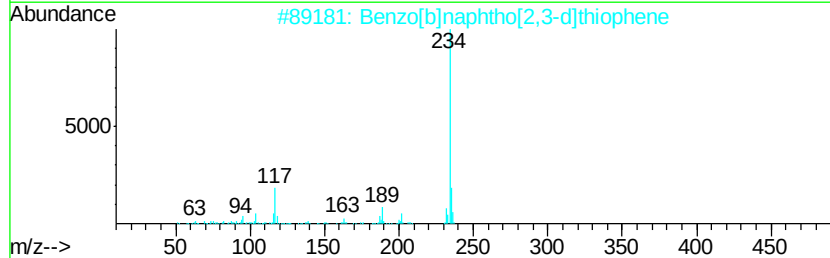
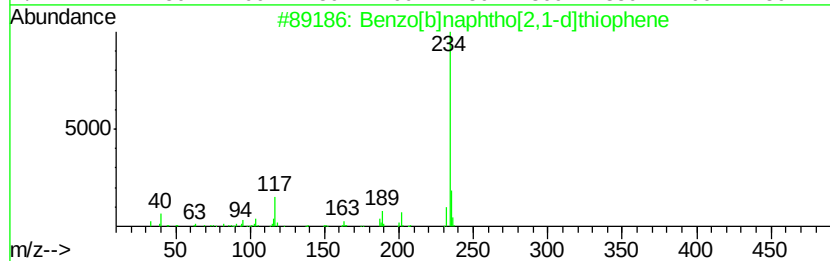
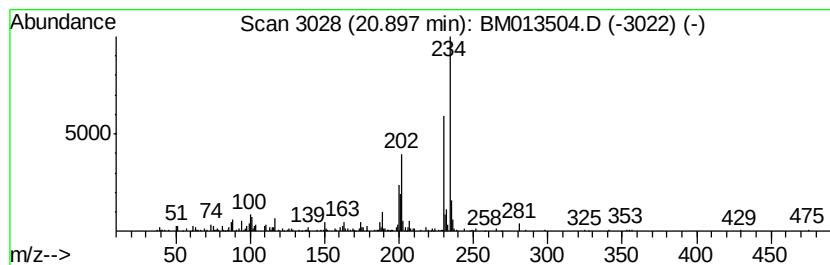
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Peak Number 2 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.12 ng/ul	451081	Chrysene-d12	21.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[b]naphtho[2,1-d]thiophene	234 C16H10S	000239-35-0 50
2		Benzo[b]naphtho[2,3-d]thiophene	234 C16H10S	000243-46-9 50
3		1-Pyrenecarboxaldehyde	230 C17H10O	003029-19-4 42
4		7H-Benz[de]anthracen-7-one	230 C17H10O	000082-05-3 38
5		Benzo[b]naphtho[2,1-d]thiophene	234 C16H10S	000239-35-0 38



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Cyclopenta(def)ph...	19.01	7.3	ng/ul	972810	4	17.06	2658290	20.0
Benzo[b]naphtho[2...	20.90	2.1	ng/ul	451081	5	21.26	4261240	20.0