

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
 Data File : BM013124.D
 Acq On : 27 Nov 2017 23:10
 Operator : SJ/JU
 Sample : I6496-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA2

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-BM111617.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	4.863	297	302	309	rBV	79051	117958	2.08%	0.188%
2	6.893	641	647	659	rVB2	723640	1269591	22.36%	2.027%
3	7.045	667	673	680	rBV	532823	819182	14.43%	1.308%
4	7.245	698	707	718	rBV	733817	1119108	19.71%	1.786%
5	7.704	779	785	792	rVB	1015084	1611708	28.39%	2.573%
6	8.416	899	906	915	rBV	876064	1427680	25.15%	2.279%
7	8.857	973	981	990	rBV	763139	1229488	21.66%	1.963%
8	9.575	1095	1103	1114	rBV	617679	1013545	17.85%	1.618%
9	10.116	1189	1195	1204	rVB	953822	1553025	27.36%	2.479%
10	10.486	1250	1258	1266	rBV	1488001	2452780	43.21%	3.915%
11	10.628	1274	1282	1290	rBV	848877	1463088	25.77%	2.336%
12	13.175	1708	1715	1722	rBV2	42566	63339	1.12%	0.101%
13	13.763	1808	1815	1819	rBV	2051189	2800406	49.33%	4.470%
14	13.810	1819	1823	1832	rVB	280940	410585	7.23%	0.655%
15	14.039	1851	1862	1871	rVB	2189349	3220679	56.73%	5.141%
16	14.257	1894	1899	1903	rBV	96178	126889	2.24%	0.203%
17	14.345	1906	1914	1922	rBV2	2340079	3568245	62.86%	5.696%
18	14.569	1946	1952	1960	rBV2	297358	488108	8.60%	0.779%
19	15.210	2057	2061	2066	rVB	125105	149458	2.63%	0.239%
20	15.339	2077	2083	2091	rVB	2723659	3949088	69.56%	6.304%
21	15.457	2097	2103	2112	rBV	245694	344076	6.06%	0.549%
22	15.580	2118	2124	2127	rBV2	42787	69476	1.22%	0.111%
23	16.074	2203	2208	2216	rBV	111842	183950	3.24%	0.294%
24	16.863	2338	2342	2348	rBV3	68318	90342	1.59%	0.144%
25	17.092	2374	2381	2386	rBV2	3174515	4356257	76.74%	6.954%
26	17.133	2386	2388	2392	rVV	78363	95292	1.68%	0.152%
27	17.192	2392	2398	2409	rVB	3133757	4436059	78.14%	7.081%
28	17.939	2521	2525	2528	rBV2	118312	163398	2.88%	0.261%
29	17.998	2531	2535	2544	rVV	463925	634473	11.18%	1.013%
30	19.151	2723	2731	2736	rBV	318000	539782	9.51%	0.862%
31	19.280	2750	2753	2760	rBV	326108	401060	7.06%	0.640%
32	19.374	2765	2769	2775	rVB2	44284	77701	1.37%	0.124%
33	19.486	2782	2788	2797	rBV	3882958	5676867	100.00%	9.062%
34	20.756	3001	3004	3009	rVB2	40980	59904	1.06%	0.096%

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35	20.998	3041	3045	3052	rBV2	425789	540953	9.53%	0.864%
36	21.274	3086	3092	3097	rBV	4255432	5618654	98.97%	8.969%
37	21.309	3097	3098	3104	rVB	168364	174974	3.08%	0.279%
38	21.886	3192	3196	3201	rVB8	84116	163228	2.88%	0.261%
39	22.839	3353	3358	3363	rBV3	236446	477333	8.41%	0.762%
40	23.362	3440	3447	3453	rBV2	2733980	4948715	87.17%	7.900%
41	23.503	3464	3471	3483	rVB	2409976	4737452	83.45%	7.563%

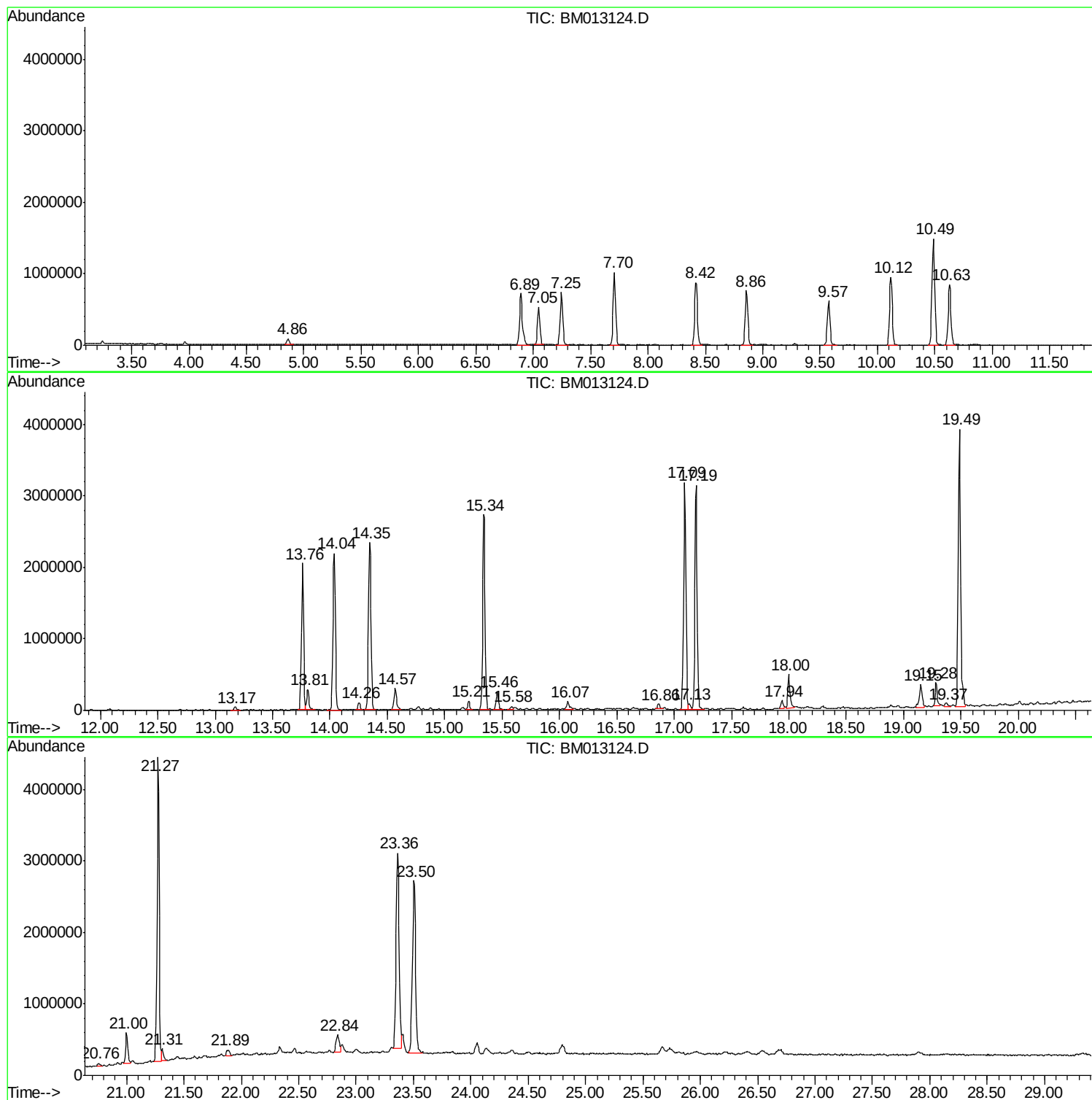
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



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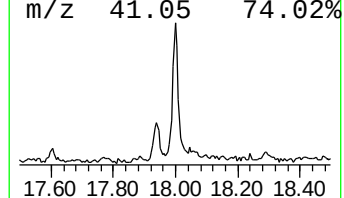
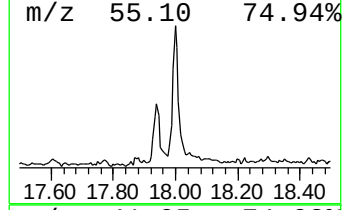
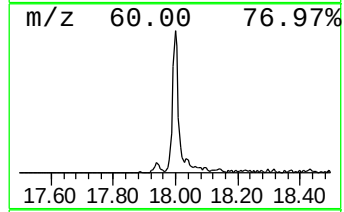
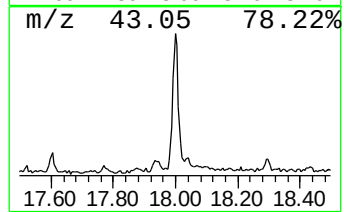
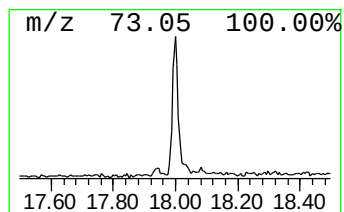
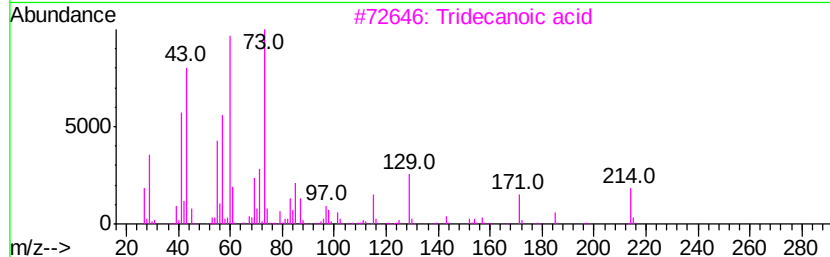
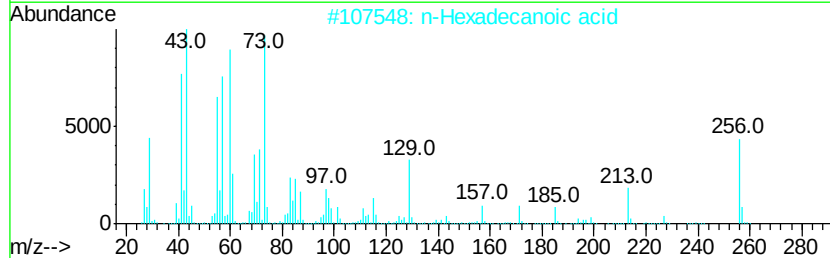
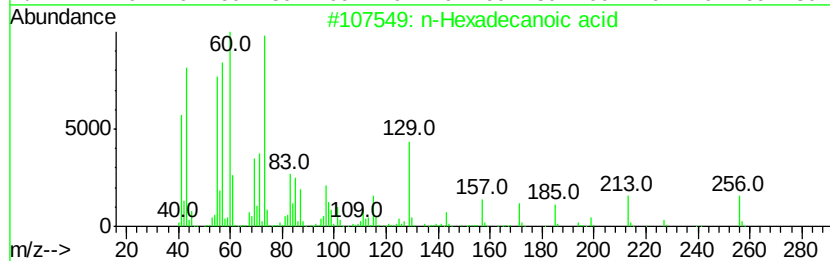
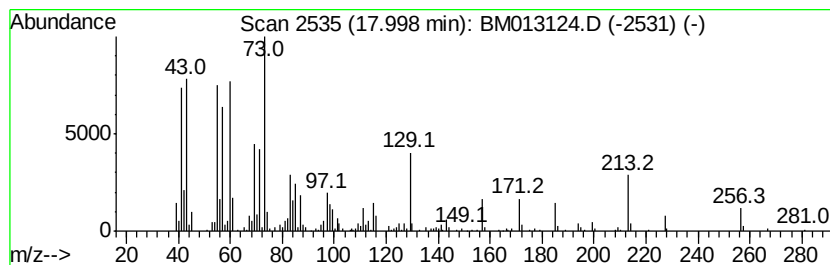
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.00	2.91 ng/ul	634473	Phenanthrene-d10	17.09		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		Tridecanoic acid	214	C13H26O2	000638-53-9	89
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



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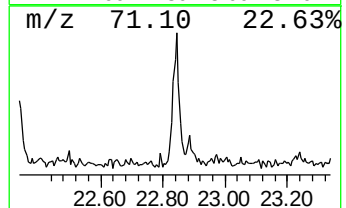
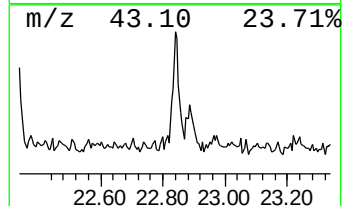
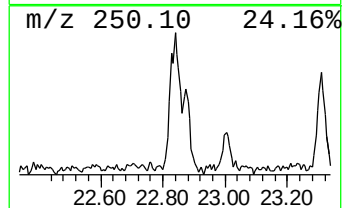
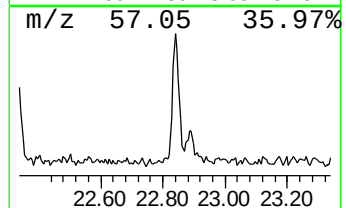
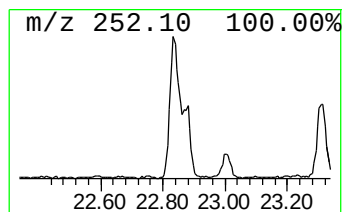
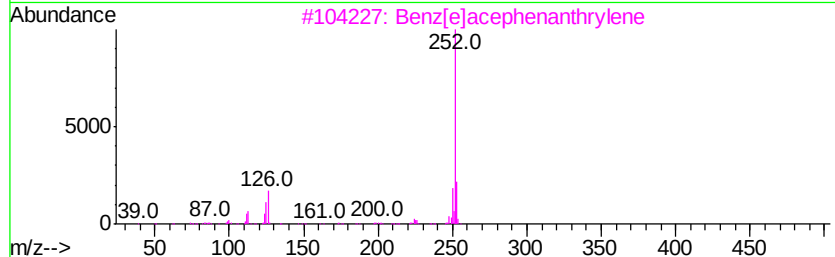
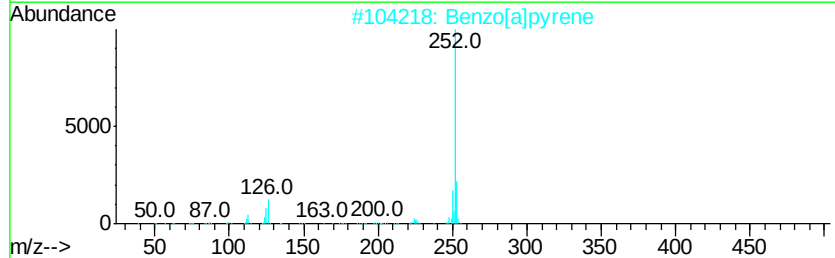
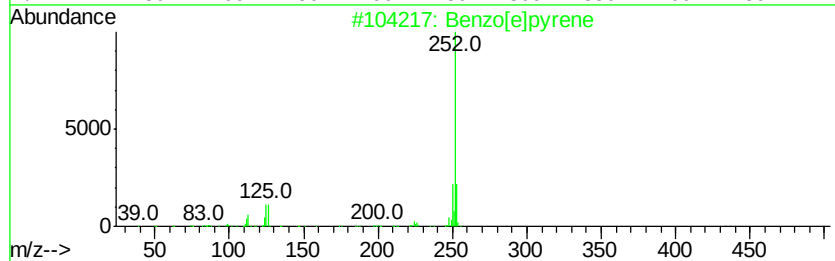
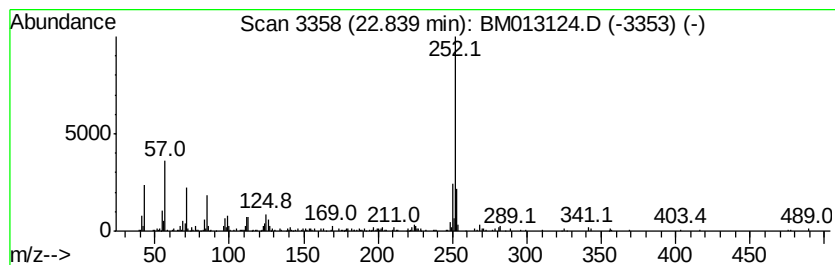
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Peak Number 2 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.84	2.02 ng/ul	477333	Perylene-d12	23.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	89
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
5	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.00	2.9	ng/ul	634473	4	17.09	4356260	20.0
Benzo[e]pyrene	22.84	2.0	ng/ul	477333	6	23.50	4737450	20.0