

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
 Data File : BM013912.D
 Acq On : 28 Jan 2018 07:51
 Operator : SJ/JU
 Sample : J1245-17
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B78

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-BM011018.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	3.140	23	26	32	rVB2	43438	57520	1.51%	0.120%
2	6.769	637	643	659	rBV2	783993	1437212	37.78%	2.998%
3	6.928	663	670	678	rBV	618736	922174	24.24%	1.924%
4	7.116	696	702	712	rBV	866939	1362713	35.82%	2.843%
5	7.581	774	781	790	rVB	642709	1050518	27.62%	2.192%
6	8.292	895	902	916	rBV	972387	1593415	41.89%	3.324%
7	8.733	970	977	990	rBV	821191	1398223	36.76%	2.917%
8	9.451	1090	1099	1108	rBV	738898	1234982	32.46%	2.576%
9	9.986	1182	1190	1203	rBV	1008774	1819685	47.83%	3.796%
10	10.351	1245	1252	1262	rVB	866670	1426378	37.50%	2.976%
11	10.504	1271	1278	1300	rBV	850648	1597498	41.99%	3.333%
12	12.998	1696	1702	1707	rBV4	32206	47351	1.24%	0.099%
13	13.486	1780	1785	1791	rBV5	55166	89014	2.34%	0.186%
14	13.651	1807	1813	1818	rBV	1932638	2621035	68.90%	5.468%
15	13.698	1818	1821	1836	rVB	383464	571525	15.02%	1.192%
16	13.921	1848	1859	1871	rBV	2146481	3272754	86.03%	6.828%
17	14.045	1875	1880	1884	rBV5	58177	93553	2.46%	0.195%
18	14.121	1889	1893	1901	rVB4	127837	180100	4.73%	0.376%
19	14.233	1905	1912	1919	rBV2	1191137	1806639	47.49%	3.769%
20	14.298	1919	1923	1928	rVB3	100251	132390	3.48%	0.276%
21	14.380	1930	1937	1942	rVB2	76759	104504	2.75%	0.218%
22	14.468	1946	1952	1969	rBV	411793	928221	24.40%	1.936%
23	14.598	1969	1974	1978	rVB5	62212	94201	2.48%	0.197%
24	15.233	2073	2082	2089	rBV	2577002	3584105	94.22%	7.477%
25	15.374	2100	2106	2119	rBV	581258	909164	23.90%	1.897%
26	15.609	2140	2146	2150	rBV	48566	69481	1.83%	0.145%
27	16.986	2374	2380	2386	rBV	1455996	1972162	51.84%	4.114%
28	17.086	2390	2397	2407	rVV	2573300	3552215	93.38%	7.411%
29	17.892	2529	2534	2542	rBV3	258733	395924	10.41%	0.826%
30	19.033	2718	2728	2729	rBV3	52254	80463	2.12%	0.168%
31	19.062	2730	2733	2741	rVB3	89748	148457	3.90%	0.310%
32	19.180	2749	2753	2762	rBV3	124849	188306	4.95%	0.393%
33	19.386	2782	2788	2796	rBV	2655481	3716220	97.69%	7.753%
34	20.103	2907	2910	2915	rVB5	83556	108810	2.86%	0.227%

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Title : SVOA CALIBRATION

35	20.274	2934	2939	2943	rBV	912779	1161716	30.54%	2.424%
36	20.315	2943	2946	2954	rVV9	80765	165590	4.35%	0.345%
37	20.909	3044	3047	3052	rBV4	98549	146978	3.86%	0.307%
38	21.186	3089	3094	3105	rBV	1551360	2066858	54.33%	4.312%
39	21.344	3119	3121	3126	rBV6	44294	70776	1.86%	0.148%
40	23.233	3436	3442	3456	rVB2	2043053	3804150	100.00%	7.936%
41	23.374	3460	3466	3476	rVB	1090432	1951556	51.30%	4.071%

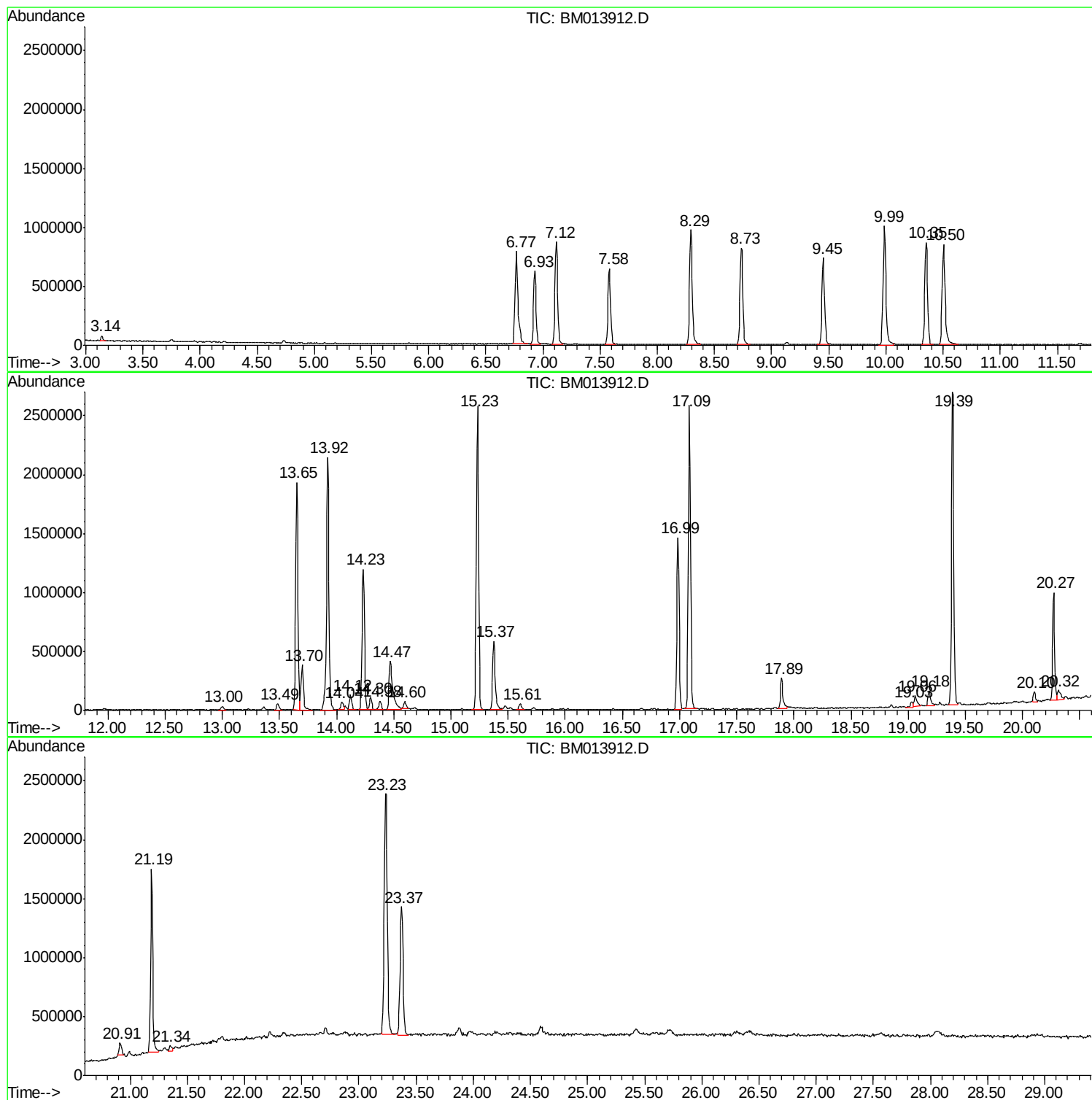
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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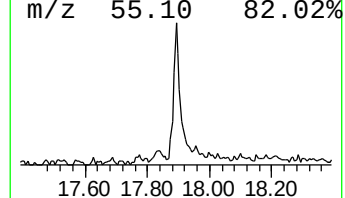
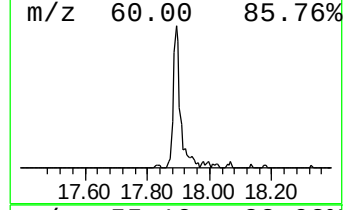
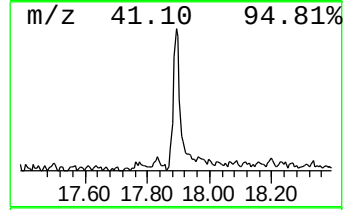
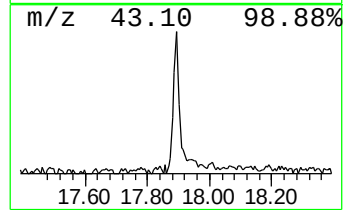
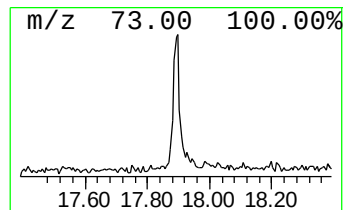
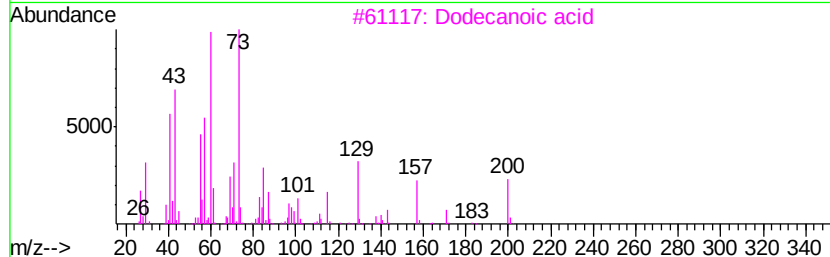
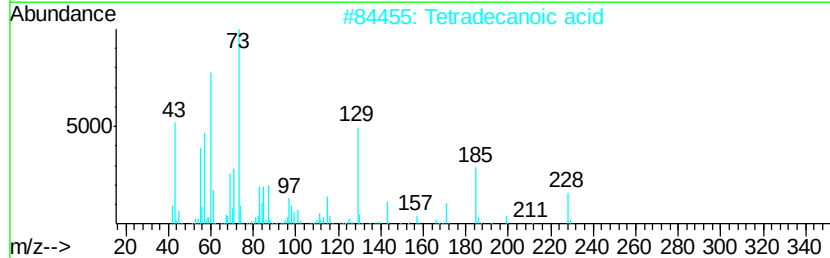
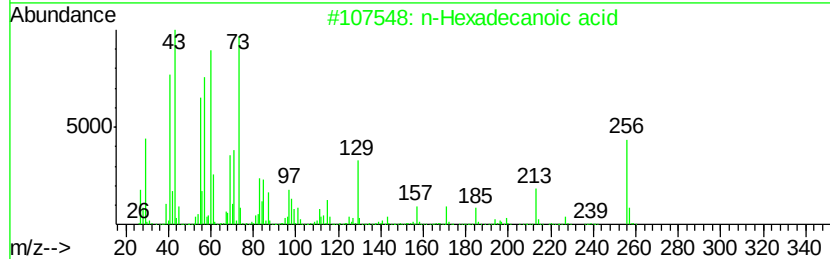
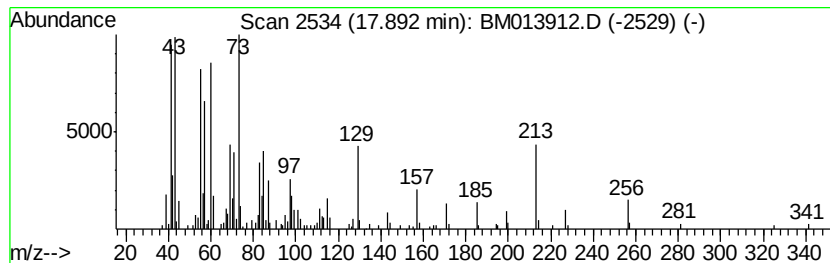
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.89	4.02 ng/ul	395924	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89	
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83	
3	Dodecanoic acid	200	C12H24O2	000143-07-7	81	
4	Dodecanoic acid	200	C12H24O2	000143-07-7	81	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	62	



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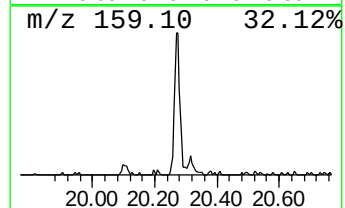
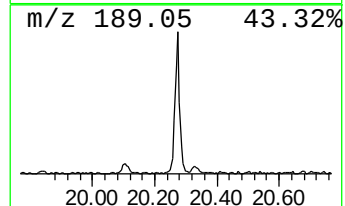
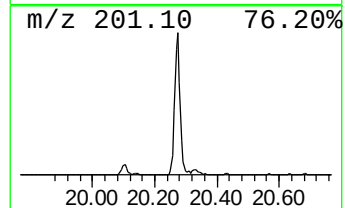
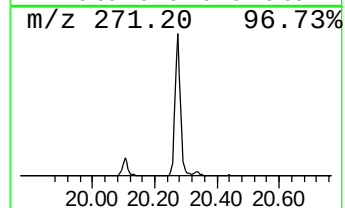
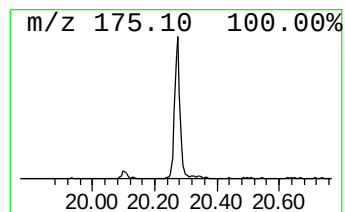
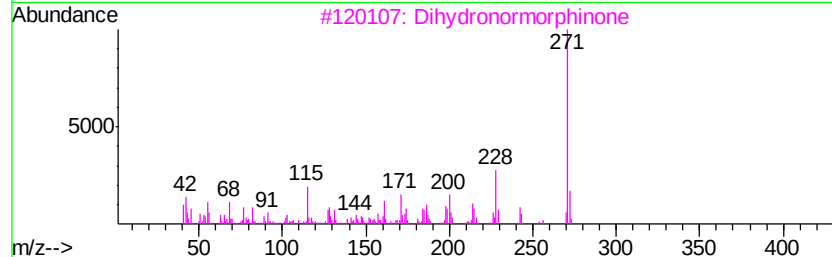
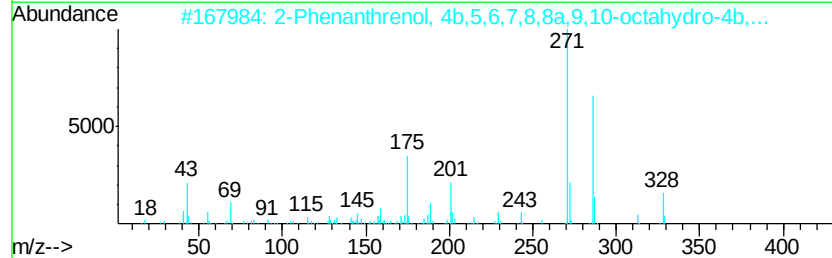
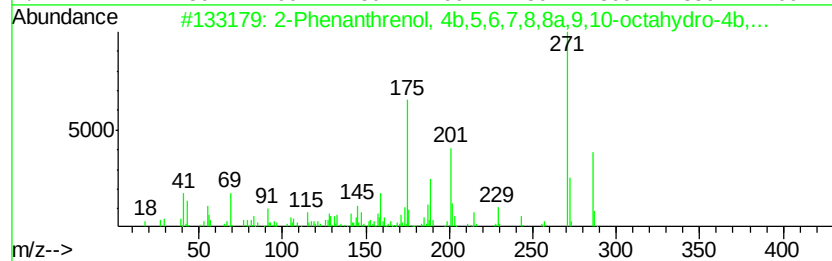
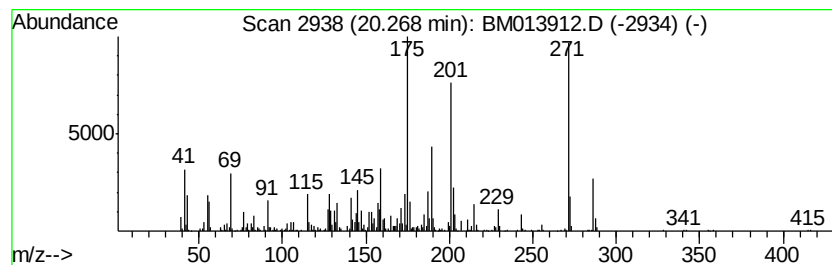
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TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	11.24 ng/ul	1161720	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	92
2		2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	74
3		Dihydronormorphinone	271	C16H17NO3	014696-23-2	18
4		1-(n-Butoxy)-1-(n-hexyloxy)-1-si...	258	C14H30O2Si	1000245-75-4	14
5		2,2-Bis(4'-methoxyphenyl)-2-etho...	286	C18H22O3	1000283-53-7	14



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.89	4.0	ng/ul	395924	4	16.99	1972160	20.0
2-Phenanthrenol, ...	20.27	11.2	ng/ul	1161720	5	21.19	2066860	20.0