

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
 Data File : BM007058.D
 Acq On : 13 Aug 2016 00:55
 Operator : UM/SJ
 Sample : H4389-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR002-SS005-3642-01

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\SOM02.2-EPA-BM081116.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	3.328	121	126	134	rVB	63099	96223	1.24%	0.131%
2	6.975	739	746	760	rBV	1158949	1890692	24.40%	2.571%
3	7.145	769	775	787	rBV	867806	1362032	17.58%	1.852%
4	7.345	802	809	817	rBV	1221962	1947212	25.13%	2.648%
5	7.810	882	888	896	rBV	859717	1382410	17.84%	1.880%
6	8.510	999	1007	1017	rBV	1404588	2306548	29.77%	3.136%
7	8.963	1076	1084	1091	rBV	1078750	1783173	23.02%	2.425%
8	9.681	1197	1206	1214	rBV	889636	1513458	19.53%	2.058%
9	10.216	1289	1297	1309	rBV	1408192	2389525	30.84%	3.249%
10	10.598	1354	1362	1369	rBV	1110287	1843142	23.79%	2.506%
11	10.733	1375	1385	1394	rBV	1305592	2280680	29.44%	3.101%
12	13.851	1909	1915	1919	rBV	2543153	3437143	44.36%	4.674%
13	13.898	1919	1923	1932	rVB	1349549	1821384	23.51%	2.477%
14	14.133	1956	1963	1970	rVB	2756495	4114054	53.10%	5.594%
15	14.439	2009	2015	2025	rVB2	1501115	2403589	31.02%	3.268%
16	14.627	2041	2047	2067	rBV	1138758	1736620	22.41%	2.361%
17	15.304	2158	2162	2167	rVB	90636	112963	1.46%	0.154%
18	15.433	2177	2184	2195	rVB	3578437	5104261	65.88%	6.940%
19	15.551	2197	2204	2217	rBV	954303	1411326	18.22%	1.919%
20	15.674	2221	2225	2229	rBV	51016	91086	1.18%	0.124%
21	16.162	2304	2308	2311	rBV	134691	178079	2.30%	0.242%
22	16.956	2438	2443	2448	rBV2	78458	115864	1.50%	0.158%
23	17.186	2475	2482	2488	rBV	2088729	3009898	38.85%	4.093%
24	17.280	2492	2498	2508	rVB2	3777364	5653668	72.97%	7.687%
25	18.080	2629	2634	2644	rBV2	279603	417643	5.39%	0.568%
26	19.209	2822	2826	2829	rBV	57886	79173	1.02%	0.108%
27	19.362	2848	2852	2859	rBV3	87295	126824	1.64%	0.172%
28	19.574	2881	2888	2894	rBV2	4850639	6973074	90.00%	9.481%
29	20.115	2973	2980	2986	rBV7	41515	91585	1.18%	0.125%
30	21.080	3140	3144	3152	rBV2	405620	550165	7.10%	0.748%
31	21.150	3152	3156	3161	rVB	74166	111774	1.44%	0.152%
32	21.362	3187	3192	3198	rBV	3162119	4268468	55.09%	5.804%
33	22.574	3395	3398	3404	rVB2	118336	168765	2.18%	0.229%
34	22.962	3461	3464	3469	rVB3	91210	119368	1.54%	0.162%

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35	23.497	3547	3555	3562	rBV2	4050892	7747651	100.00%	10.535%
36	23.638	3572	3579	3588	rVB	2194659	4299064	55.49%	5.845%
37	24.209	3672	3676	3682	rVB3	153332	278990	3.60%	0.379%
38	24.974	3802	3806	3815	rVB2	148344	327440	4.23%	0.445%

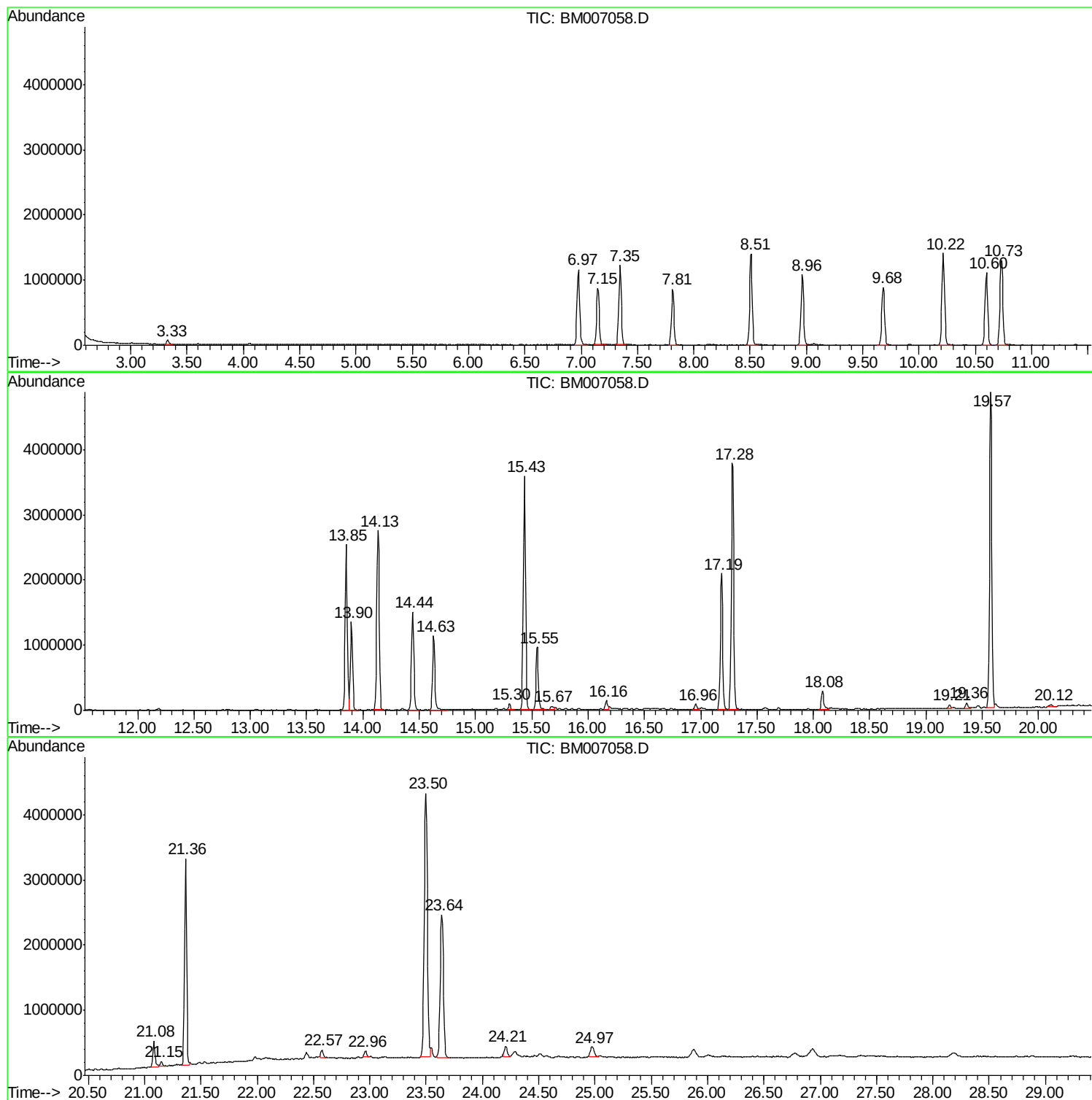
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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



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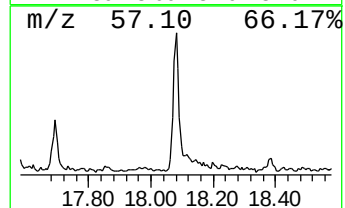
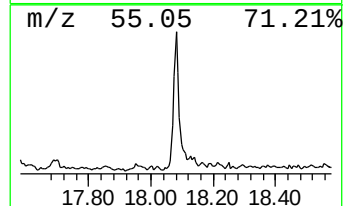
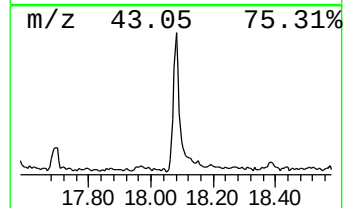
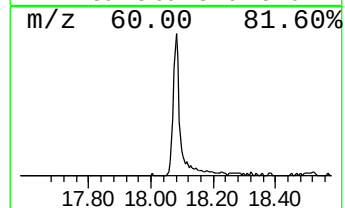
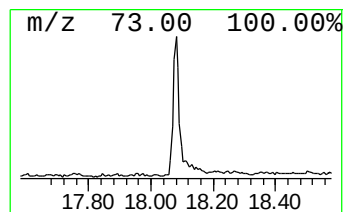
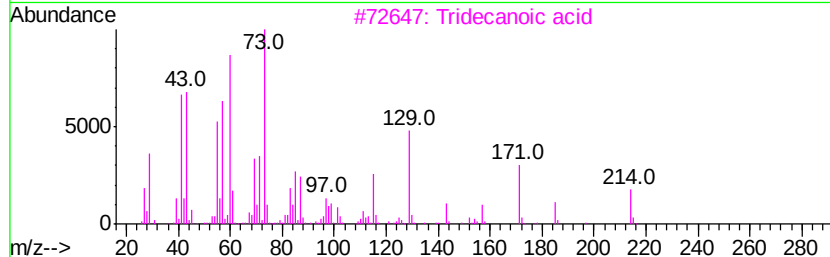
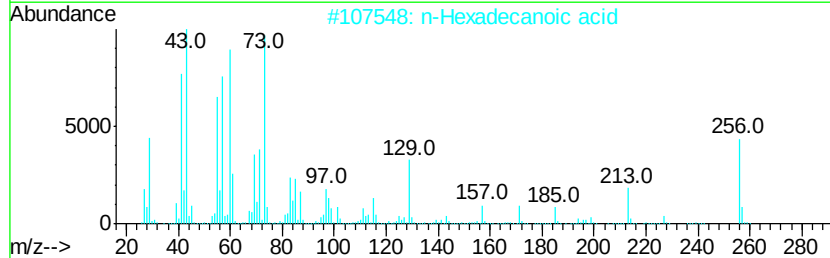
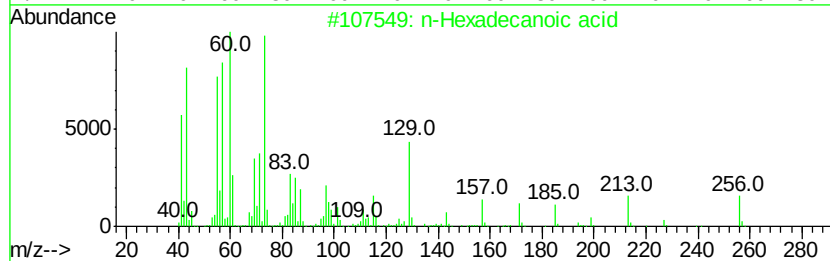
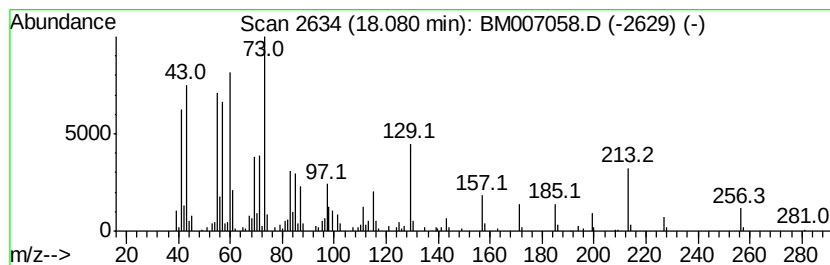
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.08	2.78 ng/ul	417643	Phenanthrene-d10	17.19		
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	96	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87	



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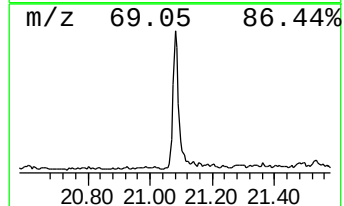
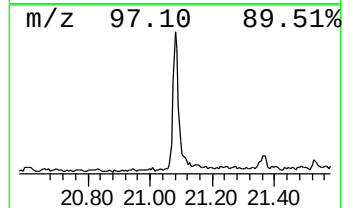
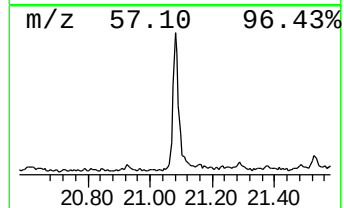
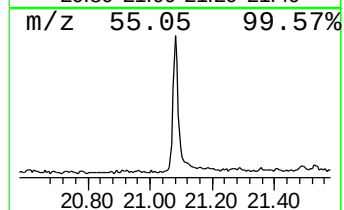
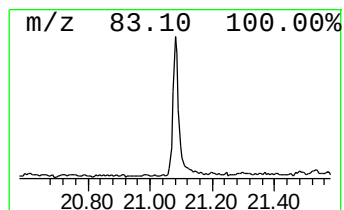
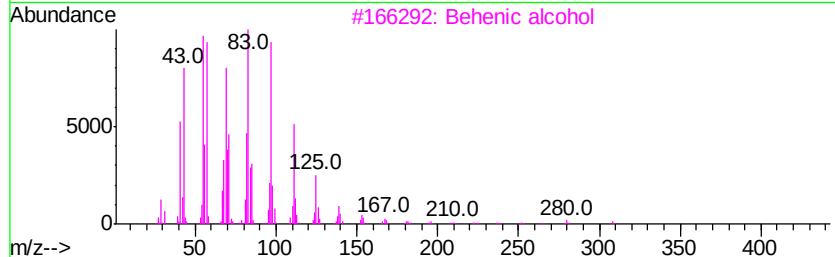
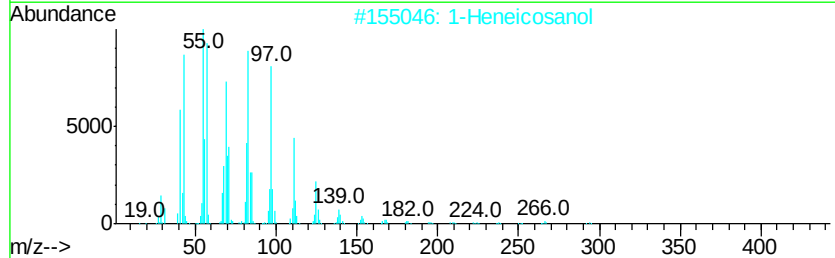
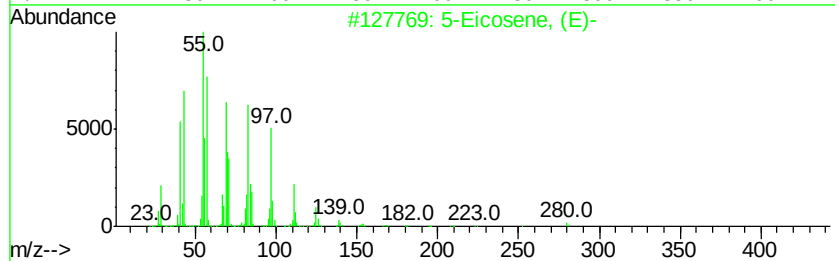
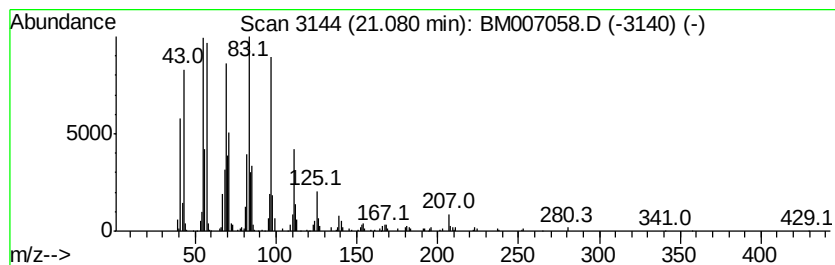
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Peak Number 2 (DEL) Alkane: Cyclic21.08 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	2.58 ng/ul	550165	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		1-Heneicosanol	312	C21H44O	015594-90-8	95
3		Behenic alcohol	326	C22H46O	000661-19-8	95
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	95



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.08	2.8	ng/ul	417643	4	17.19	3009900	20.0
(DEL) Alkane: Cyc...	21.08	2.6	ng/ul	550165	5	21.36	4268470	20.0