

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091520\
 Data File : BM027426.D
 Acq On : 16 Sep 2020 00:18
 Operator : JU/CG
 Sample : L3995-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG0M9

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.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	3.128	20	24	30	rBV	34981	44769	1.34%	0.161%
2	6.745	633	639	649	rBV2	119543	230018	6.90%	0.826%
3	6.898	660	665	677	rVB	368405	566849	17.01%	2.035%
4	7.093	692	698	707	rBV	434101	683798	20.52%	2.454%
5	7.445	754	758	763	rBV6	5004	7497	0.22%	0.027%
6	7.557	770	777	787	rVB	470264	751960	22.56%	2.699%
7	8.269	891	898	908	rBV	303022	504286	15.13%	1.810%
8	8.334	908	909	917	rVB6	3818	4086	0.12%	0.015%
9	8.698	964	971	986	rBV	456580	750381	22.51%	2.693%
10	9.416	1086	1093	1102	rBV	393731	651375	19.54%	2.338%
11	9.951	1177	1184	1202	rBV	543901	963424	28.91%	3.458%
12	10.322	1240	1247	1255	rBV	557281	895659	26.87%	3.215%
13	10.475	1266	1273	1287	rBV3	28192	69988	2.10%	0.251%
14	11.928	1514	1520	1526	rBV4	4935	9145	0.27%	0.033%
15	13.616	1800	1807	1812	rBV	1128214	1522725	45.69%	5.465%
16	13.663	1812	1815	1824	rVB	79569	107273	3.22%	0.385%
17	13.886	1845	1853	1867	rBV	1175283	1670806	50.13%	5.997%
18	14.198	1900	1906	1915	rBV	799379	1152859	34.59%	4.138%
19	14.427	1936	1945	1953	rBV2	35205	85980	2.58%	0.309%
20	14.751	1996	2000	2004	rVB5	2129	3685	0.11%	0.013%
21	14.963	2030	2036	2044	rBV	32685	43666	1.31%	0.157%
22	15.033	2044	2048	2053	rVV6	2190	3524	0.11%	0.013%
23	15.192	2069	2075	2088	rBV	1512451	2136549	64.10%	7.669%
24	15.321	2091	2097	2108	rVV	483682	678103	20.35%	2.434%
25	15.439	2111	2117	2123	rVB	15895	25514	0.77%	0.092%
26	15.986	2206	2210	2214	rVB6	4878	7703	0.23%	0.028%
27	16.598	2310	2314	2322	rBV	12336	18204	0.55%	0.065%
28	16.739	2334	2338	2340	rBV3	4286	4997	0.15%	0.018%
29	16.945	2366	2373	2381	rBV	987574	1364312	40.93%	4.897%
30	17.039	2383	2389	2405	rBV	1767134	2501222	75.04%	8.978%
31	17.868	2526	2530	2540	rBV2	93132	139671	4.19%	0.501%
32	18.980	2715	2719	2722	rBV	18918	26020	0.78%	0.093%
33	19.009	2722	2724	2726	rVB2	8480	6916	0.21%	0.025%
34	19.156	2745	2749	2754	rBV4	38625	54558	1.64%	0.196%

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Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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Title : SVOA CALIBRATION

35	19.227	2758	2761	2766	rVB	17494	23512	0.71%	0.084%
36	19.345	2775	2781	2790	rBV	2391797	3061050	91.84%	10.987%
37	20.880	3038	3042	3048	rBV	183228	247889	7.44%	0.890%
38	21.139	3081	3086	3093	rBV	1261287	1645441	49.37%	5.906%
39	23.168	3425	3431	3438	rBV	1905375	3333000	100.00%	11.963%
40	23.303	3448	3454	3467	rVB	1051077	1862552	55.88%	6.685%

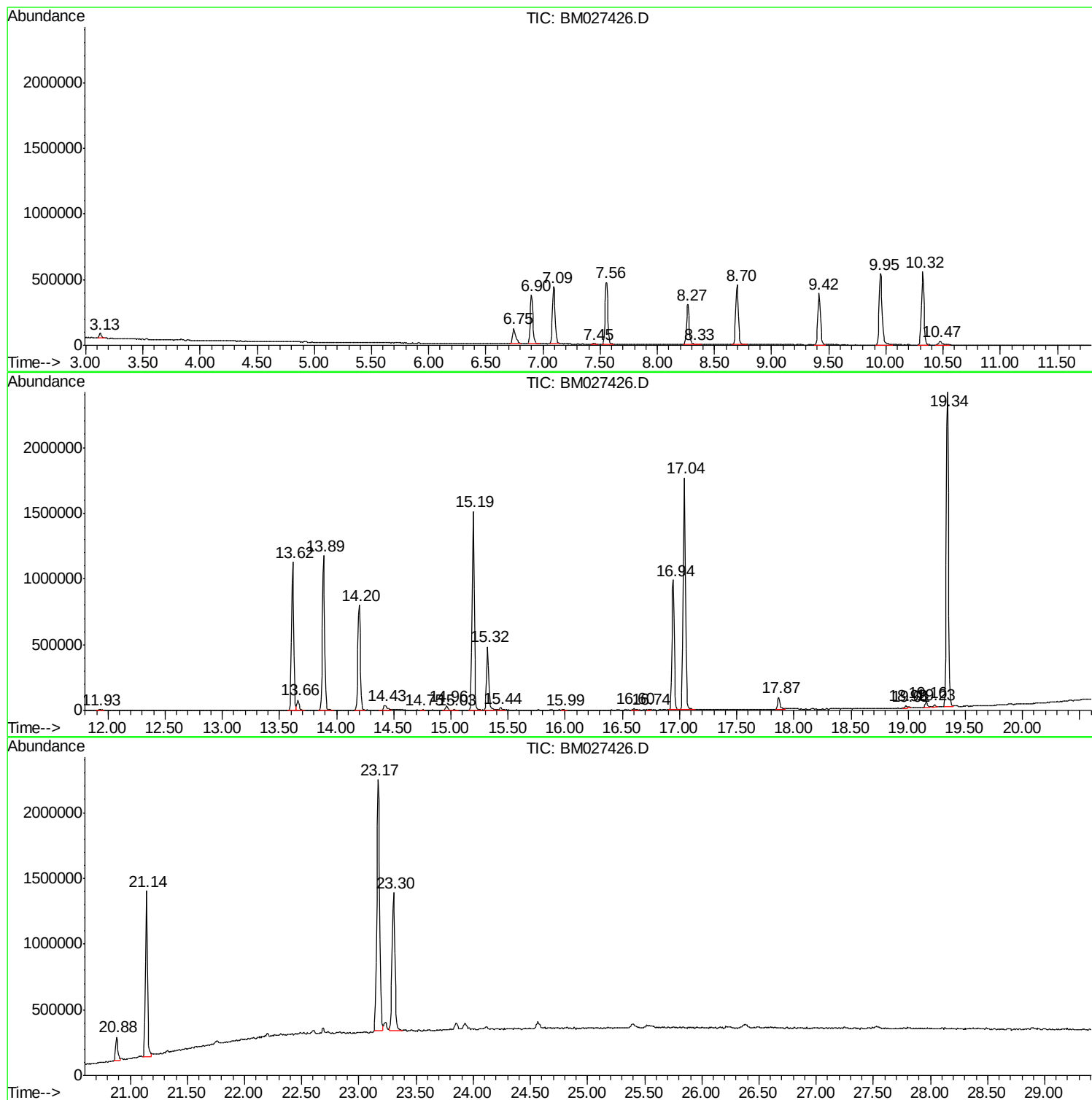
Sum of corrected areas: 27860966

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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



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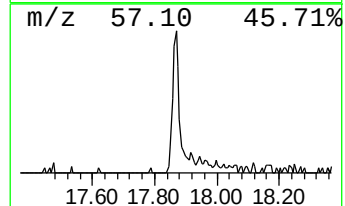
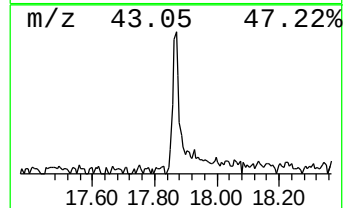
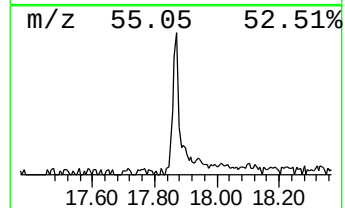
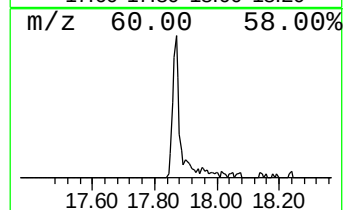
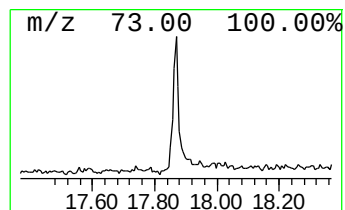
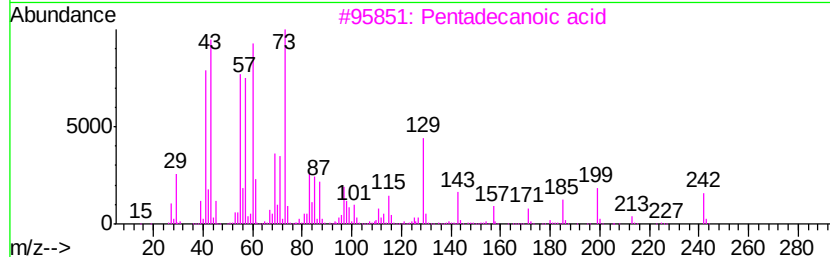
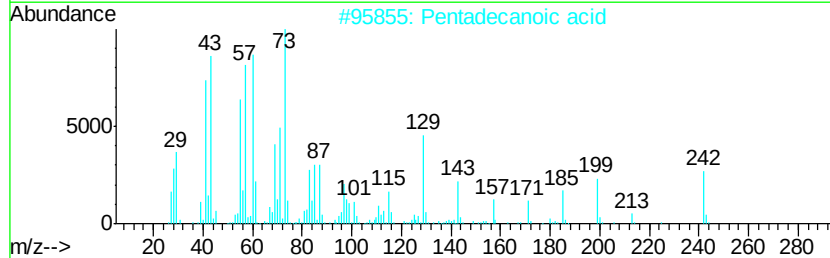
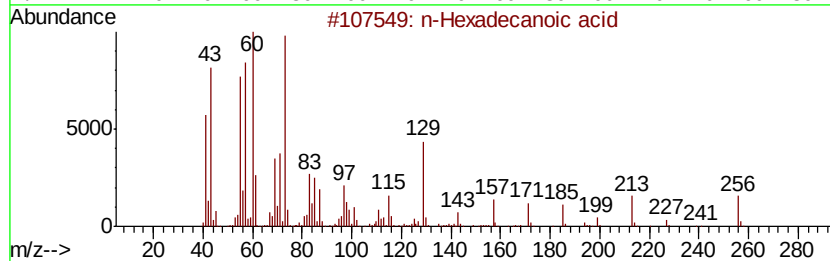
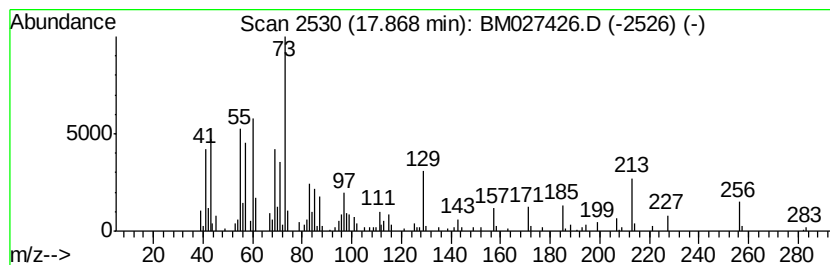
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.87	2.05 ng/ul	139671	Phenanthrene-d10		16.94
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	47



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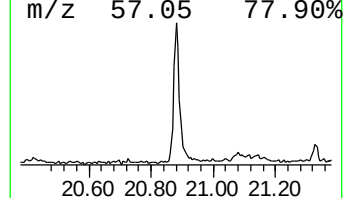
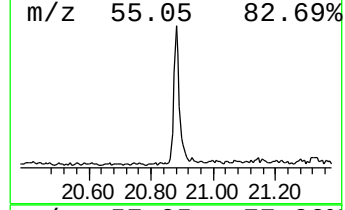
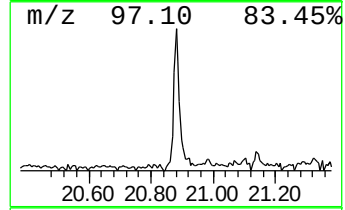
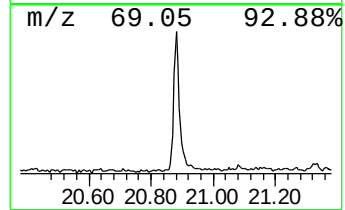
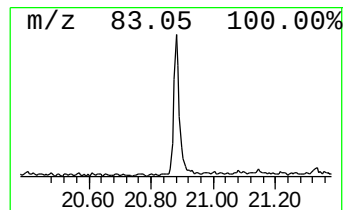
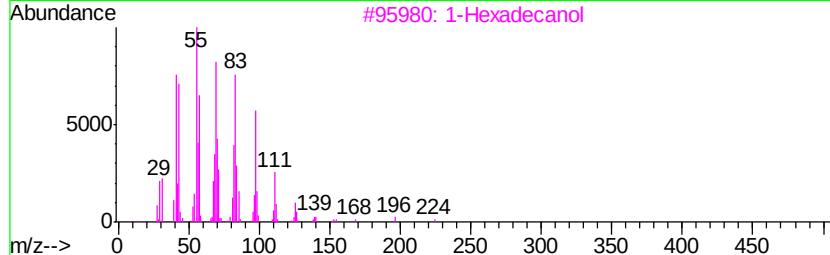
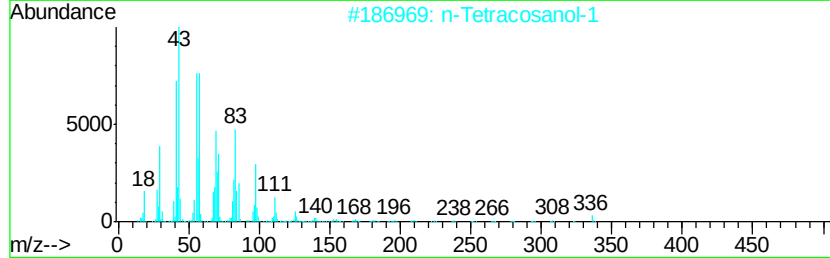
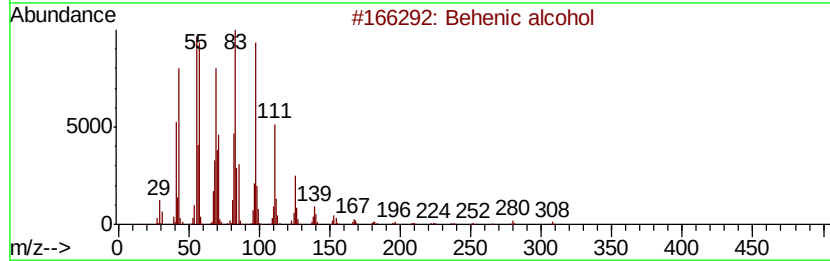
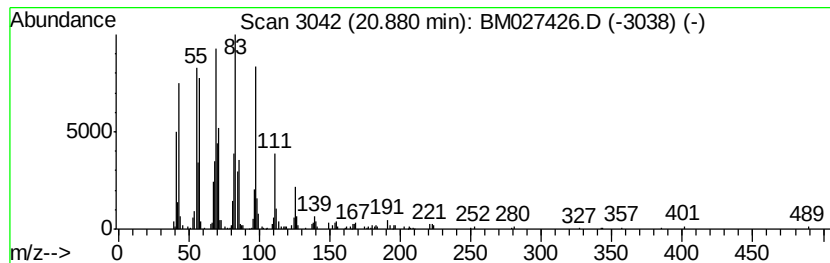
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Peak Number 2 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	3.01 ng/ul	247889	Chrysene-d12	21.14
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 91
2		n-Tetracosanol-1	354 C24H50O	000506-51-4 91
3		1-Hexadecanol	242 C16H34O	036653-82-4 87
4		3-Eicosene, (E)-	280 C20H40	074685-33-9 87
5		1-Heneicosanol	312 C21H44O	015594-90-8 81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	2.0	ng/ul	139671	4	16.94	1364310	20.0
Behenic alcohol	20.88	3.0	ng/ul	247889	5	21.14	1645440	20.0