

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
 Data File : BM029848.D
 Acq On : 06 May 2021 04:43
 Operator : CG/JU
 Sample : M2161-02
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AQ2

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\SFAM-EPA-BM050421.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	6.910	680	684	699	rVB2	378506	708047	14.84%	2.144%
2	7.098	712	716	727	rVB	361822	606208	12.70%	1.835%
3	7.563	790	795	808	rVB	455998	779752	16.34%	2.361%
4	8.281	913	917	927	rVB	185352	326690	6.85%	0.989%
5	8.716	986	991	1005	rVB	473213	820427	17.19%	2.484%
6	9.433	1108	1113	1128	rVB	262978	491189	10.29%	1.487%
7	9.975	1199	1205	1225	rVB	335007	696627	14.60%	2.109%
8	10.339	1260	1267	1281	rVB	616574	1022699	21.43%	3.096%
9	13.116	1734	1739	1744	rVB4	13248	20509	0.43%	0.062%
10	13.627	1821	1826	1832	rBV	1065981	1448675	30.36%	4.386%
11	13.674	1832	1834	1842	rVB	71961	104904	2.20%	0.318%
12	13.898	1866	1872	1886	rBV	1477385	2072520	43.43%	6.275%
13	14.210	1919	1925	1940	rBV	1076652	1468561	30.77%	4.446%
14	14.468	1964	1969	1977	rBV5	10242	29886	0.63%	0.090%
15	15.210	2088	2095	2112	rBV	1882840	2682817	56.22%	8.122%
16	15.339	2112	2117	2132	rVV	356032	575516	12.06%	1.742%
17	15.451	2132	2136	2145	rVB4	16043	31304	0.66%	0.095%
18	15.998	2225	2229	2235	rVB7	5182	8262	0.17%	0.025%
19	16.115	2244	2249	2254	rBV8	2903	6108	0.13%	0.018%
20	16.198	2257	2263	2268	rBV2	11122	16276	0.34%	0.049%
21	16.751	2351	2357	2360	rBV6	3837	7921	0.17%	0.024%
22	16.957	2386	2392	2402	rBV	1228444	1568599	32.87%	4.749%
23	17.057	2402	2409	2422	rVV	2161993	3057740	64.08%	9.257%
24	17.262	2439	2444	2449	rVB8	2882	5861	0.12%	0.018%
25	17.862	2541	2546	2555	rBV	100529	181669	3.81%	0.550%
26	18.798	2703	2705	2708	rBV3	6944	7378	0.15%	0.022%
27	18.986	2733	2737	2740	rBV2	14507	22782	0.48%	0.069%
28	19.015	2740	2742	2748	rVB	11923	17857	0.37%	0.054%
29	19.150	2759	2765	2777	rBV4	59388	124153	2.60%	0.376%
30	19.239	2777	2780	2789	rVV2	17882	31789	0.67%	0.096%
31	19.350	2793	2799	2813	rVV	3062834	4055286	84.98%	12.278%
32	19.892	2887	2891	2893	rBV5	5865	9339	0.20%	0.028%
33	20.874	3053	3058	3069	rBV	161241	352674	7.39%	1.068%
34	21.139	3098	3103	3115	rBV	1502089	2102104	44.05%	6.364%

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35	22.168	3276	3278	3284	rVB2	63102	78228	1.64%	0.237%
36	22.656	3358	3361	3365	rVB3	107429	138297	2.90%	0.419%
37	23.168	3441	3448	3462	rBV	2612021	4771958	100.00%	14.447%
38	23.297	3464	3470	3484	rVB2	1231422	2345923	49.16%	7.102%
39	23.809	3554	3557	3567	rVB2	130345	233450	4.89%	0.707%

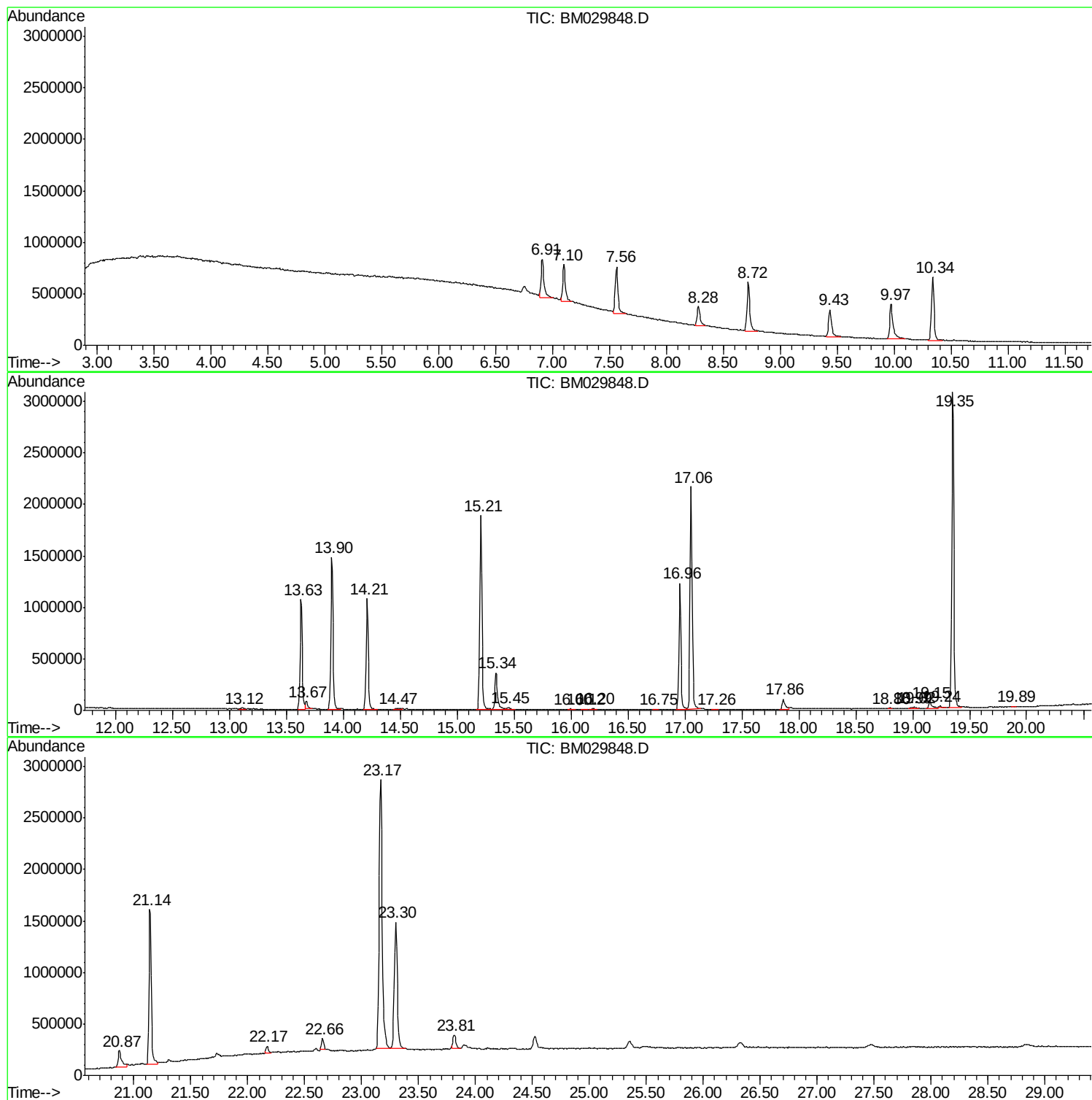
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

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



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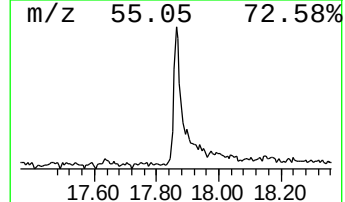
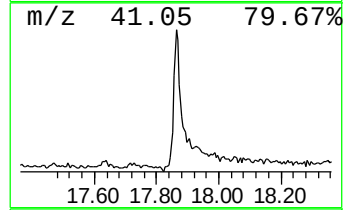
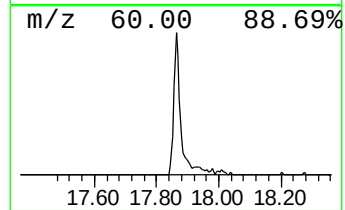
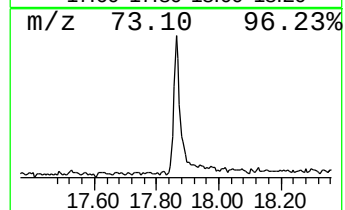
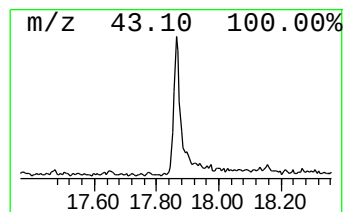
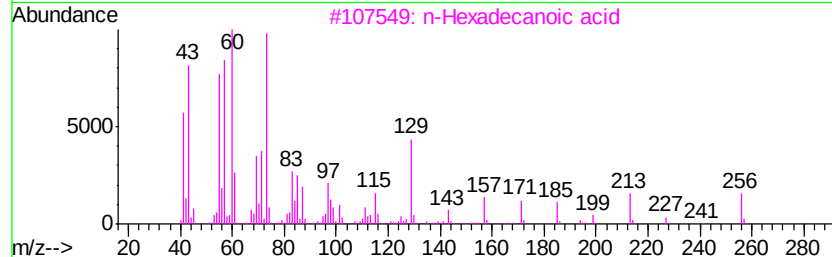
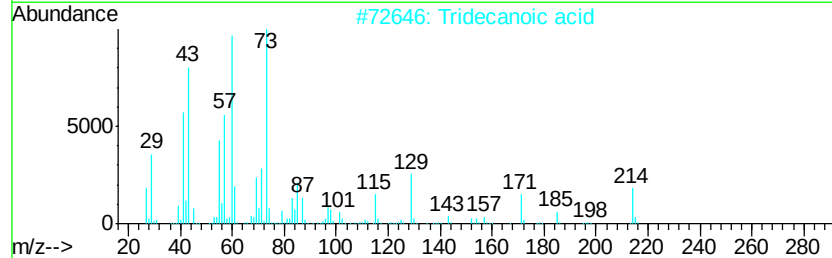
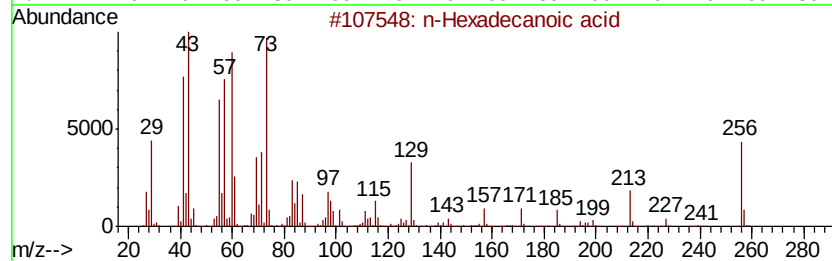
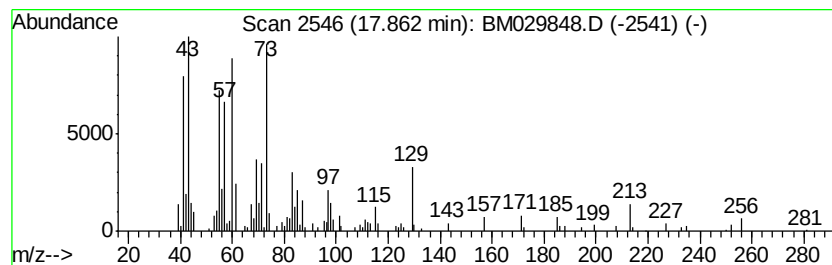
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.86	2.32 ng/ul	181669	Phenanthrene-d10		16.96	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	Tridecanoic acid		214	C13H26O2	000638-53-9	93
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	91
4	Tridecanoic acid		214	C13H26O2	000638-53-9	90
5	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	90



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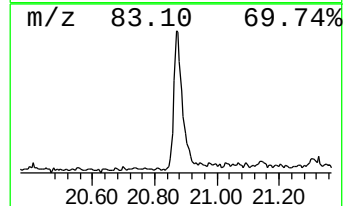
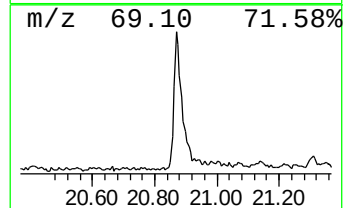
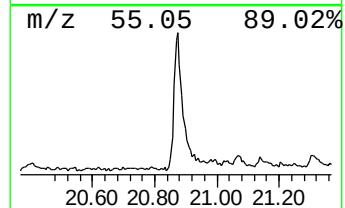
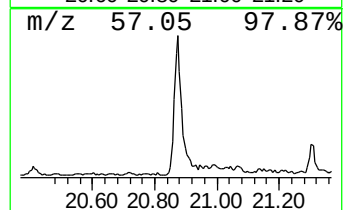
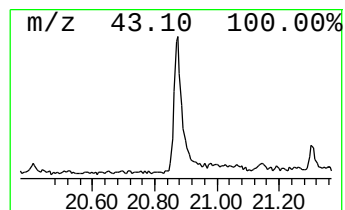
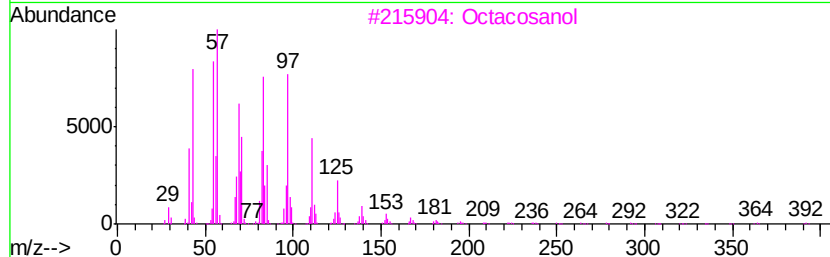
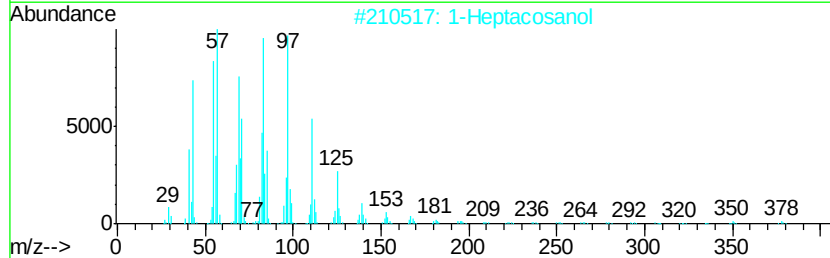
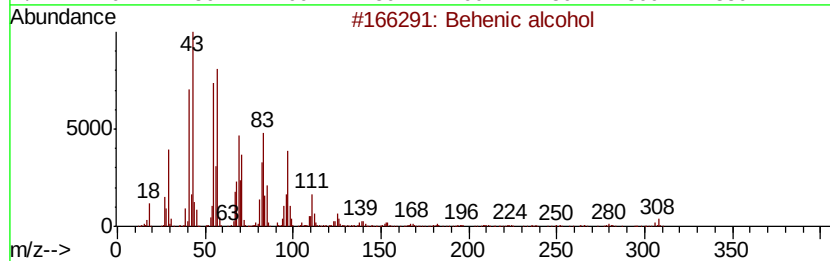
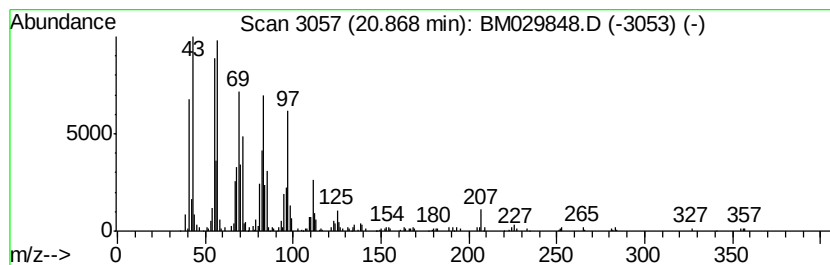
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Peak Number 2 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.36 ng/ul	352674	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Behenic alcohol	326	C22H46O	000661-19-8	90
2		1-Heptacosanol	396	C27H56O	002004-39-9	87
3		Octacosanol	410	C28H58O	000557-61-9	87
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	87
5		1-Hexacosanol	382	C26H54O	000506-52-5	83



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.86	2.3	ng/ul	181669	4	16.96	1568600	20.0
Behenic alcohol	20.87	3.4	ng/ul	352674	5	21.14	2102100	20.0