

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051721\
 Data File : BM030058.D
 Acq On : 17 May 2021 18:40
 Operator : CG/JU
 Sample : M2427-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG1Z5

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-BM050721.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	5.940	516	519	527	rVB9	3107	6573	0.21%	0.026%
2	6.257	571	573	578	rVB5	2084	3184	0.10%	0.012%
3	6.516	615	617	620	rVB4	3351	3499	0.11%	0.014%
4	6.728	648	653	667	rBV	49141	122431	3.85%	0.476%
5	6.875	672	678	695	rBV	273042	530515	16.67%	2.062%
6	7.063	704	710	724	rBV	331216	611923	19.23%	2.378%
7	7.522	782	788	803	rBV	322213	603631	18.97%	2.346%
8	7.740	822	825	830	rVB7	5453	7088	0.22%	0.028%
9	8.193	898	902	906	rBV6	3188	4724	0.15%	0.018%
10	8.251	906	912	930	rBV	160389	376958	11.84%	1.465%
11	8.681	979	985	1010	rVV	350672	731088	22.97%	2.841%
12	9.093	1051	1055	1061	rVB3	5942	9713	0.31%	0.038%
13	9.398	1101	1107	1131	rBV	301316	610275	19.17%	2.372%
14	9.940	1192	1199	1229	rBV	267140	797787	25.07%	3.100%
15	10.298	1253	1260	1273	rBV	481048	837297	26.31%	3.254%
16	11.928	1532	1537	1543	rBV7	4487	10106	0.32%	0.039%
17	12.528	1633	1639	1641	rBV6	4222	5772	0.18%	0.022%
18	12.781	1677	1682	1688	rVB5	6013	10396	0.33%	0.040%
19	13.004	1715	1720	1724	rBV6	3265	5096	0.16%	0.020%
20	13.081	1728	1733	1738	rVB5	3943	6144	0.19%	0.024%
21	13.598	1814	1821	1827	rBV	935470	1390734	43.70%	5.405%
22	13.863	1858	1866	1890	rBV	1104214	1683781	52.90%	6.544%
23	14.092	1901	1905	1909	rVB5	4341	6013	0.19%	0.023%
24	14.175	1912	1919	1939	rBV	745352	1102490	34.64%	4.284%
25	14.498	1966	1974	1975	rBV6	5389	9788	0.31%	0.038%
26	14.522	1975	1978	1983	rVV6	2500	6233	0.20%	0.024%
27	14.633	1993	1997	1999	rBV5	2910	3615	0.11%	0.014%
28	14.822	2027	2029	2035	rVB7	2438	3515	0.11%	0.014%
29	14.986	2053	2057	2060	rBV3	5200	6515	0.20%	0.025%
30	15.022	2060	2063	2065	rVV3	6153	7309	0.23%	0.028%
31	15.045	2065	2067	2071	rVB4	4018	5081	0.16%	0.020%
32	15.175	2082	2089	2108	rBV	1415564	2132274	66.99%	8.286%
33	15.316	2108	2113	2127	rVV	417774	703911	22.12%	2.736%
34	15.422	2127	2131	2135	rVB3	16995	24762	0.78%	0.096%

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35	15.857	2198	2205	2207	rBV8	2568	4004	0.13%	0.016%
36	15.963	2219	2223	2230	rBV8	5668	13717	0.43%	0.053%
37	16.080	2240	2243	2244	rBV3	3929	4080	0.13%	0.016%
38	16.163	2253	2257	2262	rVB3	9040	13881	0.44%	0.054%
39	16.322	2279	2284	2287	rBV6	3795	5369	0.17%	0.021%
40	16.610	2328	2333	2336	rVB7	2963	3851	0.12%	0.015%
41	16.716	2347	2351	2352	rVV5	3312	4901	0.15%	0.019%
42	16.921	2380	2386	2396	rBV	830699	1204766	37.85%	4.682%
43	17.021	2396	2403	2424	rVV	1601562	2411489	75.77%	9.372%
44	17.716	2516	2521	2526	rBV8	3190	5639	0.18%	0.022%
45	17.833	2536	2541	2552	rBV	122470	242822	7.63%	0.944%
46	18.157	2593	2596	2601	rBV7	2363	3940	0.12%	0.015%
47	18.363	2629	2631	2633	rBV3	2950	3405	0.11%	0.013%
48	18.592	2667	2670	2674	rVB6	5261	7806	0.25%	0.030%
49	18.886	2717	2720	2723	rBV4	3024	4916	0.15%	0.019%
50	18.963	2729	2733	2736	rBV	13966	21729	0.68%	0.084%
51	19.121	2756	2760	2766	rBV2	39973	74231	2.33%	0.288%
52	19.210	2773	2775	2779	rVB	14517	16182	0.51%	0.063%
53	19.321	2788	2794	2809	rBV	2140912	2885233	90.65%	11.213%
54	20.845	3048	3053	3063	rBV	231026	376086	11.82%	1.462%
55	21.045	3084	3087	3090	rVB2	32064	33951	1.07%	0.132%
56	21.115	3094	3099	3113	rBV	911030	1363046	42.83%	5.297%
57	23.127	3434	3441	3455	rBV2	1702067	3182777	100.00%	12.369%
58	23.262	3458	3464	3477	rVB2	758966	1464055	46.00%	5.690%

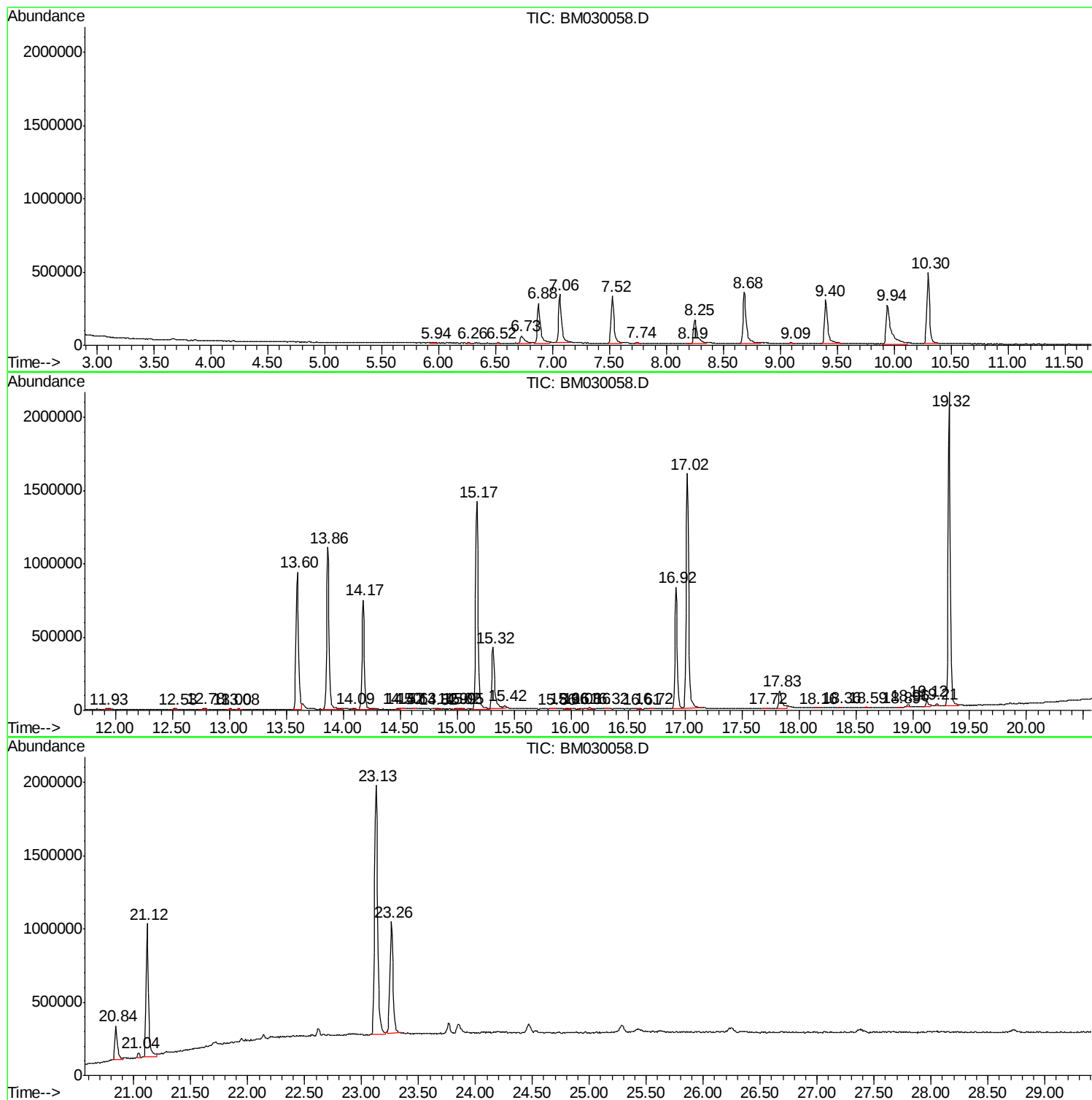
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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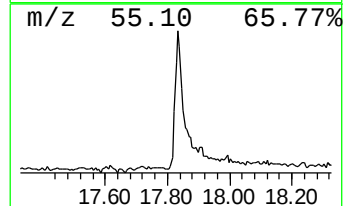
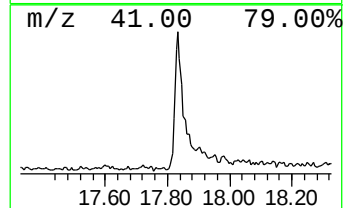
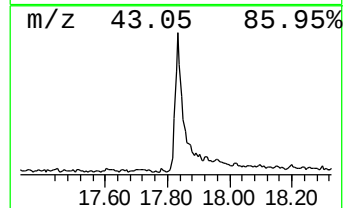
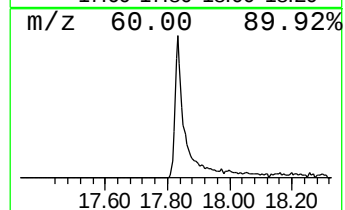
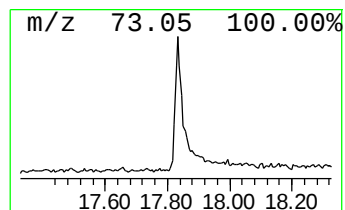
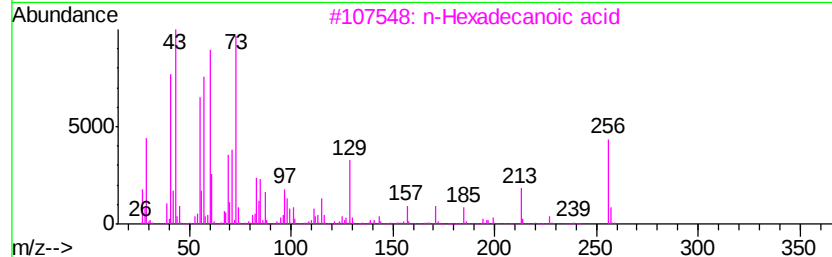
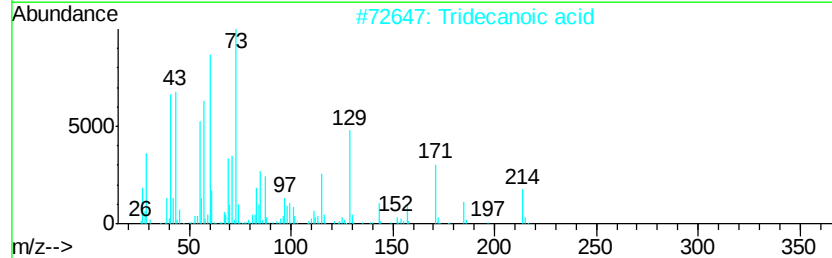
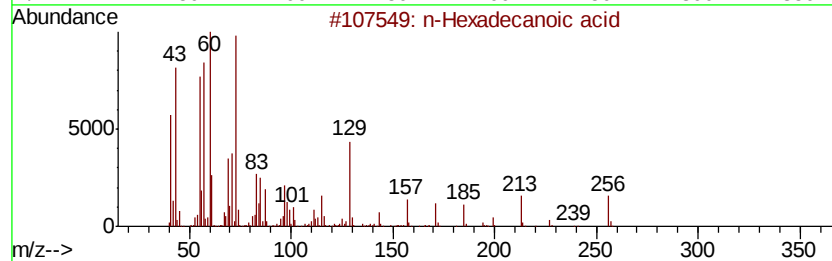
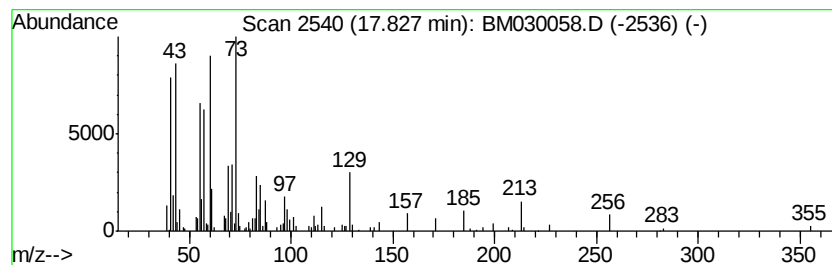
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	4.03 ng/ul	242822	Phenanthrene-d10	16.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4		Tridecanoic acid	214	C13H26O2	000638-53-9	91
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90



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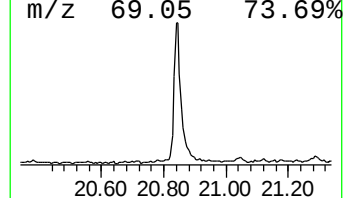
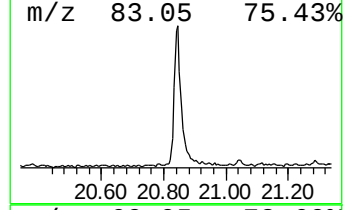
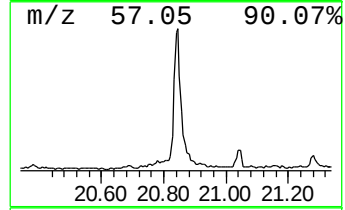
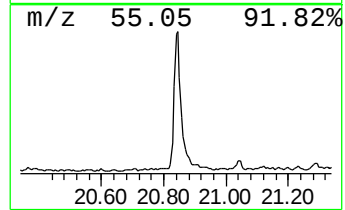
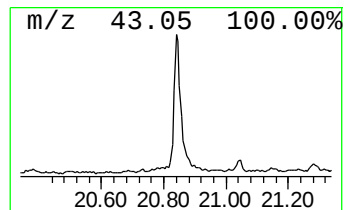
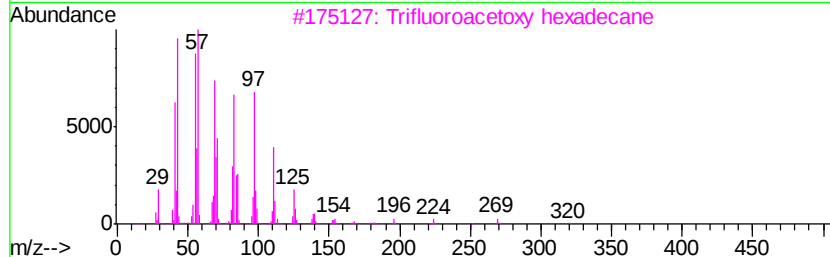
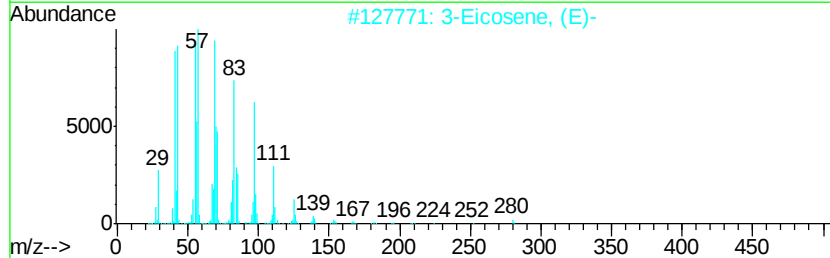
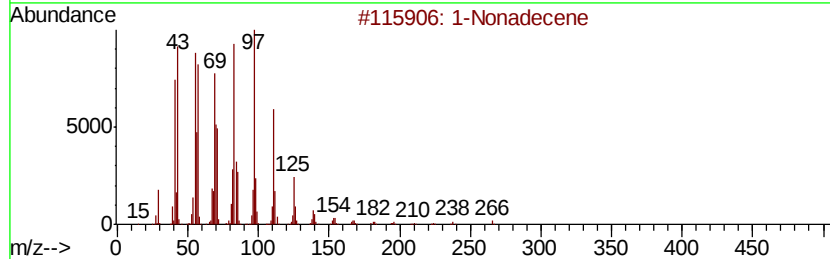
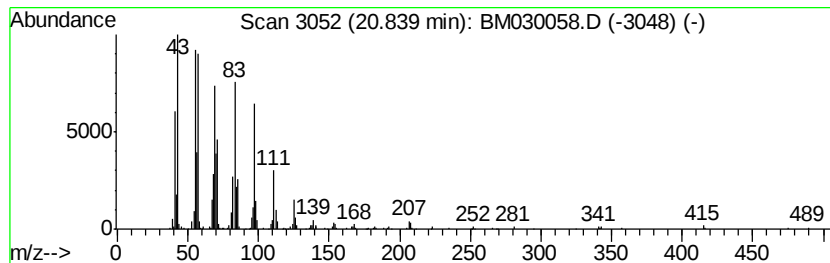
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	5.52 ng/ul	376086	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	98
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3		Trifluoroacetoxv hexadecane	338	C18H33F3O2	006222-03-3	94
4		1-Heneicosanol	312	C21H44O	015594-90-8	94
5		1-Octadecanol	270	C18H38O	000112-92-5	94



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.83	4.0	ng/ul	242822	4	16.92	1204770	20.0
(DEL) Alkane: Str...	20.84	5.5	ng/ul	376086	5	21.12	1363050	20.0