

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090820\
 Data File : BM027358.D
 Acq On : 08 Sep 2020 14:52
 Operator : JU/CG
 Sample : L3891-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW294

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	3.134	22	25	31	rVB	30674	41500	0.81%	0.106%
2	3.763	127	132	138	rVB2	12468	22496	0.44%	0.057%
3	3.846	143	146	152	rVB4	8623	14083	0.28%	0.036%
4	4.746	296	299	303	rBV2	7805	10312	0.20%	0.026%
5	6.757	634	641	651	rBV	117066	195271	3.82%	0.497%
6	6.910	661	667	678	rBV	362172	592712	11.59%	1.509%
7	7.110	694	701	713	rBV	437410	706150	13.80%	1.798%
8	7.210	714	718	728	rVB3	9741	18316	0.36%	0.047%
9	7.569	773	779	790	rVB	481433	734019	14.35%	1.869%
10	8.275	893	899	910	rBV	343626	547706	10.71%	1.395%
11	8.710	966	973	989	rBV	525916	852528	16.66%	2.171%
12	8.857	994	998	1006	rVV6	3569	7238	0.14%	0.018%
13	9.428	1087	1095	1108	rBV	470438	755183	14.76%	1.923%
14	9.963	1179	1186	1201	rBV	662244	1112357	21.74%	2.833%
15	10.339	1242	1250	1258	rBV	620373	1004132	19.63%	2.557%
16	10.480	1267	1274	1286	rBV	78401	149036	2.91%	0.380%
17	11.939	1516	1522	1530	rVB3	8341	15051	0.29%	0.038%
18	13.133	1718	1725	1729	rVB6	3212	5450	0.11%	0.014%
19	13.627	1802	1809	1814	rBV	1608724	2231433	43.62%	5.683%
20	13.674	1814	1817	1825	rVB	235178	298480	5.83%	0.760%
21	13.898	1848	1855	1863	rBV	1620017	2285094	44.66%	5.819%
22	14.210	1900	1908	1915	rBV	1114676	1587384	31.03%	4.043%
23	14.421	1938	1944	1958	rBV	110776	209662	4.10%	0.534%
24	15.210	2071	2078	2088	rBV	2304964	3152946	61.63%	8.029%
25	15.333	2093	2099	2115	rVV	881161	1200852	23.47%	3.058%
26	15.451	2115	2119	2124	rVB	24745	35113	0.69%	0.089%
27	15.992	2207	2211	2215	rBV3	7930	10378	0.20%	0.026%
28	16.633	2316	2320	2324	rVB5	4384	6505	0.13%	0.017%
29	16.751	2334	2340	2345	rBV5	7042	11822	0.23%	0.030%
30	16.839	2349	2355	2362	rVB2	10397	14458	0.28%	0.037%
31	16.957	2368	2375	2385	rBV	1494476	2054328	40.15%	5.232%
32	17.057	2385	2392	2406	rVV	2836691	3805499	74.38%	9.691%
33	17.162	2406	2410	2412	rVB5	3951	5396	0.11%	0.014%
34	17.880	2526	2532	2542	rBV	206119	316499	6.19%	0.806%

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35	18.351	2608	2612	2616	rBV6	8908	15089	0.29%	0.038%
36	18.692	2667	2670	2674	rBV6	4242	6344	0.12%	0.016%
37	18.921	2705	2709	2712	rBV6	3711	6298	0.12%	0.016%
38	18.992	2717	2721	2725	rBV	29272	37261	0.73%	0.095%
39	19.168	2747	2751	2757	rBV2	66929	94675	1.85%	0.241%
40	19.239	2760	2763	2769	rVB	29670	44801	0.88%	0.114%
41	19.309	2771	2775	2777	rBV5	5237	8391	0.16%	0.021%
42	19.356	2777	2783	2793	rVV	3970917	5116133	100.00%	13.029%
43	19.603	2822	2825	2827	rBV4	10282	13216	0.26%	0.034%
44	20.897	3040	3045	3055	rBV	379833	542598	10.61%	1.382%
45	21.156	3084	3089	3096	rBV	2045138	2550177	49.85%	6.494%
46	23.191	3428	3435	3443	rBV	2597993	4520712	88.36%	11.513%
47	23.327	3452	3458	3468	rVB	1339073	2302292	45.00%	5.863%

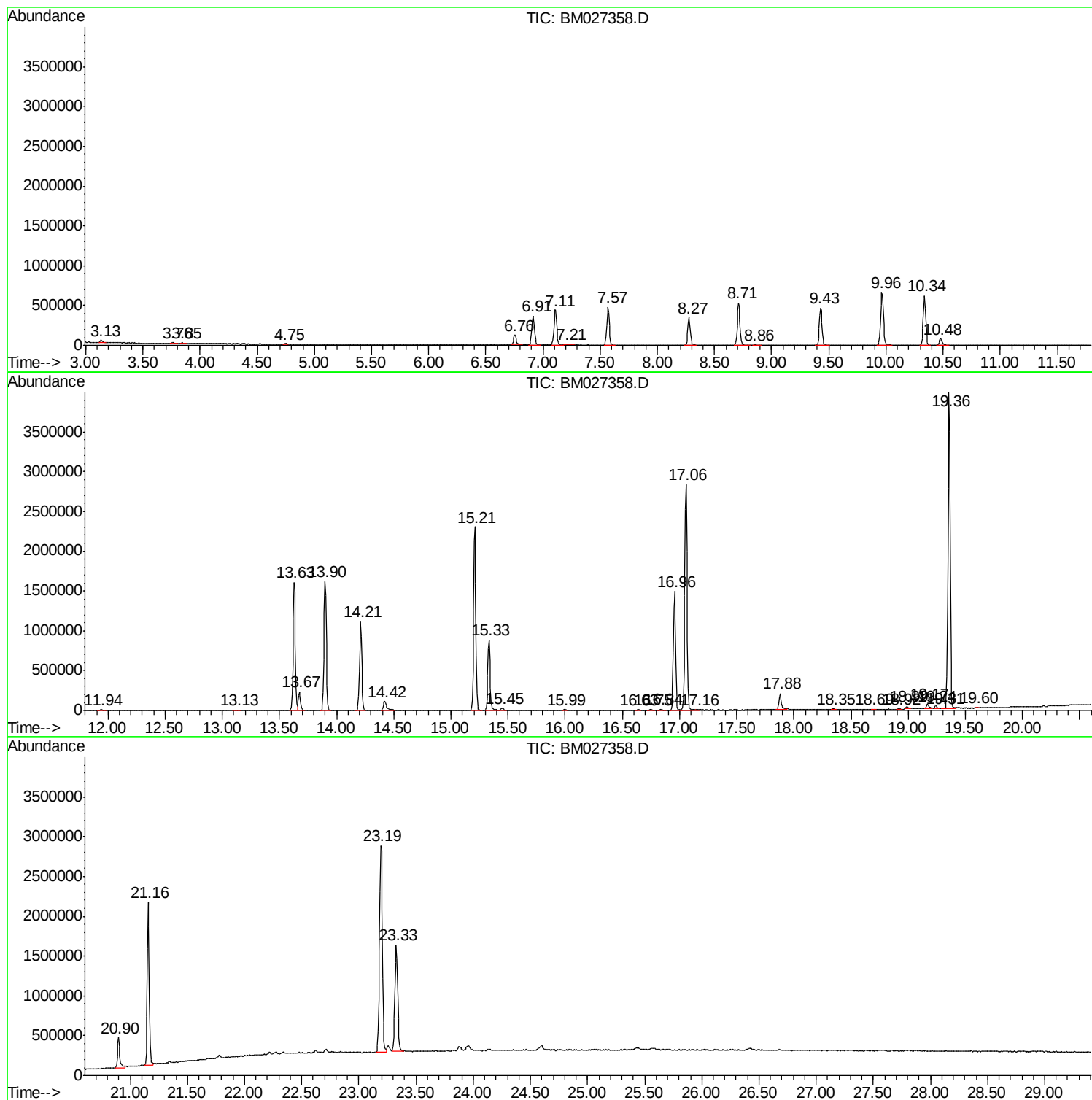
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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



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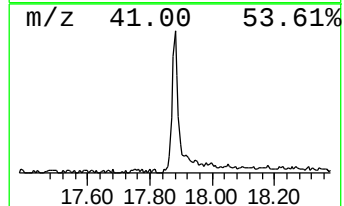
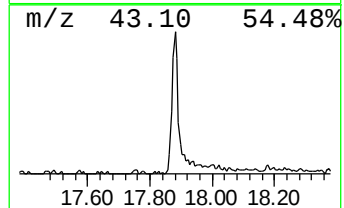
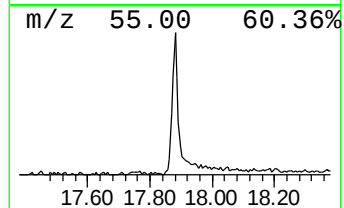
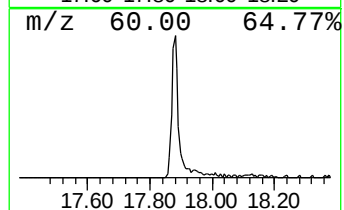
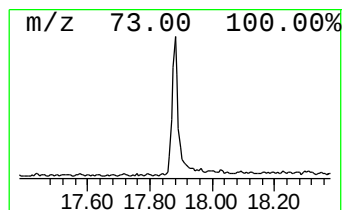
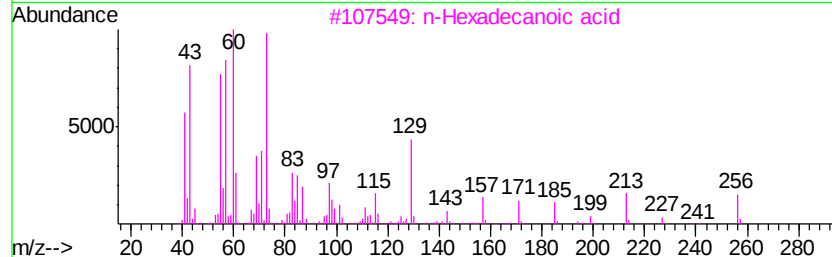
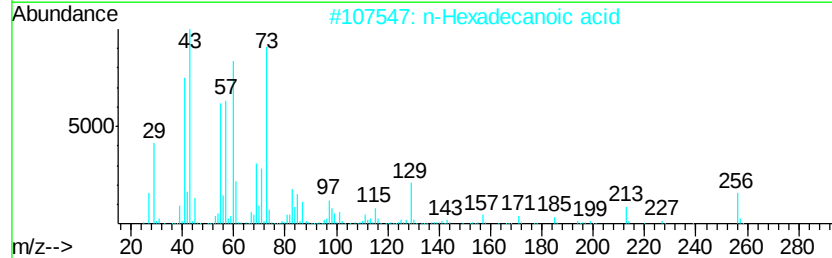
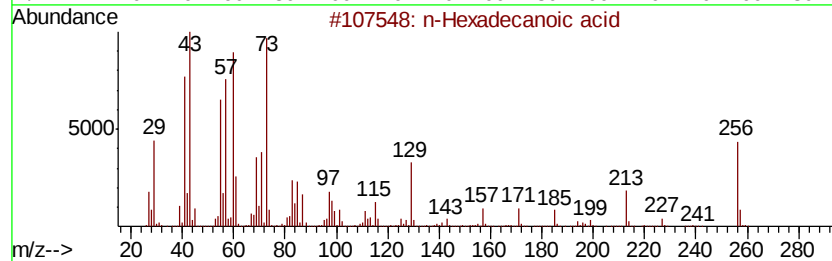
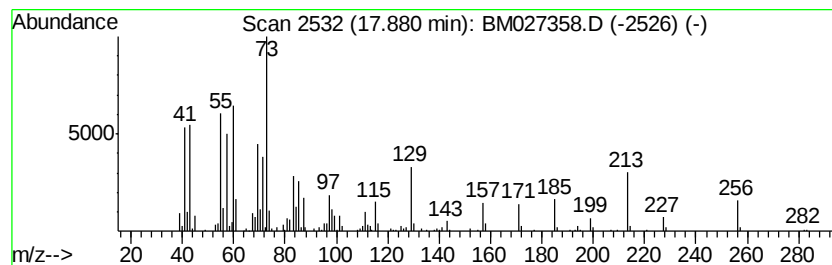
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
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TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	3.08 ng/ul	316499	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	60



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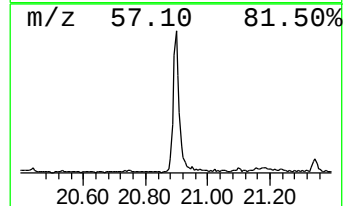
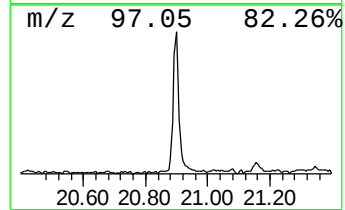
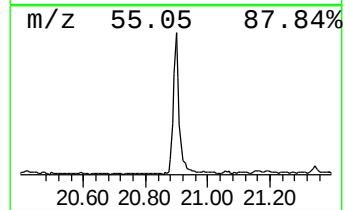
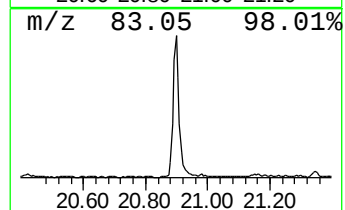
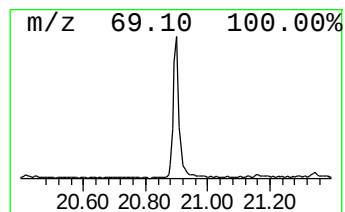
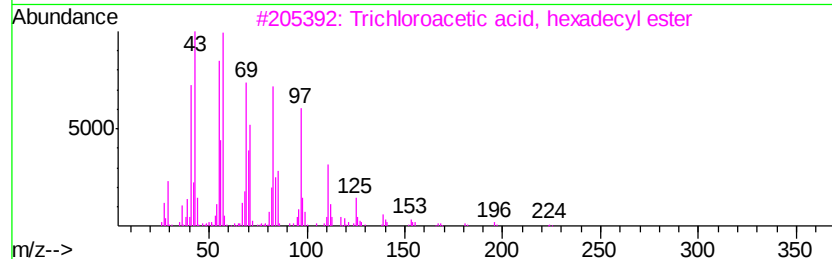
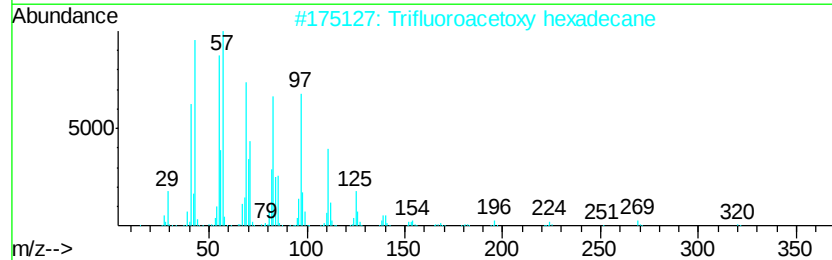
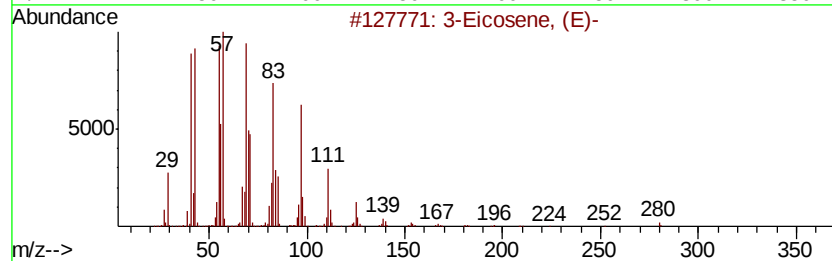
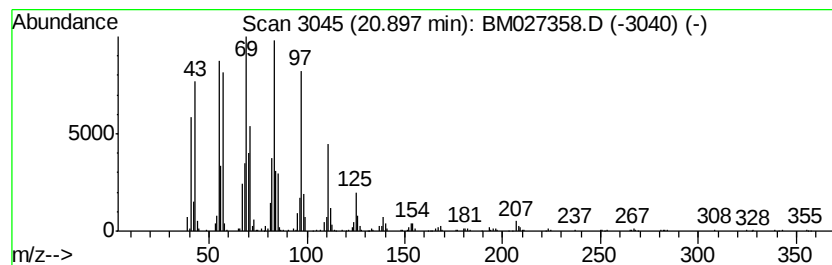
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	4.26 ng/ul	542598	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Trifluoroacetoxy	hexadecane	338	C18H33F3O2	006222-03-3	87
3	Trichloroacetic acid, hexadecyl	...	386	C18H33Cl3O2	074339-54-1	87
4	Heptadecyl heptafluorobutyrate		452	C21H35F7O2	959085-66-6	87
5	Behenic alcohol		326	C22H46O	000661-19-8	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.88	3.1	ng/ul	316499	4	16.96	2054330	20.0
(DEL) Alkane: Str...	20.90	4.3	ng/ul	542598	5	21.16	2550180	20.0