

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
 Data File : BM025024.D
 Acq On : 22 Feb 2020 13:32
 Operator : CG/JU
 Sample : L1507-21
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD19

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-BM020620MA.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	2.940	6	9	15	rVB	55221	64354	0.86%	0.093%
2	3.634	124	127	131	rBV2	10093	12346	0.17%	0.018%
3	4.522	275	278	284	rVB3	10060	13846	0.19%	0.020%
4	6.540	615	621	631	rBV	798540	1354411	18.16%	1.953%
5	6.693	641	647	662	rVB	722506	1143836	15.34%	1.649%
6	6.875	672	678	698	rBV	968951	1524817	20.44%	2.199%
7	7.334	748	756	768	rBV	883043	1341068	17.98%	1.934%
8	7.428	768	772	776	rVB7	7179	8662	0.12%	0.012%
9	8.051	872	878	895	rBV	1087923	1806447	24.22%	2.605%
10	8.475	943	950	961	rBV	844396	1371552	18.39%	1.978%
11	8.969	1028	1034	1040	rVB2	25948	39944	0.54%	0.058%
12	9.187	1065	1071	1083	rBV	699674	1187622	15.92%	1.713%
13	9.728	1156	1163	1179	rBV	1166233	2007544	26.92%	2.895%
14	10.086	1217	1224	1235	rBV	1200489	1965908	26.36%	2.835%
15	10.234	1242	1249	1277	rBV	969381	1877997	25.18%	2.708%
16	11.698	1492	1498	1503	rBV4	11771	23711	0.32%	0.034%
17	12.916	1697	1705	1712	rBV4	12146	21994	0.29%	0.032%
18	13.422	1784	1791	1795	rBV	2177473	3010297	40.36%	4.341%
19	13.469	1795	1799	1808	rVB	334296	486295	6.52%	0.701%
20	13.674	1828	1834	1851	rBV	2597414	3907652	52.39%	5.635%
21	13.992	1881	1888	1896	rBV	2049872	2907519	38.98%	4.193%
22	14.057	1896	1899	1904	rVB2	19802	27861	0.37%	0.040%
23	14.227	1922	1928	1947	rBV	481941	1063719	14.26%	1.534%
24	14.851	2029	2034	2040	rBV5	8774	14629	0.20%	0.021%
25	14.904	2040	2043	2047	rVB5	6628	8305	0.11%	0.012%
26	14.998	2052	2059	2066	rBV	3540502	4883331	65.47%	7.042%
27	15.133	2076	2082	2097	rBV	804508	1218203	16.33%	1.757%
28	15.239	2097	2100	2109	rVB2	41473	62559	0.84%	0.090%
29	15.786	2187	2193	2199	rVB7	13826	27034	0.36%	0.039%
30	16.533	2317	2320	2324	rBV4	9175	12820	0.17%	0.018%
31	16.563	2324	2325	2330	rVB4	9768	12421	0.17%	0.018%
32	16.751	2349	2357	2362	rBV	2646255	3716319	49.82%	5.359%
33	16.786	2362	2363	2367	rVV	97214	108267	1.45%	0.156%
34	16.845	2367	2373	2385	rVB2	3768966	5414763	72.60%	7.808%

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35	17.127	2418	2421	2425	rBV5	6323	9787	0.13%	0.014%
36	17.180	2427	2430	2438	rVB6	9264	17886	0.24%	0.026%
37	17.286	2444	2448	2450	rBV4	8224	11840	0.16%	0.017%
38	17.562	2491	2495	2496	rBV3	6100	8037	0.11%	0.012%
39	17.633	2503	2507	2511	rBV5	34526	51611	0.69%	0.074%
40	17.692	2512	2517	2526	rBV	238823	406917	5.46%	0.587%
41	17.815	2535	2538	2543	rBV5	15224	21529	0.29%	0.031%
42	17.886	2548	2550	2557	rVB8	5844	9460	0.13%	0.014%
43	17.974	2562	2565	2571	rBV3	20190	28606	0.38%	0.041%
44	18.380	2631	2634	2638	rBV6	5405	8046	0.11%	0.012%
45	18.568	2662	2666	2670	rBV5	21519	30201	0.40%	0.044%
46	18.792	2699	2704	2706	rBV	44935	65540	0.88%	0.095%
47	18.821	2706	2709	2714	rVB	97628	132360	1.77%	0.191%
48	18.992	2734	2738	2742	rBV4	54365	85032	1.14%	0.123%
49	19.045	2743	2747	2752	rVB	44031	70772	0.95%	0.102%
50	19.156	2760	2766	2777	rBV	5237078	7153557	95.91%	10.315%
51	20.721	3028	3032	3040	rBV	826211	1025474	13.75%	1.479%
52	20.962	3068	3073	3085	rBV	3656556	4800588	64.36%	6.922%
53	21.592	3177	3180	3186	rBV3	115554	179389	2.41%	0.259%
54	22.909	3398	3404	3415	rBV	4390061	7458776	100.00%	10.755%
55	23.039	3421	3426	3442	rVB	3032375	5125536	68.72%	7.391%

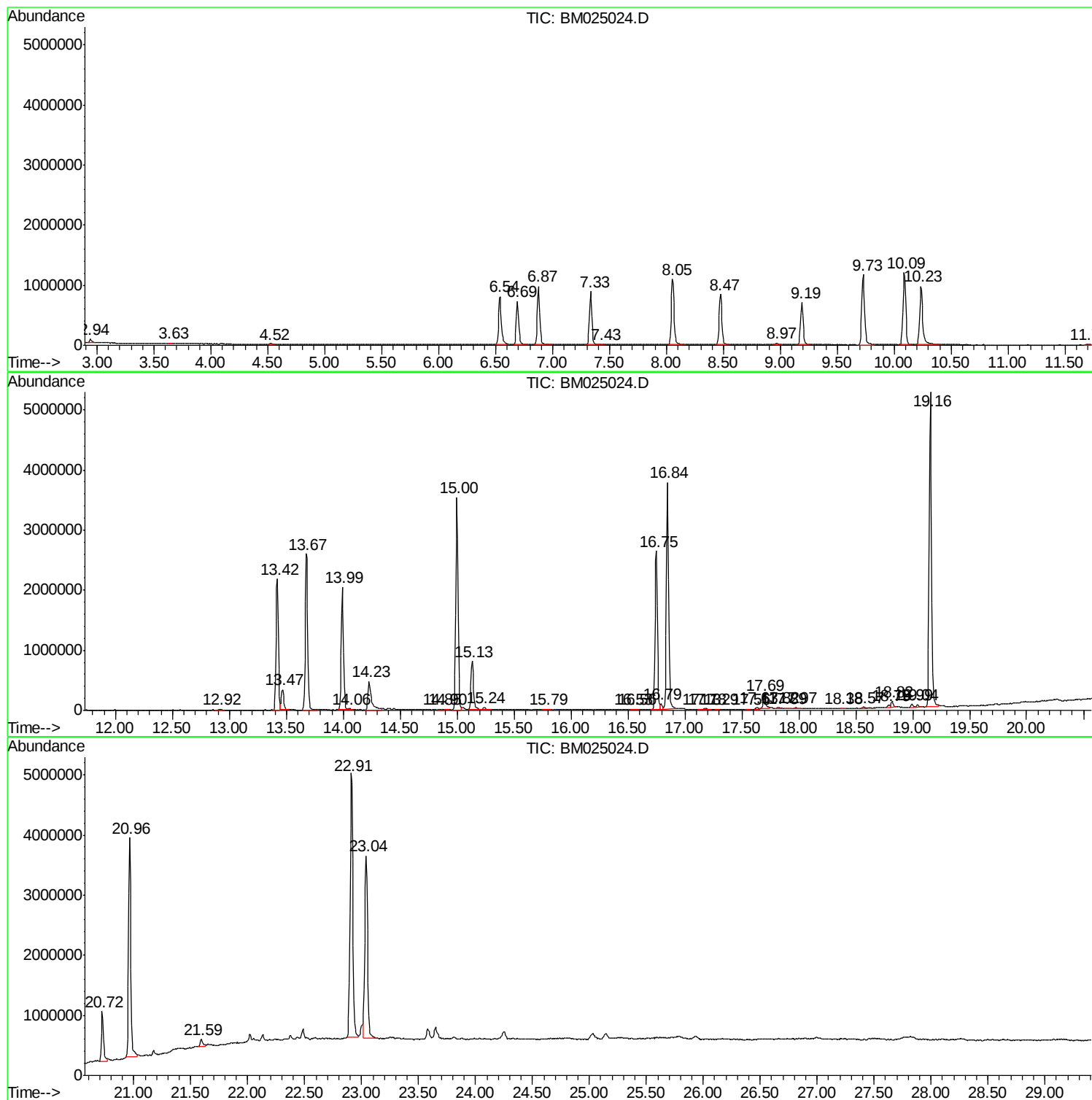
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



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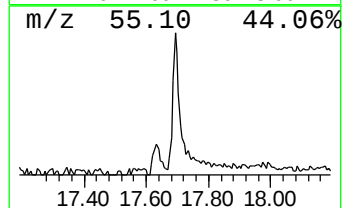
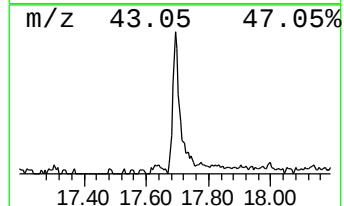
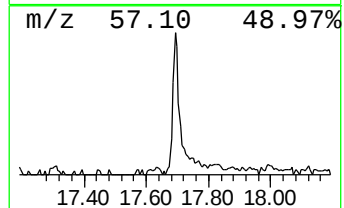
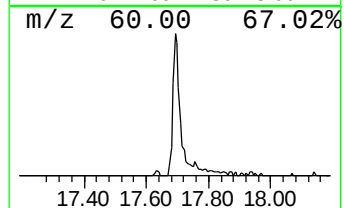
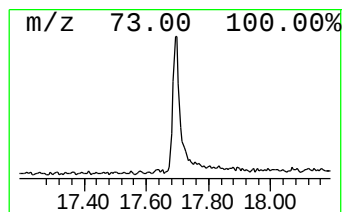
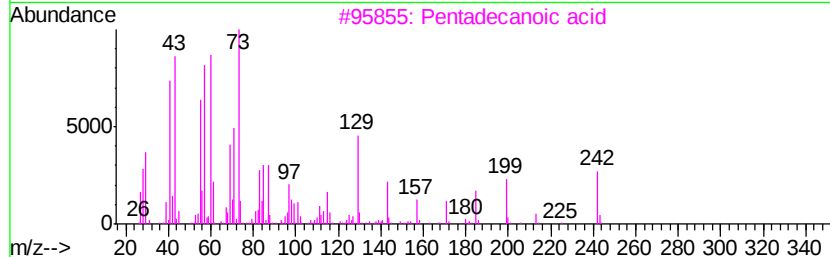
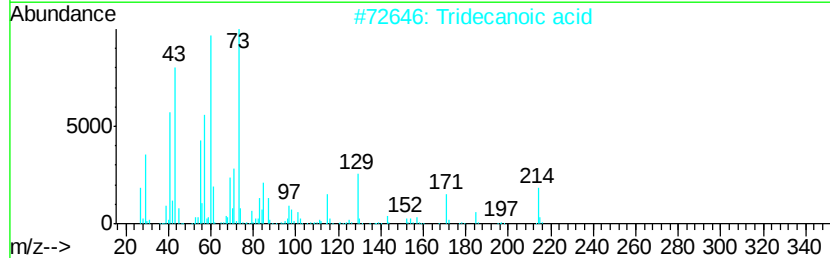
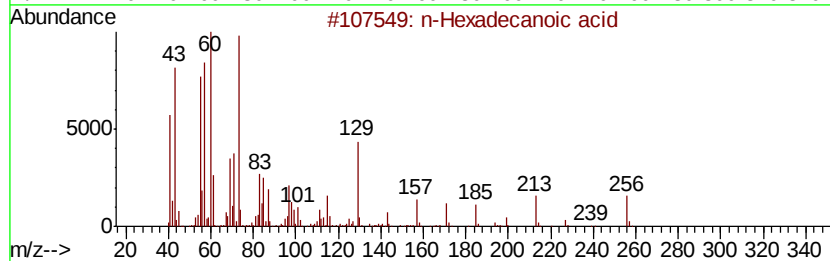
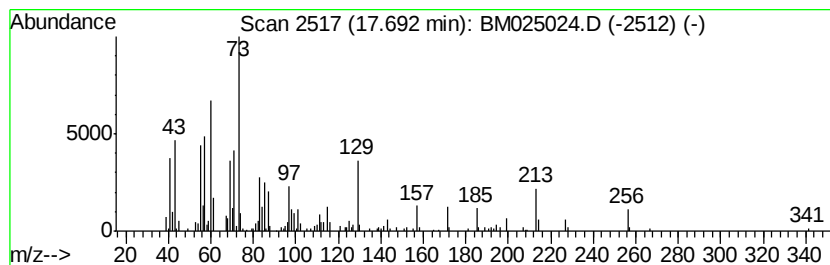
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Quant Title : SVOA CALIBRATION

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.
17.69	2.19 ng/ul	406917	Phenanthrene-d10	16.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2		Tridecanoic acid	214	C13H26O2	000638-53-9	70
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4		Octadecanoic acid	284	C18H36O2	000057-11-4	62
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	50



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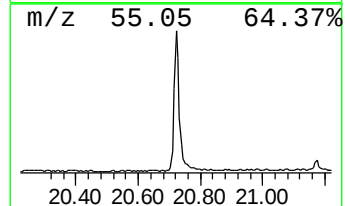
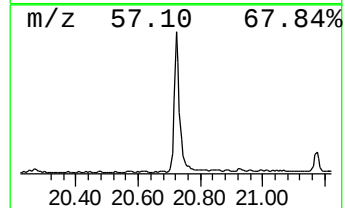
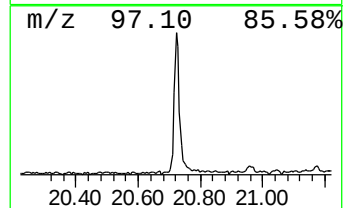
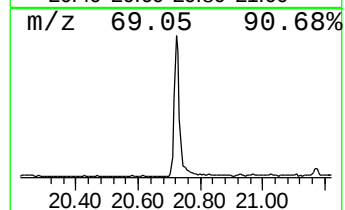
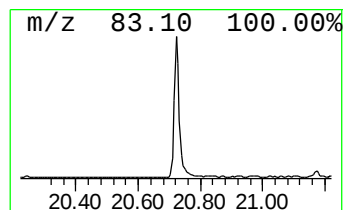
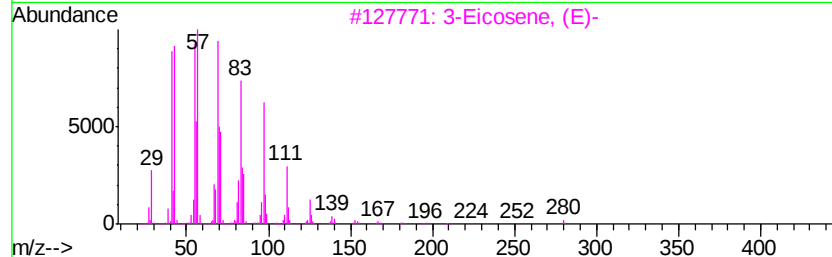
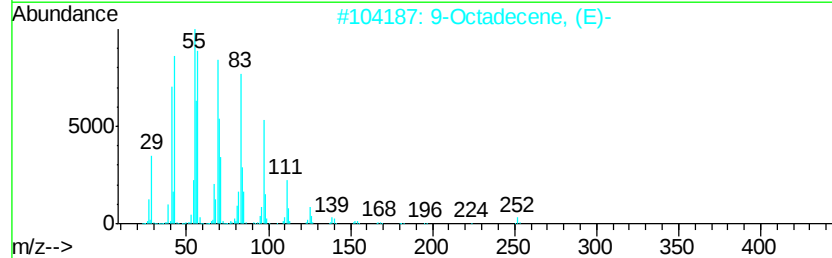
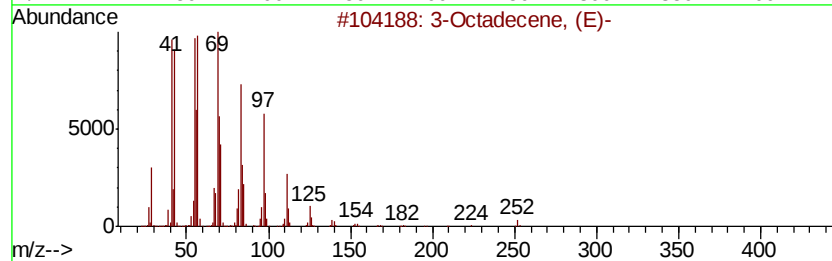
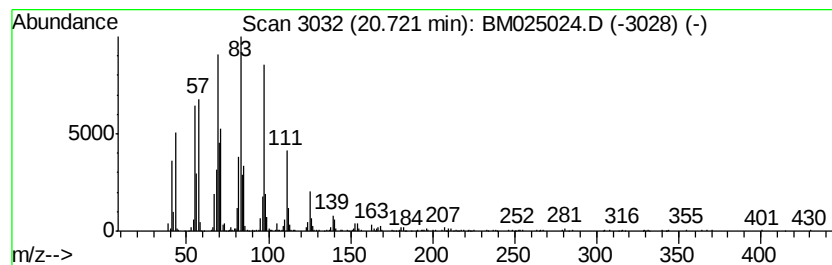
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	4.27 ng/ul	1025470	Chrysene-d12	20.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octadecene, (E)-	252	C18H36	007206-19-1	93
2		9-Octadecene, (E)-	252	C18H36	007206-25-9	93
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
5		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.69	2.2	ng/ul	406917	4	16.75	3716320	20.0
(DEL) Alkane: Str...	20.72	4.3	ng/ul	1025470	5	20.96	4800590	20.0