

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122420\
 Data File : BM028260.D
 Acq On : 24 Dec 2020 14:50
 Operator : JU/CG
 Sample : L5114-21
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54R5

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-BM121520MA.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	3.399	32	36	45	rVB	29392	39840	1.78%	0.158%
2	3.593	64	69	71	rBV6	1524	2564	0.11%	0.010%
3	3.746	90	95	97	rBV2	2401	3764	0.17%	0.015%
4	4.075	147	151	154	rBV2	3520	5639	0.25%	0.022%
5	4.210	169	174	180	rVB	4727	8112	0.36%	0.032%
6	4.710	257	259	263	rVB3	2493	3576	0.16%	0.014%
7	5.210	342	344	352	rVV6	2701	4767	0.21%	0.019%
8	6.016	476	481	485	rBV6	1742	3551	0.16%	0.014%
9	6.222	511	516	520	rVB4	1874	3523	0.16%	0.014%
10	7.140	669	672	680	rBV5	3351	5654	0.25%	0.022%
11	7.328	693	704	717	rBV	480981	838621	37.41%	3.324%
12	7.499	724	733	743	rBV	375383	587294	26.20%	2.328%
13	7.710	762	769	778	rBV	505623	814597	36.34%	3.229%
14	7.781	778	781	786	rBV2	5050	7621	0.34%	0.030%
15	8.187	843	850	856	rBV	315360	496856	22.16%	1.969%
16	8.240	856	859	867	rVB2	14016	20532	0.92%	0.081%
17	8.893	962	970	981	rBV	585284	931571	41.56%	3.693%
18	9.363	1042	1050	1057	rBV	444721	733531	32.72%	2.908%
19	9.451	1059	1065	1072	rVB3	5130	8329	0.37%	0.033%
20	9.516	1072	1076	1080	rBV5	2274	3055	0.14%	0.012%
21	9.751	1108	1116	1122	rBV	8064	12124	0.54%	0.048%
22	10.087	1166	1173	1181	rBV	380918	627813	28.01%	2.489%
23	10.628	1257	1265	1273	rBV	578963	954582	42.58%	3.784%
24	11.016	1323	1331	1340	rBV	406710	686385	30.62%	2.721%
25	11.145	1344	1353	1361	rBV	556139	949771	42.37%	3.765%
26	12.398	1560	1566	1572	rVB5	3083	5456	0.24%	0.022%
27	12.481	1572	1580	1585	rBV3	4095	7160	0.32%	0.028%
28	12.586	1593	1598	1605	rVB	10292	14261	0.64%	0.057%
29	13.622	1771	1774	1779	rBV2	5845	8673	0.39%	0.034%
30	13.692	1782	1786	1793	rVB3	3943	5883	0.26%	0.023%
31	14.022	1833	1842	1846	rBV2	8257	13019	0.58%	0.052%
32	14.216	1868	1875	1879	rBV	917693	1260790	56.24%	4.997%
33	14.257	1879	1882	1887	rVB	51220	65329	2.91%	0.259%
34	14.510	1919	1925	1935	rVV	1121025	1623410	72.42%	6.435%

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35	14.686	1950	1955	1962	rVB3	4644	6808	0.30%	0.027%
36	14.816	1971	1977	1985	rVB2	589559	851915	38.00%	3.377%
37	14.986	2000	2006	2015	rBV	439090	619894	27.65%	2.457%
38	15.210	2042	2044	2051	rVB4	6193	8589	0.38%	0.034%
39	15.627	2113	2115	2120	rVB3	3476	4287	0.19%	0.017%
40	15.798	2137	2144	2152	rVB	1371308	1890450	84.33%	7.493%
41	15.910	2157	2163	2171	rBV	419724	565318	25.22%	2.241%
42	16.033	2177	2184	2188	rBV2	15552	21068	0.94%	0.084%
43	16.427	2245	2251	2255	rBV6	1653	4106	0.18%	0.016%
44	16.574	2272	2276	2278	rBV3	3873	5221	0.23%	0.021%
45	16.763	2305	2308	2310	rVB3	2713	2779	0.12%	0.011%
46	17.210	2382	2384	2388	rBV3	2247	2562	0.11%	0.010%
47	17.274	2390	2395	2397	rBV4	2659	3422	0.15%	0.014%
48	17.321	2400	2403	2409	rVB5	2615	4534	0.20%	0.018%
49	17.533	2432	2439	2446	rBV	651424	938524	41.87%	3.720%
50	17.633	2449	2456	2466	rVV2	1400162	1947898	86.89%	7.721%
51	17.704	2466	2468	2472	rVB4	3737	4449	0.20%	0.018%
52	18.392	2579	2585	2595	rBV	188956	266458	11.89%	1.056%
53	19.433	2759	2762	2765	rBV2	12376	14237	0.64%	0.056%
54	19.527	2771	2778	2782	rBV	21518	36426	1.62%	0.144%
55	19.645	2794	2798	2804	rBV2	62782	83783	3.74%	0.332%
56	19.780	2818	2821	2827	rVB	18886	24532	1.09%	0.097%
57	19.892	2834	2840	2849	rBV	1677327	2210239	98.60%	8.761%
58	20.374	2919	2922	2926	rBV5	13801	21253	0.95%	0.084%
59	21.339	3082	3086	3096	rBV	486416	683603	30.50%	2.710%
60	21.651	3134	3139	3144	rBV	792617	1003138	44.75%	3.976%
61	23.856	3507	3514	3522	rVB	1138231	2241682	100.00%	8.886%
62	24.009	3534	3540	3547	rVB2	522833	1003635	44.77%	3.978%

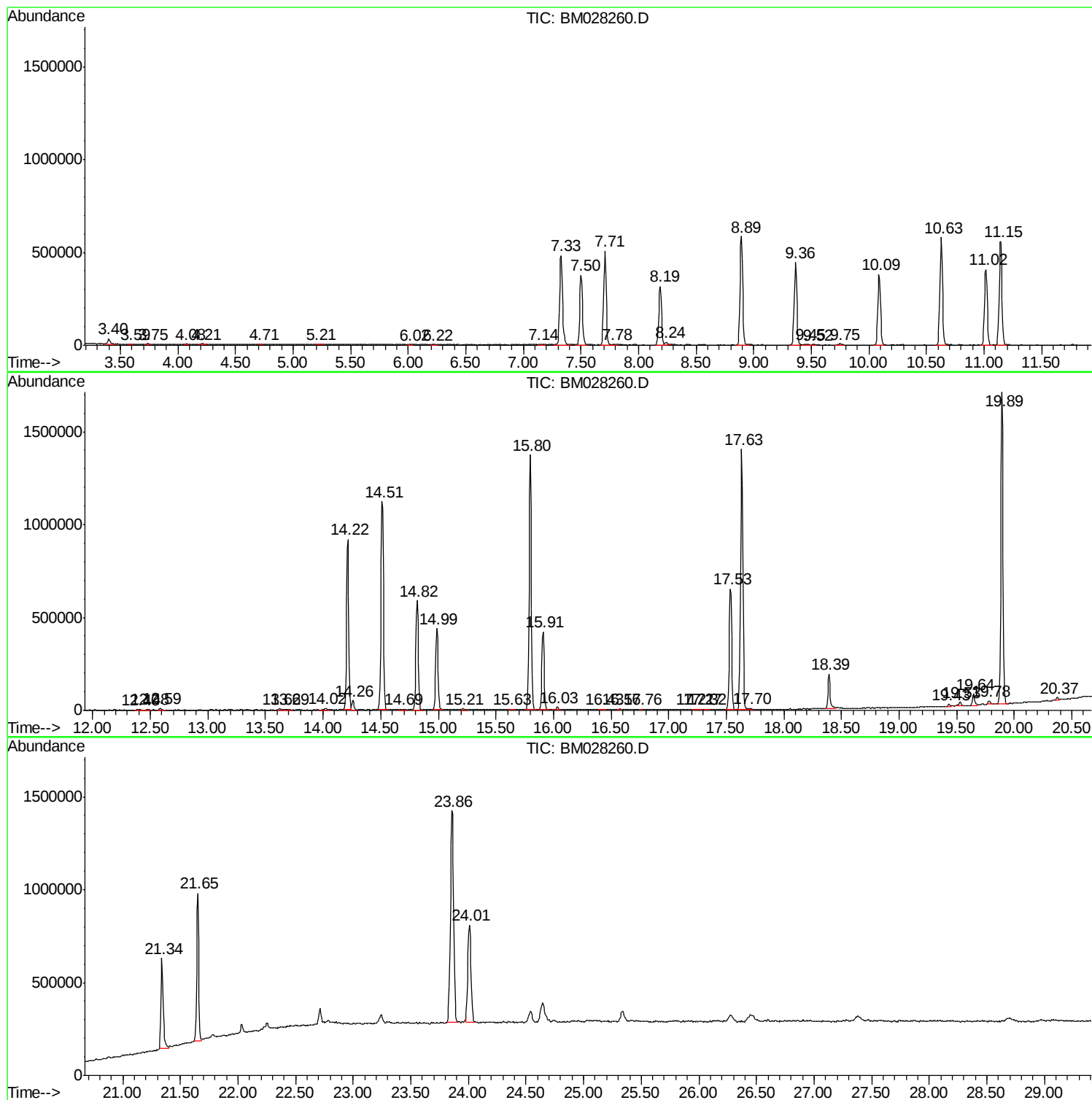
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Quant Title : SVOA CALIBRATION

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



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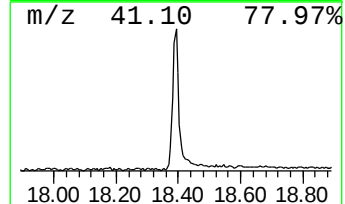
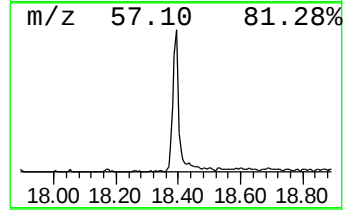
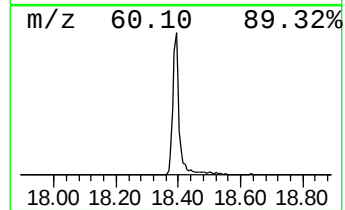
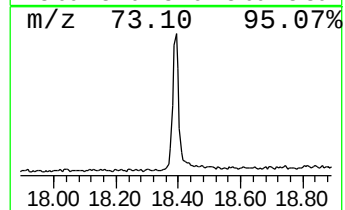
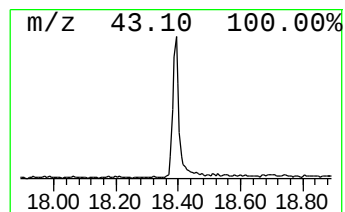
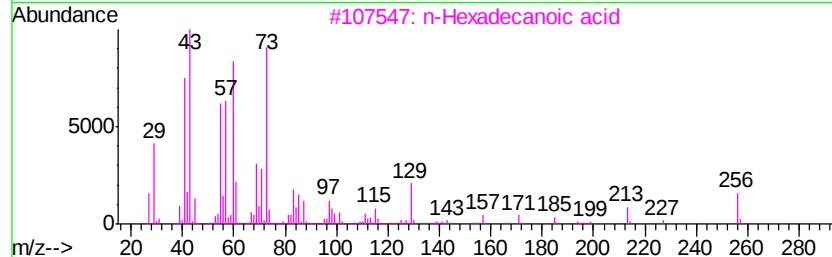
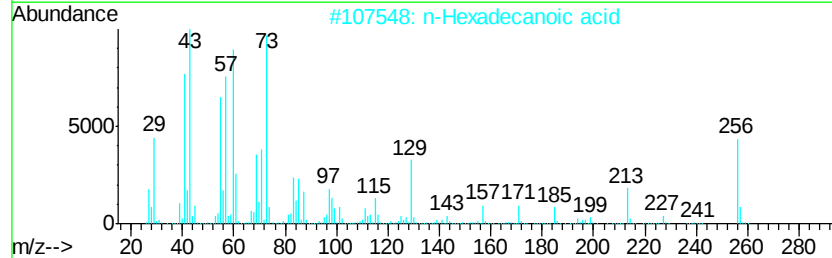
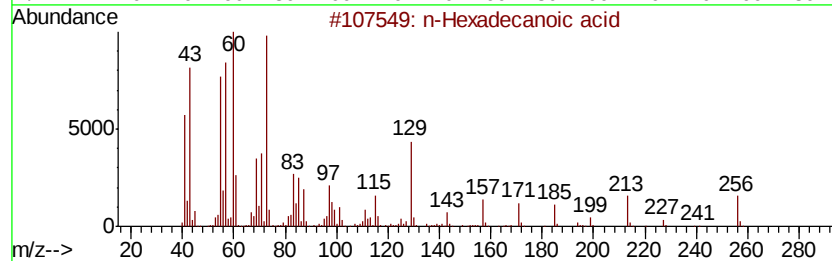
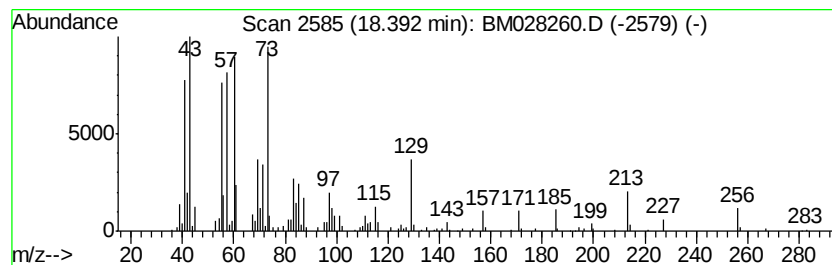
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	5.68 ng/ul	266458	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	80



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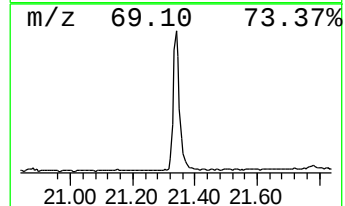
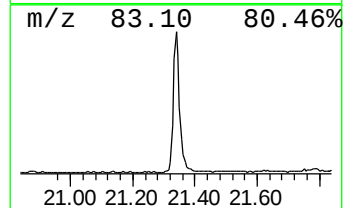
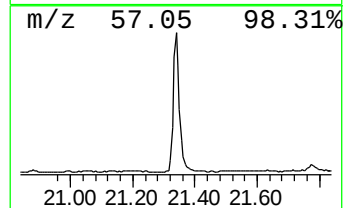
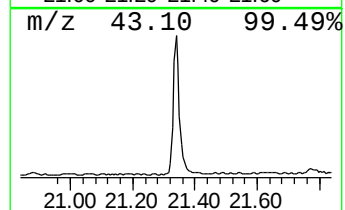
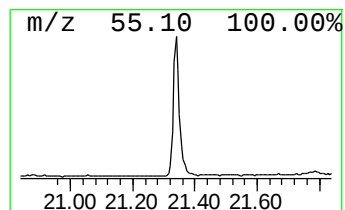
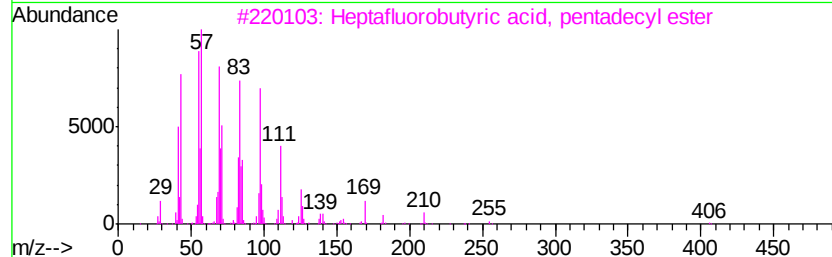
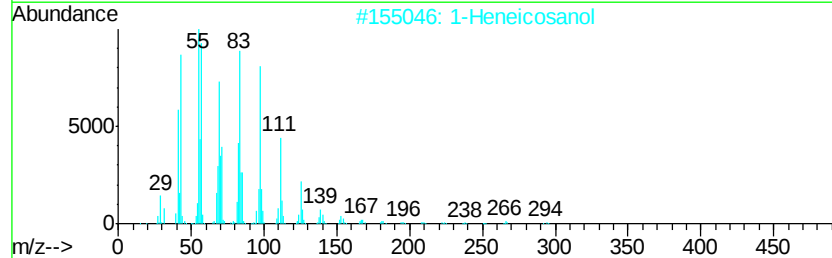
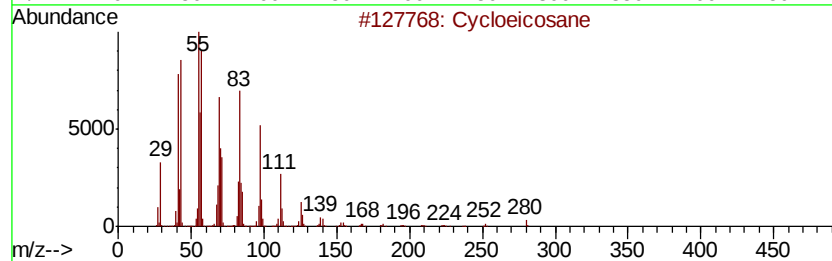
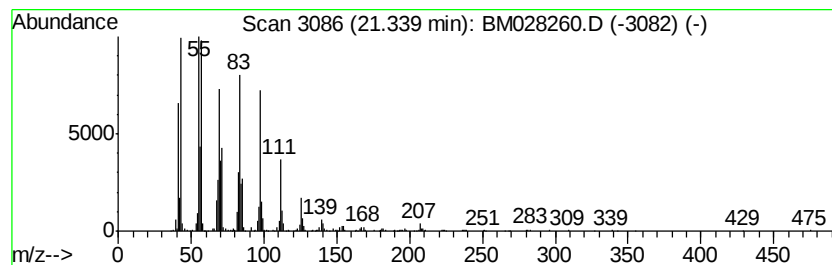
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Peak Number 2 (DEL) Alkane: Cyclic21.34 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	13.63 ng/ul	683603	Chrysene-d12	21.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloeicosane	280	C20H40	000296-56-0	99
2		1-Heneicosanol	312	C21H44O	015594-90-8	95
3		Heptafluorobutyric acid, penta...	424	C19H31F7O2	959261-23-5	94
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.39	5.7	ng/ul	266458	4	17.53	938524	20.0
(DEL) Alkane: Cyc...	21.34	13.6	ng/ul	683603	5	21.65	1003140	20.0