LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031122\
Data File : BM034227.D
Acq On : 11 Mar 2022 18:00
Operator : CG/JU
Sample : N1816-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBSC8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BM031022.M
Title : SVOA CALIBRATION

Signal : TIC: BM034227.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.319	11	14	24	rVB	46204	60365	1.67%	0.156%
2	3.743	82	86	102	rBV	421487	607032	16.77%	1.568%
3	4.090	143	145	149	rVB2	10879	11442	0.32%	0.030%
4	5.025	301	304	311	rVB3	7761	13192	0.36%	0.034%
5	6.954	628	632	636	rVB5	3032	4497	0.12%	0.012%
6	7.101	651	657	668	rBV	581131	930022	25.69%	2.402%
7	7.272	680	686	696	rVB	511036	791293	21.86%	2.044%
8	7.478	714	721	732	rBV	673814	1072019	29.61%	2.769%
9	7.954	795	802	809	rBV	513074	835056	23.06%	2.157%
10	8.025	810	814	819	rVB4	4840	9392	0.26%	0.024%
11	8.654	914	921	932	rBV	793847	1275784	35.24%	3.295%
12	9.113	991	999	1011	rBV	624557	1027392	28.38%	2.654%
13	9.572	1070	1077	1082	rVB	21770	35176	0.97%	0.091%
14	9.836	1115	1122	1132	rBV	505986	858297	23.71%	2.217%
15	10.378	1207	1214	1226	rBV	844134	1420784	39.24%	3.670%
16	10.766	1272	1280	1288	rBV	699380	1165500	32.19%	3.010%
17	10.895	1294	1302	1314	rBV	681713	1245799	34.41%	3.218%
18	12.201	1517	1524	1528	rBV3	11687	19072	0.53%	0.049%
19	12.354	1545	1550	1555	rBV3	10826	16875	0.47%	0.044%
20	12.830	1625	1631	1634	rBV4	3677	5328	0.15%	0.014%
21	12.877	1634	1639	1642	rVB5	2830	4010	0.11%	0.010%
22	13.007	1657	1661	1664	rVB4	3621	4842	0.13%	0.013%
23	13.089	1671	1675	1678	rBV5	2608	4325	0.12%	0.011%
24	13.142	1681	1684	1686	rBV3	2772	3732	0.10%	0.010%
25	13.430	1725	1733	1740	rBV2	19284	26161	0.72%	0.068%
26	13.566	1751	1756	1761	rBV7	2676	6035	0.17%	0.016%
27	14.001	1823	1830	1838	rBV	1490180	2083236	57.54%	5.381%
28	14.283	1871	1878	1898	rBV	1757038	2582089	71.32%	6.669%
29	14.501	1911	1915	1917	rVB4	4510	3830	0.11%	0.010%
30	14.589	1921	1930	1942	rBV	1072484	1577877	43.58%	4.075%
31	14.766	1954	1960	1976	rBV	362977	637308	17.60%	1.646%
32	15.001	1997	2000	2006	rVB7	4397	6439	0.18%	0.017%
33	15.583	2092	2099	2111	rBV	2172643	3160799	87.30%	8.164%
34	15.689	2111	2117	2129	rVV	493656	697143	19.25%	1.801%
35	15.771	2129	2131	2134	rVV4	3285	4320	0.12%	0.011%
36	15.818	2134	2139	2143	rVB2	10011	16137	0.45%	0.042%

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Title : SVOA CALIBRATION

37	16.365	2227	2232	2236	rVB5	2304	4096	0.11%	0.011%
38	17.118	2354	2360	2366	rBV4	5213	10585	0.29%	0.027%
39	17.330	2390	2396	2406	rBV	1239878	1723407	47.60%	4.451%
40	17.430	2406	2413	2425	rBV	2224425	3133670	86.55%	8.094%
41	18.007	2509	2511	2516	rVB6	4424	5741	0.16%	0.015%
42	18.224	2543	2548	2558	rBV	120013	176372	4.87%	0.456%
43	18.295	2558	2560	2565	rVB6	3983	7347	0.20%	0.019%
44	19.283	2724	2728	2734	rVB3	28083	38784	1.07%	0.100%
45	19.353	2736	2740	2744	rBV	33957	48473	1.34%	0.125%
46	19.501	2761	2765	2769	rBV5	23470	35054	0.97%	0.091%
47	19.718	2796	2802	2808	rBV	2685269	3620588	100.00%	9.351%
48	21.212	3052	3056	3065	rBV	477079	604421	16.69%	1.561%
49	21.500	3100	3105	3123	rBV	1131034	1822655	50.34%	4.708%
50	23.765	3483	3490	3498	rBV2	1580446	3344028	92.36%	8.637%
51	23.924	3511	3517	3531	rVB	910343	1918932	53.00%	4.956%

Sum of corrected areas: 38716753

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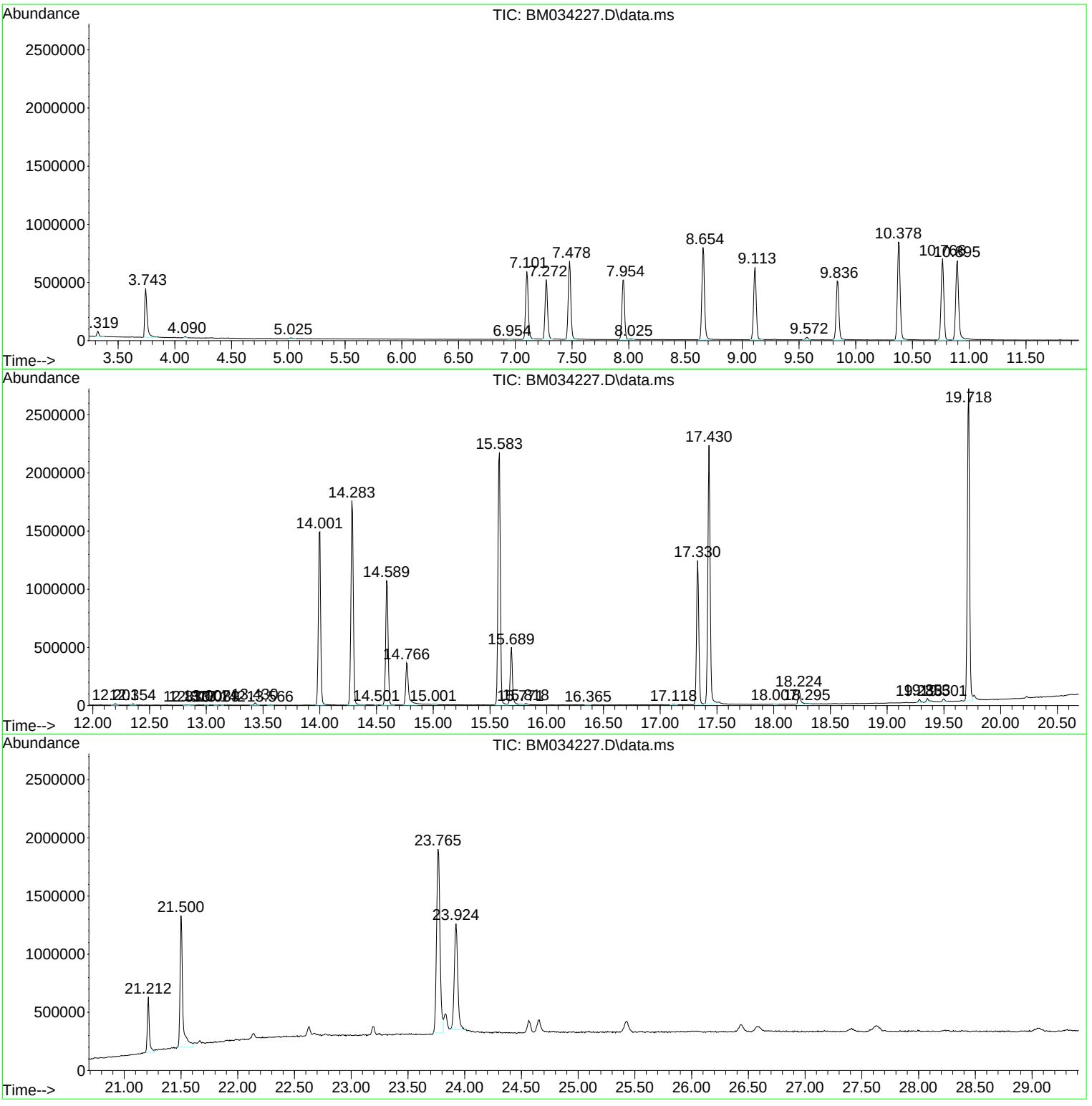
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031022.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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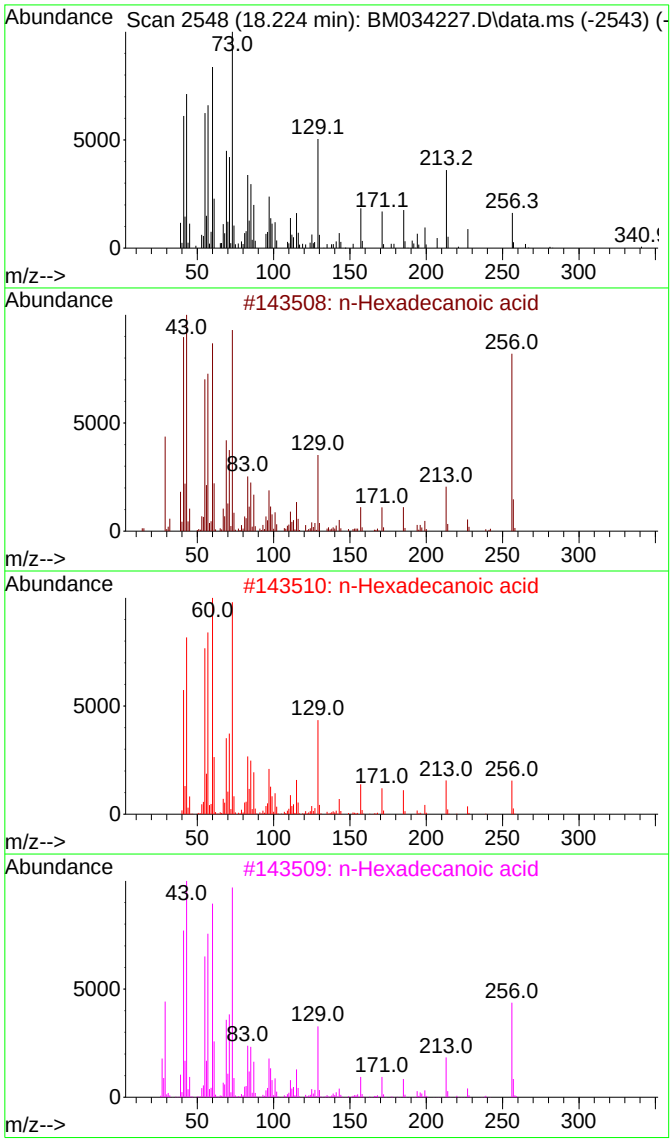
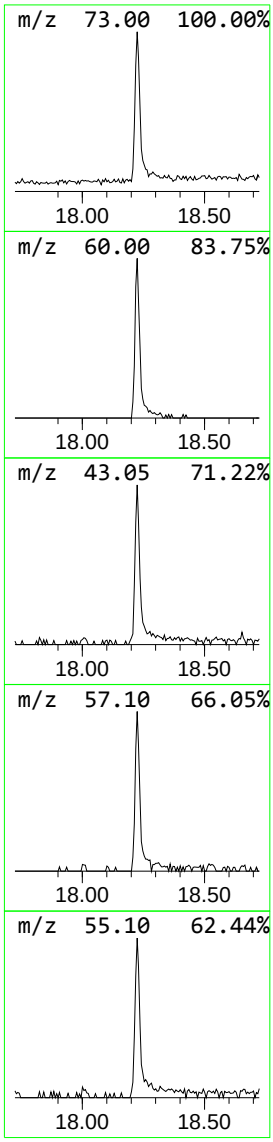
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.224	2.05 ng/ul	176372	Phenanthrene-d10	17.330

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	90





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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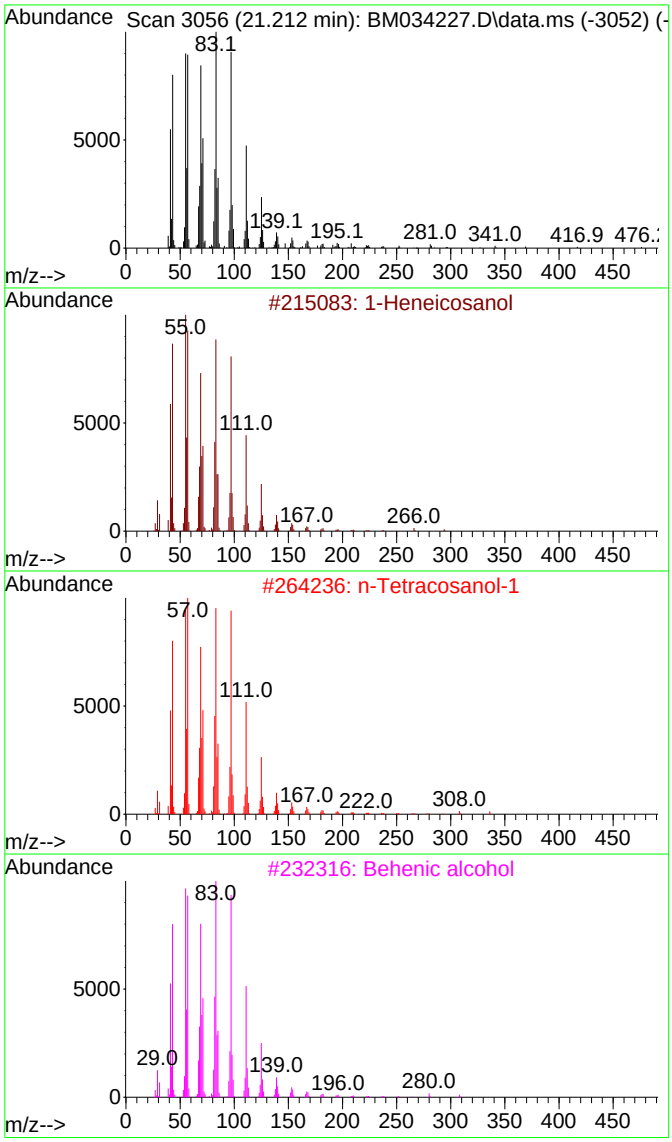
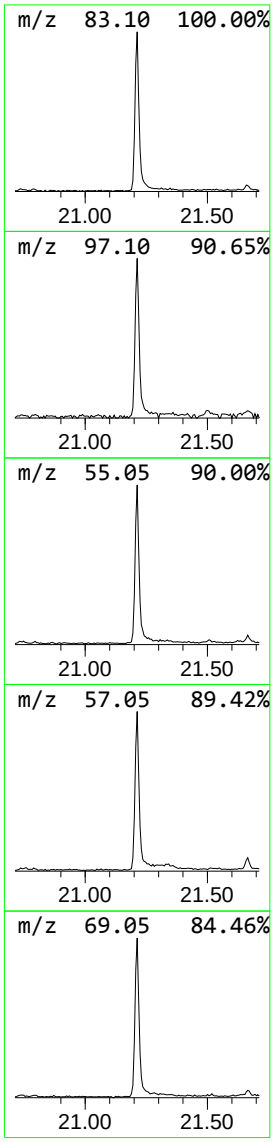
Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.212	6.63 ng/ul	604421	Chrysene-d12	21.500

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.224	2.0	ng/ul	176372	4	17.330	1723410	20.0
1-Heneicosanol	21.212	6.6	ng/ul	604421	5	21.500	1822660	20.0