LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM025007.D
Acq On : 22 Feb 2020 03:21
Operator : CG/JU
Sample : L1507-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD03

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\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	18	rVB	66996	90103	1.39%	0.163%
2	3.634	123	127	131	rBV3	10937	15050	0.23%	0.027%
3	3.863	162	166	169	rBV5	5454	8772	0.14%	0.016%
4	4.528	275	279	283	rBV2	9657	15673	0.24%	0.028%
5	6.540	615	621	639	rBV	782345	1319108	20.38%	2.379%
6	6.693	641	647	659	rBV	734948	1140389	17.62%	2.057%
7	6.875	672	678	689	rBV	940543	1514792	23.40%	2.732%
8	7.334	750	756	770	rBV	555603	892425	13.79%	1.610%
9	7.434	770	773	776	rBV4	6381	9652	0.15%	0.017%
10	8.057	872	879	894	rBV	1022040	1748895	27.02%	3.154%
11	8.475	943	950	965	rBV	836741	1374379	21.23%	2.479%
12	8.969	1027	1034	1039	rBV2	21288	34872	0.54%	0.063%
13	9.192	1065	1072	1084	rBV	676571	1155001	17.84%	2.083%
14	9.728	1156	1163	1184	rBV	1100288	1932746	29.86%	3.486%
15	10.092	1218	1225	1236	rBV	754067	1235619	19.09%	2.229%
16	10.233	1242	1249	1273	rBV	850553	1738125	26.85%	3.135%
17	11.710	1494	1500	1509	rBV3	8553	21682	0.33%	0.039%
18	12.922	1700	1706	1716	rBV2	65061	109321	1.69%	0.197%
19	13.422	1783	1791	1796	rBV	1988306	2775985	42.89%	5.007%
20	13.469	1796	1799	1814	rVB	142751	226454	3.50%	0.408%
21	13.680	1828	1835	1854	rBV	2426655	3577228	55.27%	6.452%
22	13.992	1882	1888	1896	rBV2	1196855	1744821	26.96%	3.147%
23	14.057	1896	1899	1905	rVB	21404	31507	0.49%	0.057%
24	14.227	1922	1928	1950	rBV	352421	864394	13.35%	1.559%
25	14.404	1954	1958	1962	rVB	12579	19180	0.30%	0.035%
26	14.845	2030	2033	2038	rVB5	4556	7054	0.11%	0.013%
27	14.998	2052	2059	2066	rBV	3141398	4467877	69.02%	8.058%
28	15.133	2077	2082	2095	rBV	765918	1117406	17.26%	2.015%
29	15.239	2097	2100	2107	rVB2	37878	57179	0.88%	0.103%
30	15.357	2116	2120	2124	rVB4	4454	8110	0.13%	0.015%
31	15.515	2140	2147	2151	rVB7	4151	8584	0.13%	0.015%
32	15.786	2188	2193	2201	rVB7	11752	21559	0.33%	0.039%
33	16.539	2318	2321	2323	rBV3	5634	7500	0.12%	0.014%
34	16.751	2351	2357	2367	rBV	1496351	2104274	32.51%	3.795%

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Title : SVOA CALIBRATION

35	16.851	2367	2374	2394	rVB	3262631	4742651	73.27%	8.554%
36	17.192	2428	2432	2438	rVB6	13706	22799	0.35%	0.041%
37	17.698	2513	2518	2532	rBV2	135568	278038	4.30%	0.501%
38	18.651	2675	2680	2683	rBV7	9423	20084	0.31%	0.036%
39	18.792	2700	2704	2708	rBV	34155	48365	0.75%	0.087%
40	18.821	2708	2709	2713	rVB4	8879	9488	0.15%	0.017%
41	18.998	2735	2739	2743	rBV6	30377	52099	0.80%	0.094%
42	19.045	2743	2747	2754	rVB2	31389	57377	0.89%	0.103%
43	19.156	2760	2766	2779	rBV	4526613	5964090	92.14%	10.757%
44	19.733	2861	2864	2867	rBV5	17026	21381	0.33%	0.039%
45	20.727	3028	3033	3041	rBV	664080	878858	13.58%	1.585%
46	20.962	3068	3073	3087	rBV2	1731529	2541398	39.26%	4.584%
47	21.592	3178	3180	3186	rVB4	87185	112356	1.74%	0.203%
48	22.915	3398	3405	3415	rBV	3751409	6472857	100.00%	11.674%
49	23.039	3421	3426	3437	rVB	1626658	2828322	43.70%	5.101%

Sum of corrected areas: 55445879

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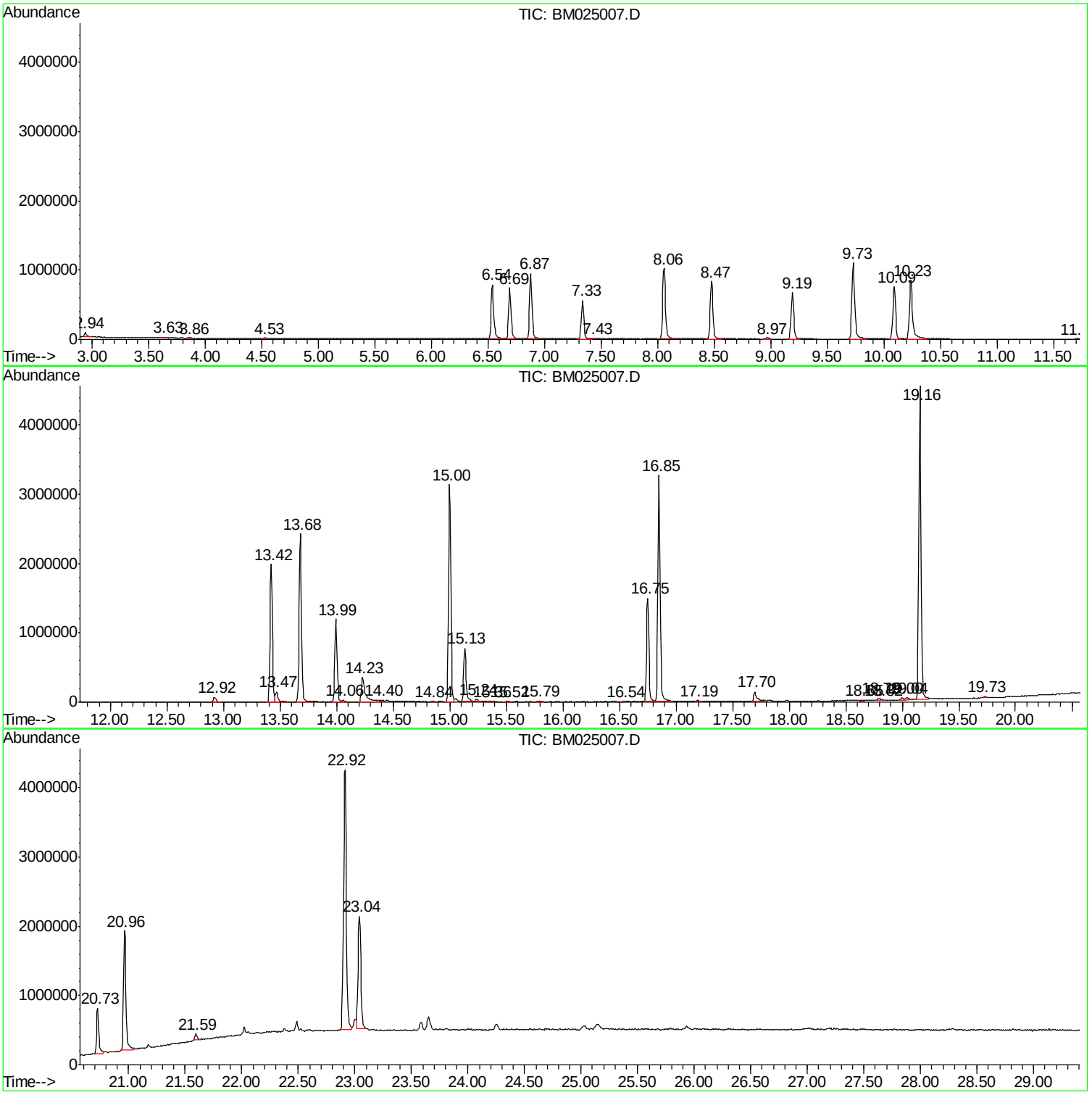
ClientSampleId :
DBD03

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



Library Search Compound Report

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Data File : BM025007.D
Acq On : 22 Feb 2020 03:21
Operator : CG/JU
Sample : L1507-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD03

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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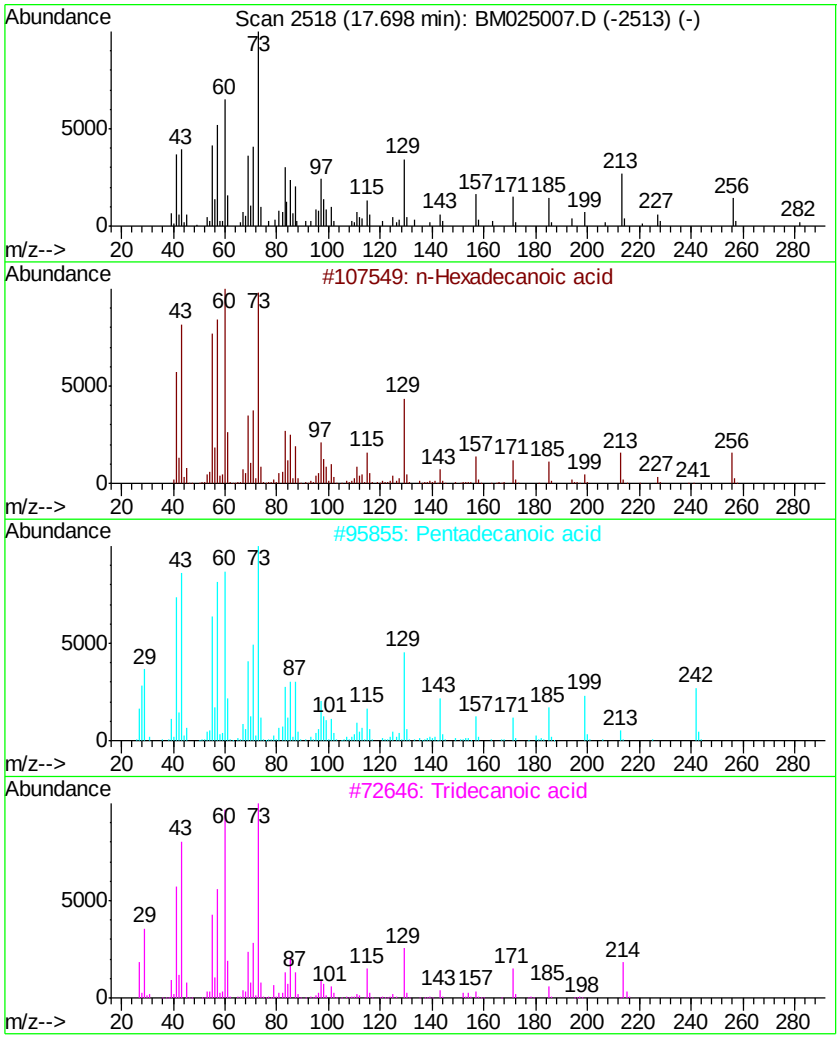
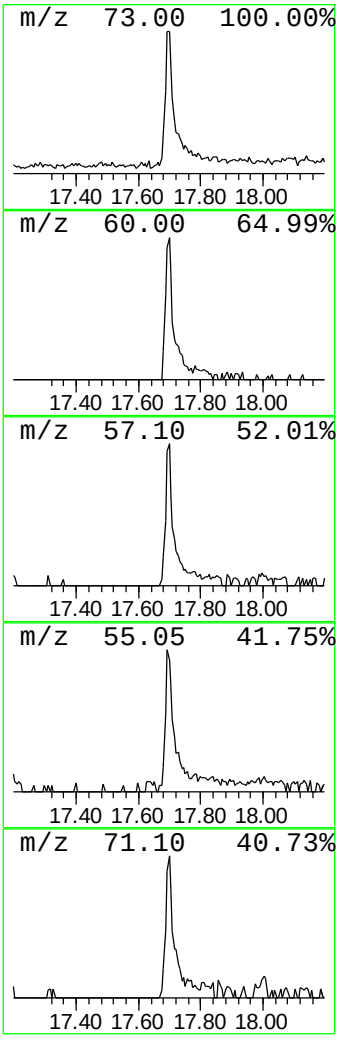
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	2.64 ng/ul	278038	Phenanthrene-d10	16.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3	Tridecanoic acid	214	C13H26O2	000638-53-9	47
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	46
5	Dodecanoic acid	200	C12H24O2	000143-07-7	43





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Quant Title : SVOA CALIBRATION

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

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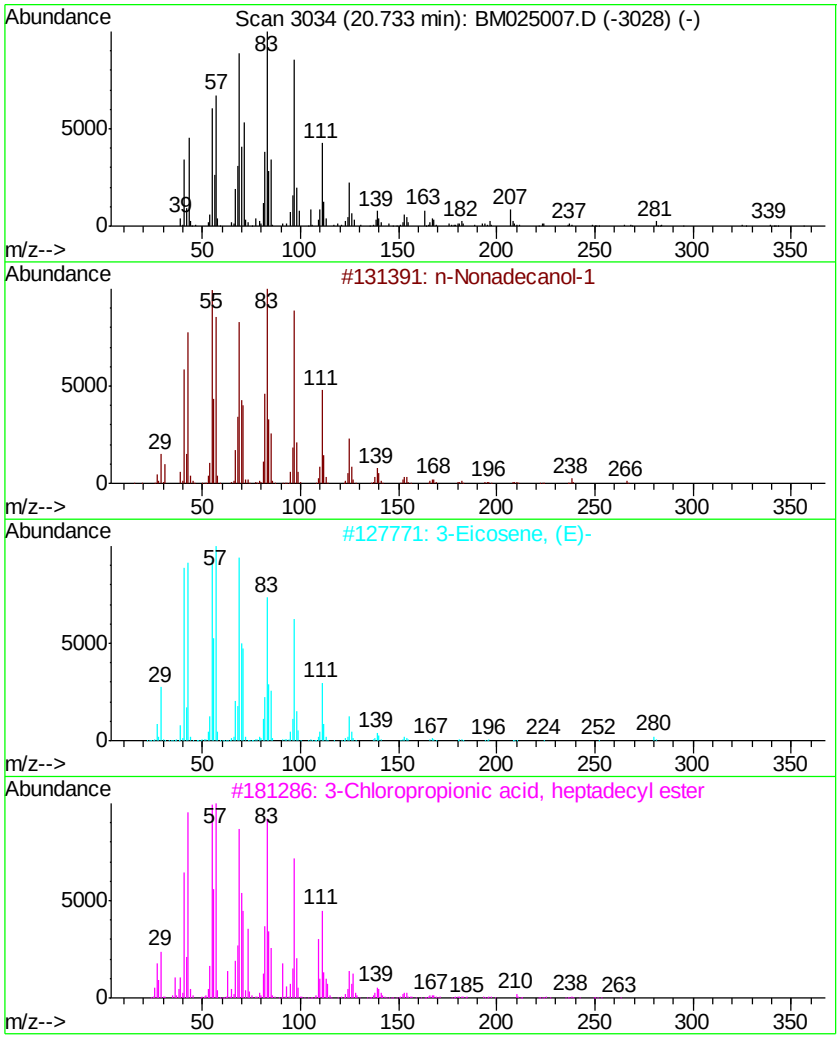
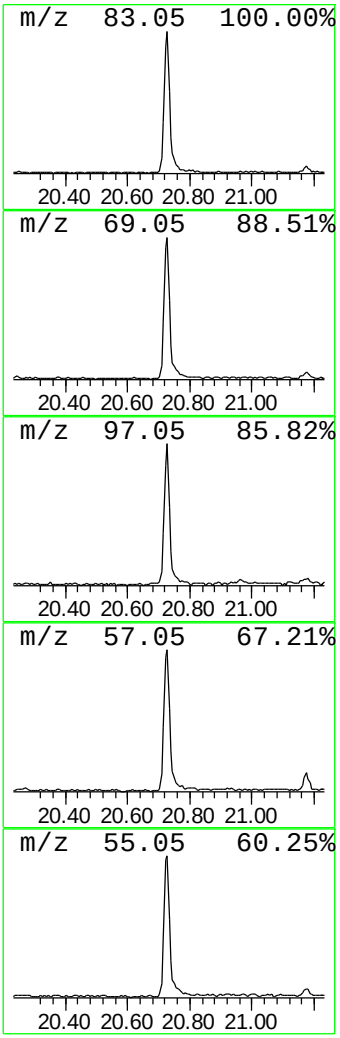
Peak Number 2 n-Nonadecanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	6.92 ng/ul	878858	Chrysene-d12	20.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	74
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	74
5	1-Heptacosanol	396	C27H56O	002004-39-9	70





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.70	2.6	ng/ul	278038	4	16.75	2104270	20.0
n-Nonadecanol-1	20.73	6.9	ng/ul	878858	5	20.96	2541400	20.0