LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030421\
Data File : BM028985.D
Acq On : 04 Mar 2021 12:14
Operator : CG/JU
Sample : M1558-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD6

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-BM022721MA.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	3.040	8	9	12	rBV2	473	401	0.13%	0.016%
2	3.122	20	23	29	rVB	2773	3353	1.13%	0.130%
3	3.246	38	44	48	rBV2	272	651	0.22%	0.025%
4	3.781	132	135	140	rVB2	516	933	0.31%	0.036%
5	3.834	140	144	145	rBV	217	339	0.11%	0.013%
6	3.881	148	152	155	rVV	437	424	0.14%	0.016%
7	6.951	670	674	683	rBB	10819	15871	5.33%	0.614%
8	7.104	695	700	709	rBB	38691	58750	19.71%	2.273%
9	7.298	727	733	740	rBV	45690	70797	23.75%	2.739%
10	7.763	807	812	820	rBB	46834	71536	24.00%	2.768%
11	8.492	932	936	947	rBB2	27885	44449	14.91%	1.720%
12	8.939	1007	1012	1022	rBB	52732	82285	27.61%	3.184%
13	9.657	1129	1134	1141	rBV	43549	68066	22.84%	2.633%
14	10.198	1221	1226	1236	rBV	58577	93307	31.31%	3.610%
15	10.563	1282	1288	1296	rBB	60043	95266	31.96%	3.686%
16	10.733	1313	1317	1322	rBB	895	1448	0.49%	0.056%
17	13.845	1840	1846	1851	rBV	111700	143301	48.08%	5.544%
18	13.892	1851	1854	1857	rVB	590	817	0.27%	0.032%
19	14.121	1887	1893	1899	rBV	118144	164132	55.07%	6.350%
20	14.427	1939	1945	1951	rBB2	80344	112335	37.69%	4.346%
21	14.680	1984	1988	1995	rBB	4584	7236	2.43%	0.280%
22	15.421	2109	2114	2121	rBB	154742	205734	69.03%	7.960%
23	15.568	2135	2139	2147	rBB	54816	68123	22.86%	2.636%
24	15.663	2152	2155	2157	rBB	626	566	0.19%	0.022%
25	16.386	2275	2278	2281	rBB	357	433	0.15%	0.017%
26	17.168	2406	2411	2418	rBV	90017	119012	39.93%	4.604%
27	17.268	2423	2428	2438	rVB2	172465	231205	77.58%	8.945%
28	17.933	2538	2541	2544	rVB2	538	562	0.19%	0.022%
29	18.057	2558	2562	2567	rBV	9792	12637	4.24%	0.489%
30	18.539	2640	2644	2650	rBV	1658	2511	0.84%	0.097%
31	18.798	2684	2688	2692	rVB	6670	8295	2.78%	0.321%
32	18.892	2699	2704	2707	rBV2	1802	1967	0.66%	0.076%
33	18.927	2707	2710	2711	rVV	251	321	0.11%	0.012%
34	18.956	2714	2715	2718	rVV2	561	523	0.18%	0.020%

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35	19.092	2734	2738	2739	rVB2	375	431	0.14%	0.017%
36	19.115	2739	2742	2743	rBV	376	379	0.13%	0.015%
37	19.192	2752	2755	2759	rBV2	1002	1730	0.58%	0.067%
38	19.333	2775	2779	2787	rVV2	5081	6807	2.28%	0.263%
39	19.445	2793	2798	2802	rBV3	1232	2040	0.68%	0.079%
40	19.492	2802	2806	2808	rBV3	602	678	0.23%	0.026%
41	19.556	2812	2817	2824	rVV	211534	270004	90.60%	10.446%
42	19.786	2854	2856	2860	rVV	594	890	0.30%	0.034%
43	19.839	2863	2865	2868	rBV3	406	491	0.16%	0.019%
44	19.927	2878	2880	2881	rBV	845	635	0.21%	0.025%
45	19.974	2887	2888	2889	rBV	721	363	0.12%	0.014%
46	20.027	2895	2897	2900	rBV4	660	642	0.22%	0.025%
47	20.086	2905	2907	2909	rBV2	753	677	0.23%	0.026%
48	20.115	2910	2912	2913	rVB	791	389	0.13%	0.015%
49	20.227	2929	2931	2935	rBV2	881	1189	0.40%	0.046%
50	21.045	3066	3070	3077	rBV	22829	31298	10.50%	1.211%
51	21.333	3115	3119	3125	rBV	111230	137796	46.24%	5.331%
52	23.391	3463	3469	3476	rVB	173450	298033	100.00%	11.531%
53	23.533	3487	3493	3500	rVB2	81298	142658	47.87%	5.519%

Sum of corrected areas: 2584716

LSC Report - Integrated Chromatogram

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Misc :
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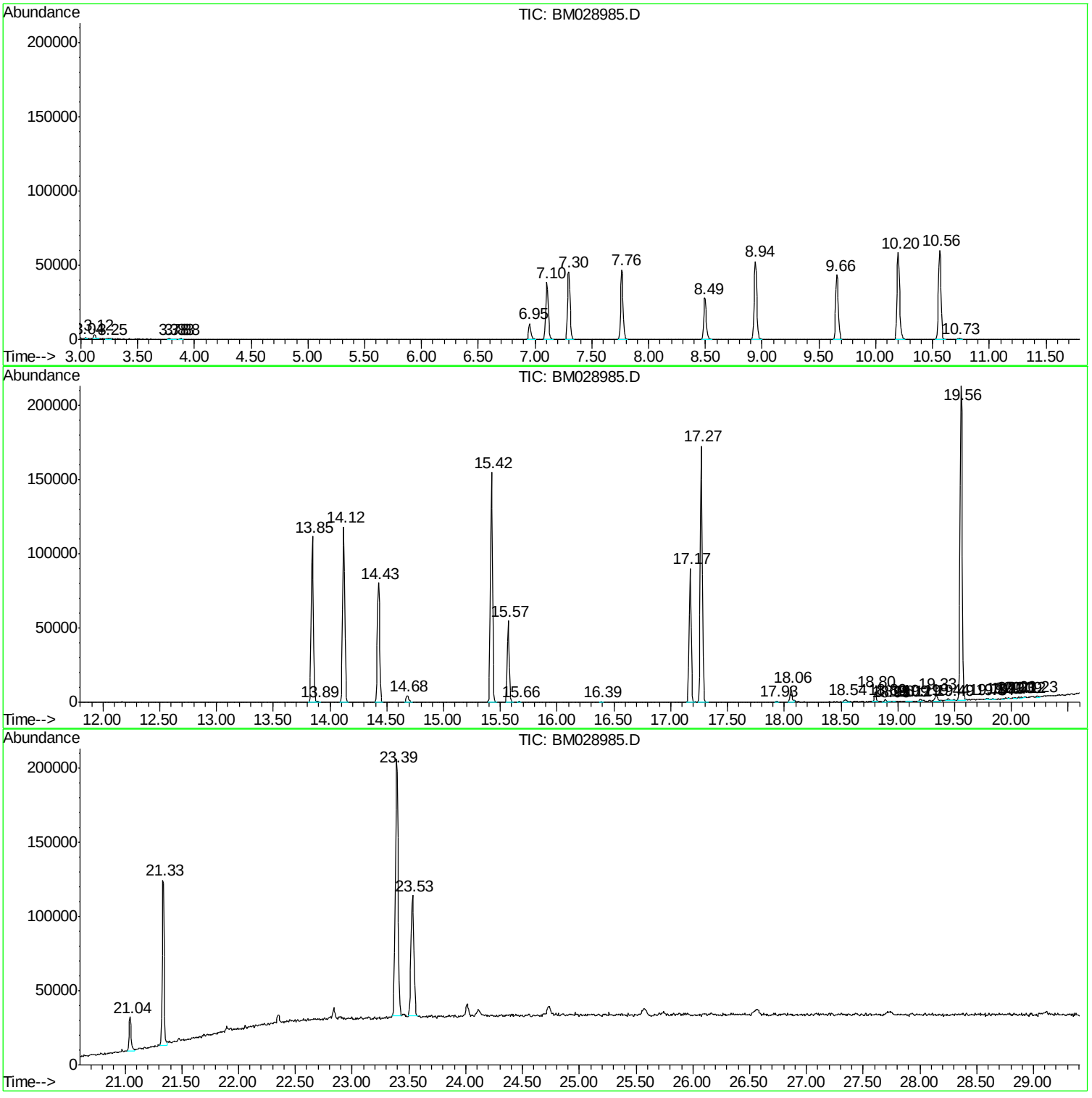
Instrument : BNA_M
ClientSampleId : C0AD6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_M
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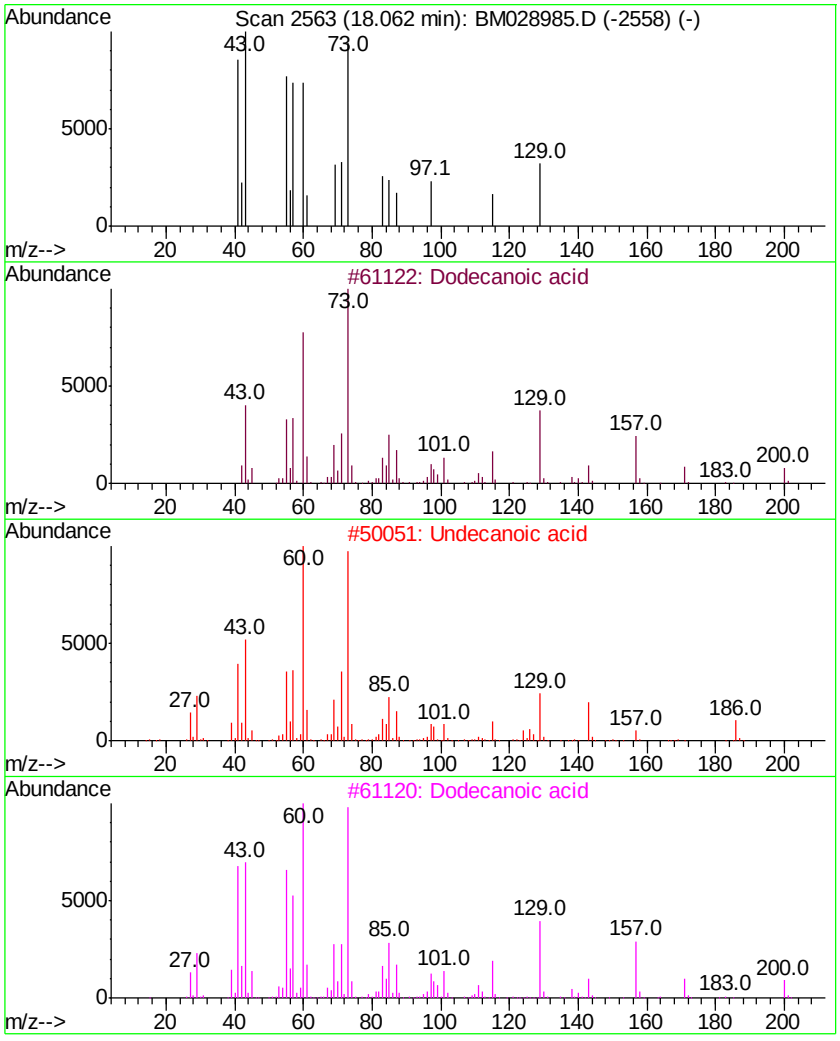
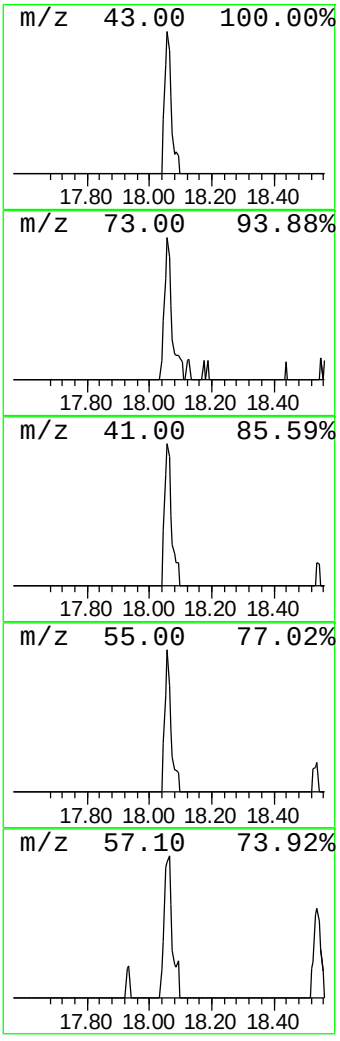
Peak Number 1 Dodecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.12 ng/ul	12637	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	64
2	Undecanoic acid	186	C11H22O2	000112-37-8	64
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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Quant Title : SVOA CALIBRATION

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

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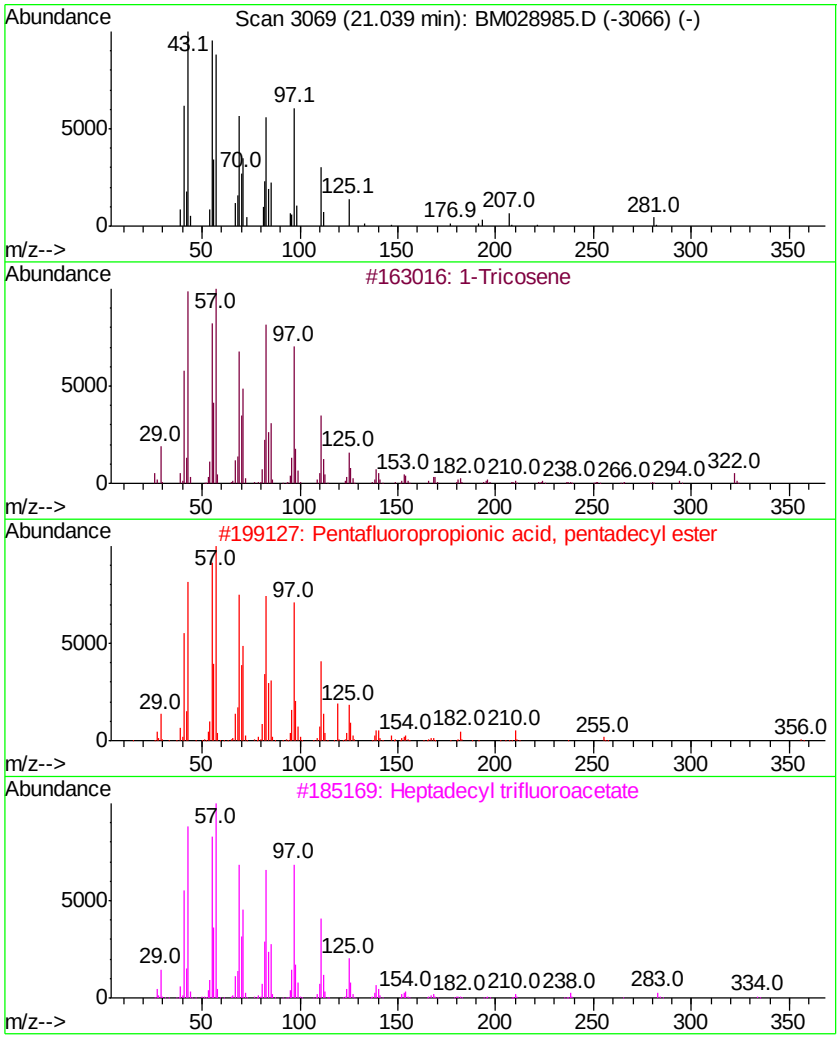
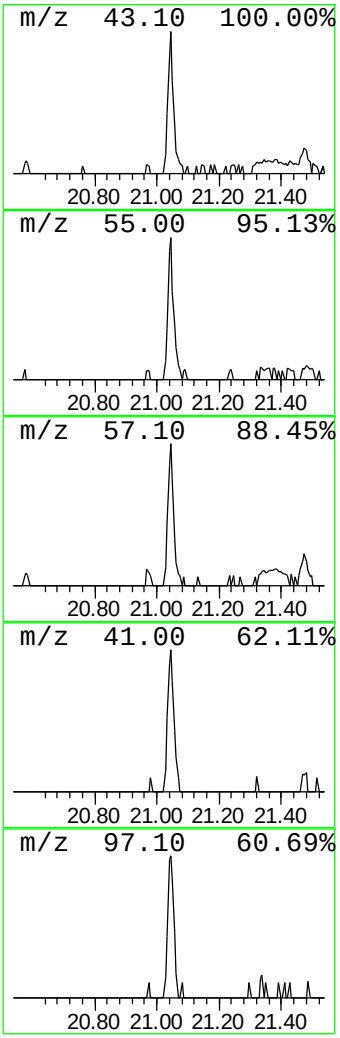
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	4.54 ng/ul	31298	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	91
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.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
Dodecanoic acid	18.06	2.1	ng/ul	12637	4	17.17	119012	20.0
(DEL) Alkane: Str...	21.04	4.5	ng/ul	31298	5	21.34	137796	20.0