LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030421\
Data File : BM028987.D
Acq On : 04 Mar 2021 13:28
Operator : CG/JU
Sample : M1558-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD7

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	3.122	20	23	28	rVB	3127	3606	1.25%	0.147%
2	3.275	46	49	51	rBV	258	292	0.10%	0.012%
3	3.734	123	127	128	rBV	209	308	0.11%	0.013%
4	3.881	149	152	154	rVB	309	303	0.11%	0.012%
5	6.951	670	674	682	rBB2	10491	15799	5.48%	0.645%
6	7.104	695	700	708	rBB	37400	55030	19.09%	2.247%
7	7.298	727	733	743	rBB	44322	69679	24.17%	2.845%
8	7.763	807	812	820	rBB	44302	64754	22.46%	2.644%
9	8.492	932	936	947	rBB	29729	45692	15.85%	1.866%
10	8.939	1006	1012	1022	rBB	49243	77205	26.78%	3.152%
11	9.504	1104	1108	1116	rBB	22846	32104	11.14%	1.311%
12	9.657	1129	1134	1142	rBB	43277	65818	22.83%	2.687%
13	10.198	1221	1226	1237	rBB	55767	87587	30.38%	3.576%
14	10.563	1282	1288	1296	rBB	55373	85608	29.69%	3.495%
15	10.733	1313	1317	1323	rBB	897	1635	0.57%	0.067%
16	11.116	1377	1382	1388	rBB	14847	20805	7.22%	0.849%
17	13.845	1840	1846	1851	rBV	102162	128634	44.62%	5.252%
18	14.121	1887	1893	1900	rBV	111048	154060	53.43%	6.290%
19	14.427	1939	1945	1951	rBB	72708	100204	34.75%	4.091%
20	14.674	1984	1987	1996	rBB	4370	7168	2.49%	0.293%
21	15.421	2109	2114	2120	rBB	144135	190591	66.10%	7.782%
22	15.568	2135	2139	2146	rBB	51973	65333	22.66%	2.668%
23	15.663	2152	2155	2157	rBB	639	611	0.21%	0.025%
24	17.168	2406	2411	2418	rBB	81086	105863	36.72%	4.322%
25	17.268	2423	2428	2438	rVB	175293	225816	78.32%	9.220%
26	17.568	2476	2479	2482	rBB	189	301	0.10%	0.012%
27	17.851	2524	2527	2529	rBV	205	300	0.10%	0.012%
28	18.056	2557	2562	2568	rBV	7982	9332	3.24%	0.381%
29	18.539	2640	2644	2649	rVV	1081	1623	0.56%	0.066%
30	18.604	2653	2655	2660	rBV2	277	347	0.12%	0.014%
31	18.798	2684	2688	2693	rBV	5885	7282	2.53%	0.297%
32	18.892	2700	2704	2708	rBV2	1316	1412	0.49%	0.058%
33	18.951	2713	2714	2717	rBV	462	377	0.13%	0.015%
34	19.045	2724	2730	2731	rBV	316	557	0.19%	0.023%

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Title : SVOA CALIBRATION

35	19.198	2753	2756	2759	rVV3	1083	1532	0.53%	0.063%
36	19.251	2763	2765	2768	rVB	339	292	0.10%	0.012%
37	19.333	2776	2779	2784	rBV	3870	4429	1.54%	0.181%
38	19.392	2786	2789	2792	rBV2	347	502	0.17%	0.020%
39	19.445	2796	2798	2802	rVB	821	1056	0.37%	0.043%
40	19.498	2805	2807	2811	rBV3	361	458	0.16%	0.019%
41	19.556	2812	2817	2825	rVB	202333	253514	87.93%	10.351%
42	19.615	2825	2827	2829	rBV2	375	340	0.12%	0.014%
43	19.680	2837	2838	2841	rBV2	535	469	0.16%	0.019%
44	19.727	2844	2846	2847	rBV	393	291	0.10%	0.012%
45	19.768	2851	2853	2854	rBV	418	376	0.13%	0.015%
46	19.792	2854	2857	2859	rVB2	778	920	0.32%	0.038%
47	19.839	2863	2865	2866	rBV	795	561	0.19%	0.023%
48	19.921	2877	2879	2883	rVB3	511	466	0.16%	0.019%
49	19.950	2883	2884	2887	rBV2	525	593	0.21%	0.024%
50	20.056	2900	2902	2905	rBV	627	587	0.20%	0.024%
51	20.086	2905	2907	2910	rBV3	496	578	0.20%	0.024%
52	20.109	2910	2911	2913	rBV2	734	502	0.17%	0.020%
53	20.133	2913	2915	2916	rBV2	858	525	0.18%	0.021%
54	20.568	2987	2989	2990	rBV2	886	584	0.20%	0.024%
55	21.045	3066	3070	3075	rBV	15080	19613	6.80%	0.801%
56	21.333	3115	3119	3124	rBV	100949	119394	41.41%	4.875%
57	23.391	3463	3469	3478	rVB	166676	288316	100.00%	11.772%
58	23.533	3487	3493	3499	rVB2	72032	127235	44.13%	5.195%

Sum of corrected areas: 2449169

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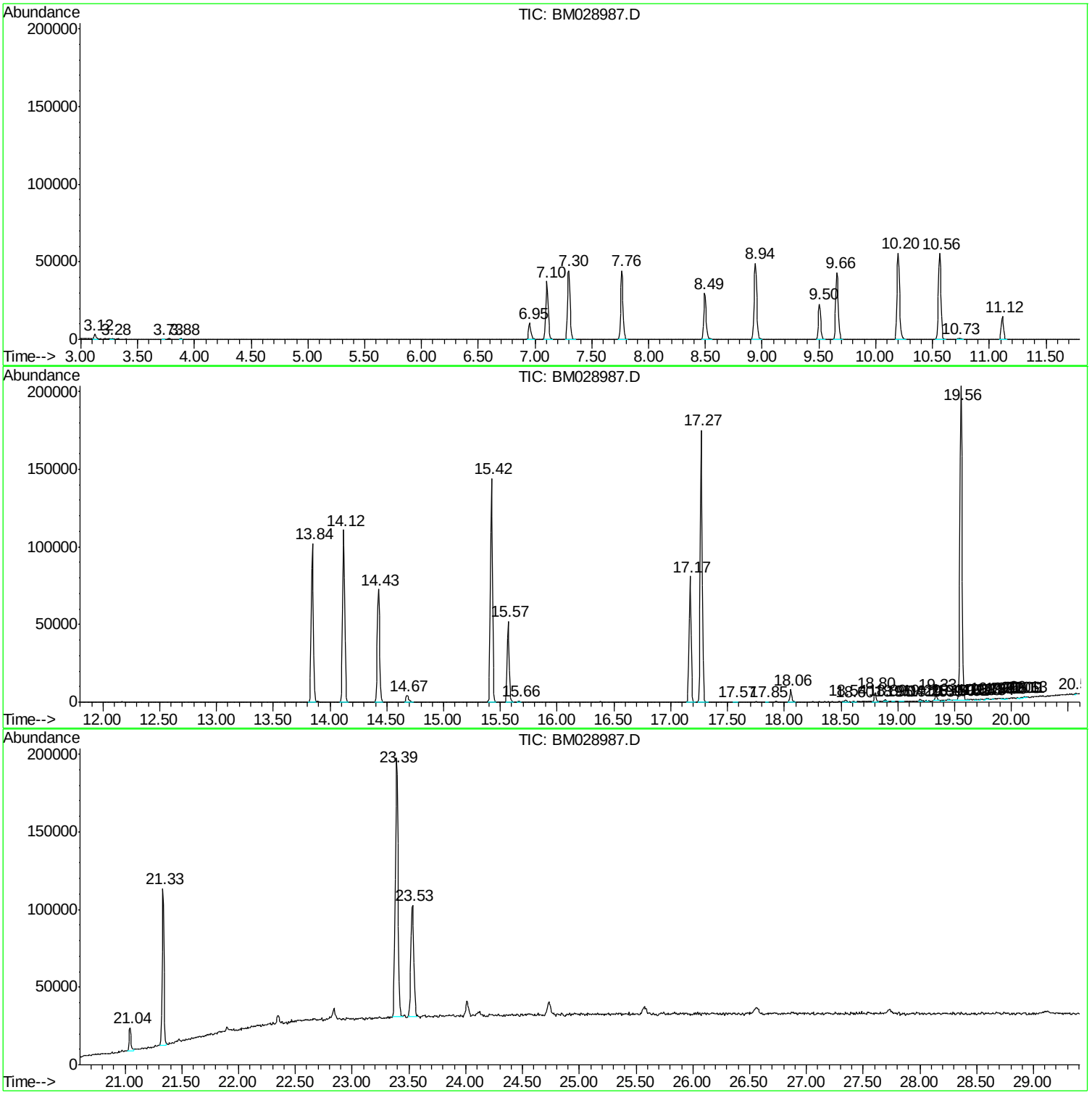
BNA_M
ClientSampleId :
C0AD7

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



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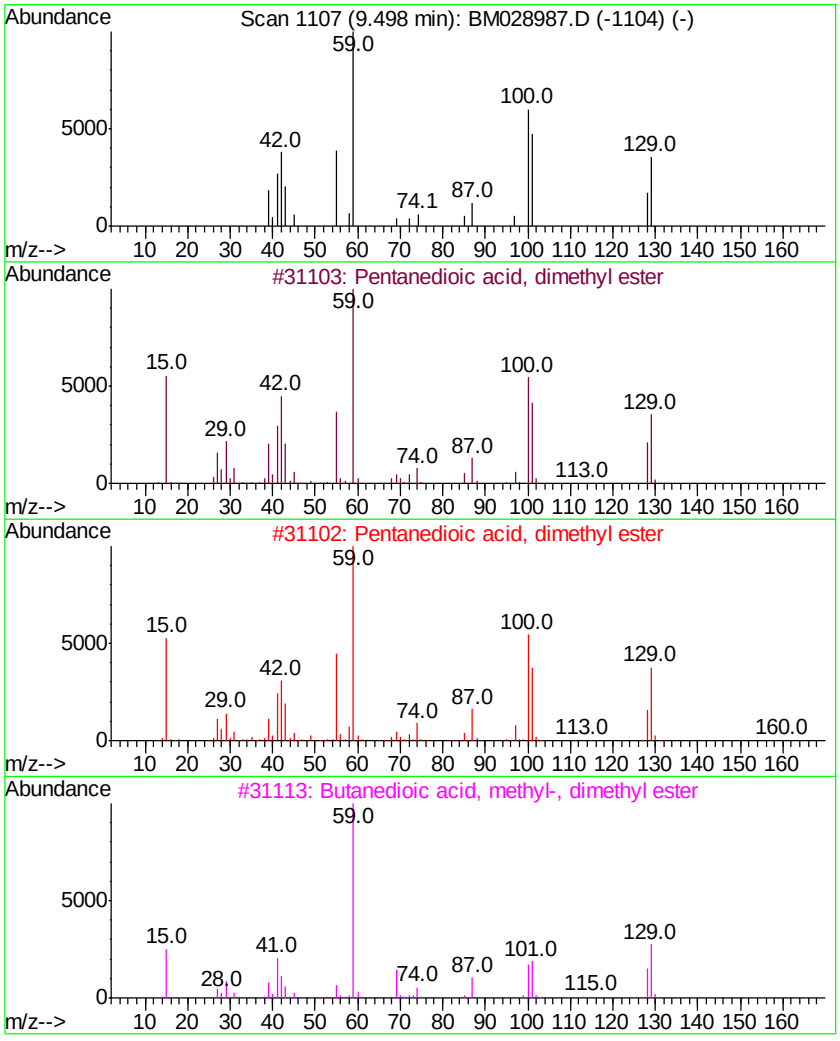
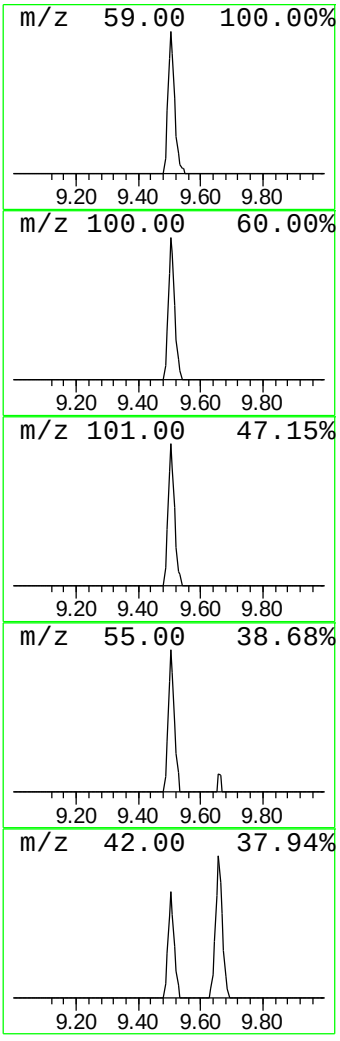
Peak Number 1 Pentanedioic acid, dimethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	7.50 ng/ul	32104	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	78
2	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	64
3	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	33
4	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	28
5	Piperidine, 1-hydroxy-	101	C5H11NO	004801-58-5	25





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Instrument : BNA_M
ClientSampleId : C0AD7

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

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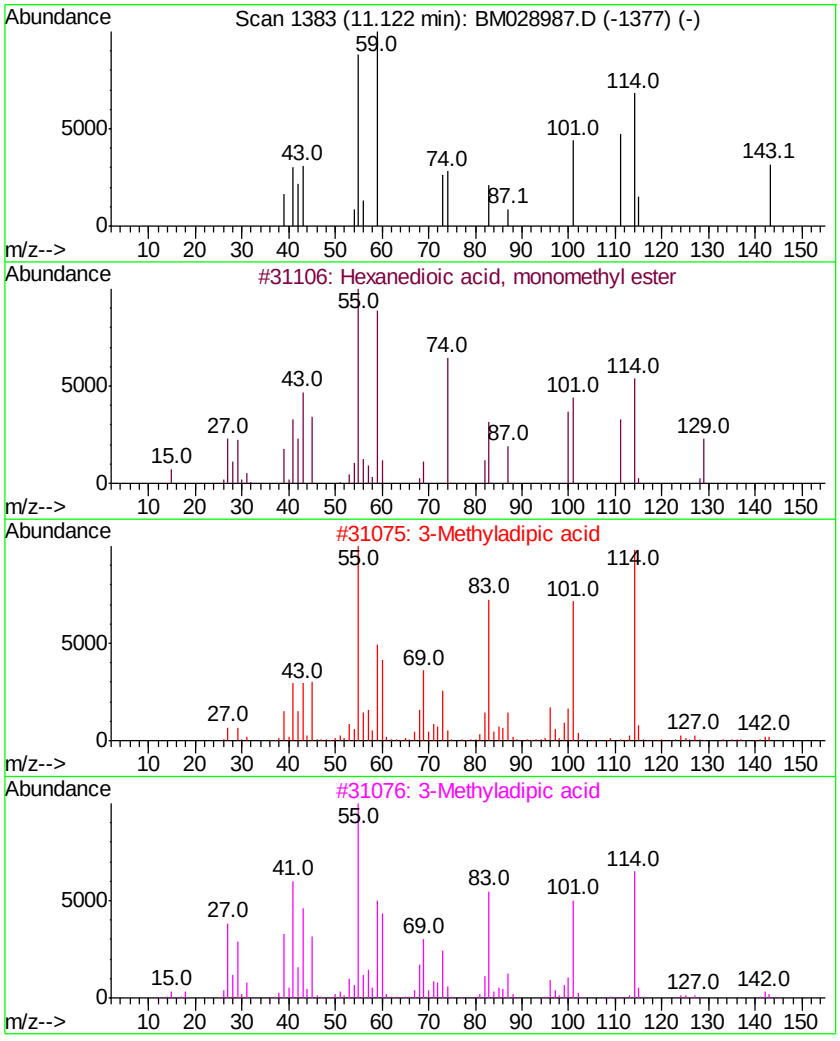
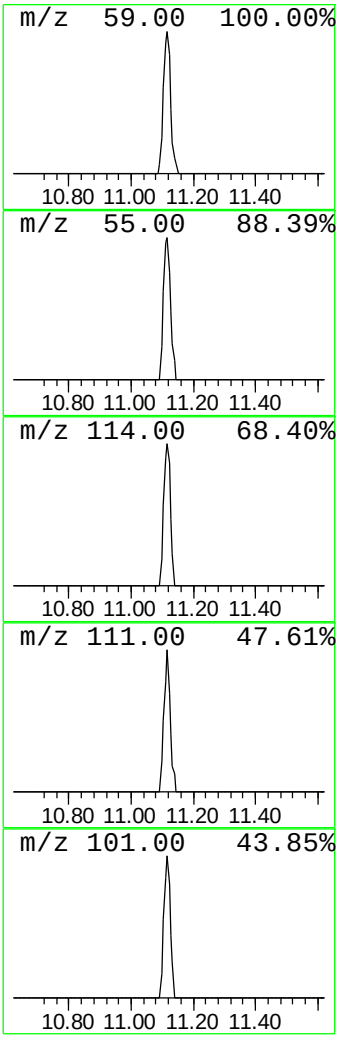
Peak Number 2 Hexanedioic acid, monomethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	4.86 ng/ul	20805	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, monomethyl ester	160	C7H12O4	000627-91-8	50
2	3-Methyladipic acid	160	C7H12O4	003058-01-3	37
3	3-Methyladipic acid	160	C7H12O4	003058-01-3	37
4	Methyl 3-methyl-3-(methoxy-chlor...	195	C7H14ClNO3	070569-70-9	35
5	(R)-(+)-3-Methyladipic acid	160	C7H12O4	000623-82-5	25





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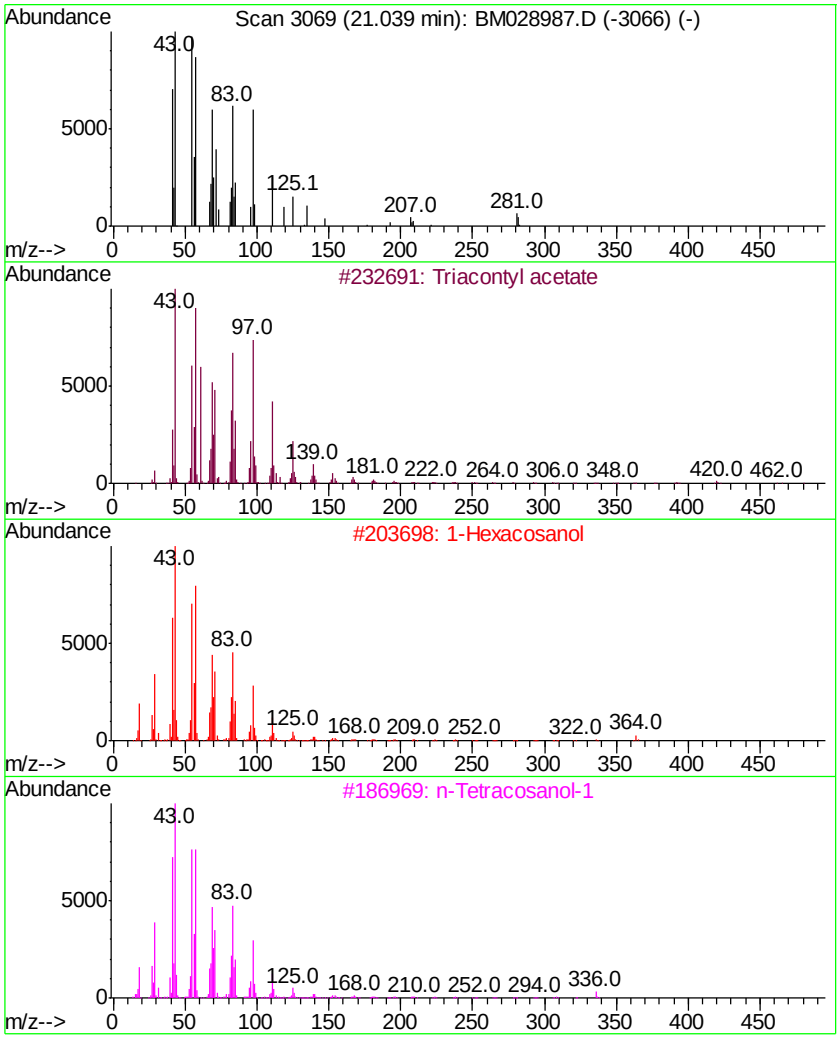
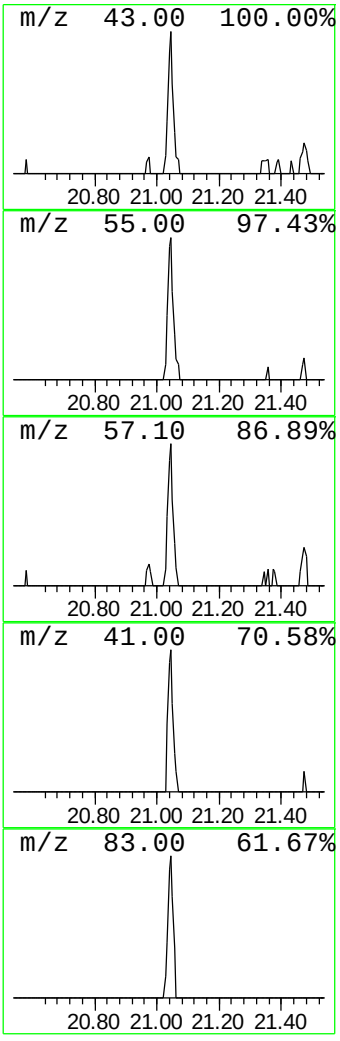
Peak Number 3 Triacontyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	3.29 ng/ul	19613	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontyl acetate	480	C32H64O2	041755-58-2	86
2	1-Hexacosanol	382	C26H54O	000506-52-5	76
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	76
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	72
5	1-Octadecanol	270	C18H38O	000112-92-5	72





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentanedioic acid...	9.50	7.5	ng/ul	32104	2	10.56	85608	20.0
Hexanedioic acid,...	11.12	4.9	ng/ul	20805	2	10.56	85608	20.0
Triacontyl acetate	21.04	3.3	ng/ul	19613	5	21.33	119394	20.0