LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056829.D
Acq On : 4 Mar 2023 9:00
Operator : CG/JU
Sample : 01711-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBAD2

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_G\Methods\SFAM-EPA-BG022323.M
Title : SVOA CALIBRATION

Signal : TIC: BG056829.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.137	99	102	121	rVB	48118	84534	18.01%	1.714%
2	7.539	675	681	689	rVB	64175	106068	22.60%	2.150%
3	7.721	706	712	718	rVB	42644	71238	15.18%	1.444%
4	7.938	743	749	756	rVB	56941	95608	20.37%	1.938%
5	8.262	802	804	806	rBV2	1076	676	0.14%	0.014%
6	8.414	824	830	836	rVV	51288	85098	18.13%	1.725%
7	8.479	839	841	844	rVB3	1164	771	0.16%	0.016%
8	8.702	878	879	882	rBV2	991	703	0.15%	0.014%
9	9.102	941	947	957	rVB2	76573	132626	28.25%	2.689%
10	9.589	1023	1030	1038	rBV2	61633	109259	23.28%	2.215%
11	10.247	1140	1142	1145	rBV2	675	866	0.18%	0.018%
12	10.318	1148	1154	1160	rVV	56373	95735	20.39%	1.941%
13	10.859	1239	1246	1253	rVB	83658	144790	30.84%	2.935%
14	11.252	1307	1313	1320	rVB	77312	134640	28.68%	2.730%
15	11.376	1327	1334	1342	rVB	80286	139068	29.63%	2.819%
16	11.746	1394	1397	1401	rBV2	489	741	0.16%	0.015%
17	12.051	1447	1449	1452	rBV2	747	792	0.17%	0.016%
18	12.803	1574	1577	1581	rBV2	1078	1262	0.27%	0.026%
19	13.397	1674	1678	1681	rBV	494	918	0.20%	0.019%
20	13.814	1747	1749	1752	rBV	1484	1322	0.28%	0.027%
21	14.401	1843	1849	1856	rVB	164844	237972	50.70%	4.824%
22	14.719	1895	1903	1910	rBV2	179256	283454	60.38%	5.746%
23	14.871	1927	1929	1932	rBV	750	707	0.15%	0.014%
24	15.018	1948	1954	1964	rBV2	152203	226221	48.19%	4.586%
25	15.177	1975	1981	1992	rBV	73688	117721	25.08%	2.387%
26	15.265	1992	1996	1999	rVB2	538	785	0.17%	0.016%
27	15.477	2029	2032	2035	rVB	645	770	0.16%	0.016%
28	15.559	2042	2046	2047	rBV	639	856	0.18%	0.017%
29	15.829	2089	2092	2096	rBV	459	765	0.16%	0.016%
30	15.876	2096	2100	2101	rVB2	580	688	0.15%	0.014%
31	16.000	2114	2121	2130	rVB	241380	361734	77.06%	7.333%
32	16.099	2130	2138	2144	rBV	71310	100617	21.43%	2.040%
33	16.240	2159	2162	2164	rBV2	872	918	0.20%	0.019%
34	16.352	2173	2181	2187	rBV2	17106	26266	5.60%	0.532%
35	16.487	2200	2204	2209	rVB2	452	976	0.21%	0.020%
36	16.916	2274	2277	2278	rBV	538	715	0.15%	0.014%

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Integrator: RTE
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Title : SVOA CALIBRATION

37	17.750	2413	2419	2426	rVB	197119	294671	62.77%	5.974%
38	17.850	2430	2436	2443	rVV	269985	389280	82.93%	7.892%
39	17.909	2444	2446	2450	rVB2	2698	2451	0.52%	0.050%
40	18.062	2466	2472	2473	rBV	442	672	0.14%	0.014%
41	18.162	2484	2489	2493	rBV	762	1480	0.32%	0.030%
42	18.256	2502	2505	2508	rBV	638	882	0.19%	0.018%
43	18.485	2539	2544	2546	rVB	848	1192	0.25%	0.024%
44	18.591	2553	2562	2570	rBV2	26460	37652	8.02%	0.763%
45	18.996	2628	2631	2632	rBV2	866	908	0.19%	0.018%
46	19.149	2655	2657	2660	rBV2	562	665	0.14%	0.013%
47	19.202	2660	2666	2670	rVV5	3500	5202	1.11%	0.105%
48	19.243	2671	2673	2677	rVB2	914	898	0.19%	0.018%
49	19.378	2694	2696	2698	rBV2	1067	831	0.18%	0.017%
50	19.466	2708	2711	2714	rBV2	872	1414	0.30%	0.029%
51	19.589	2730	2732	2736	rVB2	865	783	0.17%	0.016%
52	19.683	2743	2748	2751	rBV3	3791	5768	1.23%	0.117%
53	19.713	2751	2753	2755	rVV	1138	1171	0.25%	0.024%
54	19.748	2755	2759	2762	rVB	3547	4282	0.91%	0.087%
55	19.842	2772	2775	2779	rVB4	3000	3806	0.81%	0.077%
56	20.059	2810	2812	2815	rBV	759	925	0.20%	0.019%
57	20.112	2815	2821	2827	rVV	337245	469418	100.00%	9.517%
58	20.289	2849	2851	2852	rBV	1242	772	0.16%	0.016%
59	20.353	2861	2862	2864	rBV2	1044	939	0.20%	0.019%
60	20.700	2919	2921	2924	rBV2	1881	1563	0.33%	0.032%
61	20.753	2927	2930	2931	rVV2	1783	1459	0.31%	0.030%
62	20.947	2961	2963	2964	rBV2	1457	765	0.16%	0.016%
63	20.982	2967	2969	2970	rBV2	1886	1221	0.26%	0.025%
64	21.058	2980	2982	2985	rBV2	1422	1286	0.27%	0.026%
65	21.199	3004	3006	3010	rVB3	1891	1917	0.41%	0.039%
66	21.399	3038	3040	3041	rBV2	1930	1371	0.29%	0.028%
67	21.628	3075	3079	3087	rBV3	19981	34614	7.37%	0.702%
68	22.063	3146	3153	3159	rVB	181969	316880	67.50%	6.424%
69	22.222	3177	3180	3186	rVB5	3421	4756	1.01%	0.096%
70	22.304	3192	3194	3195	rBV	1863	1029	0.22%	0.021%
71	23.743	3438	3439	3442	rBV3	2063	1644	0.35%	0.033%
72	23.796	3446	3448	3450	rVB3	1967	1211	0.26%	0.025%
73	23.843	3454	3456	3457	rBV2	2922	2599	0.55%	0.053%
74	24.789	3615	3617	3619	rBV3	2390	2425	0.52%	0.049%
75	25.342	3700	3711	3722	rBV2	147439	431111	91.84%	8.740%
76	25.582	3742	3752	3765	rVB2	104686	317841	67.71%	6.444%

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Integrator: RTE
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Title : SVOA CALIBRATION

77	25.735	3777	3778	3780	rBV	2203	1108	0.24%	0.022%
78	26.452	3897	3900	3901	rBV3	2535	2656	0.57%	0.054%
79	28.132	4184	4186	4188	rBV3	1790	2048	0.44%	0.042%
80	28.315	4215	4217	4219	rBV2	2627	1387	0.30%	0.028%
81	28.426	4234	4236	4238	rBV3	1988	1796	0.38%	0.036%
82	29.249	4374	4376	4378	rBV2	2316	2128	0.45%	0.043%
83	30.101	4519	4521	4522	rBV2	2076	1861	0.40%	0.038%
84	31.793	4807	4809	4812	rBV4	1949	2046	0.44%	0.041%

Sum of corrected areas: 4932664

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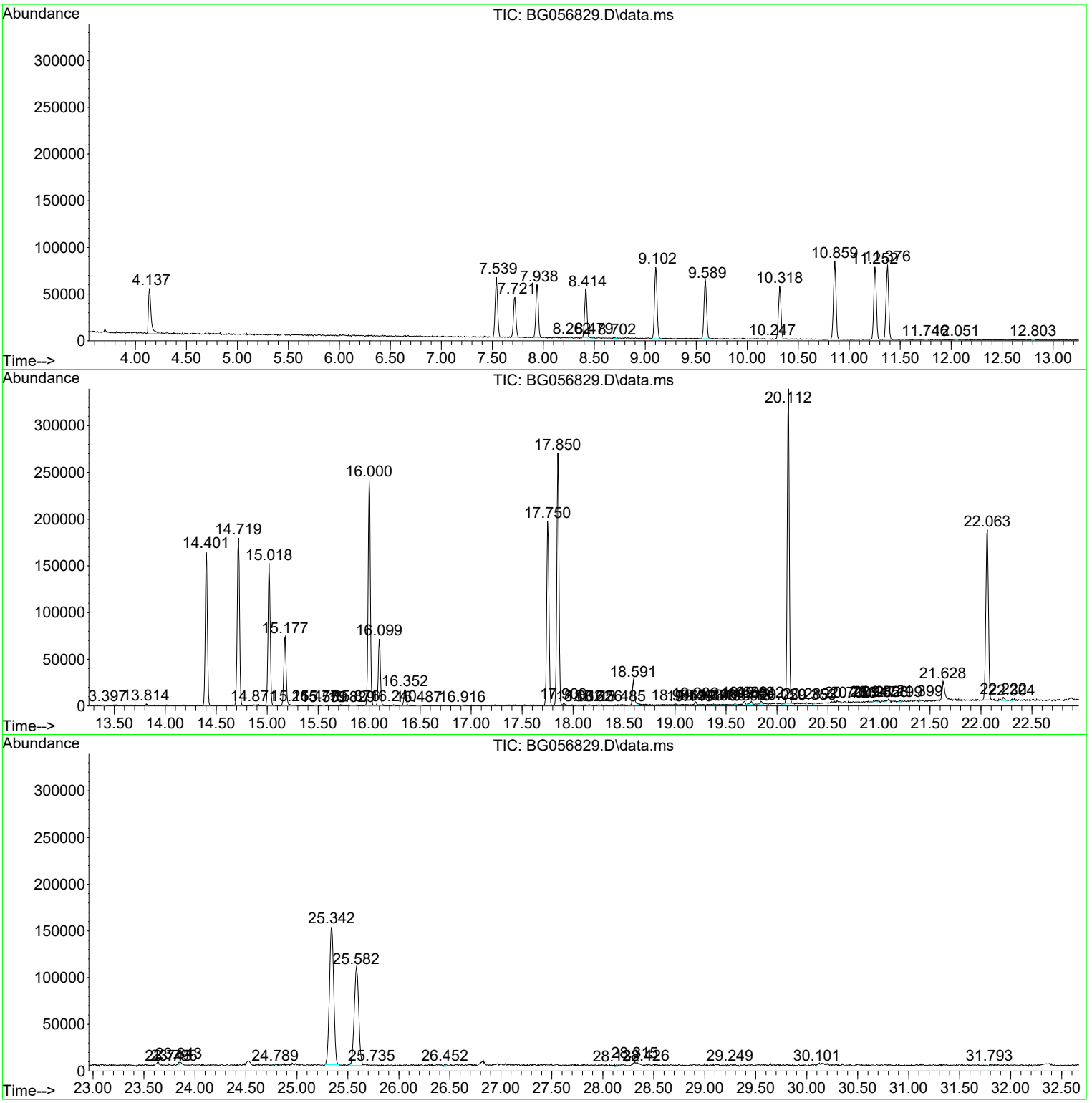
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

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



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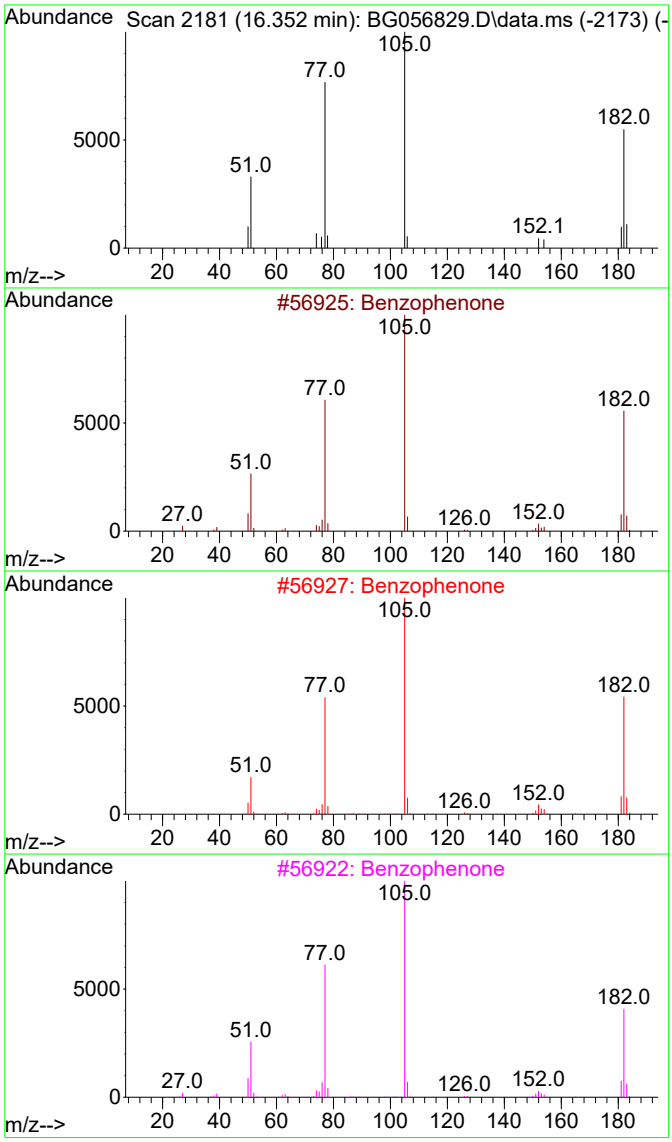
TIC Integration Parameters: LSCINT.P

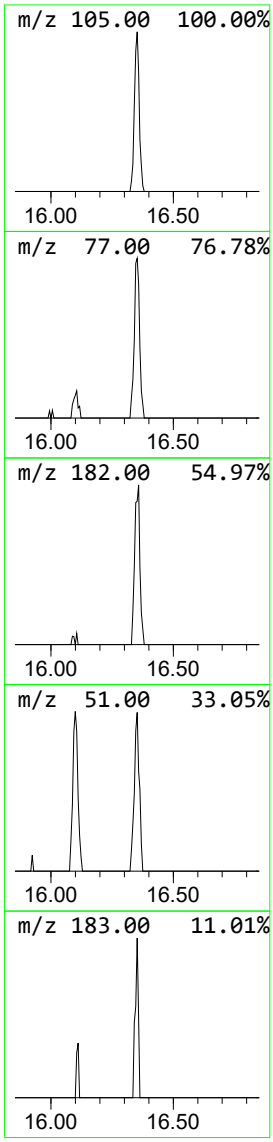
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.352	2.32 ng/ul	26266	Acenaphthene-d10	15.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	91
2	Benzophenone	182	C13H10O	000119-61-9	91
3	Benzophenone	182	C13H10O	000119-61-9	91
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	90





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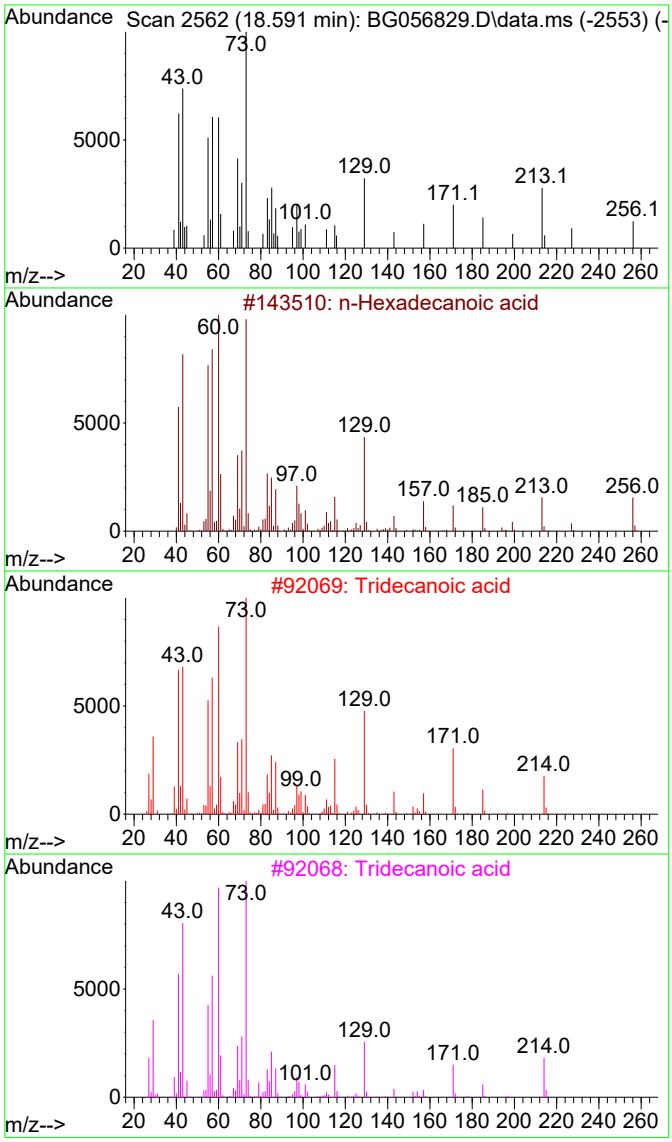
Quant Title : SVOA CALIBRATION

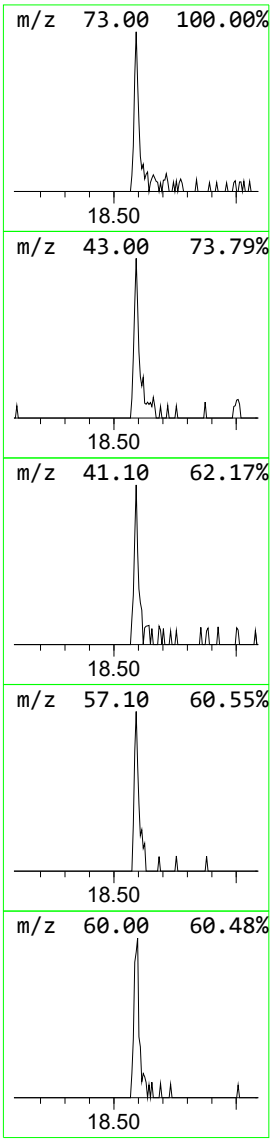
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.591	2.56 ng/ul	37652	Phenanthrene-d10	17.750

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	49
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47





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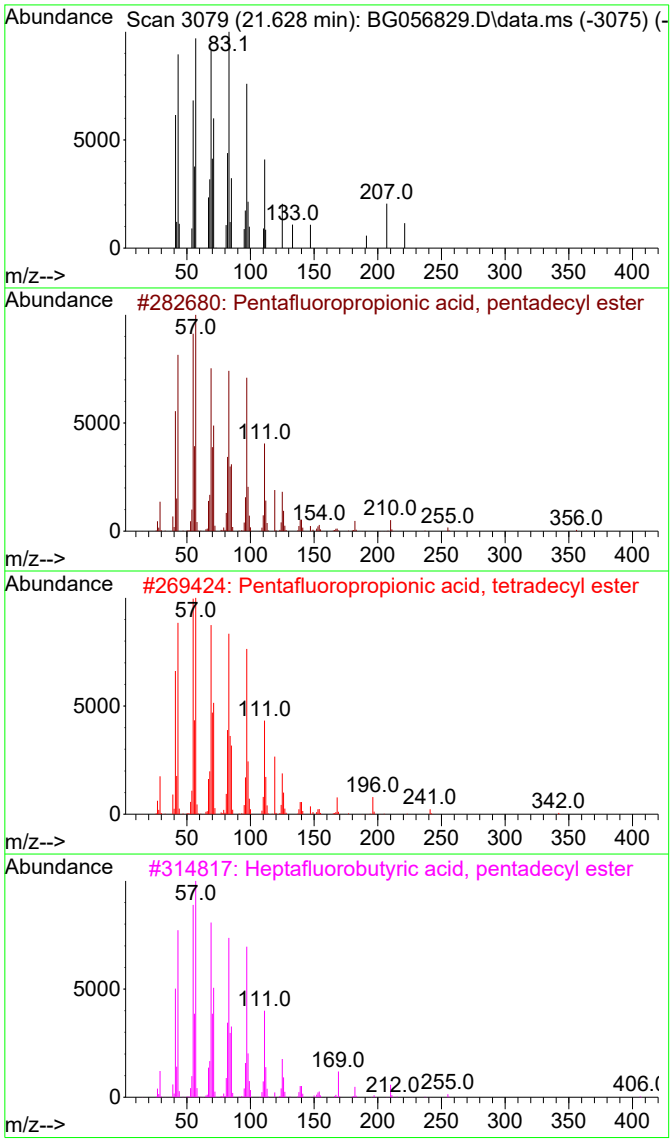
Quant Title : SVOA CALIBRATION

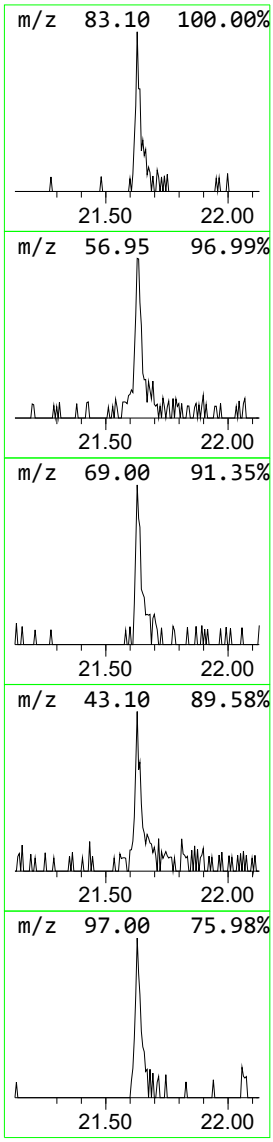
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentafluoropropionic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.628	2.18 ng/ul	34614	Chrysene-d12	22.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
2	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	16.352	2.3	ng/ul	26266	3	15.018	226221	20.0
n-Hexadecanoic ...	18.591	2.6	ng/ul	37652	4	17.750	294671	20.0
Pentafluoroprop...	21.628	2.2	ng/ul	34614	5	22.057	316880	20.0