LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059145.D
Acq On : 21 Sep 2023 18:42
Operator : MA/JU
Sample : 04386-02
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AF0

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-BG091923.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG059145.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.608	34	37	42	rVB5	6625	11195	1.82%	0.138%
2	3.878	81	83	89	rBV4	4759	6687	1.09%	0.082%
3	4.037	106	110	127	rBV	96366	178442	29.02%	2.196%
4	4.254	143	147	151	rBV3	4619	6533	1.06%	0.080%
5	5.529	362	364	368	rBV3	1208	1797	0.29%	0.022%
6	7.198	644	648	651	rBV3	1700	2450	0.40%	0.030%
7	7.409	677	684	695	rVB	117553	203444	33.09%	2.504%
8	7.615	711	719	727	rBV	94439	159611	25.96%	1.964%
9	7.809	746	752	757	rBV	102157	181935	29.59%	2.239%
10	8.297	827	835	843	rVB	112021	199158	32.39%	2.451%
11	8.978	944	951	961	rBV2	138542	233116	37.91%	2.869%
12	9.489	1031	1038	1046	rBV	110966	195714	31.83%	2.408%
13	10.212	1154	1161	1168	rBV2	88233	156805	25.50%	1.930%
14	10.735	1241	1250	1257	rVB	128363	232656	37.84%	2.863%
15	11.140	1311	1319	1330	rBV	179101	319180	51.91%	3.928%
16	11.281	1335	1343	1350	rBV	137586	245746	39.97%	3.024%
17	12.697	1579	1584	1589	rVB3	2396	3308	0.54%	0.041%
18	12.891	1613	1617	1620	rBB2	1256	1741	0.28%	0.021%
19	13.085	1646	1650	1653	rBB	1386	1795	0.29%	0.022%
20	13.191	1664	1668	1672	rVV	1783	2066	0.34%	0.025%
21	13.414	1704	1706	1710	rBV2	1544	1806	0.29%	0.022%
22	13.496	1718	1720	1726	rVB2	1328	1812	0.29%	0.022%
23	13.755	1758	1764	1771	rVB3	17386	26970	4.39%	0.332%
24	13.949	1794	1797	1800	rBV	1386	1936	0.31%	0.024%
25	14.084	1817	1820	1823	rVB2	2378	2195	0.36%	0.027%
26	14.319	1852	1860	1867	rBV	231582	342655	55.73%	4.217%
27	14.507	1890	1892	1895	rBV	2272	2264	0.37%	0.028%
28	14.624	1905	1912	1921	rVB2	280703	441330	71.78%	5.431%
29	14.836	1944	1948	1951	rBV2	1798	2370	0.39%	0.029%
30	14.924	1957	1963	1972	rVB2	271066	425028	69.13%	5.230%
31	15.094	1985	1992	2002	rBV	92314	148731	24.19%	1.830%
32	15.271	2019	2022	2025	rBV	1776	1795	0.29%	0.022%
33	15.641	2079	2085	2089	rBV4	2871	5113	0.83%	0.063%
34	15.911	2124	2131	2138	rVB	341284	521666	84.85%	6.420%
35	16.017	2143	2149	2156	rVB	90405	131310	21.36%	1.616%
36	16.781	2273	2279	2283	rVB2	2817	4337	0.71%	0.053%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Stop Thrs : 0 Peak Location: TOP

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Title : SVOA CALIBRATION

37	17.298	2362	2367	2373	rVB5	9721	14341	2.33%	0.176%
38	17.503	2399	2402	2407	rBV4	1203	1831	0.30%	0.023%
39	17.674	2423	2431	2438	rVV	328058	492876	80.16%	6.065%
40	17.774	2440	2448	2455	rVV	368699	562890	91.55%	6.927%
41	17.827	2455	2457	2462	rVV3	5333	7468	1.21%	0.092%
42	17.915	2469	2472	2479	rVV3	2460	3735	0.61%	0.046%
43	18.267	2527	2532	2535	rVB4	4200	5209	0.85%	0.064%
44	18.385	2546	2552	2555	rBV4	4066	7800	1.27%	0.096%
45	18.490	2565	2570	2575	rBV2	46675	63673	10.36%	0.784%
46	18.579	2583	2585	2590	rVB4	2021	2764	0.45%	0.034%
47	18.767	2614	2617	2619	rVV4	2221	2390	0.39%	0.029%
48	19.319	2708	2711	2714	rBV	1201	1917	0.31%	0.024%
49	19.395	2720	2724	2728	rBV3	3019	3865	0.63%	0.048%
50	19.425	2728	2729	2732	rVV	2365	2167	0.35%	0.027%
51	19.607	2756	2760	2763	rBV4	5186	6984	1.14%	0.086%
52	19.630	2763	2764	2768	rVV3	3342	3555	0.58%	0.044%
53	19.671	2768	2771	2776	rVB2	4156	6497	1.06%	0.080%
54	19.754	2780	2785	2790	rBV4	8843	12286	2.00%	0.151%
55	20.042	2829	2834	2841	rVB	428416	614839	100.00%	7.566%
56	20.500	2906	2912	2914	rVB6	4716	7334	1.19%	0.090%
57	20.753	2954	2955	2957	rBV2	3495	2516	0.41%	0.031%
58	20.941	2986	2987	2991	rVB4	2964	2120	0.34%	0.026%
59	21.540	3083	3089	3099	rBV3	33249	70155	11.41%	0.863%
60	21.892	3147	3149	3151	rBV4	2745	2946	0.48%	0.036%
61	21.992	3160	3166	3177	rVB2	274968	483786	78.68%	5.953%
62	22.362	3226	3229	3230	rBV3	2656	3156	0.51%	0.039%
63	22.686	3282	3284	3286	rBV2	2463	2117	0.34%	0.026%
64	22.762	3293	3297	3302	rBV7	5762	10579	1.72%	0.130%
65	22.997	3335	3337	3340	rVB3	2843	2212	0.36%	0.027%
66	23.203	3370	3372	3374	rBV2	2914	2868	0.47%	0.035%
67	23.414	3405	3408	3411	rBV4	2779	4013	0.65%	0.049%
68	23.514	3423	3425	3431	rVB5	7534	9475	1.54%	0.117%
69	23.637	3444	3446	3448	rVB3	3370	2374	0.39%	0.029%
70	23.726	3458	3461	3470	rVB7	9692	17359	2.82%	0.214%
71	24.301	3558	3559	3562	rBV2	2794	2015	0.33%	0.025%
72	24.395	3570	3575	3584	rVB6	13953	29879	4.86%	0.368%
73	24.742	3632	3634	3636	rVB3	2945	1723	0.28%	0.021%
74	24.912	3661	3663	3665	rBV3	3271	3230	0.53%	0.040%
75	25.136	3699	3701	3703	rBV3	3110	3167	0.52%	0.039%
76	25.288	3716	3727	3740	rBV2	202936	595991	96.93%	7.334%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Title : SVOA CALIBRATION

77	25.441	3748	3753	3758	rBV5	10607	21338	3.47%	0.263%
78	25.535	3760	3769	3782	rVB2	170875	535978	87.17%	6.596%
79	25.976	3842	3844	3846	rVB2	3002	1921	0.31%	0.024%
80	25.999	3846	3848	3851	rBV4	2585	3694	0.60%	0.045%
81	26.099	3864	3865	3867	rBV2	3137	2186	0.36%	0.027%
82	26.440	3921	3923	3926	rBV4	2201	2198	0.36%	0.027%
83	26.552	3940	3942	3944	rBV3	2420	1803	0.29%	0.022%
84	26.699	3960	3967	3975	rVB4	13821	38879	6.32%	0.478%
85	27.498	4100	4103	4107	rVB4	2275	2814	0.46%	0.035%
86	27.768	4145	4149	4150	rBV4	2959	3717	0.60%	0.046%
87	27.956	4178	4181	4183	rBV3	1999	2096	0.34%	0.026%
88	28.449	4263	4265	4267	rBV3	2072	1768	0.29%	0.022%
89	28.637	4293	4297	4298	rBV4	1846	1898	0.31%	0.023%
90	28.720	4309	4311	4314	rVB2	2344	2178	0.35%	0.027%
91	28.972	4352	4354	4356	rBV2	2129	2151	0.35%	0.026%
92	29.918	4512	4515	4516	rBV2	2564	2803	0.46%	0.034%
93	30.300	4578	4580	4582	rVB3	3031	2226	0.36%	0.027%
94	30.770	4659	4660	4662	rBV2	2664	2169	0.35%	0.027%
95	30.800	4663	4665	4668	rVV3	2775	2932	0.48%	0.036%
96	30.870	4676	4677	4679	rBV2	2243	1906	0.31%	0.023%
97	31.493	4782	4783	4785	rBV2	2701	2245	0.37%	0.028%
98	31.751	4825	4827	4830	rVB4	2574	2728	0.44%	0.034%
99	31.798	4834	4835	4838	rBV2	2400	1846	0.30%	0.023%
100	32.462	4946	4948	4950	rBV3	1896	1915	0.31%	0.024%

Sum of corrected areas: 8126188

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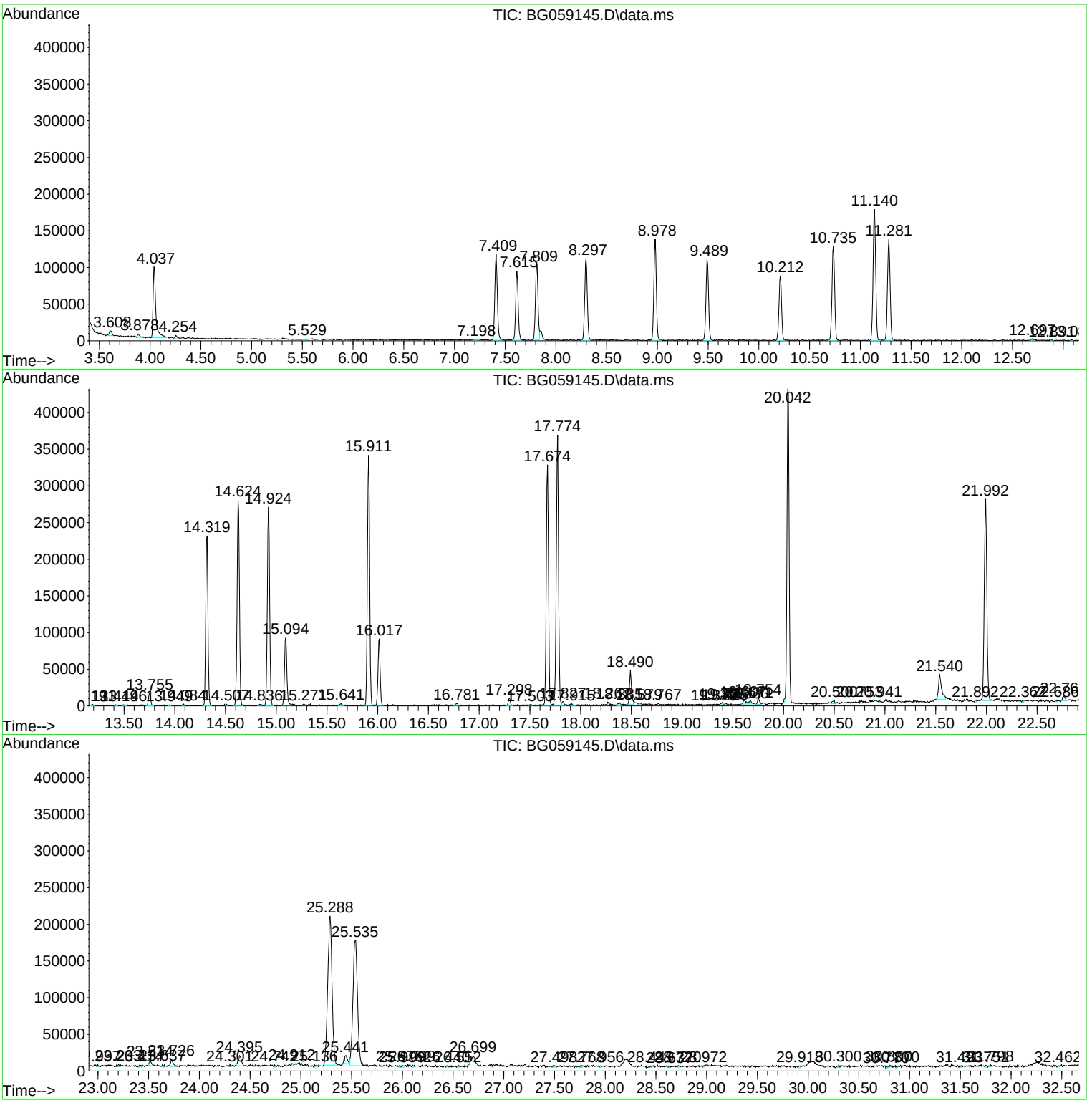
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

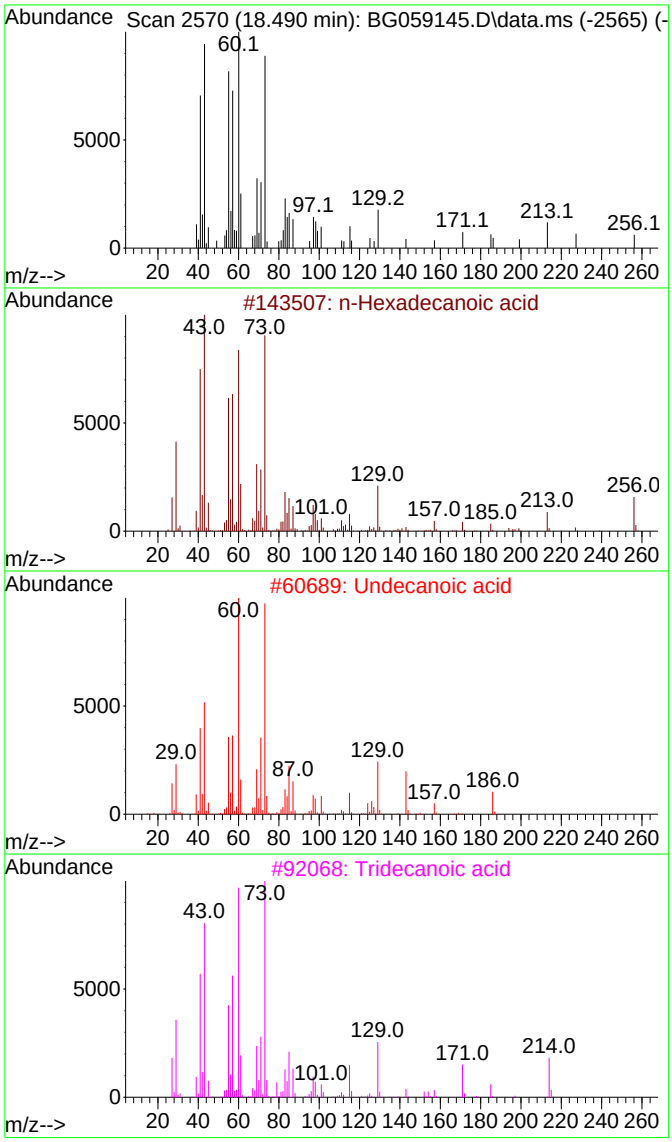
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

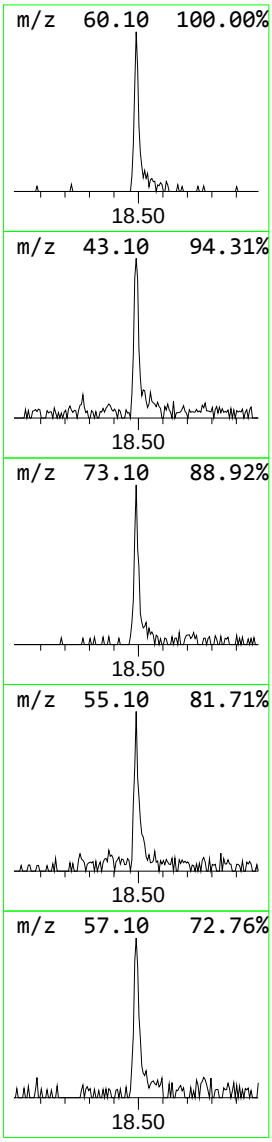
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.491	2.58 ng/ul	63673	Phenanthrene-d10	17.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Undecanoic acid	186	C11H22O2	000112-37-8	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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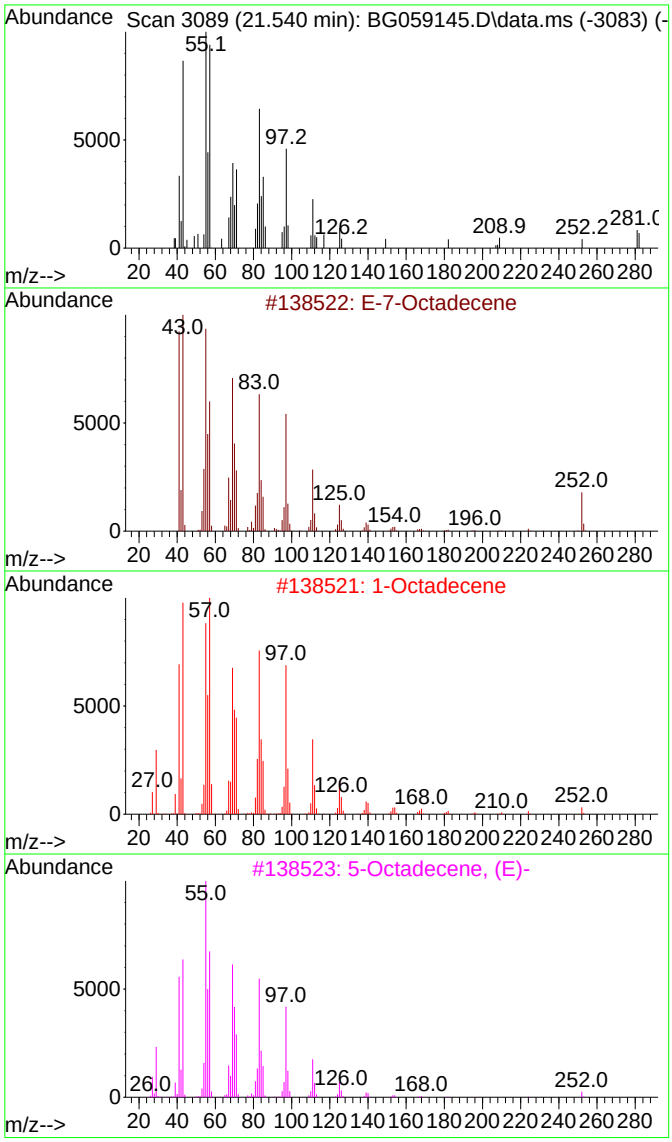
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

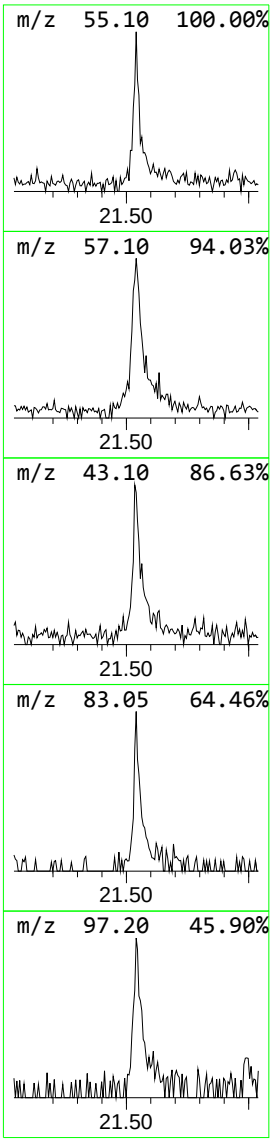
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.540	2.90 ng/ul	70155	Chrysene-d12	21.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-7-Octadecene	252	C18H36	1000130-92-0	93
2	1-Octadecene	252	C18H36	000112-88-9	93
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	90
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	90





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
n-Hexadecanoic ...	18.491	2.6	ng/ul	63673	4	17.674	492876	20.0
(DEL) Alkane: S...	21.540	2.9	ng/ul	70155	5	21.992	483786	20.0