LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051523\
Data File : BP015082.D
Acq On : 15 May 2023 19:42
Operator : CG/JU
Sample : 02592-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JREF5

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_P\Methods\SFAM-EPA-BP051123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015082.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.434	4	8	16	rVB	66780	98863	0.76%	0.078%
2	3.875	81	83	101	rBV	694571	1114894	8.60%	0.883%
3	4.222	138	142	147	rVB	18238	28493	0.22%	0.023%
4	7.287	652	663	679	rBV	1812299	2987469	23.04%	2.366%
5	7.458	685	692	705	rVB	1611858	2545369	19.63%	2.016%
6	7.663	719	727	736	rBV	1868353	3041920	23.46%	2.410%
7	8.134	800	807	815	rBV	1188561	1920816	14.81%	1.522%
8	8.846	919	928	940	rBV	2537187	4167143	32.14%	3.301%
9	9.310	1000	1007	1022	rBV	1888190	3185000	24.56%	2.523%
10	9.710	1069	1075	1079	rVB4	18430	25350	0.20%	0.020%
11	10.040	1123	1131	1142	rBV	1609651	2689230	20.74%	2.130%
12	10.581	1215	1223	1246	rBV	2475588	4175918	32.21%	3.308%
13	10.969	1281	1289	1297	rBV	1838888	3046929	23.50%	2.414%
14	11.104	1303	1312	1334	rBV	2565326	4487095	34.61%	3.554%
15	12.546	1551	1557	1564	rBV2	24006	45635	0.35%	0.036%
16	13.587	1725	1734	1743	rBV8	14073	29875	0.23%	0.024%
17	13.663	1743	1747	1754	rVB4	8826	15614	0.12%	0.012%
18	14.181	1827	1835	1849	rBV	5102682	6940709	53.53%	5.498%
19	14.293	1849	1854	1862	rVB9	13705	30287	0.23%	0.024%
20	14.475	1877	1885	1902	rBV	5896808	8544343	65.90%	6.768%
21	14.781	1929	1937	1946	rBV	2749413	4284999	33.05%	3.394%
22	14.869	1949	1952	1960	rVB8	8598	14963	0.12%	0.012%
23	14.969	1960	1969	1988	rBV	2224207	3460719	26.69%	2.741%
24	15.187	2000	2006	2011	rVB8	23261	45780	0.35%	0.036%
25	15.587	2071	2074	2080	rVB3	8286	13297	0.10%	0.011%
26	15.769	2098	2105	2118	rBV	7030523	10469367	80.75%	8.293%
27	15.887	2119	2125	2139	rVV	2417727	3294417	25.41%	2.610%
28	16.010	2141	2146	2154	rVB2	38561	60067	0.46%	0.048%
29	16.128	2161	2166	2174	rBV	1306324	1800162	13.88%	1.426%
30	16.345	2194	2203	2208	rBV8	6837	17858	0.14%	0.014%
31	16.469	2222	2224	2232	rVB9	7397	13350	0.10%	0.011%
32	16.698	2258	2263	2269	rVB	32304	48737	0.38%	0.039%
33	16.916	2296	2300	2306	rBV8	6471	15927	0.12%	0.013%
34	17.210	2346	2350	2353	rVB5	9710	15106	0.12%	0.012%
35	17.316	2363	2368	2375	rVB4	9194	19344	0.15%	0.015%
36	17.534	2398	2405	2415	rBV	3614109	5159436	39.79%	4.087%

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Instrument :
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Integration Parameters: LSCINT.P
Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Title : SVOA CALIBRATION

37	17.634	2415	2422	2433	rBV	7710888	11227418	86.59%	8.894%
38	18.175	2509	2514	2519	rBV9	7850	16900	0.13%	0.013%
39	18.386	2545	2550	2559	rBV	479579	719102	5.55%	0.570%
40	18.463	2560	2563	2566	rVB	31743	42495	0.33%	0.034%
41	18.792	2617	2619	2623	rVB4	17694	16972	0.13%	0.013%
42	19.428	2723	2727	2731	rBV	102944	133081	1.03%	0.105%
43	19.492	2733	2738	2744	rVV	78473	144727	1.12%	0.115%
44	19.610	2755	2758	2768	rBV3	104541	141179	1.09%	0.112%
45	19.851	2793	2799	2814	rBV	9607031	12965848	100.00%	10.271%
46	20.345	2881	2883	2887	rVB	73664	69405	0.54%	0.055%
47	20.827	2962	2965	2968	rBV	127221	135096	1.04%	0.107%
48	21.286	3038	3043	3052	rBV	958783	1467823	11.32%	1.163%
49	21.610	3093	3098	3107	rBV	3762444	4982923	38.43%	3.947%
50	21.739	3117	3120	3125	rVB2	126353	151172	1.17%	0.120%
51	24.016	3499	3507	3520	rBV2	5303448	11473430	88.49%	9.089%
52	24.180	3529	3535	3546	rVB	2180642	4698157	36.23%	3.722%

Sum of corrected areas: 126240209

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Instrument :
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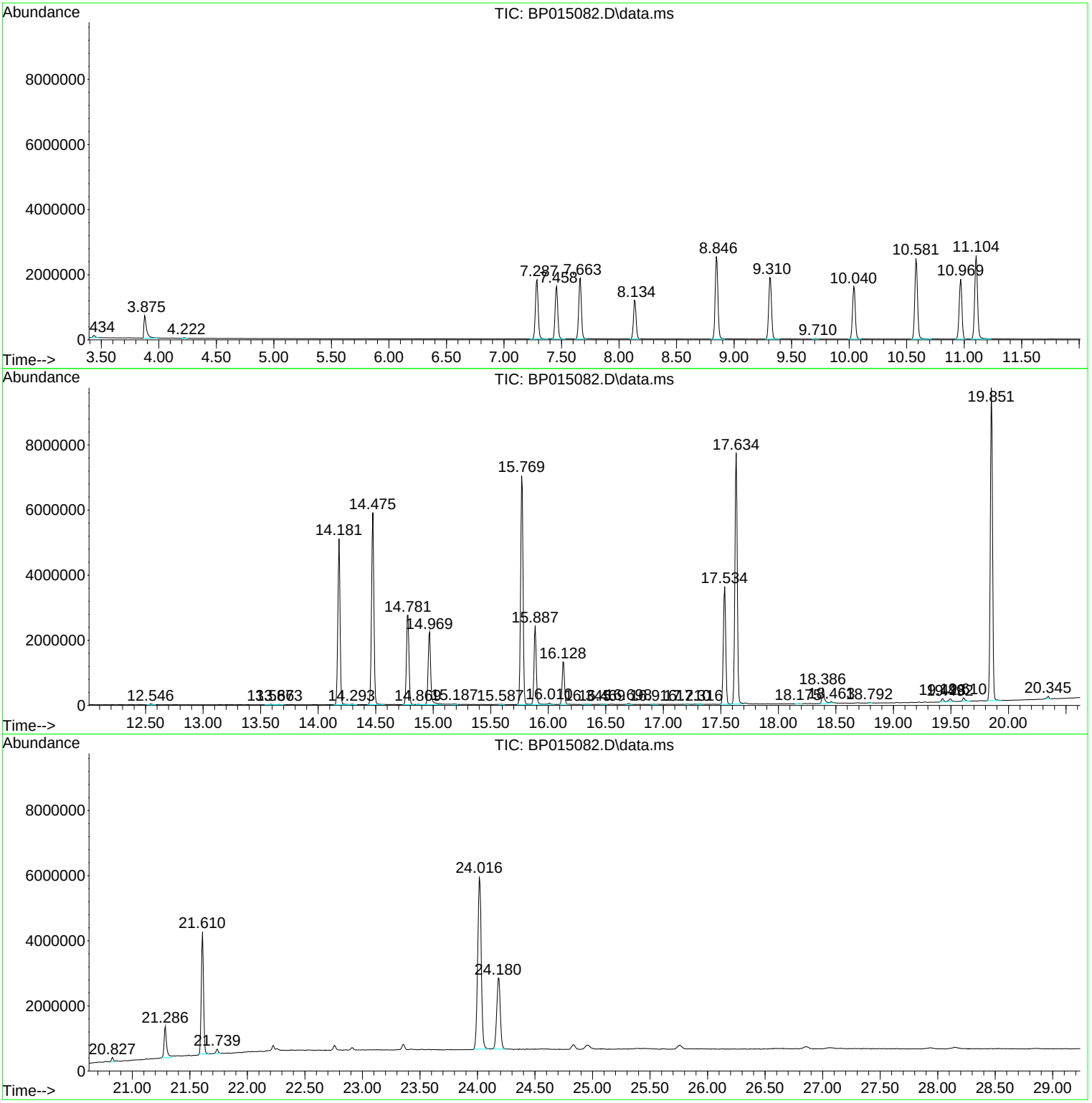
ClientSampleId :
JREF5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051523\
Data File : BP015082.D
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ALS Vial : 17 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

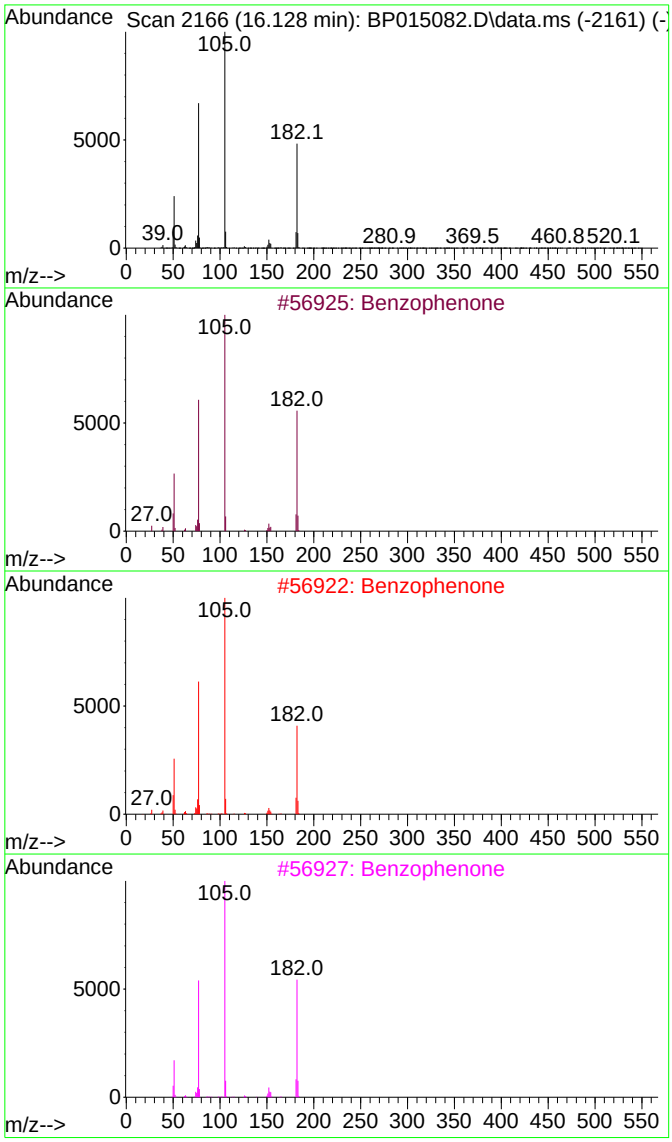
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

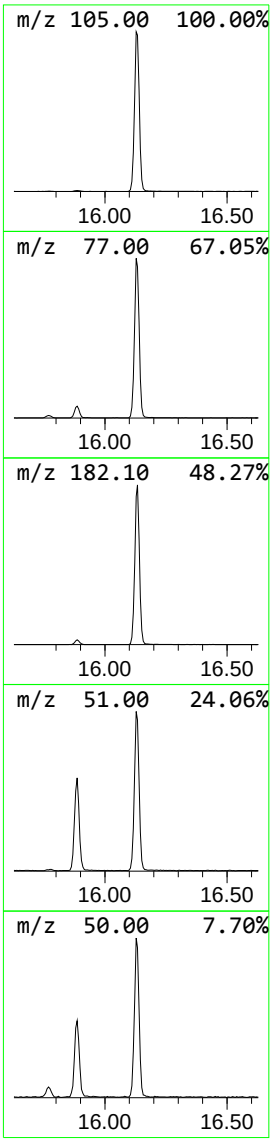
****

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.128	8.40 ng/ul	1800160	Acenaphthene-d10	14.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





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Misc :
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Instrument :
BNA_P
ClientSampleId :
JREF5

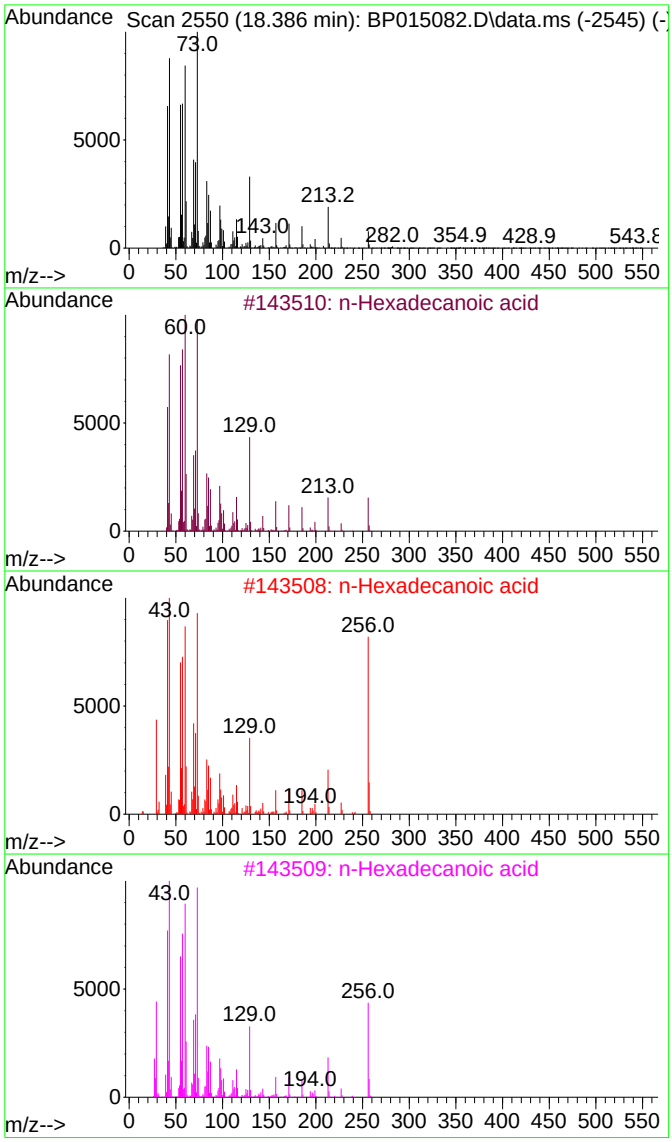
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

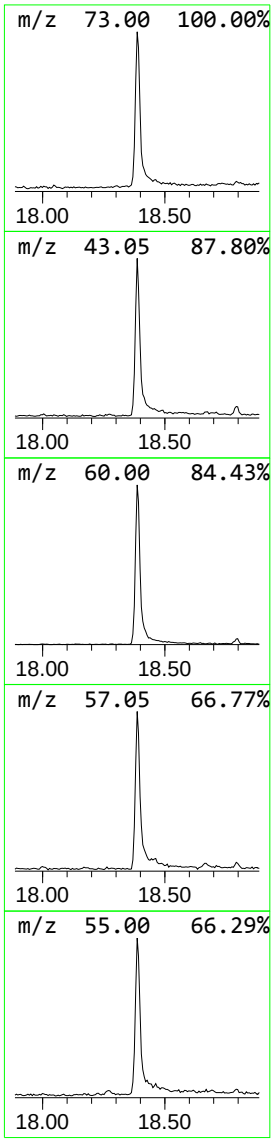
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.386	2.79 ng/ul	719102	Phenanthrene-d10	17.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREF5

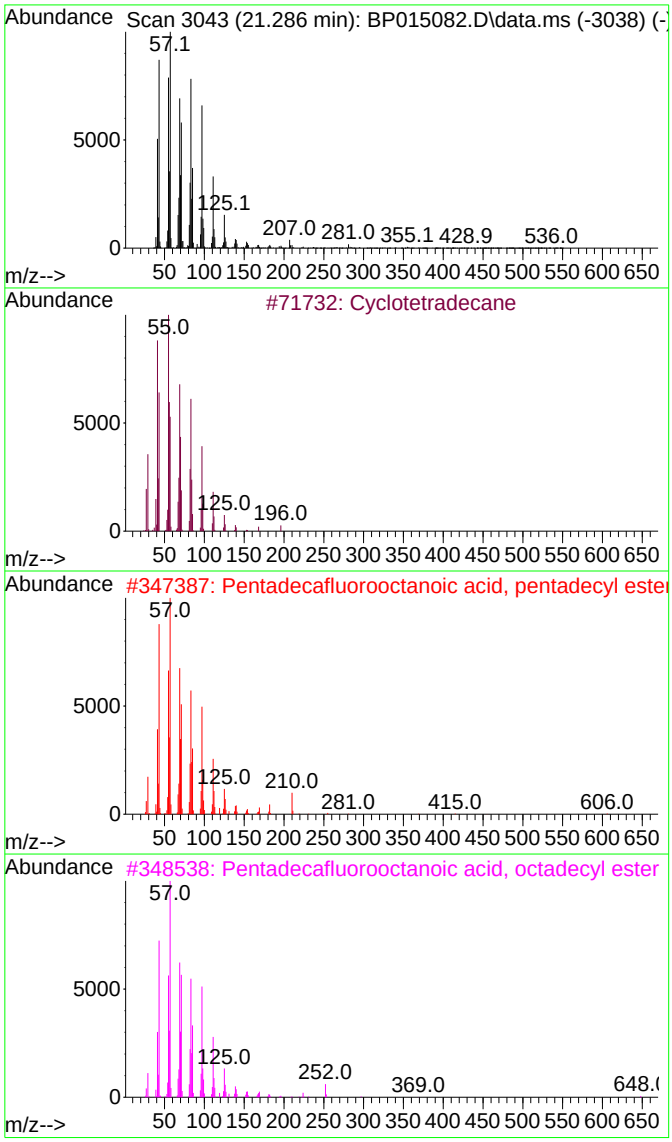
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

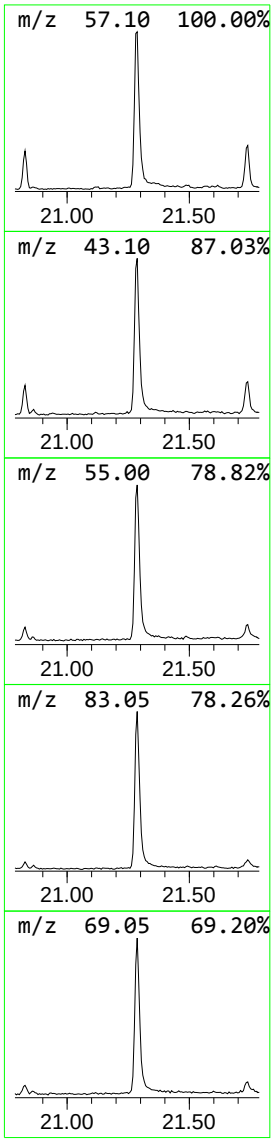
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic21.286 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.286	5.89 ng/ul	1467820	Chrysene-d12	21.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	Pentadecafluorooctanoic acid, pe...	624	C23H31F15O2	1000406-04-5	94
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
4	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
5	Pentacos-1-ene	350	C25H50	016980-85-1	91





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
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	16.128	8.4	ng/ul	1800160	3	14.781	4285000	20.0
n-Hexadecanoic ...	18.386	2.8	ng/ul	719102	4	17.534	5159440	20.0
(DEL) Alkane: C...	21.286	5.9	ng/ul	1467820	5	21.610	4982920	20.0