LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018837.D
Acq On : 14 Dec 2023 11:02
Operator : MA/JU
Sample : 05646-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AS4

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-BP120123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018837.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.258	26	29	34	rVB	42953	52343	0.16%	0.043%
2	3.681	97	101	114	rBV	356944	553868	1.72%	0.456%
3	5.140	342	349	359	rBV	1716706	2505665	7.78%	2.065%
4	7.004	659	666	676	rVB	555525	883433	2.74%	0.728%
5	7.169	688	694	704	rVB	554979	835575	2.59%	0.688%
6	7.363	720	727	738	rBV	654455	1004434	3.12%	0.828%
7	7.722	781	788	795	rBV	499909	786808	2.44%	0.648%
8	7.875	800	814	827	rVB	13291792	23746736	73.72%	19.566%
9	8.181	857	866	875	rBV	3101219	5066672	15.73%	4.175%
10	8.545	920	928	934	rBV	705328	1138191	3.53%	0.938%
11	8.598	934	937	944	rVB	36816	61125	0.19%	0.050%
12	8.993	997	1004	1012	rBV	571601	906229	2.81%	0.747%
13	9.551	1091	1099	1103	rBV	90835	153034	0.48%	0.126%
14	9.598	1103	1107	1119	rVB	87627	199396	0.62%	0.164%
15	9.710	1119	1126	1132	rBV	421845	698277	2.17%	0.575%
16	9.769	1132	1136	1142	rVB4	37243	61574	0.19%	0.051%
17	10.004	1170	1176	1182	rVB2	28765	51022	0.16%	0.042%
18	10.251	1211	1218	1226	rBV	728503	1204365	3.74%	0.992%
19	10.316	1226	1229	1235	rVB2	23006	37442	0.12%	0.031%
20	10.504	1251	1261	1275	rBV	17288354	32210723	100.00%	26.540%
21	10.628	1275	1282	1291	rVB	968392	1608126	4.99%	1.325%
22	10.769	1298	1306	1317	rBV	674428	1145829	3.56%	0.944%
23	11.010	1338	1347	1356	rBV	5178040	8835461	27.43%	7.280%
24	12.192	1541	1548	1557	rVB4	30458	69895	0.22%	0.058%
25	12.369	1570	1578	1584	rBV3	31428	54353	0.17%	0.045%
26	12.622	1615	1621	1622	rBV	119910	162112	0.50%	0.134%
27	12.651	1622	1626	1634	rVV	474837	748869	2.32%	0.617%
28	13.263	1721	1730	1742	rBV	1825500	2809269	8.72%	2.315%
29	13.369	1742	1748	1753	rBV4	17962	32426	0.10%	0.027%
30	13.881	1828	1835	1844	rBV	1145552	1635767	5.08%	1.348%
31	14.157	1871	1882	1889	rBV	1486521	2222066	6.90%	1.831%
32	14.463	1925	1934	1946	rBV	1345754	2012895	6.25%	1.659%
33	14.669	1963	1969	1982	rBV	267274	485364	1.51%	0.400%
34	14.775	1982	1987	1993	rVB	226044	327980	1.02%	0.270%
35	15.457	2096	2103	2115	rBV	1987616	2908621	9.03%	2.397%
36	15.575	2117	2123	2134	rVV	316790	460346	1.43%	0.379%

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Instrument :
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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-BP120123.MA.M
Title : SVOA CALIBRATION

37	17.210	2394	2401	2411	rBV	1726775	2486010	7.72%	2.048%
38	17.310	2411	2418	2428	rVV	2278986	3194718	9.92%	2.632%
39	18.098	2548	2552	2560	rBV	218745	312104	0.97%	0.257%
40	19.121	2723	2726	2731	rBV3	38209	45665	0.14%	0.038%
41	19.192	2734	2738	2741	rBV2	37652	53697	0.17%	0.044%
42	19.333	2759	2762	2766	rBV2	69785	89407	0.28%	0.074%
43	19.545	2792	2798	2804	rBV	3337394	4297104	13.34%	3.541%
44	19.880	2850	2855	2860	rBV	223471	278324	0.86%	0.229%
45	20.357	2933	2936	2940	rBV	66592	87683	0.27%	0.072%
46	21.015	3044	3048	3058	rBV2	217746	409492	1.27%	0.337%
47	21.298	3091	3096	3101	rBV	2893022	3435563	10.67%	2.831%
48	23.504	3464	3471	3485	rVB2	2730947	5179418	16.08%	4.268%
49	23.656	3490	3497	3506	rVB	1900160	3820347	11.86%	3.148%

Sum of corrected areas: 121365823

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Instrument :
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ClientSampleId :
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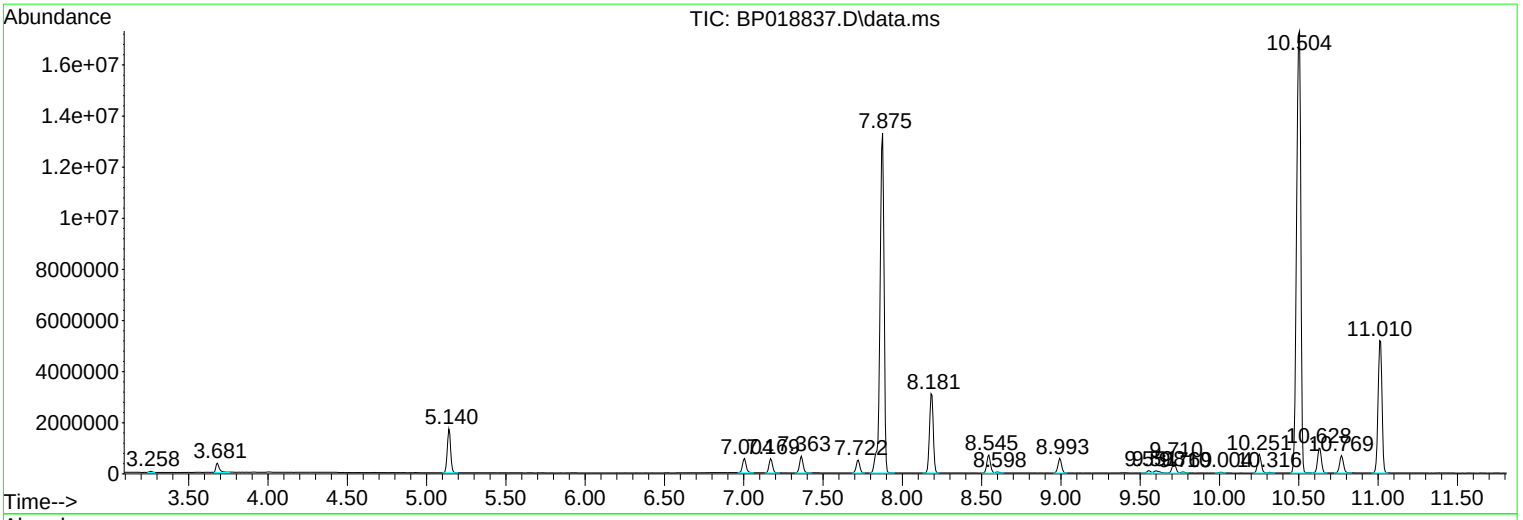
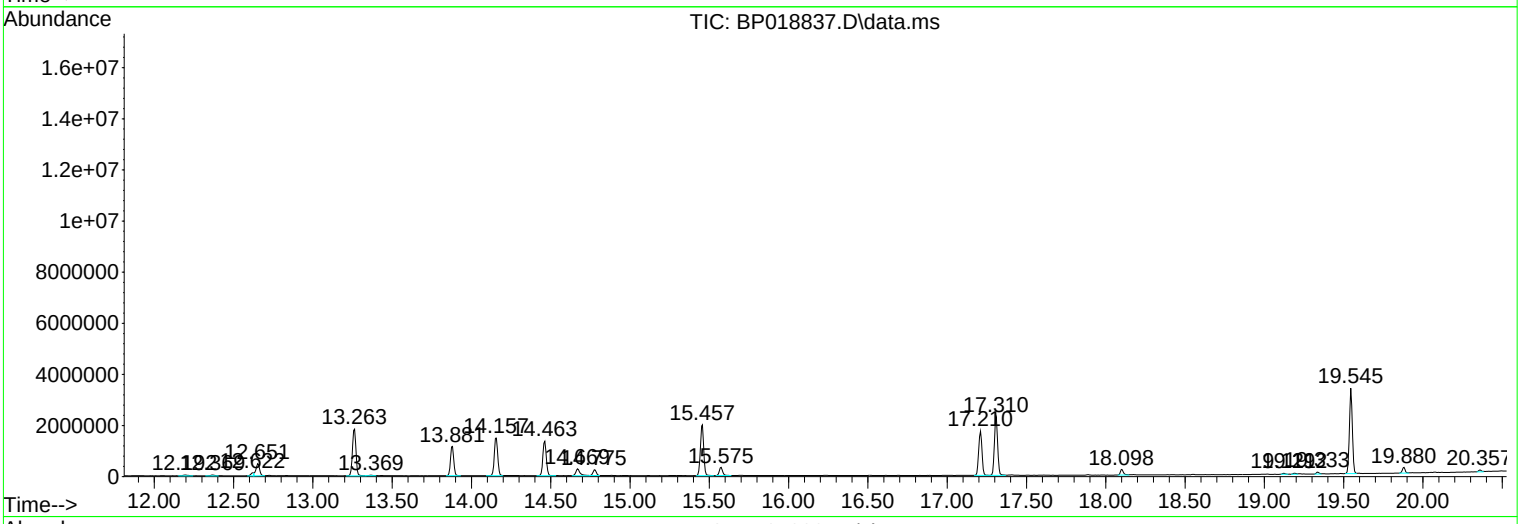
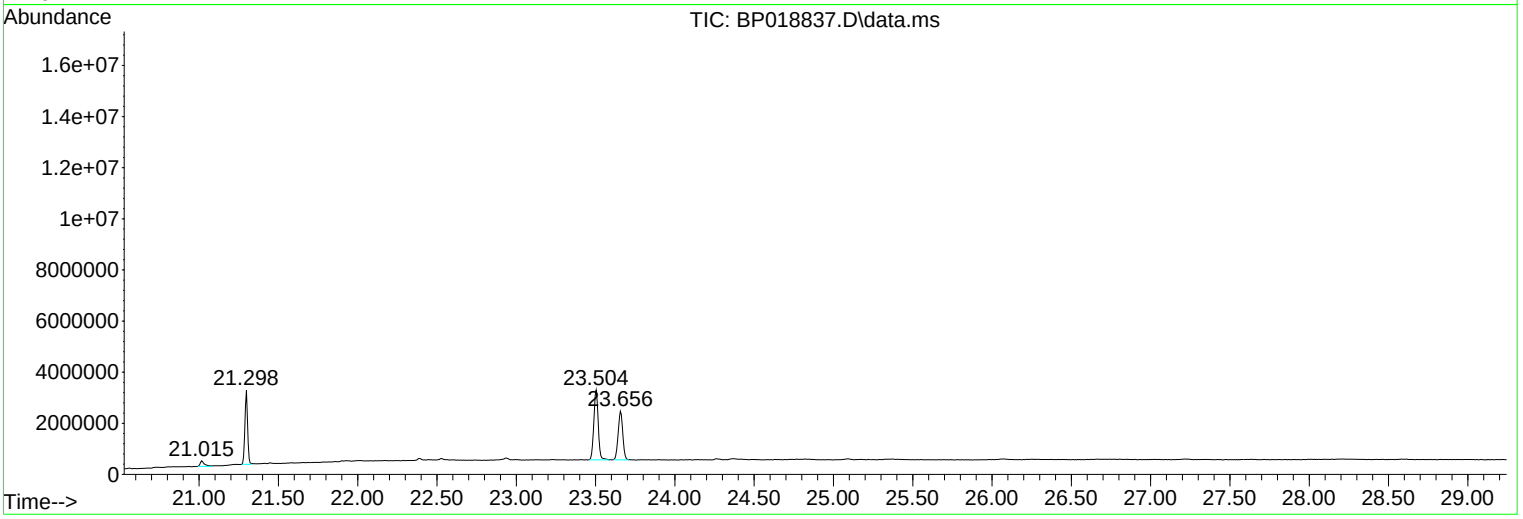
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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







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ClientSampleId :
C0AS4

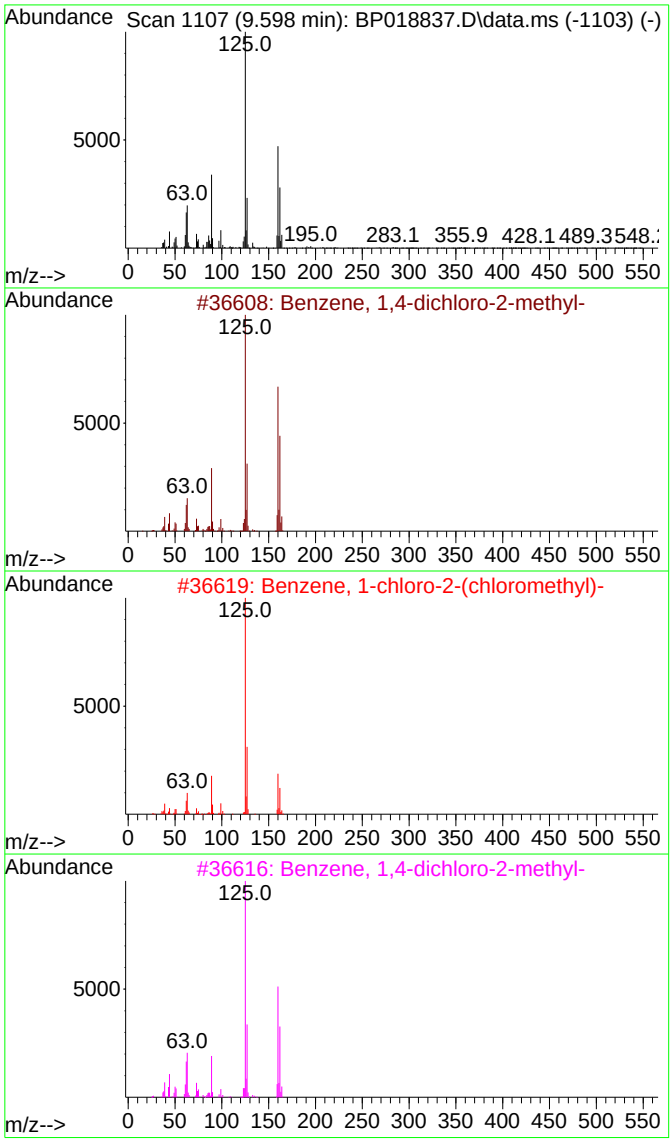
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

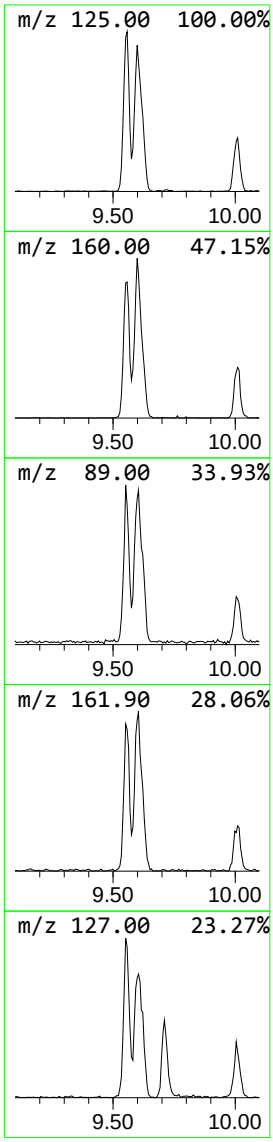
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,4-dichloro-2-met... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.598	2.48 ng/ul	199396	Naphthalene-d8	10.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
2	Benzene, 1-chloro-2-(chloromethyl)-	160	C7H6Cl2	000611-19-8	96
3	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
4	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	95
5	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	95





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Sample : 05646-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AS4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

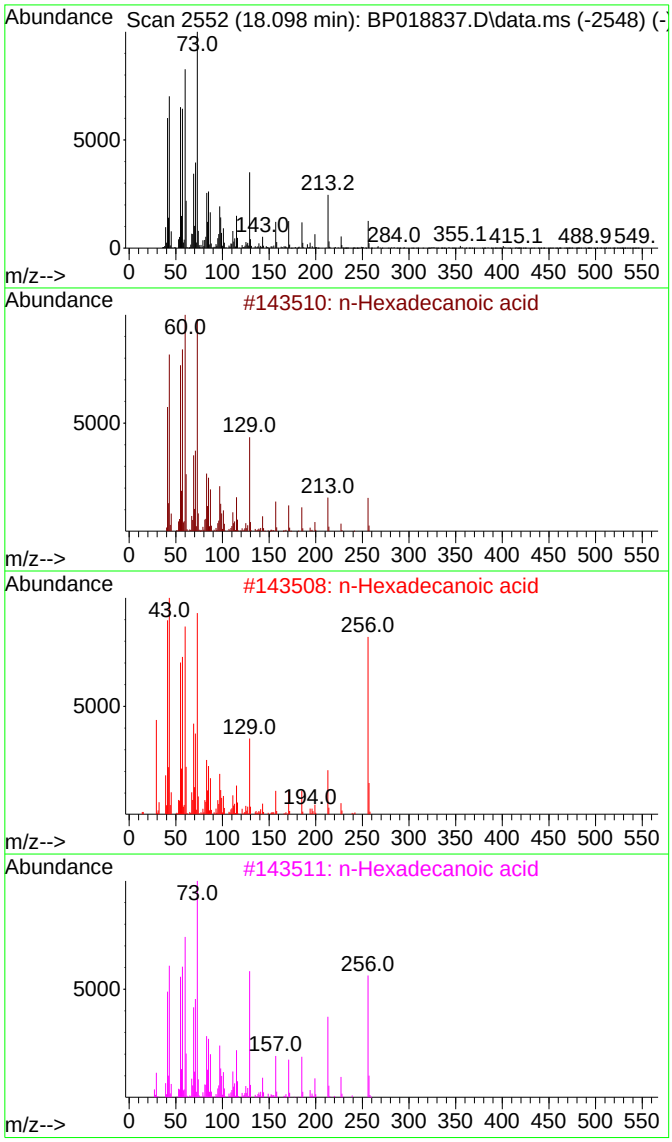
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

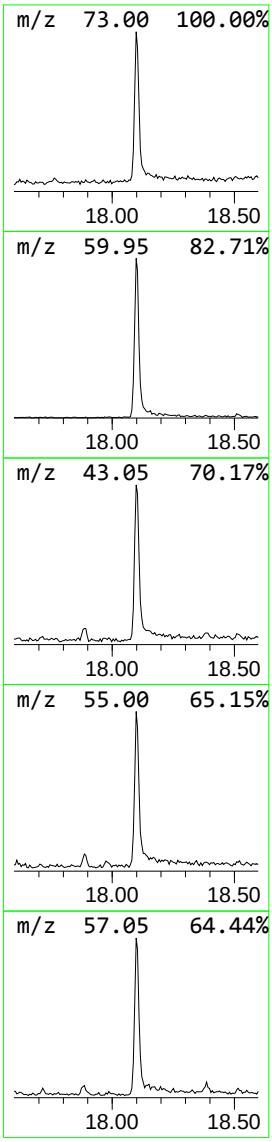
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	2.51 ng/ul	312104	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97





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BNA_P
ClientSampleId :
C0AS4

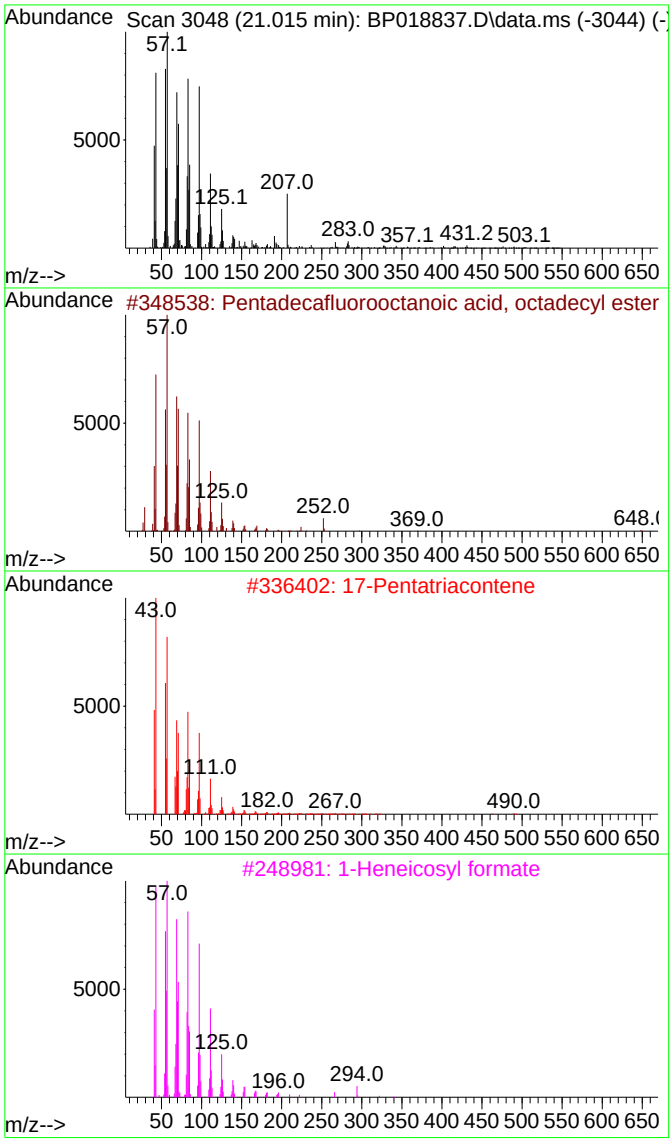
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

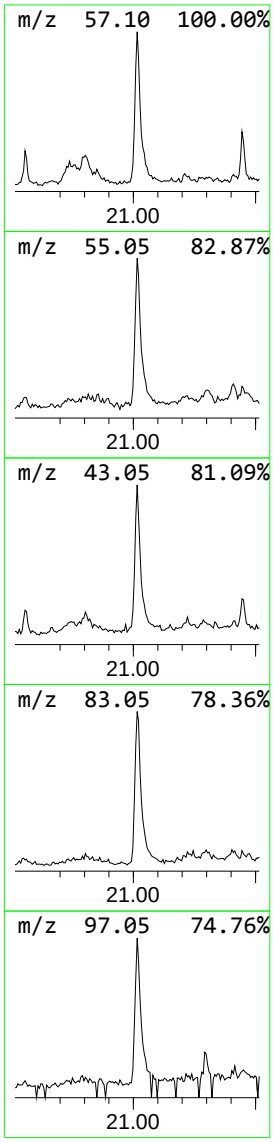
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pentadecafluorooctanoic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.015	2.38 ng/ul	409492	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
2	17-Pentatriacontene	491	C35H70	006971-40-0	93
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
5	1-Tetracosene	336	C24H48	010192-32-2	93





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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
Benzene, 1,4-di...	9.598	2.5	ng/ul	199396	2	10.628	1608130	20.0
n-Hexadecanoic ...	18.098	2.5	ng/ul	312104	4	17.210	2486010	20.0
Pentadecafluoro...	21.015	2.4	ng/ul	409492	5	21.298	3435560	20.0