LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092223\
Data File : BP017295.D
Acq On : 22 Sep 2023 20:00
Operator : MA/JU
Sample : 04410-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BBJL8

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-BP092023.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017295.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	24	29	34	rBV	171315	228347	6.59%	1.173%
2	3.305	34	37	42	rVB	32114	40403	1.17%	0.207%
3	3.746	108	112	127	rBV	115438	193778	5.59%	0.995%
4	4.570	246	252	268	rVB	2428993	3467293	100.00%	17.807%
5	5.716	444	447	450	rBV5	3455	3973	0.11%	0.020%
6	5.758	451	454	457	rVB4	5534	6352	0.18%	0.033%
7	6.181	522	526	531	rBV8	4603	8146	0.23%	0.042%
8	6.346	551	554	558	rBV6	4363	6200	0.18%	0.032%
9	6.864	639	642	646	rBV6	4071	6954	0.20%	0.036%
10	6.952	655	657	663	rVB7	4319	5298	0.15%	0.027%
11	7.093	675	681	691	rBV	147721	244130	7.04%	1.254%
12	7.275	706	712	722	rVV	230731	352466	10.17%	1.810%
13	7.458	736	743	755	rBV	231783	394743	11.38%	2.027%
14	7.811	801	803	809	rVB7	4127	6735	0.19%	0.035%
15	7.934	816	824	831	rBV	205457	328891	9.49%	1.689%
16	8.646	937	945	957	rBV	213551	368975	10.64%	1.895%
17	9.005	1002	1006	1008	rBV5	3496	4495	0.13%	0.023%
18	9.134	1021	1028	1039	rBV	229554	392249	11.31%	2.014%
19	9.258	1045	1049	1054	rBV6	8541	13130	0.38%	0.067%
20	9.846	1141	1149	1160	rBV	175516	300803	8.68%	1.545%
21	10.375	1232	1239	1253	rBV	261189	479151	13.82%	2.461%
22	10.757	1296	1304	1312	rBV	274754	462383	13.34%	2.375%
23	10.922	1324	1332	1343	rBV	187753	335925	9.69%	1.725%
24	11.781	1473	1478	1479	rBV5	2896	4556	0.13%	0.023%
25	12.040	1520	1522	1526	rBV5	2261	3472	0.10%	0.018%
26	12.322	1564	1570	1571	rBV6	5096	7196	0.21%	0.037%
27	12.522	1600	1604	1607	rVB6	2371	3470	0.10%	0.018%
28	13.169	1708	1714	1718	rBV9	3385	6629	0.19%	0.034%
29	13.434	1753	1759	1767	rBV	58723	99404	2.87%	0.510%
30	13.546	1774	1778	1780	rBV5	3370	4296	0.12%	0.022%
31	14.010	1850	1857	1866	rBV	474728	688718	19.86%	3.537%
32	14.293	1899	1905	1913	rBV	594165	857705	24.74%	4.405%
33	14.593	1950	1956	1964	rBV	385114	567864	16.38%	2.916%
34	14.834	1991	1997	2009	rBV	64355	158173	4.56%	0.812%
35	15.169	2053	2054	2061	rBV7	2347	5122	0.15%	0.026%
36	15.592	2119	2126	2135	rBV	833919	1196036	34.49%	6.142%

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37	15.663	2136	2138	2143	rVV5	11881	15734	0.45%	0.081%
38	15.722	2143	2148	2158	rVV	148674	213321	6.15%	1.096%
39	15.828	2164	2166	2170	rVB5	4196	4574	0.13%	0.023%
40	16.710	2314	2316	2320	rBV4	2310	3800	0.11%	0.020%
41	17.363	2421	2427	2438	rBV	503821	707727	20.41%	3.635%
42	17.463	2438	2444	2455	rBV	1020007	1503869	43.37%	7.723%
43	17.986	2530	2533	2538	rVB5	8204	10466	0.30%	0.054%
44	18.204	2566	2570	2577	rBV	72138	114412	3.30%	0.588%
45	18.610	2636	2639	2642	rBV5	11619	15575	0.45%	0.080%
46	19.122	2723	2726	2729	rBV5	25625	26213	0.76%	0.135%
47	19.345	2762	2764	2768	rVB2	20813	21349	0.62%	0.110%
48	19.445	2779	2781	2787	rVB6	19852	22638	0.65%	0.116%
49	19.704	2820	2825	2833	rBV	1522509	2001727	57.73%	10.280%
50	21.469	3121	3125	3131	rVB	589984	767407	22.13%	3.941%
51	23.816	3519	3524	3535	rVB2	961762	1965345	56.68%	10.093%
52	23.986	3548	3553	3564	rVB	405891	824354	23.78%	4.234%

Sum of corrected areas: 19471972

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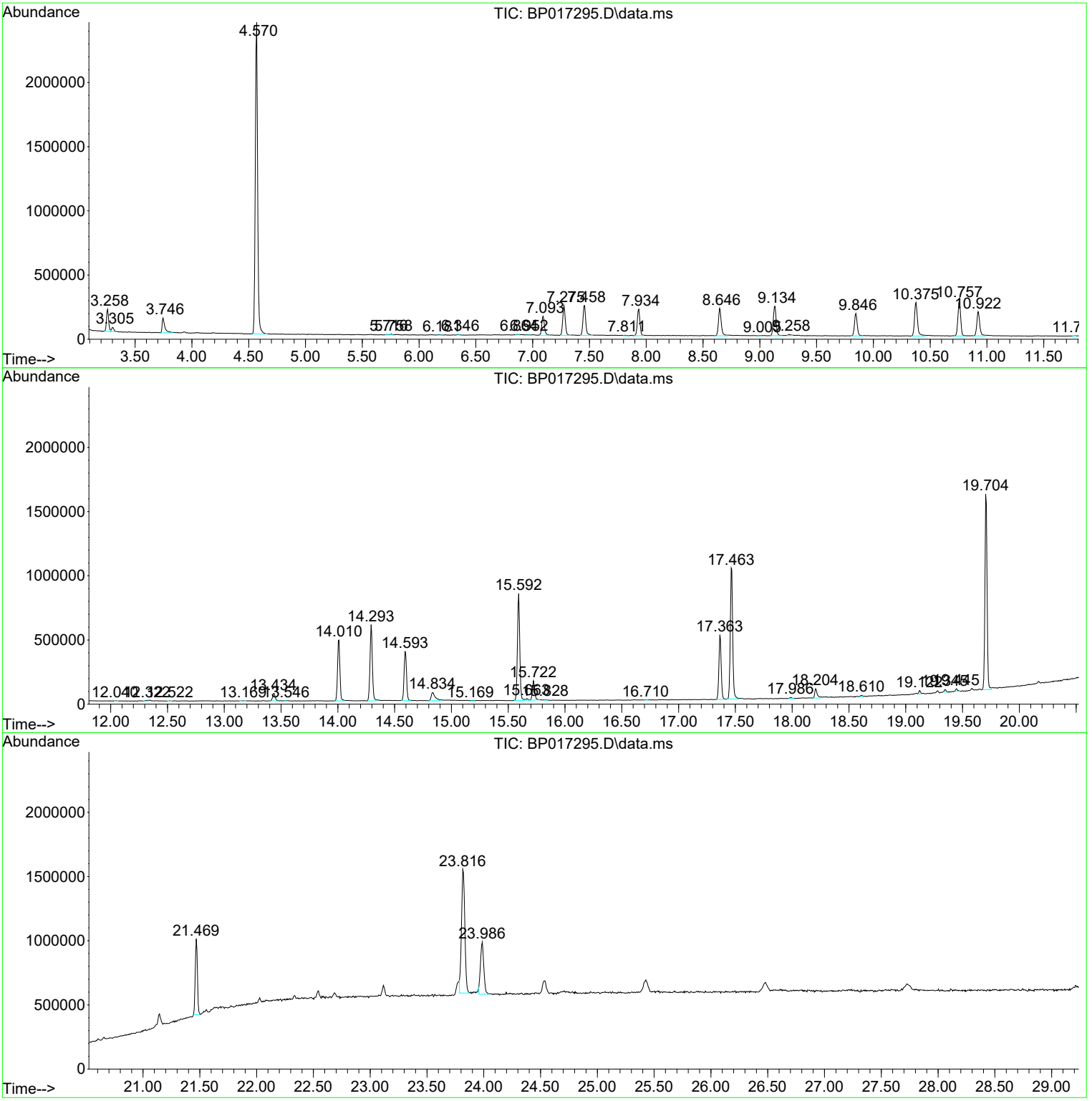
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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



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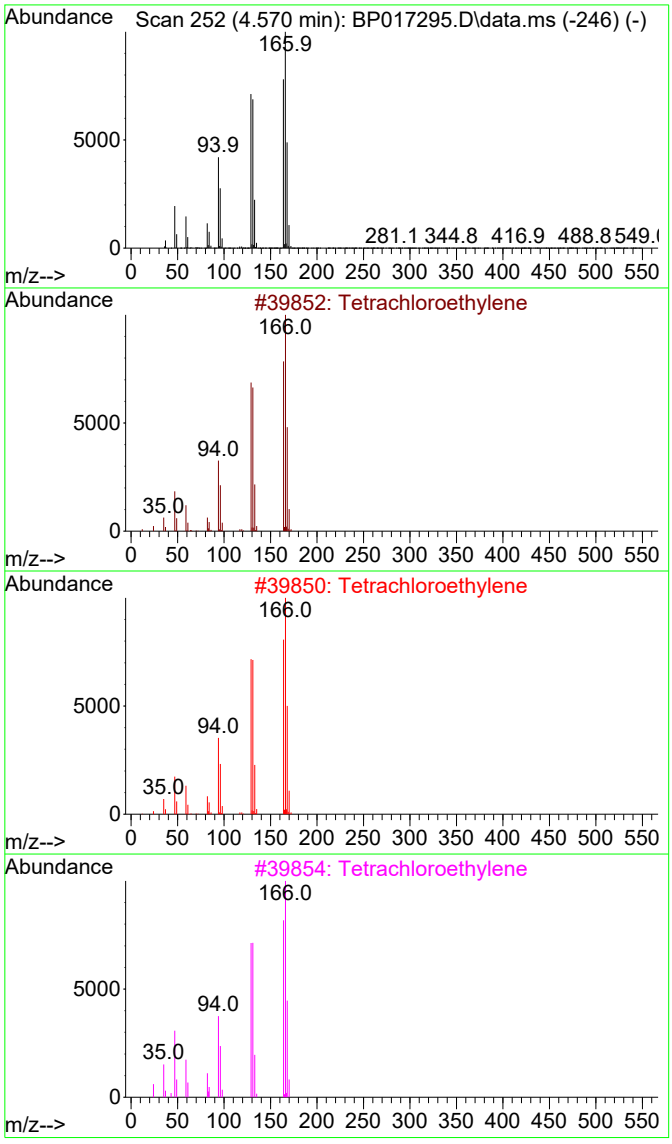
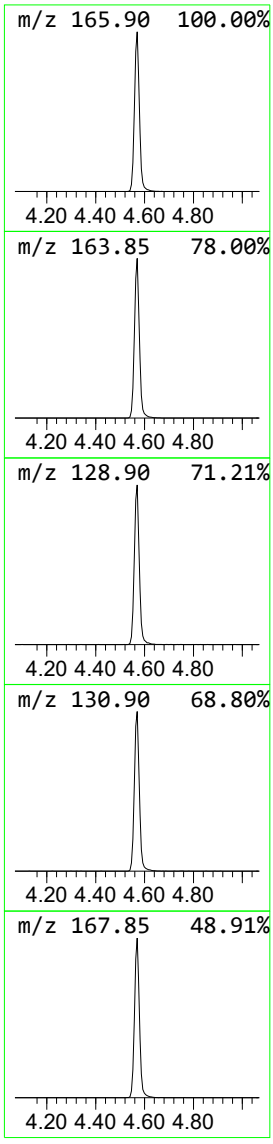
****
Peak Number 1 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.570	210.85 ng/ul	3467290	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	91
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	38





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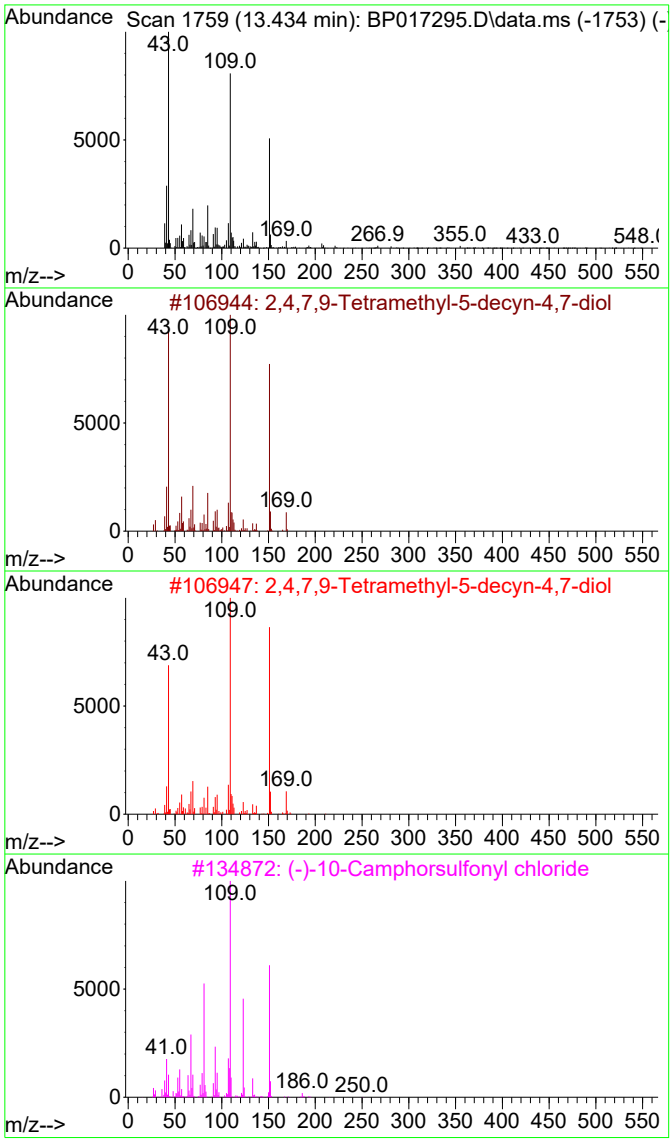
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

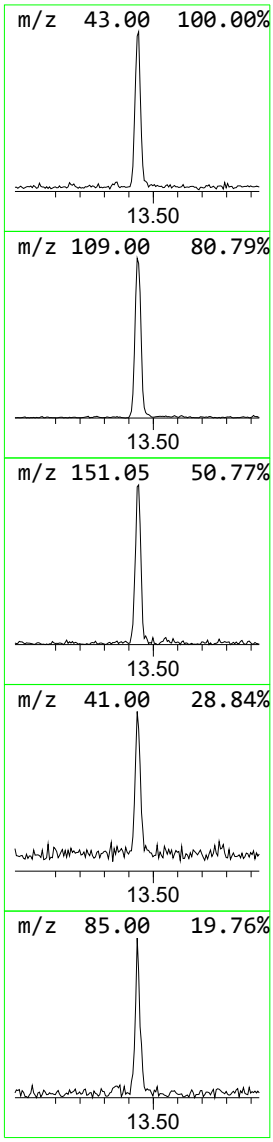
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.434	3.50 ng/ul	99404	Acenaphthene-d10	14.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	86
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	80
3	(-)-10-Camphorsulfonyl chloride	250	C10H15ClO3S	039262-22-1	64
4	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	58
5	Metacetamol	151	C8H9NO2	000621-42-1	53





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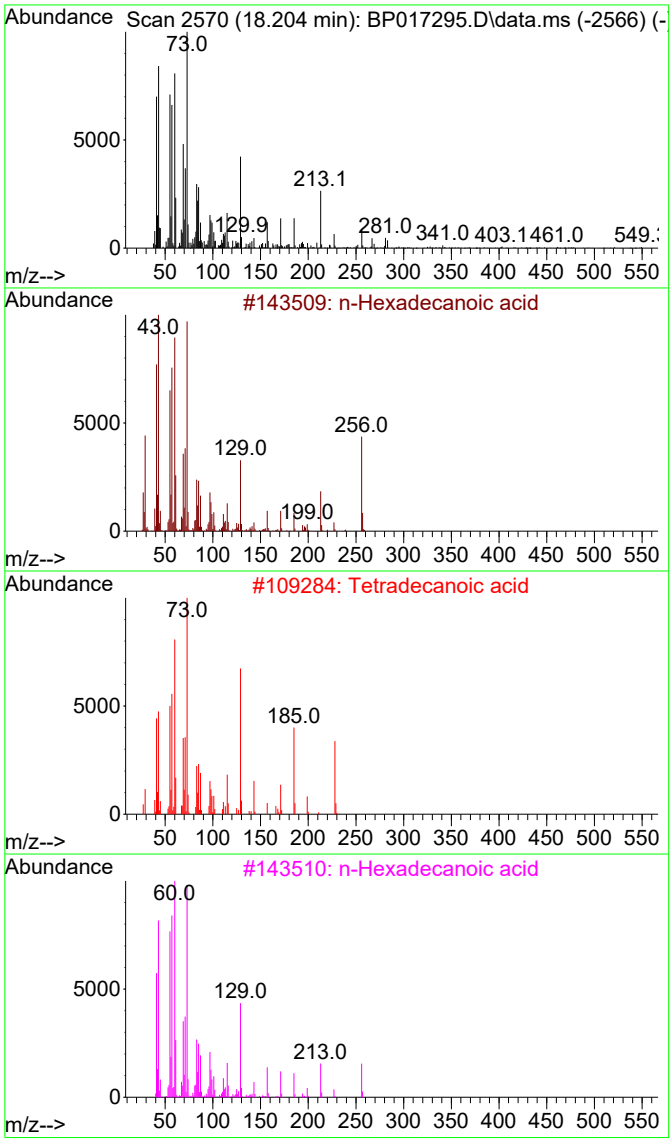
Quant Title : SVOA CALIBRATION

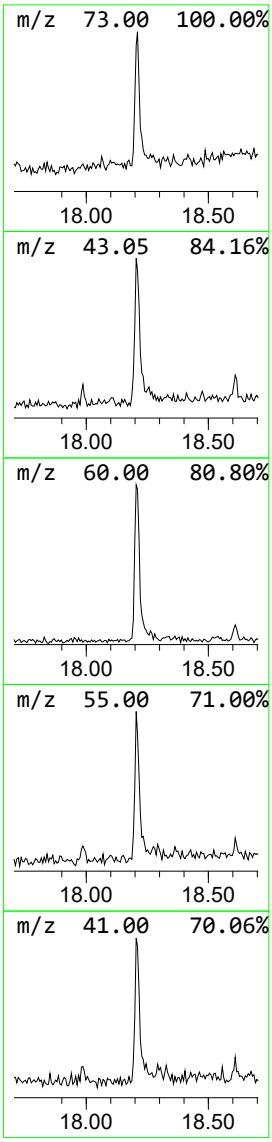
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	3.23 ng/ul	114412	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76





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
Tetrachloroethy...	4.570	210.8	ng/ul	3467290	1	7.934	328891	20.0
2,4,7,9-Tetrame...	13.434	3.5	ng/ul	99404	3	14.592	567864	20.0
n-Hexadecanoic ...	18.204	3.2	ng/ul	114412	4	17.363	707727	20.0