LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017335.D
Acq On : 25 Sep 2023 23:16
Operator : MA/JU
Sample : 04429-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJN6

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: BP017335.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.252	23	28	33	rBV	533617	660084	4.81%	0.830%
2	3.299	33	36	40	rVB	44470	55224	0.40%	0.069%
3	3.734	106	110	126	rBV	266277	400046	2.92%	0.503%
4	3.922	138	142	150	rVB	46704	69363	0.51%	0.087%
5	4.040	159	162	166	rVB	12152	14491	0.11%	0.018%
6	4.181	183	186	194	rVB2	17543	26552	0.19%	0.033%
7	4.428	225	228	233	rVB3	14069	17377	0.13%	0.022%
8	4.564	245	251	269	rVB	9422007	13716420	100.00%	17.242%
9	4.975	316	321	325	rBV2	9181	17548	0.13%	0.022%
10	5.016	326	328	337	rVB9	9266	21730	0.16%	0.027%
11	5.169	349	354	358	rBV2	19109	27628	0.20%	0.035%
12	6.334	547	552	556	rBV	17403	26756	0.20%	0.034%
13	6.893	644	647	653	rVB6	9406	15066	0.11%	0.019%
14	7.081	673	679	690	rBV	216483	368303	2.69%	0.463%
15	7.269	704	711	721	rBV	960506	1439166	10.49%	1.809%
16	7.446	734	741	754	rBV	867763	1384310	10.09%	1.740%
17	7.928	816	823	832	rBV	701775	1106574	8.07%	1.391%
18	8.640	936	944	956	rBV	665856	1078331	7.86%	1.355%
19	9.128	1018	1027	1039	rBV	1082997	1792905	13.07%	2.254%
20	9.328	1057	1061	1067	rVB6	8380	16744	0.12%	0.021%
21	9.840	1140	1148	1164	rBV	858348	1434851	10.46%	1.804%
22	10.363	1227	1237	1252	rBV	1262873	2136389	15.58%	2.686%
23	10.746	1295	1302	1312	rBV	990511	1678696	12.24%	2.110%
24	10.916	1322	1331	1345	rBV	1001738	1716361	12.51%	2.158%
25	11.569	1437	1442	1449	rVB2	17428	29817	0.22%	0.037%
26	12.334	1565	1572	1578	rBV3	25356	45583	0.33%	0.057%
27	13.428	1753	1758	1764	rVB3	36643	58799	0.43%	0.074%
28	14.004	1849	1856	1870	rBV	2773318	3746125	27.31%	4.709%
29	14.287	1897	1904	1917	rBV	3099375	4323268	31.52%	5.434%
30	14.587	1946	1955	1966	rBV	1571295	2245368	16.37%	2.823%
31	14.822	1989	1995	2007	rBV	134909	281169	2.05%	0.353%
32	15.586	2117	2125	2132	rBV	4061564	5696858	41.53%	7.161%
33	15.657	2132	2137	2141	rVV	91767	148166	1.08%	0.186%
34	15.716	2141	2147	2160	rVV	1190245	1619981	11.81%	2.036%
35	15.822	2161	2165	2171	rVB3	18777	30059	0.22%	0.038%
36	16.122	2211	2216	2220	rBV2	59795	81973	0.60%	0.103%

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37	16.457	2268	2273	2277	rBV6	10451	14702	0.11%	0.018%
38	16.645	2300	2305	2310	rBV	32405	47018	0.34%	0.059%
39	17.357	2420	2426	2433	rBV	1960105	2703140	19.71%	3.398%
40	17.463	2437	2444	2457	rVV	4586916	6604950	48.15%	8.303%
41	18.204	2565	2570	2578	rBV	225809	342076	2.49%	0.430%
42	19.269	2748	2751	2755	rBV2	54201	68888	0.50%	0.087%
43	19.339	2759	2763	2769	rVB2	58228	86445	0.63%	0.109%
44	19.439	2776	2780	2788	rBV	90998	143461	1.05%	0.180%
45	19.698	2819	2824	2831	rBV	6092555	8008340	58.39%	10.067%
46	21.133	3064	3068	3077	rBV4	149709	273703	2.00%	0.344%
47	21.463	3119	3124	3132	rVB	2298597	2841989	20.72%	3.572%
48	23.810	3516	3523	3533	rVB2	3925746	7870980	57.38%	9.894%
49	23.974	3544	3551	3562	rVB	1443594	3018666	22.01%	3.795%

Sum of corrected areas: 79552439

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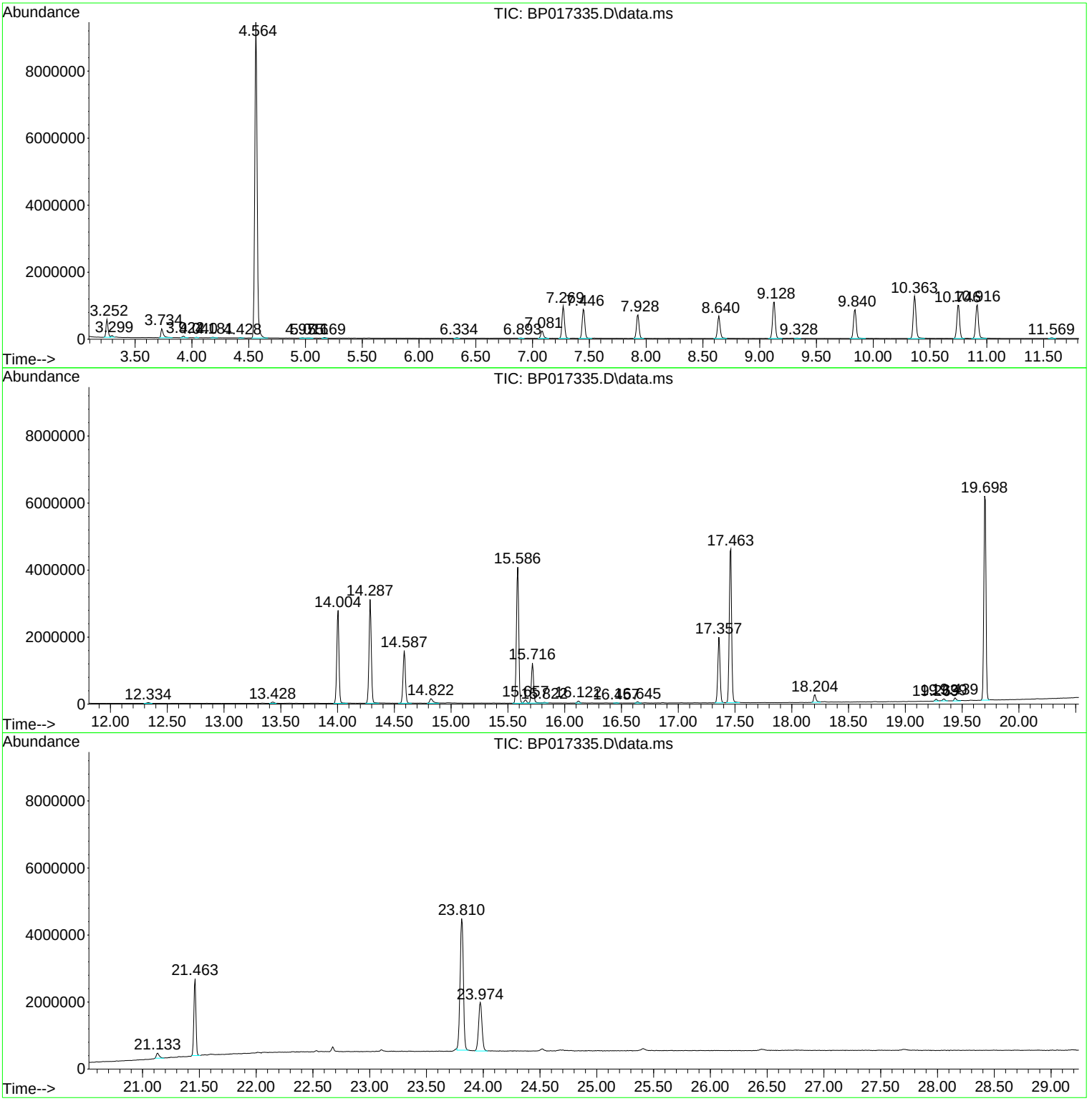
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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



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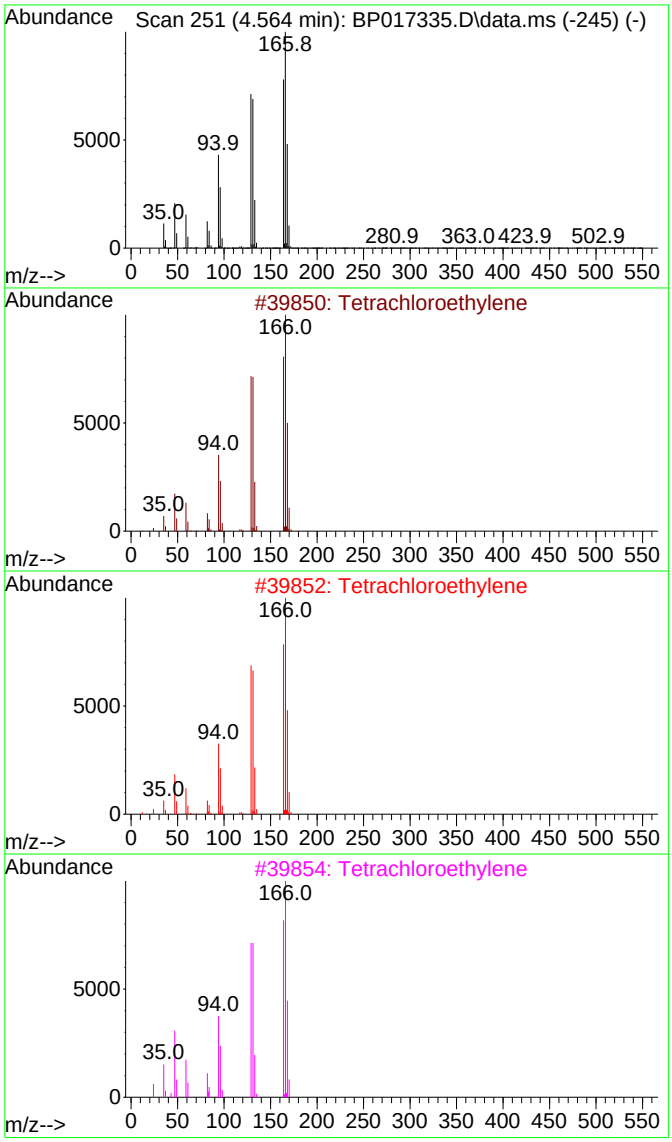
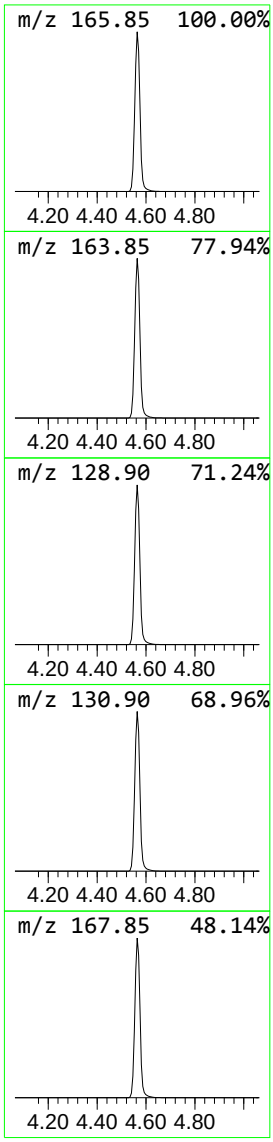
Peak Number 1 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.564	247.91 ng/ul	13716400	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	99
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	99
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	87
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	38





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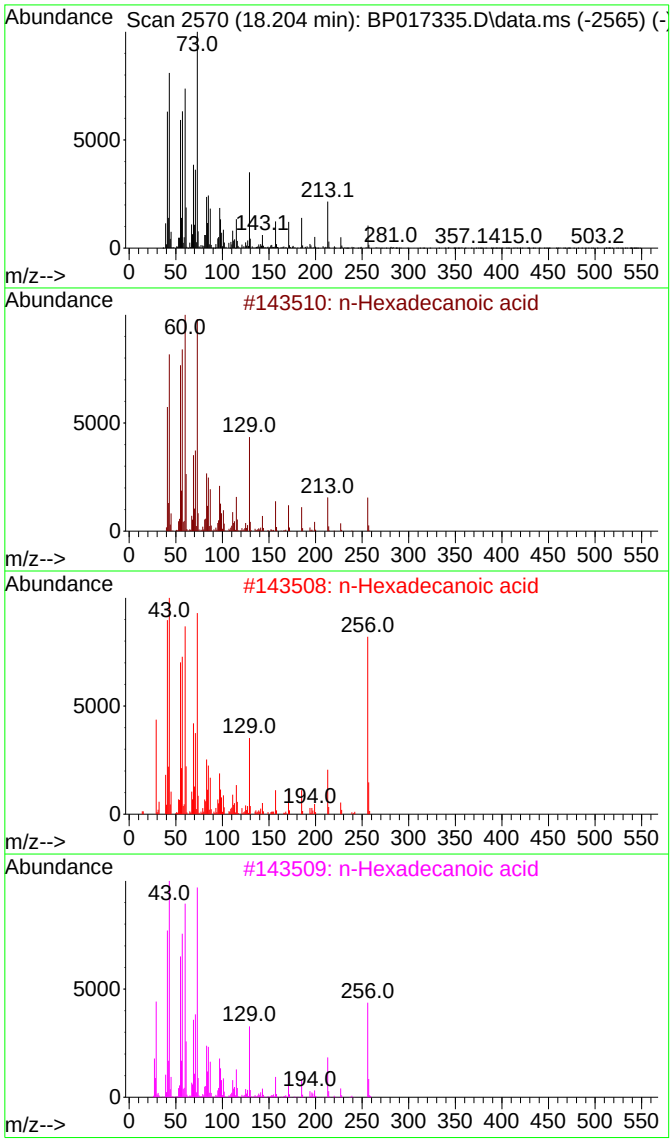
Quant Title : SVOA CALIBRATION

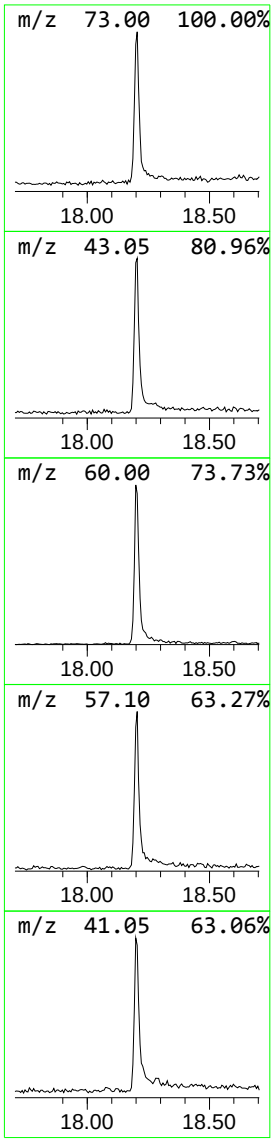
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	2.53 ng/ul	342076	Phenanthrene-d10	17.357

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	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





Tentatively Identified Compound (LSC) summary

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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tetrachloroethy...	4.564	247.9	ng/ul	13716400	1	7.928	1106570	20.0
n-Hexadecanoic ...	18.204	2.5	ng/ul	342076	4	17.357	2703140	20.0