LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059382.D
Acq On : 8 Oct 2023 19:15
Operator : MA/JU
Sample : 04607-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK00

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-BG100723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG059382.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.964	93	98	105	rBV2	68617	121968	5.26%	0.657%
2	4.228	142	143	146	rVB	10668	7432	0.32%	0.040%
3	4.304	154	156	159	rVB	8596	6571	0.28%	0.035%
4	4.839	241	247	254	rVB2	109149	184403	7.95%	0.993%
5	4.968	266	269	272	rVB	7822	8302	0.36%	0.045%
6	6.355	501	505	507	rBV2	5064	7690	0.33%	0.041%
7	7.354	670	675	682	rVB3	57360	97123	4.19%	0.523%
8	7.548	703	708	715	rVB	221879	368700	15.90%	1.986%
9	7.742	734	741	748	rBV	194119	351801	15.17%	1.895%
10	7.930	769	773	777	rBV	5299	9401	0.41%	0.051%
11	8.229	817	824	831	rBV	175426	298254	12.86%	1.606%
12	8.458	860	863	866	rBV3	7527	8367	0.36%	0.045%
13	8.670	896	899	900	rBV2	6752	6383	0.28%	0.034%
14	8.923	936	942	951	rVB3	162400	295406	12.74%	1.591%
15	9.046	958	963	964	rBV3	9555	12835	0.55%	0.069%
16	9.152	978	981	983	rBV	6217	7514	0.32%	0.040%
17	9.422	1020	1027	1035	rVB	270140	503308	21.70%	2.710%
18	9.604	1053	1058	1059	rVB	5895	6705	0.29%	0.036%
19	9.628	1059	1062	1064	rBV4	7909	9535	0.41%	0.051%
20	9.839	1096	1098	1101	rVB	7265	8009	0.35%	0.043%
21	9.933	1112	1114	1118	rVB2	6796	7298	0.31%	0.039%
22	10.145	1143	1150	1156	rVB2	216390	381380	16.44%	2.054%
23	10.673	1232	1240	1248	rVB	311477	578177	24.93%	3.114%
24	10.985	1290	1293	1294	rBV	7938	7138	0.31%	0.038%
25	11.067	1300	1307	1317	rBV	264231	486513	20.98%	2.620%
26	11.214	1325	1332	1342	rVB	287168	537087	23.16%	2.892%
27	11.402	1361	1364	1365	rBV	7087	7429	0.32%	0.040%
28	11.796	1429	1431	1436	rVB	8665	8226	0.35%	0.044%
29	11.919	1451	1452	1457	rBV	7123	8743	0.38%	0.047%
30	12.113	1482	1485	1486	rBV	9123	6773	0.29%	0.036%
31	12.330	1519	1522	1527	rVB	4760	7039	0.30%	0.038%
32	12.630	1570	1573	1579	rVB2	11064	20190	0.87%	0.109%
33	12.718	1585	1588	1591	rBV	5018	6828	0.29%	0.037%
34	12.936	1623	1625	1628	rVB	6618	7024	0.30%	0.038%
35	13.082	1646	1650	1651	rBV	5657	6852	0.30%	0.037%
36	13.159	1658	1663	1667	rVB4	16721	27465	1.18%	0.148%

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Title : SVOA CALIBRATION

37	13.840	1774	1779	1780	rBV2	5747	7431	0.32%	0.040%
38	14.257	1843	1850	1855	rBV	782215	1085439	46.80%	5.845%
39	14.563	1896	1902	1913	rVB2	841705	1350396	58.22%	7.272%
40	14.863	1947	1953	1960	rVB	479854	711621	30.68%	3.832%
41	15.051	1979	1985	1992	rBV3	55754	104000	4.48%	0.560%
42	15.286	2022	2025	2028	rBV2	7440	10857	0.47%	0.058%
43	15.462	2051	2055	2057	rBV	7510	10931	0.47%	0.059%
44	15.850	2115	2121	2129	rBV	1144333	1740448	75.04%	9.373%
45	15.961	2135	2140	2147	rBV	398221	597234	25.75%	3.216%
46	17.612	2415	2421	2427	rVB	580099	868911	37.46%	4.679%
47	17.712	2431	2438	2445	rBV	1327827	1982504	85.48%	10.676%
48	18.429	2556	2560	2567	rBV3	123580	176445	7.61%	0.950%
49	19.692	2772	2775	2778	rBV4	38546	48244	2.08%	0.260%
50	19.986	2820	2825	2831	rVB	1623222	2225626	95.96%	11.986%
51	21.913	3147	3153	3162	rVB2	541774	905703	39.05%	4.878%
52	25.156	3695	3705	3716	rBV2	782975	2319296	100.00%	12.490%

Sum of corrected areas: 18568955

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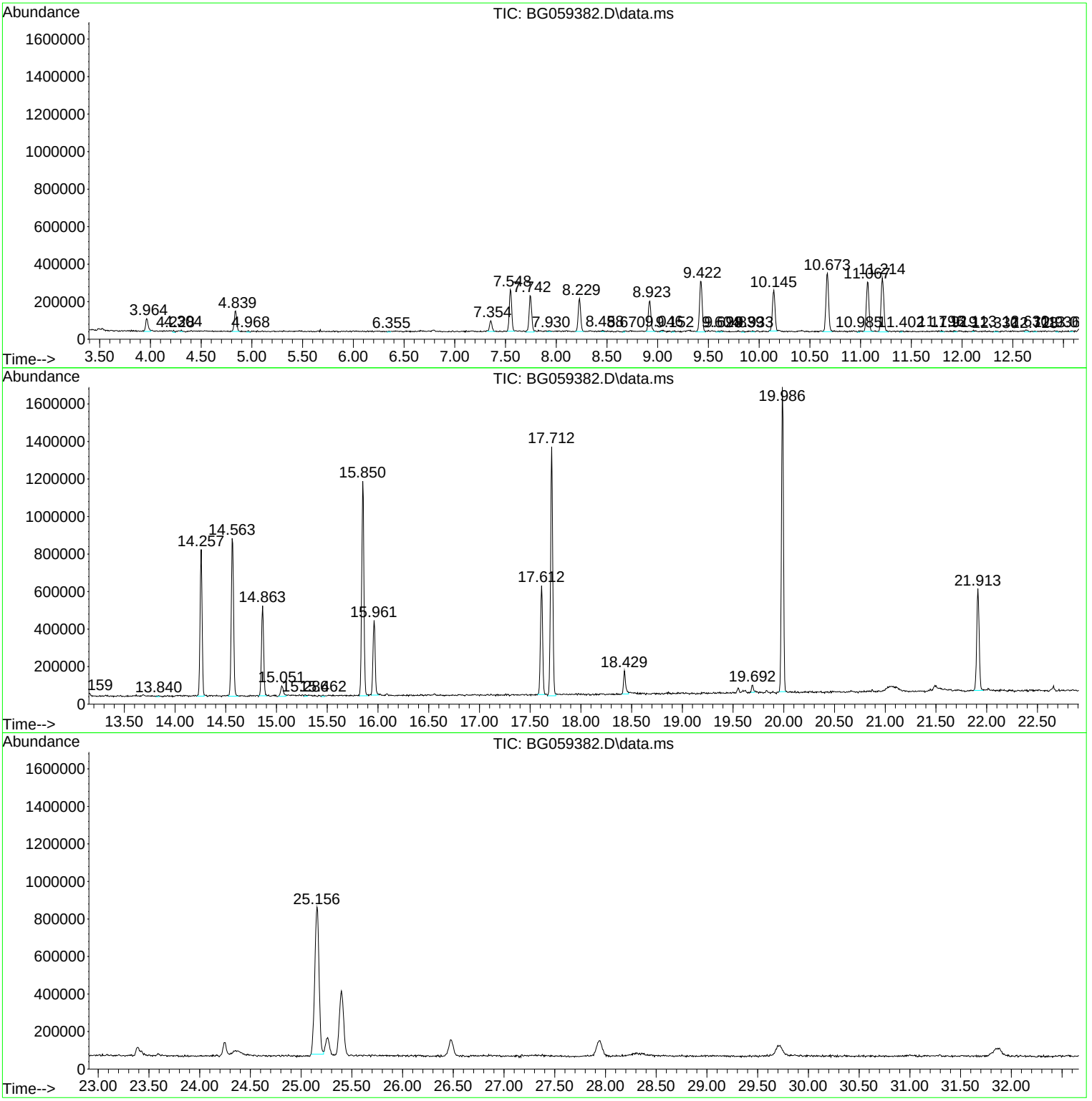
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION

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



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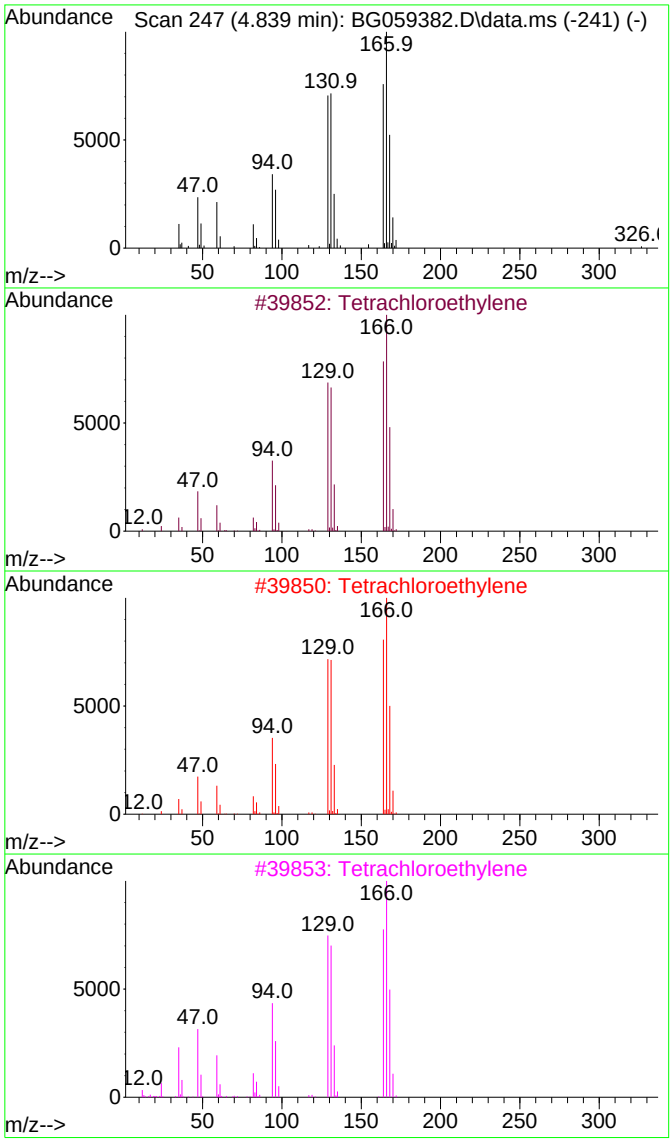
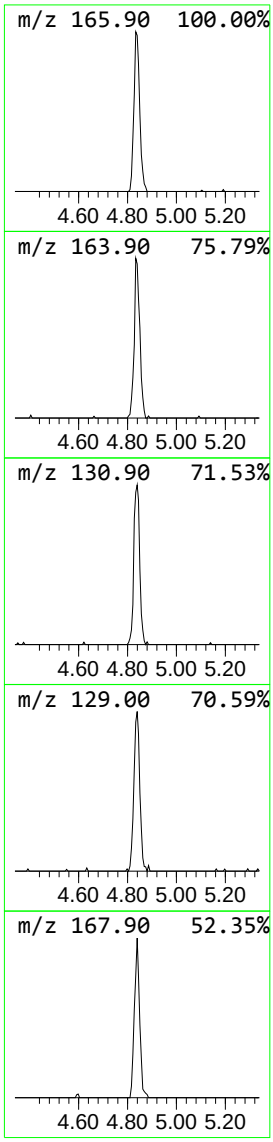
****
Peak Number 1 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.839	12.37 ng/ul	184403	1,4-Dichlorobenzene-d4	8.229

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	97
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	43





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ClientSampleId :
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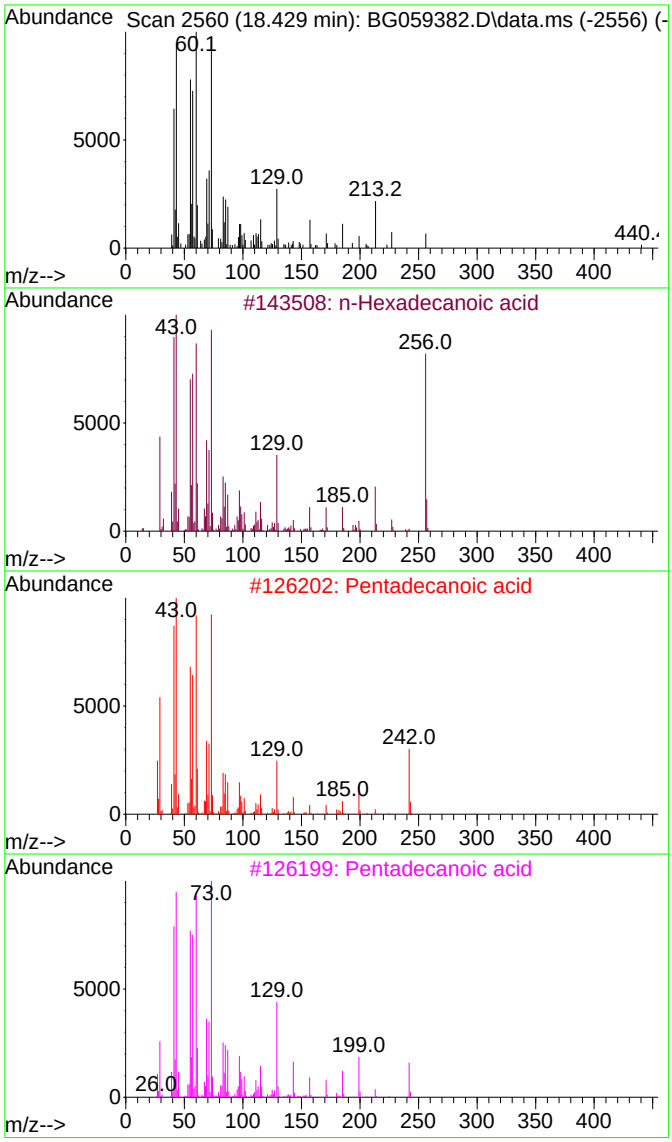
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION

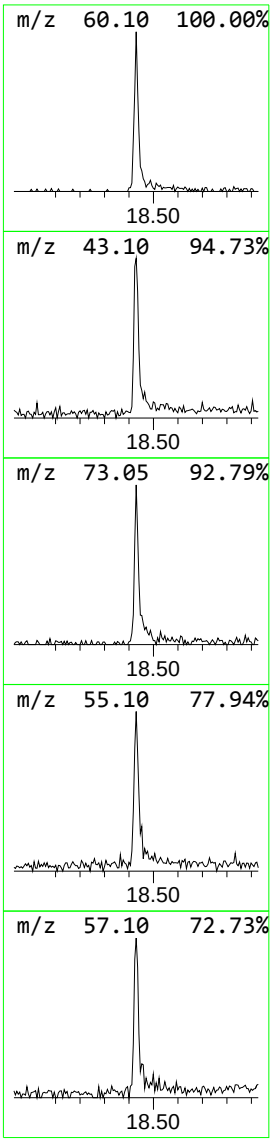
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.429	4.06 ng/ul	176445	Phenanthrene-d10	17.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Tentatively Identified Compound (LSC) summary

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ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.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...	4.839	12.4	ng/ul	184403	1	8.229	298254	20.0
n-Hexadecanoic ...	18.429	4.1	ng/ul	176445	4	17.612	868911	20.0