LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059257.D
Acq On : 29 Sep 2023 7:13
Operator : MA/JU
Sample : 04480-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

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-BG092723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG059257.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.496	13	18	19	rBV4	7588	10001	0.31%	0.044%
2	3.837	74	76	81	rVB5	2668	3491	0.11%	0.015%
3	3.966	93	98	106	rBV2	55418	96088	3.02%	0.422%
4	4.177	129	134	139	rBV5	14470	22138	0.69%	0.097%
5	4.301	151	155	160	rBV5	5277	8720	0.27%	0.038%
6	4.354	162	164	167	rVB2	4002	3324	0.10%	0.015%
7	4.436	176	178	183	rVB4	5809	6420	0.20%	0.028%
8	4.689	214	221	224	rBV2	5493	9534	0.30%	0.042%
9	4.841	240	247	263	rBV	1300348	2267422	71.17%	9.954%
10	5.094	287	290	292	rBV4	2678	3284	0.10%	0.014%
11	5.241	312	315	318	rBV4	4465	4763	0.15%	0.021%
12	5.282	320	322	325	rVB2	3667	3415	0.11%	0.015%
13	5.452	347	351	357	rVB3	12863	18337	0.58%	0.080%
14	5.834	411	416	417	rBV4	3994	4865	0.15%	0.021%
15	6.604	544	547	553	rBV3	5397	9374	0.29%	0.041%
16	7.356	668	675	682	rBV2	66135	117446	3.69%	0.516%
17	7.550	701	708	718	rBV	224829	377218	11.84%	1.656%
18	7.632	721	722	726	rBV	2222	3194	0.10%	0.014%
19	7.750	733	742	750	rBV	207654	356836	11.20%	1.566%
20	8.114	801	804	807	rVB2	2735	3323	0.10%	0.015%
21	8.231	816	824	833	rVB	141581	247481	7.77%	1.086%
22	8.925	934	942	952	rBV	167602	291722	9.16%	1.281%
23	9.242	992	996	1000	rBV2	2610	3388	0.11%	0.015%
24	9.430	1020	1028	1033	rBV	273791	544989	17.11%	2.392%
25	9.600	1034	1057	1061	rVB2	613107	3186073	100.00%	13.986%
26	10.018	1124	1128	1131	rVB2	3372	5146	0.16%	0.023%
27	10.047	1131	1133	1136	rBV3	3486	4013	0.13%	0.018%
28	10.147	1142	1150	1160	rBV	214041	381025	11.96%	1.673%
29	10.282	1166	1173	1180	rBV5	16013	37109	1.16%	0.163%
30	10.676	1232	1240	1252	rVB	308868	547615	17.19%	2.404%
31	11.075	1300	1308	1314	rBV	217338	383877	12.05%	1.685%
32	11.216	1324	1332	1339	rBV	207574	384187	12.06%	1.687%
33	11.340	1351	1353	1358	rVB2	3633	4244	0.13%	0.019%
34	11.451	1370	1372	1375	rBV	2960	3396	0.11%	0.015%
35	11.774	1425	1427	1431	rBV2	3499	5375	0.17%	0.024%
36	11.868	1440	1443	1449	rBV4	12748	23708	0.74%	0.104%

LSC Area Percent Report

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Sample : 04480-17
Misc :
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Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

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-BG092723.MA.M
Title : SVOA CALIBRATION

37	11.921	1449	1452	1457	rVV3	4274	7827	0.25%	0.034%
38	11.962	1457	1459	1465	rVB2	3085	4072	0.13%	0.018%
39	12.374	1524	1529	1531	rBV2	3112	4634	0.15%	0.020%
40	12.638	1567	1574	1582	rVB3	6953	16043	0.50%	0.070%
41	12.726	1584	1589	1599	rVV2	55313	89999	2.82%	0.395%
42	12.973	1628	1631	1635	rBV2	2477	3782	0.12%	0.017%
43	13.425	1705	1708	1712	rVB	2581	3736	0.12%	0.016%
44	13.696	1749	1754	1758	rBV4	11733	15933	0.50%	0.070%
45	14.260	1844	1850	1857	rBV	664847	945212	29.67%	4.149%
46	14.571	1895	1903	1909	rBV2	690031	1137438	35.70%	4.993%
47	14.624	1909	1912	1917	rVB2	13610	19995	0.63%	0.088%
48	14.865	1947	1953	1960	rVB2	349390	531186	16.67%	2.332%
49	15.053	1978	1985	1993	rBV2	70938	118135	3.71%	0.519%
50	15.141	1997	2000	2008	rVB6	7450	14843	0.47%	0.065%
51	15.570	2069	2073	2080	rBV6	11777	25570	0.80%	0.112%
52	15.764	2104	2106	2109	rVB2	3699	3409	0.11%	0.015%
53	15.852	2109	2121	2127	rBV	953387	1488911	46.73%	6.536%
54	15.905	2127	2130	2133	rVV4	42143	54486	1.71%	0.239%
55	15.964	2133	2140	2146	rVV	312971	451157	14.16%	1.981%
56	16.087	2157	2161	2168	rBV8	6421	14063	0.44%	0.062%
57	16.369	2203	2209	2210	rBV4	1831	3659	0.11%	0.016%
58	16.404	2214	2215	2218	rBV	2605	3310	0.10%	0.015%
59	16.457	2223	2224	2226	rBV2	4535	3357	0.11%	0.015%
60	16.498	2226	2231	2237	rBV4	11384	23474	0.74%	0.103%
61	16.645	2252	2256	2258	rBV3	4264	4651	0.15%	0.020%
62	16.692	2263	2264	2268	rBV2	2744	3678	0.12%	0.016%
63	16.810	2280	2284	2287	rBV3	5037	7373	0.23%	0.032%
64	16.998	2314	2316	2320	rBV4	4441	4336	0.14%	0.019%
65	17.062	2324	2327	2330	rBV5	5101	6833	0.21%	0.030%
66	17.115	2333	2336	2338	rBV4	3834	4197	0.13%	0.018%
67	17.280	2359	2364	2368	rBV4	8650	15997	0.50%	0.070%
68	17.309	2368	2369	2370	rBV	7541	4526	0.14%	0.020%
69	17.615	2410	2421	2430	rBV	429773	673122	21.13%	2.955%
70	17.714	2430	2438	2446	rBV	1171079	1706775	53.57%	7.493%
71	17.803	2451	2453	2455	rBV3	4014	4788	0.15%	0.021%
72	18.020	2488	2490	2494	rVB4	6774	5734	0.18%	0.025%
73	18.161	2510	2514	2517	rVB	10580	14877	0.47%	0.065%
74	18.290	2534	2536	2538	rBV3	3917	3325	0.10%	0.015%
75	18.437	2556	2561	2567	rBV2	56581	83897	2.63%	0.368%
76	19.553	2748	2751	2754	rVB3	17650	18369	0.58%	0.081%

LSC Area Percent Report

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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Integration Parameters: LSCINT.P
Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Title : SVOA CALIBRATION

77	19.618	2758	2762	2770	rVB2	15962	26862	0.84%	0.118%
78	19.694	2772	2775	2779	rVB5	25279	29212	0.92%	0.128%
79	19.836	2797	2799	2804	rVB6	7501	7246	0.23%	0.032%
80	19.988	2819	2825	2832	rVB	1469247	2050396	64.35%	9.001%
81	20.241	2866	2868	2872	rBV5	7418	8445	0.27%	0.037%
82	21.475	3074	3078	3084	rVB7	22902	42668	1.34%	0.187%
83	21.915	3147	3153	3163	rVB	398573	690403	21.67%	3.031%
84	22.497	3250	3252	3253	rVB	7878	3259	0.10%	0.014%
85	23.519	3424	3426	3429	rBV4	8020	8204	0.26%	0.036%
86	24.260	3547	3552	3560	rVB4	29322	62931	1.98%	0.276%
87	25.159	3693	3705	3719	rBV2	710822	2127153	66.76%	9.338%
88	25.400	3736	3746	3755	rBV2	255343	770772	24.19%	3.384%
89	27.579	4115	4117	4119	rBV3	7250	6521	0.20%	0.029%
90	28.931	4345	4347	4349	rBV3	7645	6879	0.22%	0.030%
91	32.474	4948	4950	4951	rBV	8990	6049	0.19%	0.027%
92	32.638	4977	4978	4979	rBV	6980	3499	0.11%	0.015%

Sum of corrected areas: 22779749

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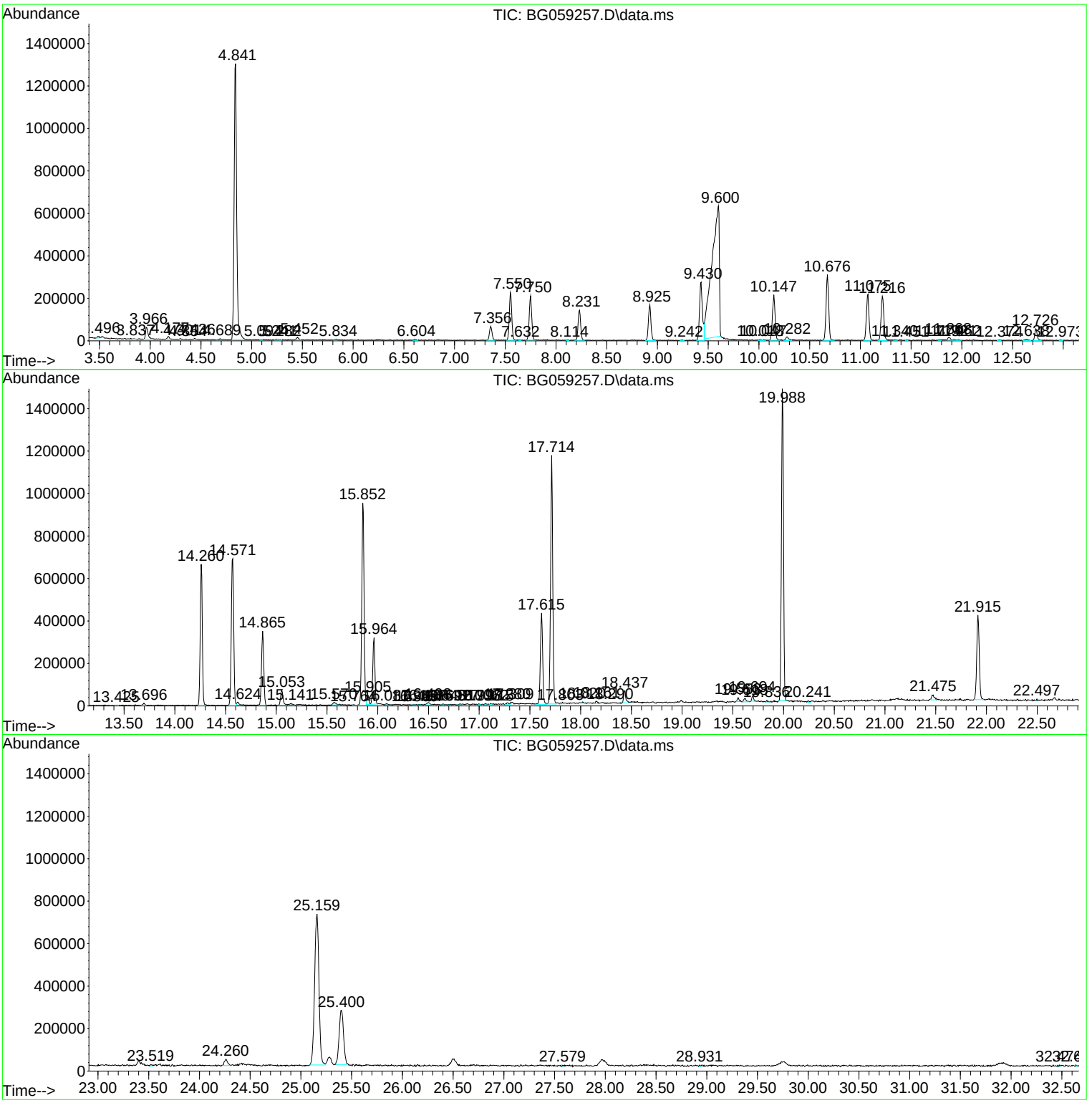
Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059257.D
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Operator : MA/JU
Sample : 04480-17
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Instrument :
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LabSampleId :
SSTDCCC020EC

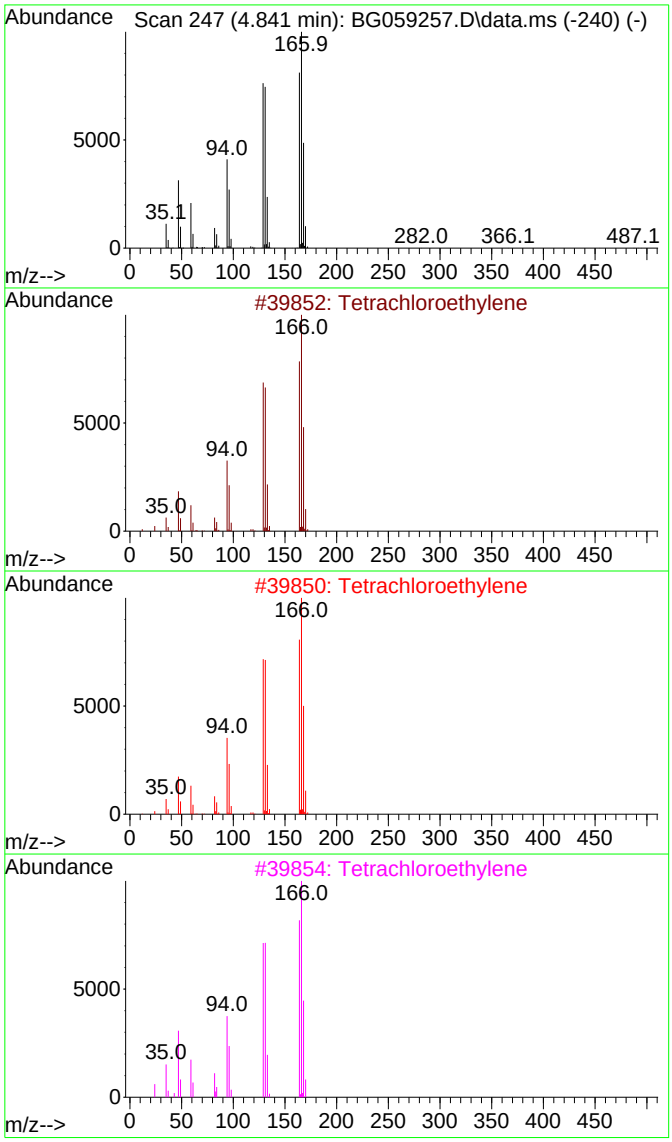
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

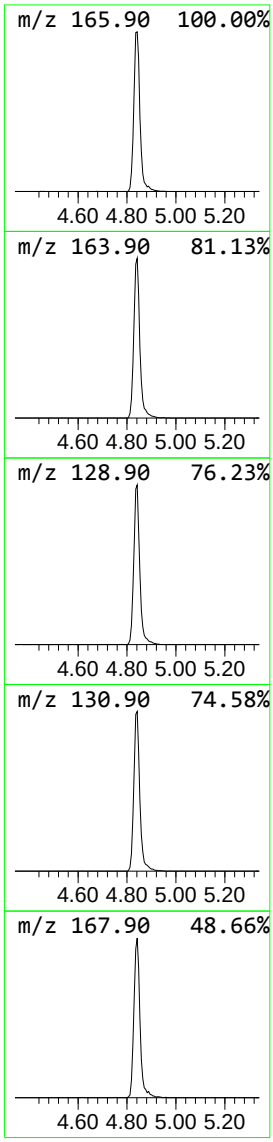
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Tetrachloroethylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.841	183.24 ng/ul	2267420	1,4-Dichlorobenzene-d4	8.231

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	94
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059257.D
Acq On : 29 Sep 2023 7:13
Operator : MA/JU
Sample : 04480-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

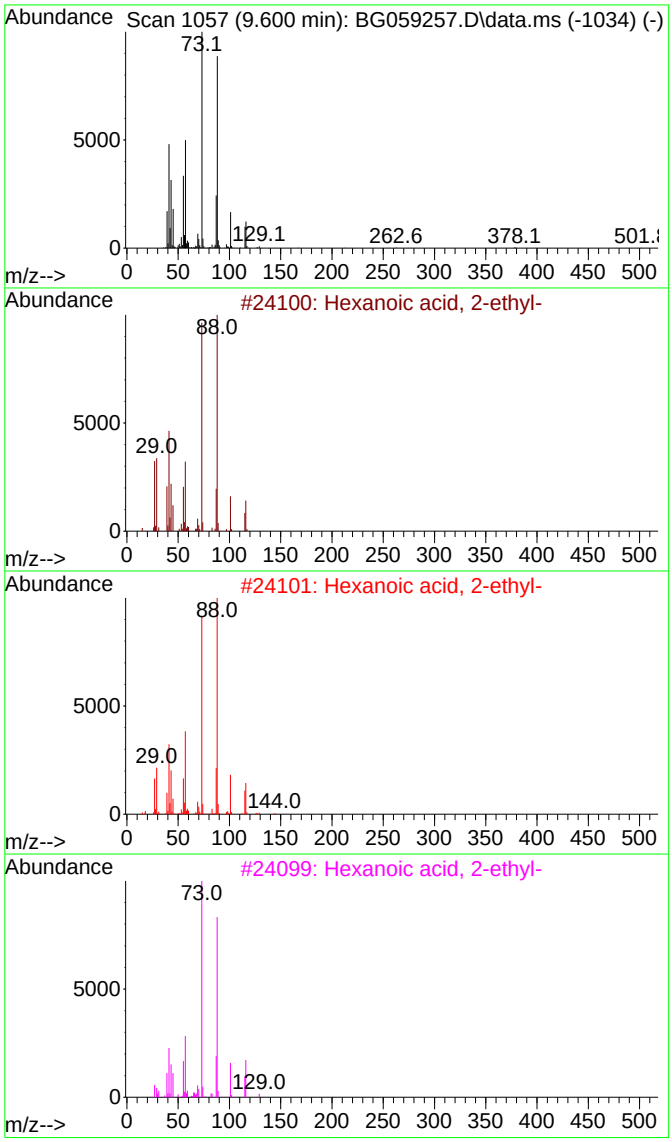
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

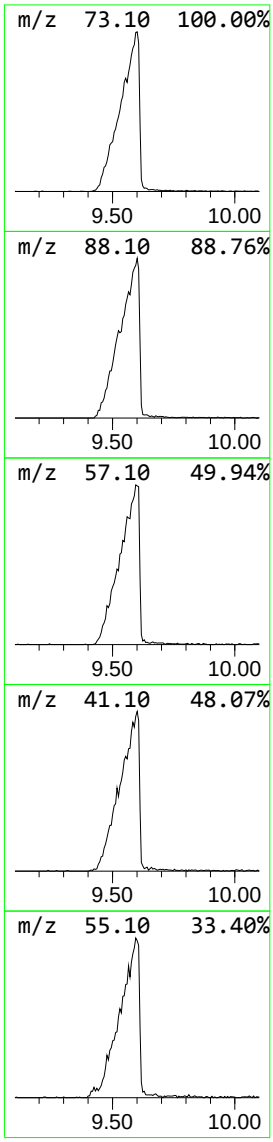
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.600	257.48 ng/ul	3186070	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	59





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LabSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

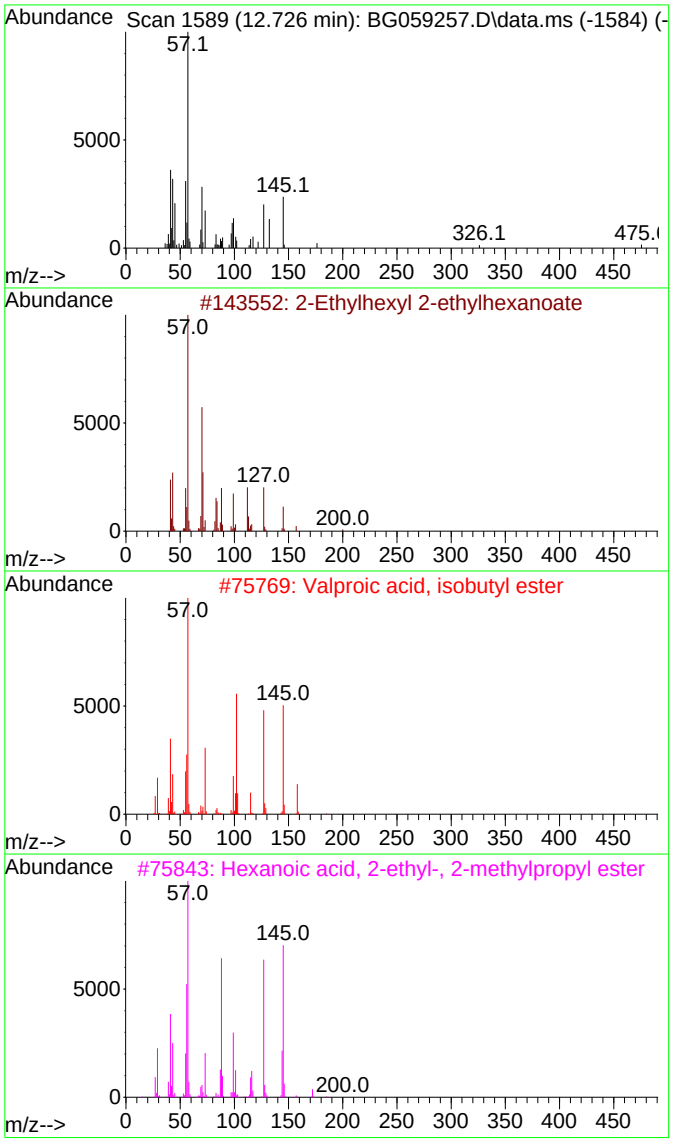
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

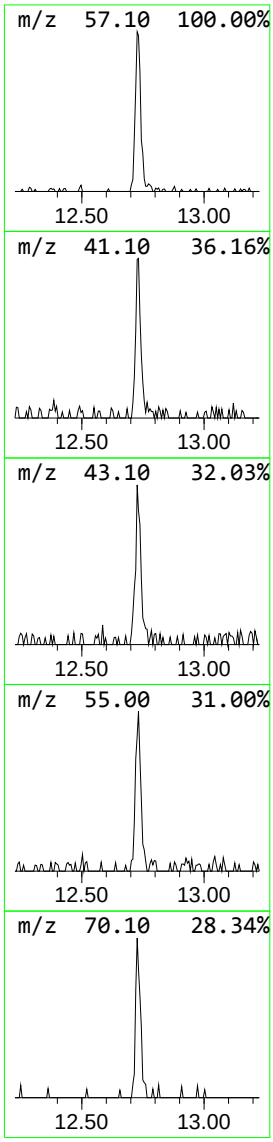
****

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.726	4.69 ng/ul	89999	Naphthalene-d8	11.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylhexyl 2-ethylhexanoate	256	C16H32O2	007425-14-1	47
2	Valproic acid, isobutyl ester	200	C12H24O2	1000438-96-8	35
3	Hexanoic acid, 2-ethyl-, 2-methy...	200	C12H24O2	007434-89-1	27
4	1-Hexanol, 2,2-dimethyl-	130	C8H18O	002370-13-0	22
5	Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	22





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Instrument :
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LabSampleId :
SSTDCCC020EC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

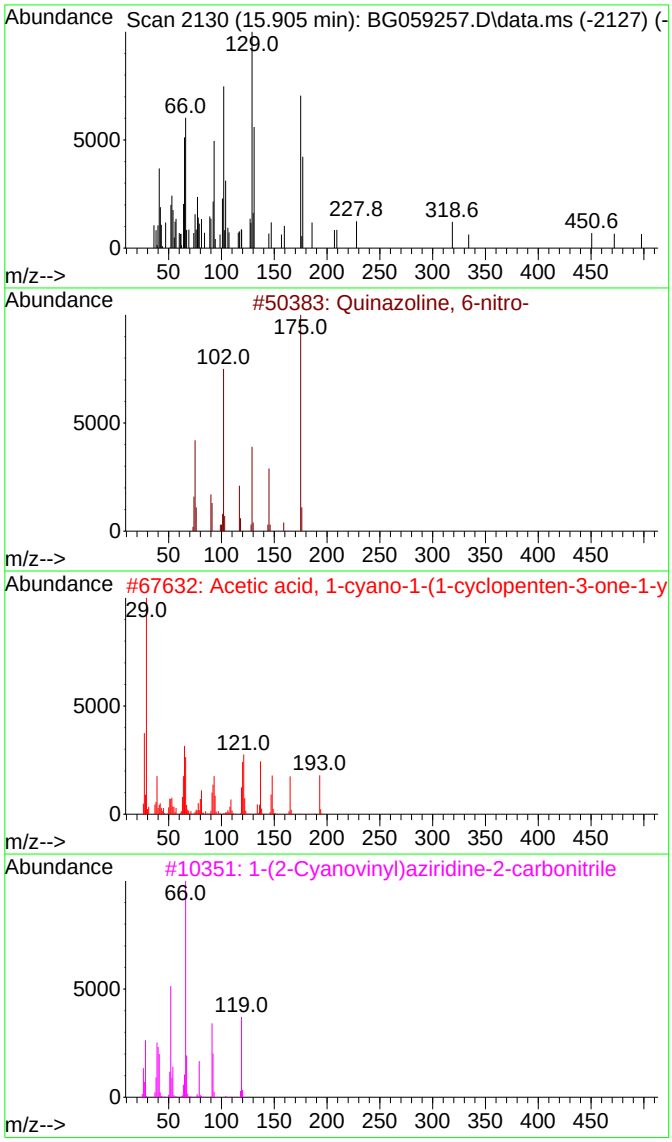
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

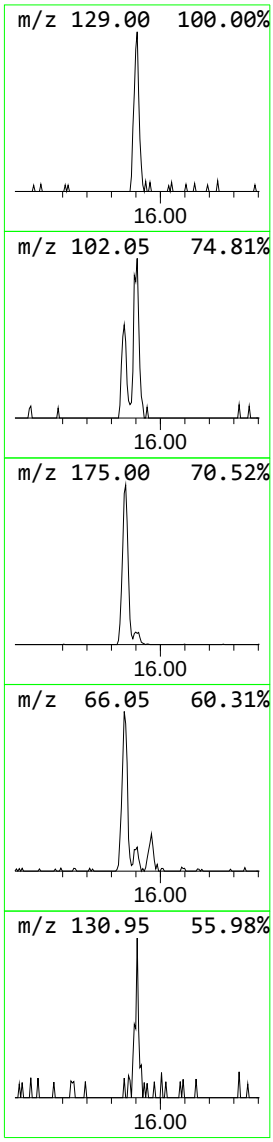
****

Peak Number 4 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.905	2.05 ng/ul	54486	Acenaphthene-d10	14.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinazoline, 6-nitro-	175	C8H5N3O2	007556-95-8	43
2	Acetic acid, 1-cyano-1-(1-cyclop...	193	C10H11NO3	1000156-29-2	22
3	1-(2-Cyanovinyl)aziridine-2-carb...	119	C6H5N3	1010191-13-8	22
4	m-Aminobenzenesulfonyl fluoride	175	C6H6FNO2S	000368-50-3	14
5	Ethylphenylpropiolate	174	C11H10O2	002216-94-6	10





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ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

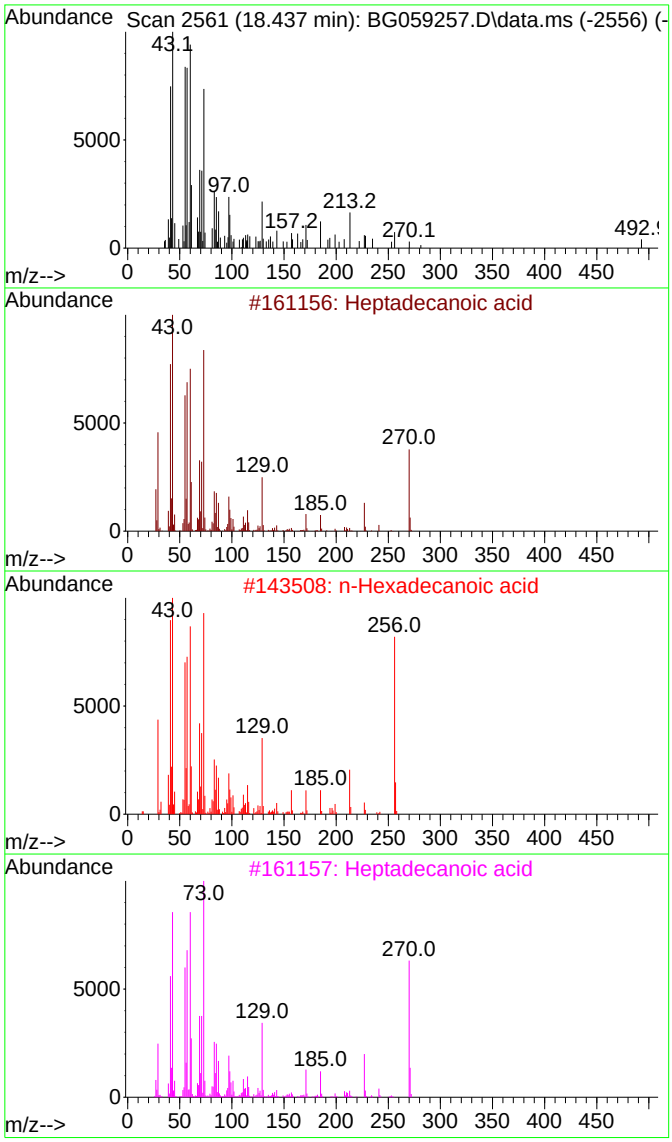
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

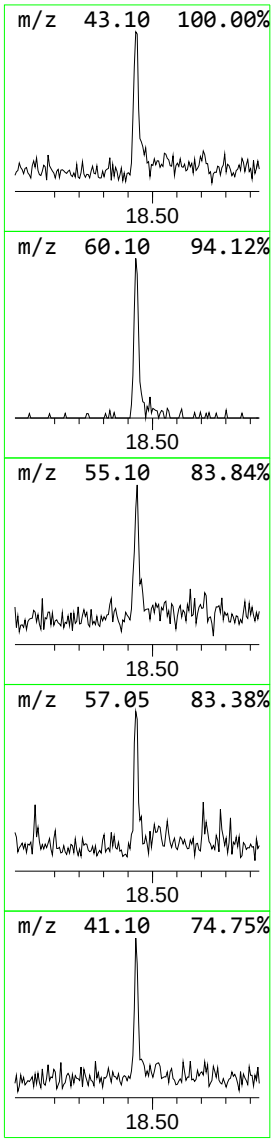
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.437	2.49 ng/ul	83897	Phenanthrene-d10	17.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid	270	C17H34O2	000506-12-7	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Heptadecanoic acid	270	C17H34O2	000506-12-7	81
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059257.D
Acq On : 29 Sep 2023 7:13
Operator : MA/JU
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.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...	4.841	183.2	ng/ul	2267420	1	8.231	247481	20.0
Hexanoic acid, ...	9.600	257.5	ng/ul	3186070	1	8.231	247481	20.0
unknown-01	12.726	4.7	ng/ul	89999	2	11.075	383877	20.0
unknown-02	15.905	2.0	ng/ul	54486	3	14.865	531186	20.0
Heptadecanoic acid	18.437	2.5	ng/ul	83897	4	17.615	673122	20.0