LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049476.D
Acq On : 28 Jan 2025 20:01
Operator : RC/JU
Sample : Q1188-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GCQC0

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_M\Methods\SFAM-EPA-BM012825.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM049476.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.122	19	23	31	rVB	42442	59860	0.78%	0.149%
2	3.516	87	90	101	rBV	50587	90074	1.17%	0.224%
3	3.816	137	141	149	rVB	82868	113691	1.48%	0.282%
4	3.910	154	157	161	rVB4	11612	18658	0.24%	0.046%
5	4.316	220	226	239	rBV	5360880	7679403	100.00%	19.065%
6	4.705	287	292	297	rVB2	24449	38072	0.50%	0.095%
7	5.940	498	502	507	rVB3	10678	15910	0.21%	0.039%
8	6.710	627	633	643	rVB2	163774	308671	4.02%	0.766%
9	6.863	653	659	670	rBV	490504	750804	9.78%	1.864%
10	7.051	685	691	703	rVB	559685	862896	11.24%	2.142%
11	7.198	711	716	722	rVB3	39183	58443	0.76%	0.145%
12	7.510	763	769	779	rBV	715345	1108710	14.44%	2.752%
13	8.222	884	890	901	rBV	393311	656585	8.55%	1.630%
14	8.657	957	964	976	rBV	495202	818382	10.66%	2.032%
15	9.098	1036	1039	1043	rVB2	17750	23629	0.31%	0.059%
16	9.245	1058	1064	1070	rBV3	13719	23832	0.31%	0.059%
17	9.369	1078	1085	1094	rBV	377318	616325	8.03%	1.530%
18	9.904	1170	1176	1196	rBV	581685	1021502	13.30%	2.536%
19	10.269	1231	1238	1250	rBV	842371	1378669	17.95%	3.423%
20	10.422	1256	1264	1277	rBV	388718	761647	9.92%	1.891%
21	11.881	1506	1512	1514	rBV5	7416	10501	0.14%	0.026%
22	12.769	1657	1663	1666	rBV5	5176	7750	0.10%	0.019%
23	13.575	1793	1800	1812	rBV	1184752	1581751	20.60%	3.927%
24	13.839	1838	1845	1855	rBV	1213728	1736647	22.61%	4.311%
25	14.151	1891	1898	1906	rBV	1238856	1715024	22.33%	4.258%
26	14.398	1933	1940	1948	rBV2	42116	116751	1.52%	0.290%
27	15.151	2061	2068	2079	rBV	1711607	2415242	31.45%	5.996%
28	15.280	2084	2090	2103	rVV	451965	645753	8.41%	1.603%
29	15.392	2107	2109	2113	rVB4	7419	9107	0.12%	0.023%
30	15.527	2126	2132	2141	rBV	404415	540203	7.03%	1.341%
31	16.098	2223	2229	2231	rVB4	5804	10385	0.14%	0.026%
32	16.692	2326	2330	2336	rBV3	7472	11350	0.15%	0.028%
33	16.792	2342	2347	2351	rVB2	15647	21720	0.28%	0.054%
34	16.904	2360	2366	2376	rBV	1496239	1949646	25.39%	4.840%
35	17.004	2377	2383	2398	rVV	1953601	2639629	34.37%	6.553%
36	17.110	2398	2401	2406	rVB6	5602	9854	0.13%	0.024%

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCQC0

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_M\Methods\SFAM-EPA-BM012825.MA.M
Title : SVOA CALIBRATION

37	17.698	2495	2501	2505	rBV9	5388	10493	0.14%	0.026%
38	17.827	2519	2523	2533	rBV	133771	220989	2.88%	0.549%
39	18.115	2568	2572	2575	rBV5	6164	10292	0.13%	0.026%
40	18.304	2599	2604	2611	rVB7	11433	20220	0.26%	0.050%
41	18.668	2663	2666	2670	rVB4	11425	16022	0.21%	0.040%
42	18.874	2697	2701	2705	rBV3	23063	32581	0.42%	0.081%
43	18.945	2708	2713	2716	rBV	22583	34002	0.44%	0.084%
44	18.998	2719	2722	2726	rBV5	21975	27758	0.36%	0.069%
45	19.121	2739	2743	2749	rBV2	28071	37210	0.48%	0.092%
46	19.309	2769	2775	2785	rBV	2703791	3437855	44.77%	8.535%
47	20.856	3034	3038	3052	rBV2	79516	183450	2.39%	0.455%
48	21.133	3080	3085	3095	rBV	1502912	2089592	27.21%	5.188%
49	23.721	3518	3525	3541	rVB	940821	2061667	26.85%	5.118%
50	23.909	3549	3557	3575	rBV	958488	2270930	29.57%	5.638%

Sum of corrected areas: 40280137

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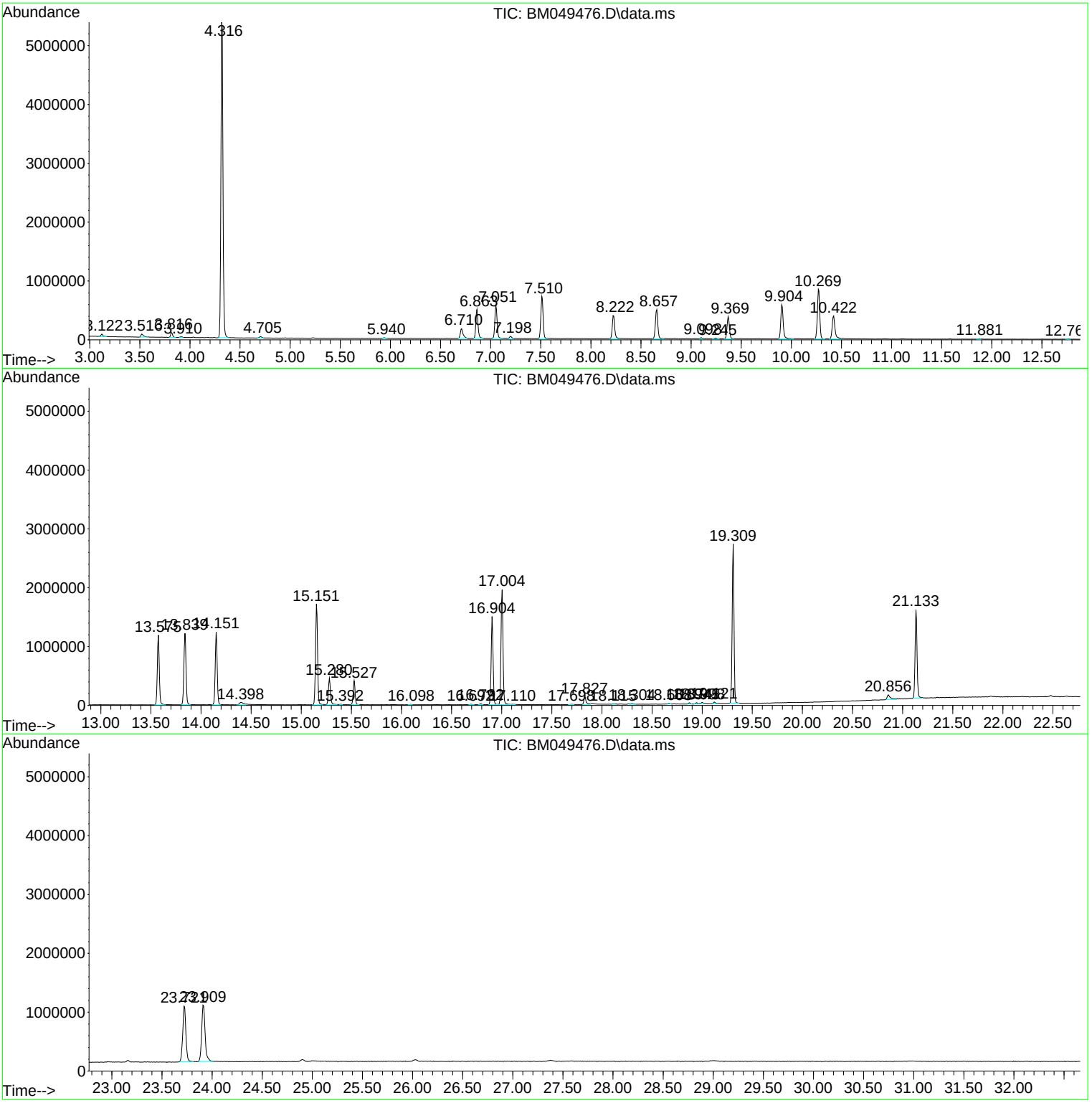
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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



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Operator : RC/JU
Sample : Q1188-03
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ALS Vial : 7 Sample Multiplier: 1

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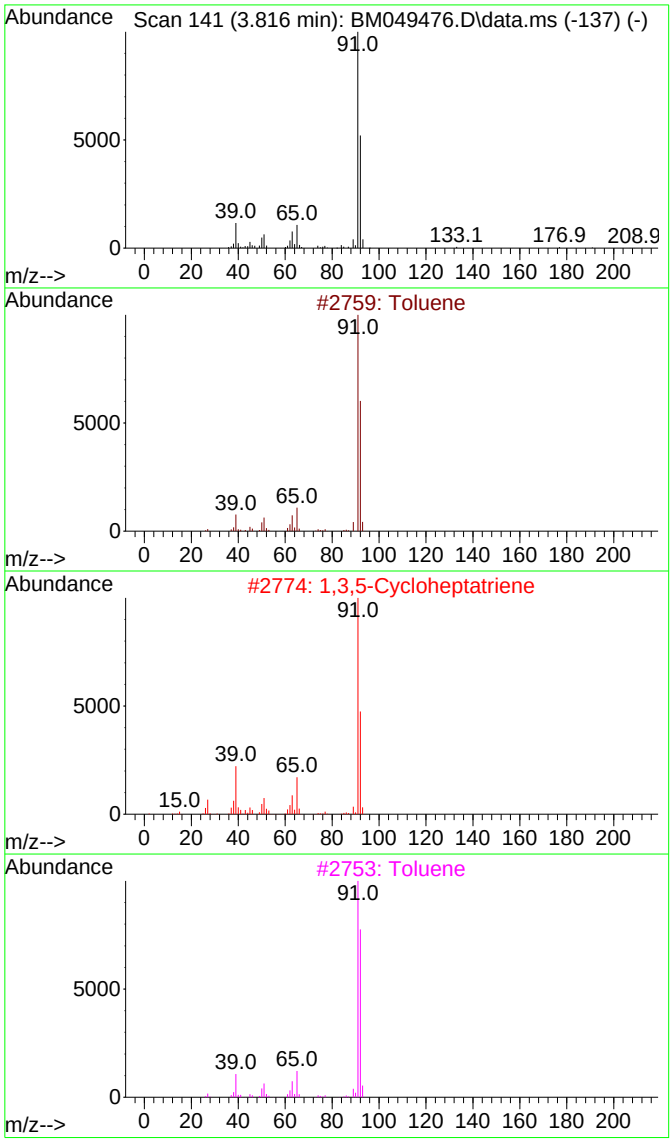
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

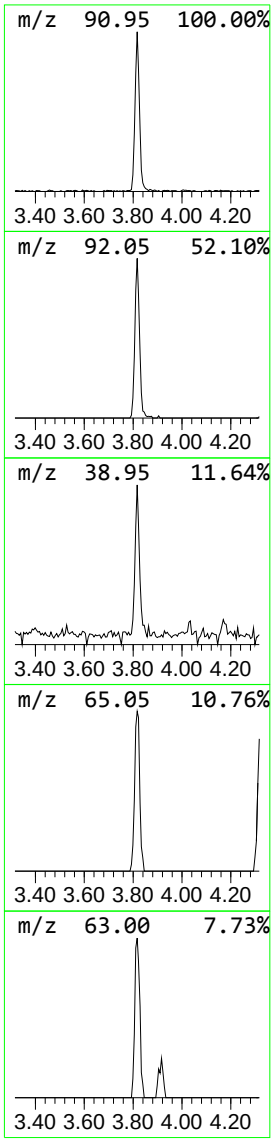
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Toluene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.816	2.05 ng/ul	113691	1,4-Dichlorobenzene-d4	7.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	90
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	83
3	Toluene	92	C7H8	000108-88-3	81
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	80
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	80





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Instrument :
BNA_M
ClientSampleId :
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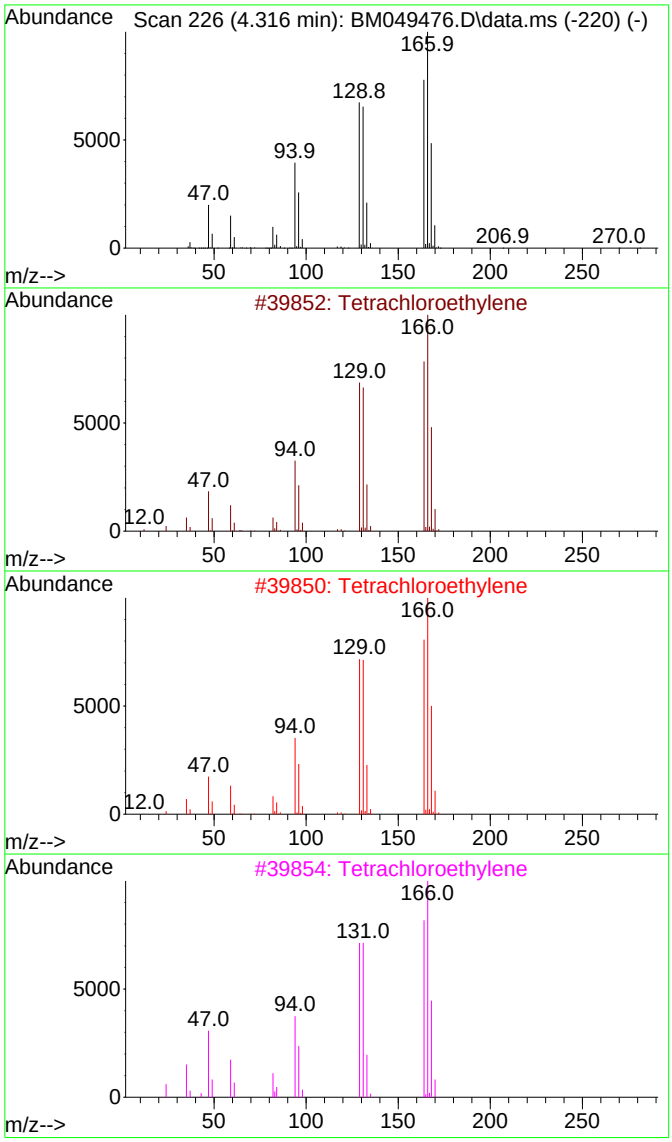
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

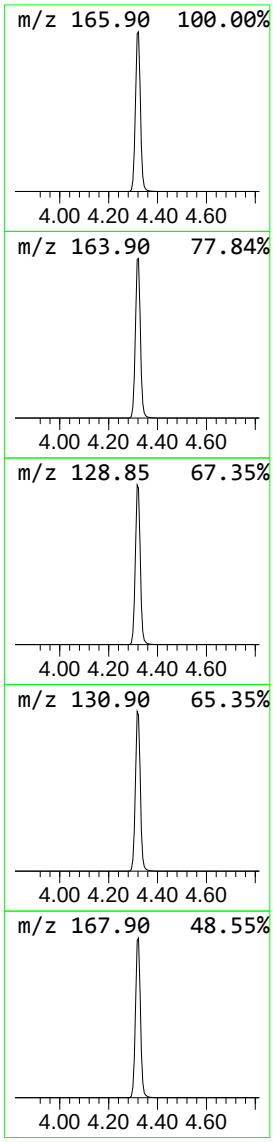
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.316	138.53 ng/ul	7679400	1,4-Dichlorobenzene-d4	7.510

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	96
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	38





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Sample : Q1188-03
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCQC0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

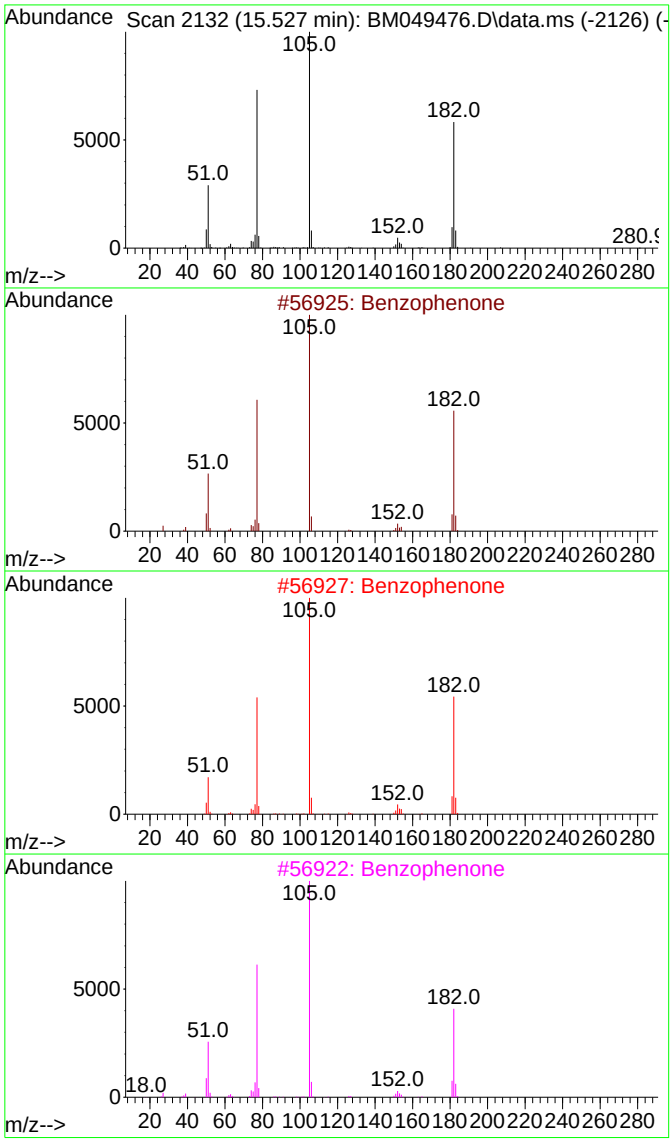
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

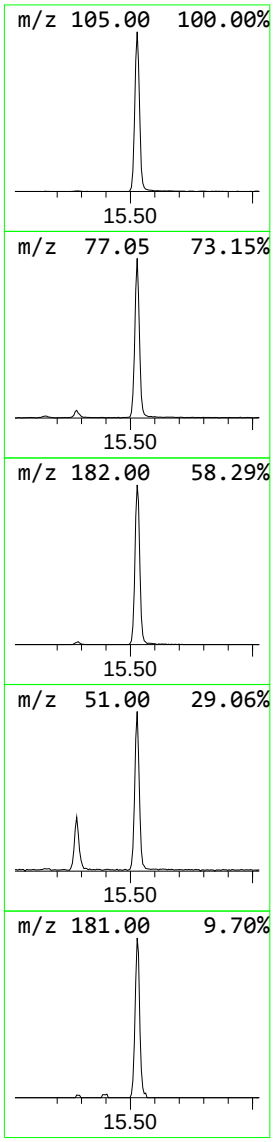
****

Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.527	6.30 ng/ul	540203	Acenaphthene-d10	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52





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Operator : RC/JU
Sample : Q1188-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCQC0

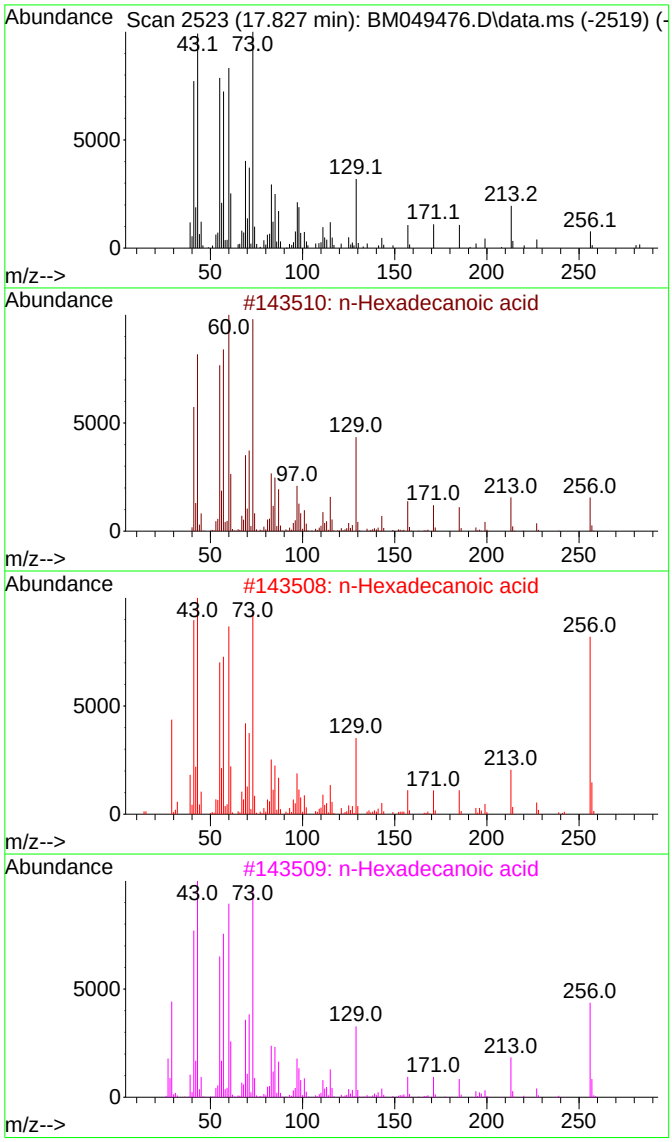
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

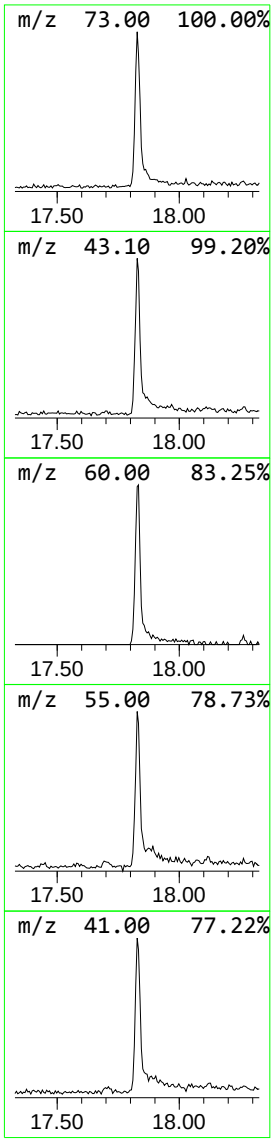
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.827	2.27 ng/ul	220989	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.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
Toluene	3.816	2.0	ng/ul	113691	1	7.510	1108710	20.0
Tetrachloroethy...	4.316	138.5	ng/ul	7679400	1	7.510	1108710	20.0
Benzophenone	15.527	6.3	ng/ul	540203	3	14.151	1715020	20.0
n-Hexadecanoic ...	17.827	2.3	ng/ul	220989	4	16.904	1949650	20.0