LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049474.D
Acq On : 28 Jan 2025 18:43
Operator : RC/JU
Sample : Q1188-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCQB8

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: BM049474.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	57018	77226	1.60%	0.175%
2	3.510	85	89	105	rVB	246083	382731	7.95%	0.869%
3	3.816	136	141	149	rVB	165792	218152	4.53%	0.495%
4	3.910	155	157	161	rBV4	11485	12913	0.27%	0.029%
5	4.316	220	226	241	rBV	1520138	2196069	45.62%	4.988%
6	4.705	287	292	299	rVB2	42272	62253	1.29%	0.141%
7	5.234	378	382	386	rBV4	8101	12420	0.26%	0.028%
8	5.940	499	502	507	rVB3	11796	14499	0.30%	0.033%
9	6.528	598	602	605	rBV6	4164	5894	0.12%	0.013%
10	6.557	605	607	612	rVB5	3831	4847	0.10%	0.011%
11	6.710	627	633	642	rBV	231278	392569	8.15%	0.892%
12	6.863	652	659	669	rBV	590658	902618	18.75%	2.050%
13	7.051	685	691	700	rBV	627633	981599	20.39%	2.230%
14	7.198	712	716	724	rVB	51108	75966	1.58%	0.173%
15	7.510	762	769	780	rBV	693871	1058637	21.99%	2.405%
16	7.598	780	784	788	rVB7	6759	11627	0.24%	0.026%
17	8.222	884	890	901	rBV	483732	813295	16.89%	1.847%
18	8.657	957	964	975	rBV	595551	986093	20.48%	2.240%
19	9.098	1034	1039	1044	rBV3	11449	18377	0.38%	0.042%
20	9.239	1061	1063	1068	rVB6	6165	7487	0.16%	0.017%
21	9.369	1078	1085	1095	rBV	452311	732619	15.22%	1.664%
22	9.634	1127	1130	1137	rBV8	7270	13388	0.28%	0.030%
23	9.904	1169	1176	1193	rBV	696371	1170436	24.31%	2.658%
24	10.275	1231	1239	1247	rBV	842691	1352935	28.10%	3.073%
25	10.416	1256	1263	1282	rBV	540857	1015393	21.09%	2.306%
26	11.098	1372	1379	1384	rBV6	21722	49217	1.02%	0.112%
27	11.722	1480	1485	1490	rBV7	3429	6152	0.13%	0.014%
28	11.822	1496	1502	1508	rBV2	27728	53268	1.11%	0.121%
29	11.869	1508	1510	1520	rVB6	11086	20130	0.42%	0.046%
30	12.163	1554	1560	1564	rBV7	3844	7792	0.16%	0.018%
31	12.445	1604	1608	1611	rBV6	4766	8111	0.17%	0.018%
32	13.122	1718	1723	1728	rBV7	2317	5324	0.11%	0.012%
33	13.575	1793	1800	1812	rBV	1392972	1943113	40.36%	4.413%
34	13.669	1812	1816	1819	rVV6	3422	5269	0.11%	0.012%
35	13.839	1838	1845	1857	rBV	1613147	2269074	47.14%	5.154%
36	14.151	1892	1898	1907	rVV	1277929	1749752	36.35%	3.974%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049474.D
Acq On : 28 Jan 2025 18:43
Operator : RC/JU
Sample : Q1188-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCQB8

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	14.386	1933	1938	1954	rBV	92613	254346	5.28%	0.578%
38	14.610	1972	1976	1978	rVB4	5465	6618	0.14%	0.015%
39	14.992	2036	2041	2044	rBV5	5675	11473	0.24%	0.026%
40	15.151	2061	2068	2081	rBV	2244088	3076476	63.91%	6.988%
41	15.280	2084	2090	2101	rBV	629863	857669	17.82%	1.948%
42	15.392	2106	2109	2115	rVB5	9307	13765	0.29%	0.031%
43	15.527	2126	2132	2142	rBV	273477	381355	7.92%	0.866%
44	16.092	2224	2228	2232	rVB	22218	29317	0.61%	0.067%
45	16.339	2264	2270	2276	rBV5	6623	12116	0.25%	0.028%
46	16.698	2327	2331	2334	rBV3	7711	10082	0.21%	0.023%
47	16.904	2360	2366	2376	rBV	1538283	2047207	42.53%	4.650%
48	17.004	2376	2383	2396	rVV	2828401	3808036	79.11%	8.649%
49	17.104	2399	2400	2405	rVB4	4685	5687	0.12%	0.013%
50	17.704	2498	2502	2506	rBV5	6377	8235	0.17%	0.019%
51	17.827	2518	2523	2531	rBV	143549	234353	4.87%	0.532%
52	17.904	2531	2536	2548	rVB	49338	92266	1.92%	0.210%
53	18.115	2569	2572	2576	rBV6	4615	5695	0.12%	0.013%
54	18.262	2595	2597	2600	rBV4	7657	9249	0.19%	0.021%
55	18.668	2663	2666	2670	rVB4	9531	13065	0.27%	0.030%
56	18.874	2696	2701	2707	rBV	28395	41177	0.86%	0.094%
57	18.945	2709	2713	2716	rBV	24722	34112	0.71%	0.077%
58	18.998	2719	2722	2731	rVV	76798	112014	2.33%	0.254%
59	19.121	2739	2743	2752	rBV3	46143	75311	1.56%	0.171%
60	19.309	2769	2775	2786	rVB	3824814	4813894	100.00%	10.934%
61	20.856	3034	3038	3044	rBV8	47578	97269	2.02%	0.221%
62	21.133	3080	3085	3094	rBV	1639131	2310971	48.01%	5.249%
63	23.727	3517	3526	3541	rBV	2149197	4519434	93.88%	10.265%
64	23.915	3550	3558	3575	rVB	1087320	2508705	52.11%	5.698%

Sum of corrected areas: 44027142

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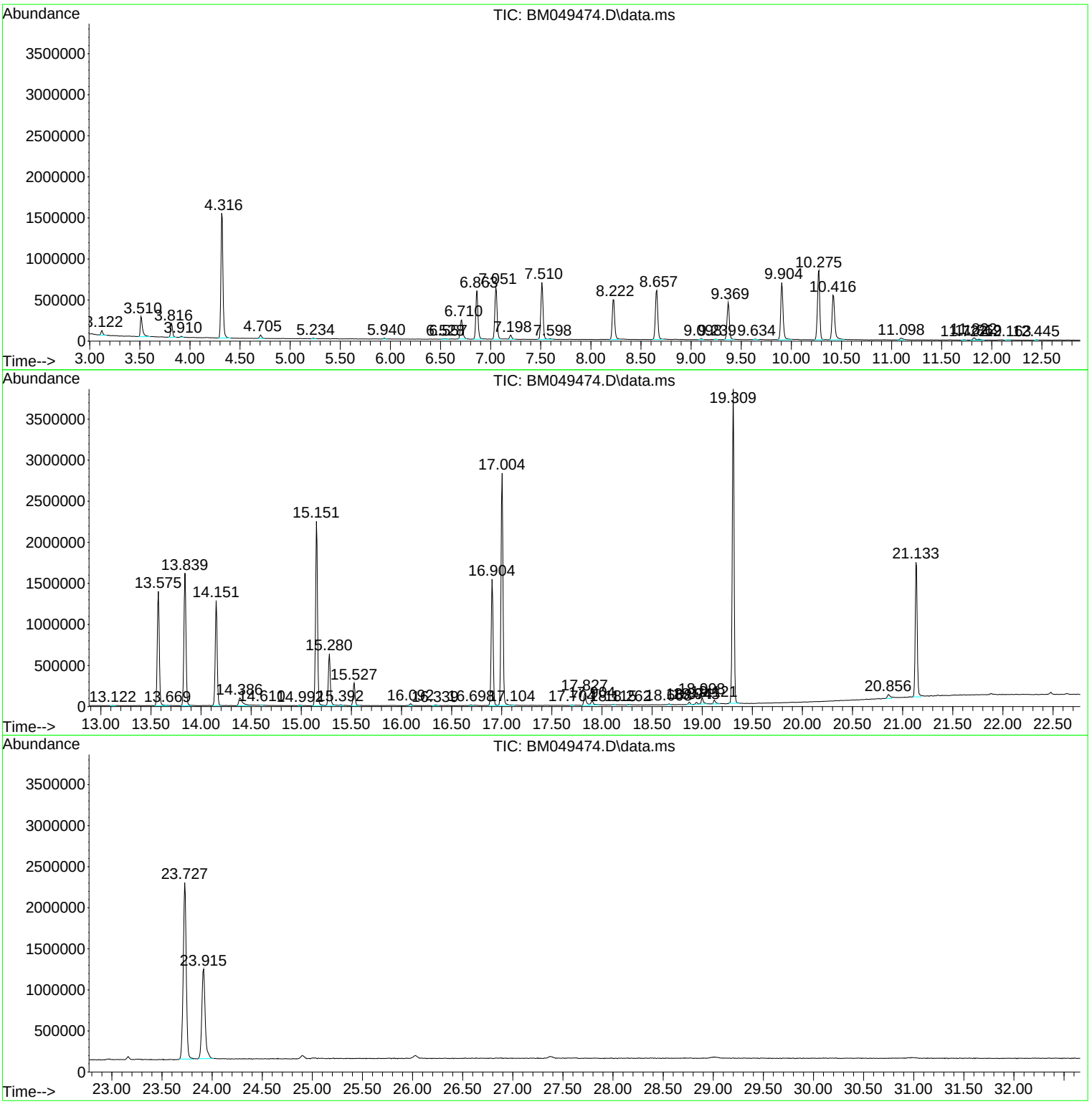
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCQB8

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049474.D
Acq On : 28 Jan 2025 18:43
Operator : RC/JU
Sample : Q1188-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCQB8

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

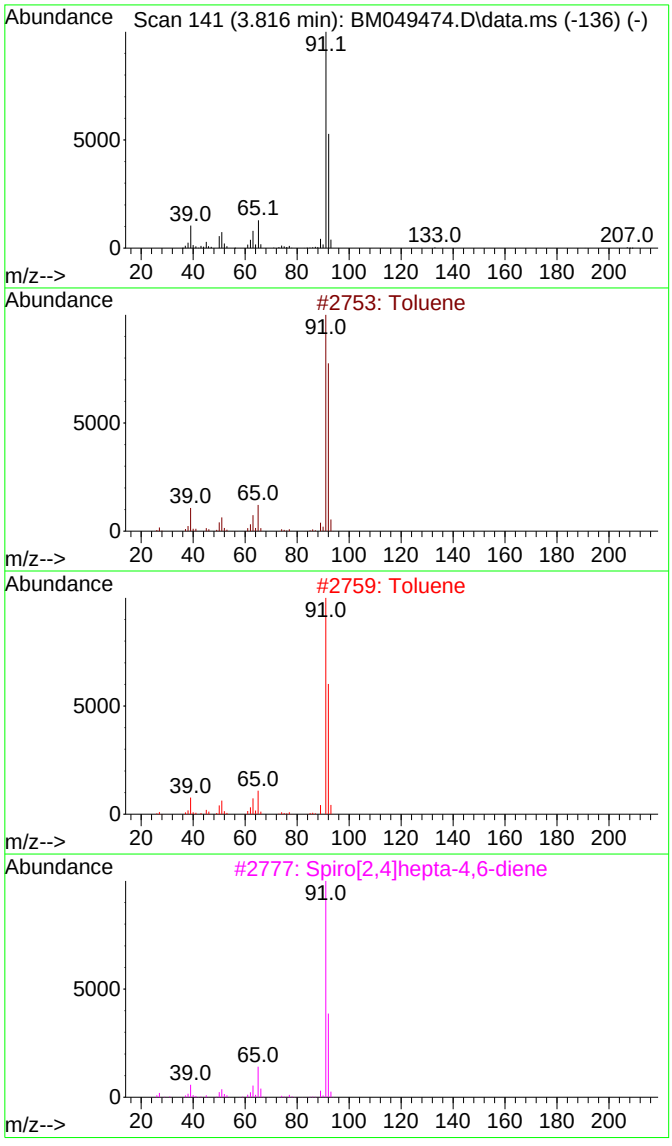
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

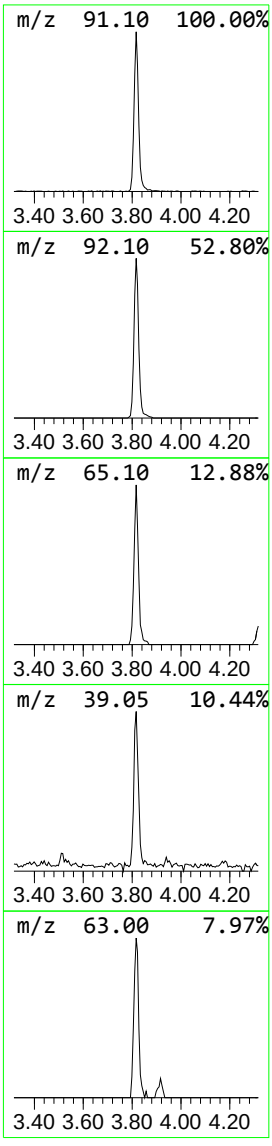
****

Peak Number 1 Toluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.816	4.12 ng/ul	218152	1,4-Dichlorobenzene-d4	7.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	Toluene	92	C7H8	000108-88-3	91
3	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	91
4	Toluene	92	C7H8	000108-88-3	91
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049474.D
Acq On : 28 Jan 2025 18:43
Operator : RC/JU
Sample : Q1188-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCQB8

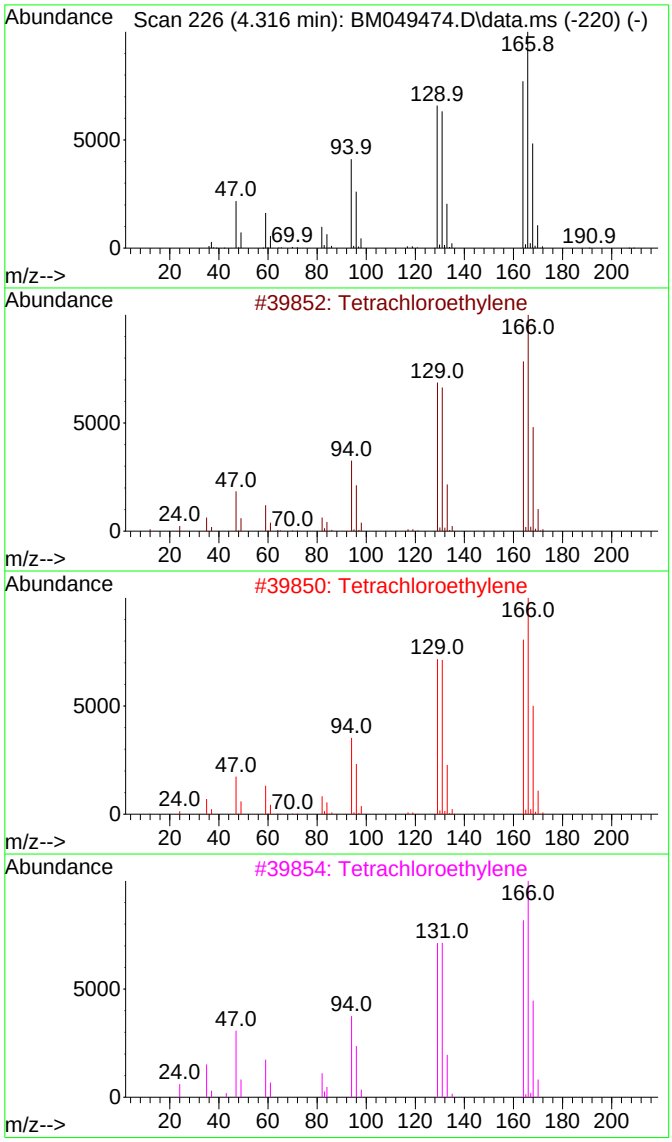
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

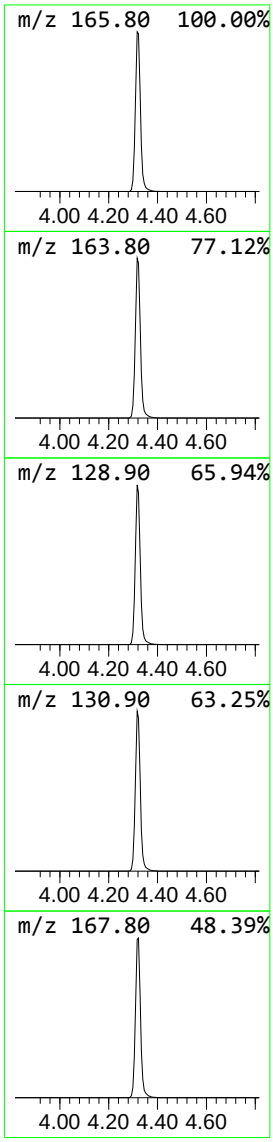
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.316	41.49 ng/ul	2196070	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	64
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049474.D
Acq On : 28 Jan 2025 18:43
Operator : RC/JU
Sample : Q1188-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCQB8

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

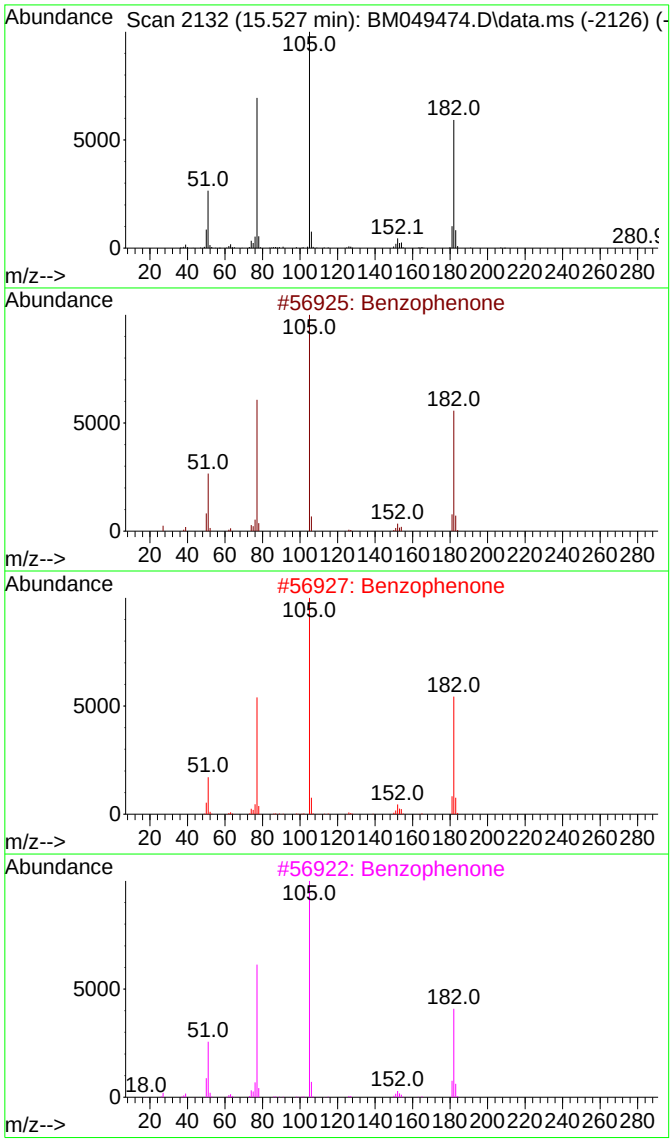
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

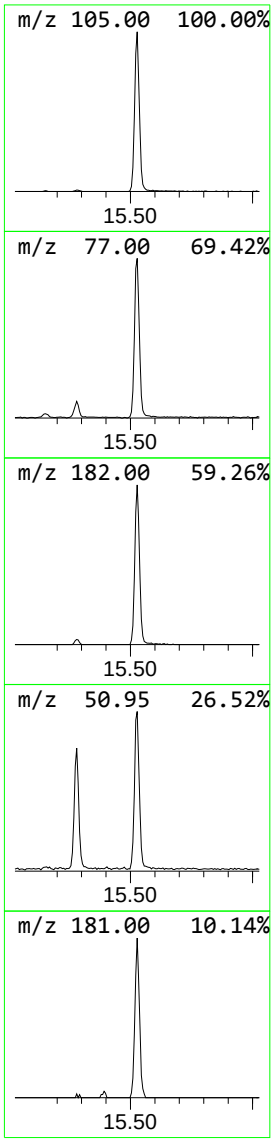
****

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.527	3.73 ng/ul	381355	Phenanthrene-d10	16.904

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	90
5	Azobenzene	182	C12H10N2	000103-33-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049474.D
Acq On : 28 Jan 2025 18:43
Operator : RC/JU
Sample : Q1188-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCQB8

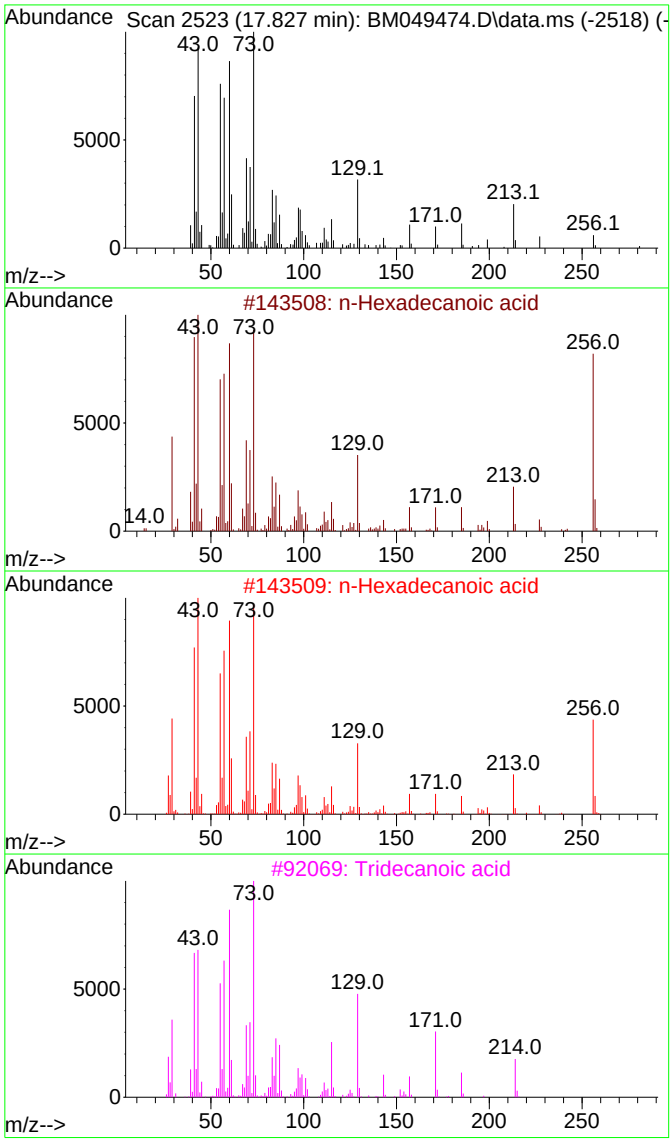
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

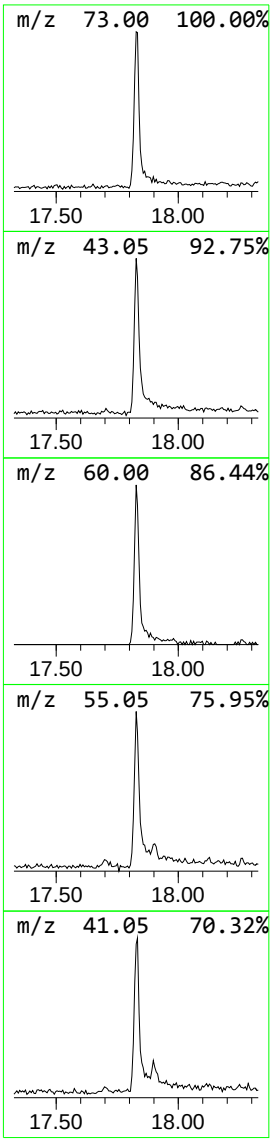
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.827	2.29 ng/ul	234353	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	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
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Operator : RC/JU
Sample : Q1188-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCQB8

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	4.1	ng/ul	218152	1	7.510	1058640	20.0
Tetrachloroethy...	4.316	41.5	ng/ul	2196070	1	7.510	1058640	20.0
Benzophenone	15.527	3.7	ng/ul	381355	4	16.904	2047210	20.0
n-Hexadecanoic ...	17.827	2.3	ng/ul	234353	4	16.904	2047210	20.0