LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
Data File : BM045010.D
Acq On : 07 Apr 2024 16:43
Operator : MA/JU
Sample : P1982-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YCSP9

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-BM040524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM045010.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.169	10	14	18	rBV	48928	64241	0.70%	0.184%
2	3.204	18	20	23	rVV	18619	23051	0.25%	0.066%
3	3.240	23	26	33	rVB	35739	51866	0.56%	0.149%
4	3.616	87	90	104	rBV	66215	131786	1.43%	0.378%
5	4.398	218	223	234	rBV	73625	115054	1.25%	0.330%
6	6.816	629	634	642	rVV	48726	90472	0.98%	0.260%
7	6.981	655	662	672	rBV	253430	424348	4.62%	1.218%
8	7.163	686	693	703	rBV	241124	400543	4.36%	1.149%
9	7.628	765	772	781	rBV	306193	492872	5.36%	1.414%
10	8.339	884	893	904	rBV	157377	292936	3.19%	0.841%
11	8.792	962	970	980	rBV	311332	544114	5.92%	1.561%
12	9.133	985	1028	1031	rBV	1377700	9188930	100.00%	26.368%
13	9.504	1084	1091	1099	rBV	276235	470945	5.13%	1.351%
14	9.739	1120	1131	1147	rBV	131396	338154	3.68%	0.970%
15	10.033	1174	1181	1194	rBV	371722	690865	7.52%	1.982%
16	10.404	1235	1244	1253	rVB	444097	753476	8.20%	2.162%
17	10.563	1264	1271	1288	rBV	295049	597761	6.51%	1.715%
18	11.239	1378	1386	1390	rBV6	4274	9701	0.11%	0.028%
19	11.351	1396	1405	1417	rBV	75755	181851	1.98%	0.522%
20	12.004	1512	1516	1521	rVB5	6907	11410	0.12%	0.033%
21	13.174	1709	1715	1720	rVB7	6644	11182	0.12%	0.032%
22	13.704	1798	1805	1813	rVV	788494	1122969	12.22%	3.222%
23	13.968	1843	1850	1858	rBV	984976	1412224	15.37%	4.052%
24	14.121	1866	1876	1885	rBV	532681	1009427	10.99%	2.897%
25	14.274	1896	1902	1912	rVV	712053	1062651	11.56%	3.049%
26	14.539	1941	1947	1954	rVV3	27832	75960	0.83%	0.218%
27	14.604	1954	1958	1970	rVV2	36957	88241	0.96%	0.253%
28	14.721	1974	1978	1983	rVB6	8079	12690	0.14%	0.036%
29	15.039	2027	2032	2044	rBV2	22598	75742	0.82%	0.217%
30	15.133	2044	2048	2053	rVB7	9406	16358	0.18%	0.047%
31	15.280	2066	2073	2084	rBV	1321310	1863427	20.28%	5.347%
32	15.421	2090	2097	2105	rBV	358138	527962	5.75%	1.515%
33	16.004	2189	2196	2200	rBV6	12141	20673	0.22%	0.059%
34	16.804	2328	2332	2335	rBV	19431	24929	0.27%	0.072%
35	17.033	2363	2371	2380	rVV	882532	1281763	13.95%	3.678%
36	17.139	2382	2389	2400	rVV	1467380	2152404	23.42%	6.176%

LSC Area Percent Report

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Data File : BM045010.D
Acq On : 07 Apr 2024 16:43
Operator : MA/JU
Sample : P1982-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YCSP9

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-BM040524.MA.M
Title : SVOA CALIBRATION

37	17.545	2450	2458	2463	rBV2	27041	48952	0.53%	0.140%
38	17.639	2468	2474	2479	rVB	7310	11951	0.13%	0.034%
39	17.727	2483	2489	2492	rVB	45670	59838	0.65%	0.172%
40	17.945	2522	2526	2533	rBV4	30154	47438	0.52%	0.136%
41	18.239	2571	2576	2582	rBV	30577	39234	0.43%	0.113%
42	18.880	2681	2685	2688	rBV	24618	31227	0.34%	0.090%
43	19.003	2701	2706	2710	rBV3	22151	32812	0.36%	0.094%
44	19.045	2710	2713	2716	rVV2	18538	20811	0.23%	0.060%
45	19.074	2716	2718	2723	rVB2	10073	13419	0.15%	0.039%
46	19.239	2742	2746	2752	rBV6	28128	42152	0.46%	0.121%
47	19.439	2774	2780	2789	rBV	1948553	2682204	29.19%	7.697%
48	19.598	2803	2807	2813	rBV	53446	68751	0.75%	0.197%
49	20.003	2873	2876	2879	rBV2	18505	20471	0.22%	0.059%
50	20.980	3038	3042	3047	rBV	96124	108085	1.18%	0.310%
51	21.244	3082	3087	3096	rBV	1085755	1420711	15.46%	4.077%
52	21.856	3187	3191	3195	rVB2	102286	127058	1.38%	0.365%
53	23.321	3434	3440	3447	rBV2	1567205	2839030	30.90%	8.147%
54	23.462	3458	3464	3474	rVB	847791	1601390	17.43%	4.595%

Sum of corrected areas: 34848512

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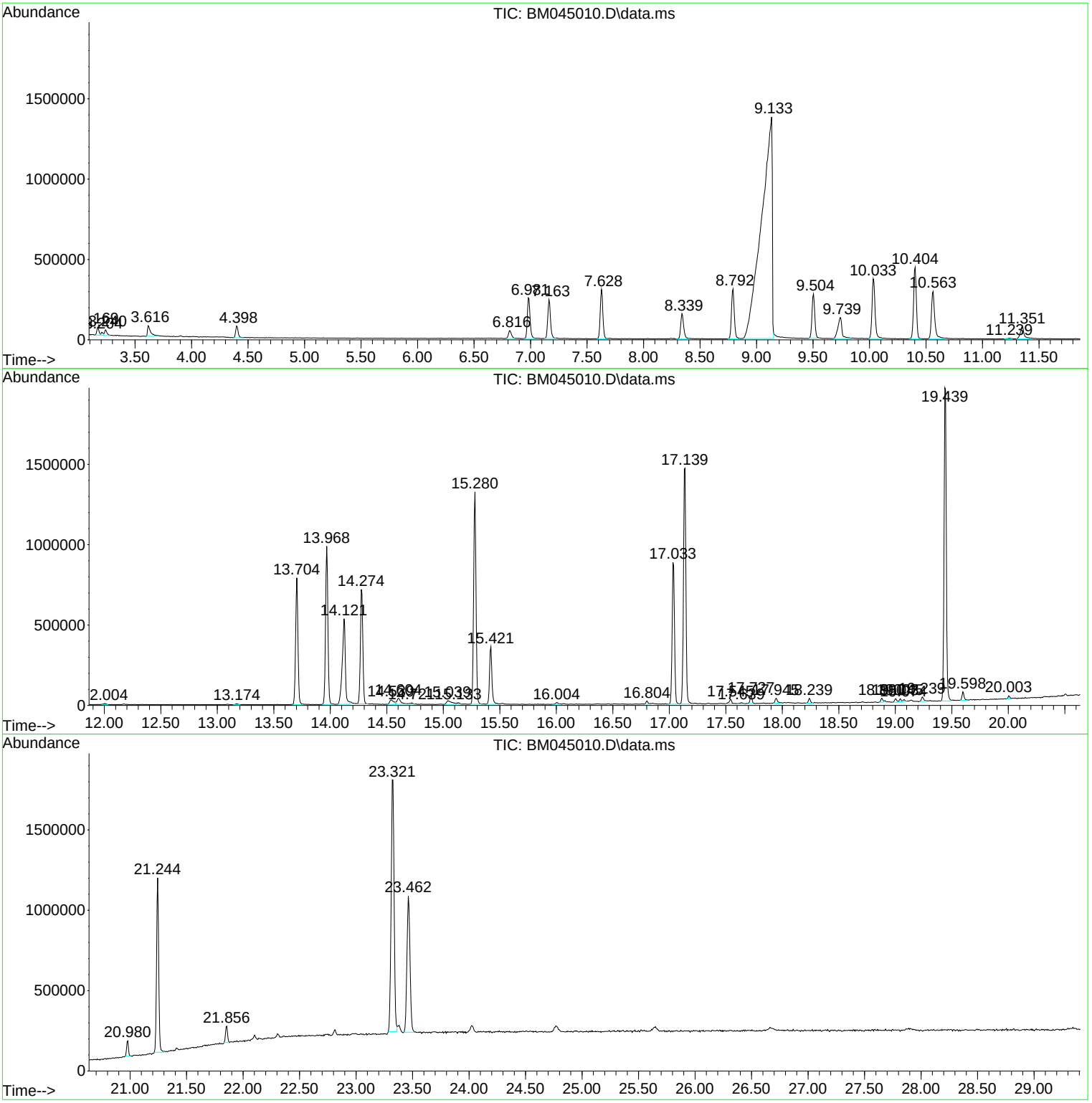
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YCSP9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.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\BM040724\
Data File : BM045010.D
Acq On : 07 Apr 2024 16:43
Operator : MA/JU
Sample : P1982-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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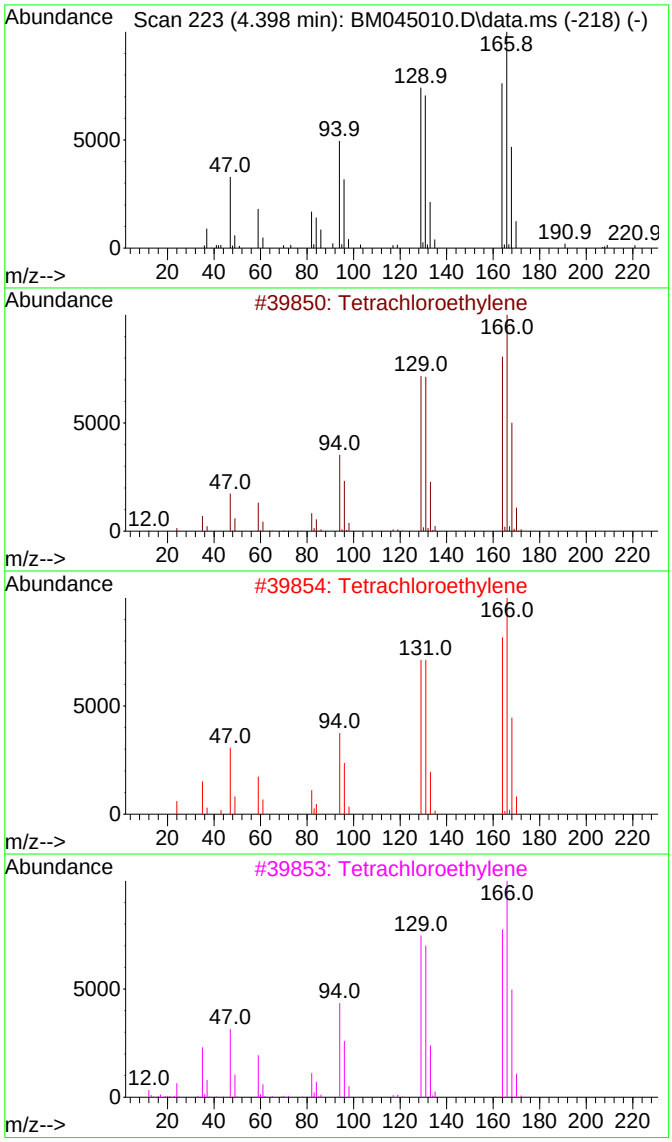
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

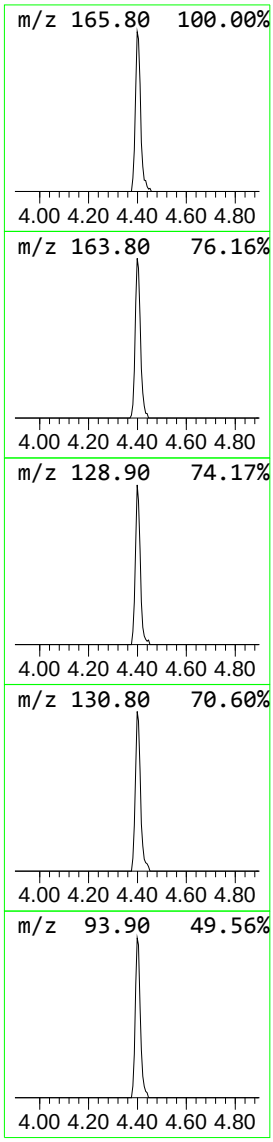
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Tetrachloroethylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.398	4.67 ng/ul	115054	1,4-Dichlorobenzene-d4	7.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	95
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	94
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	38





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Data File : BM045010.D
Acq On : 07 Apr 2024 16:43
Operator : MA/JU
Sample : P1982-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YCSP9

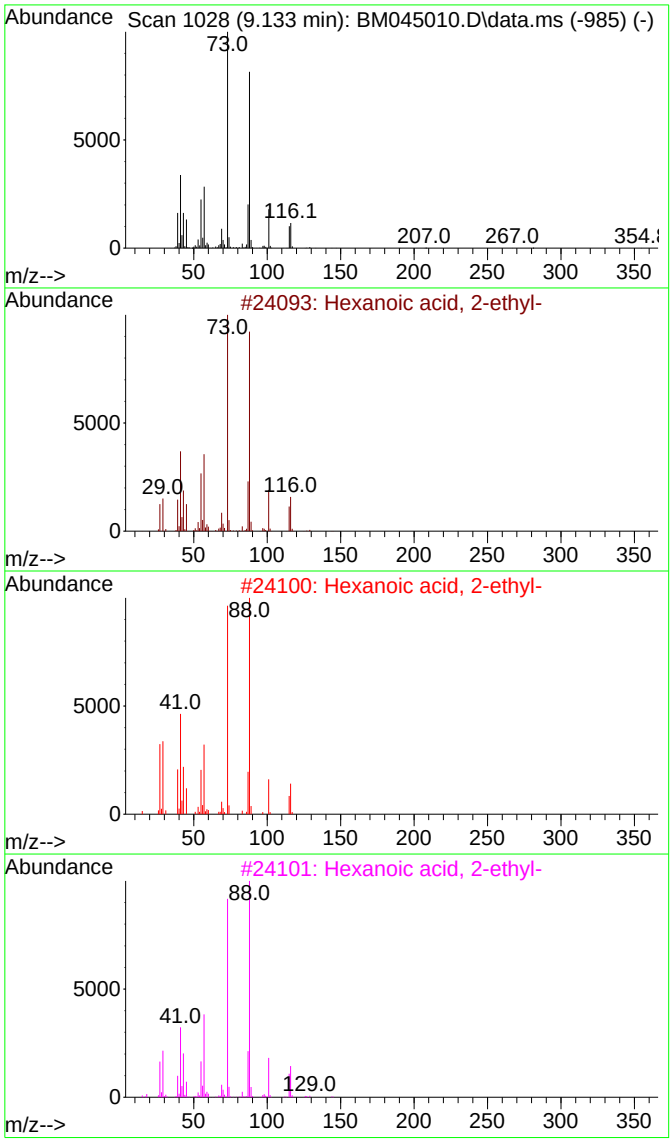
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

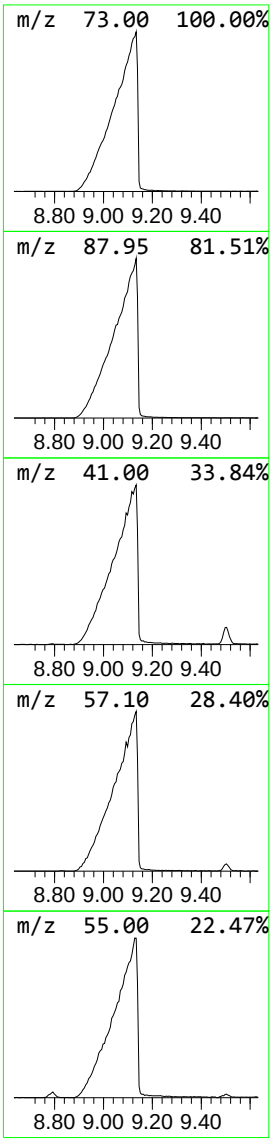
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.133	243.91 ng/ul	9188930	Naphthalene-d8	10.404

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	90
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
Data File : BM045010.D
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Operator : MA/JU
Sample : P1982-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YCSP9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

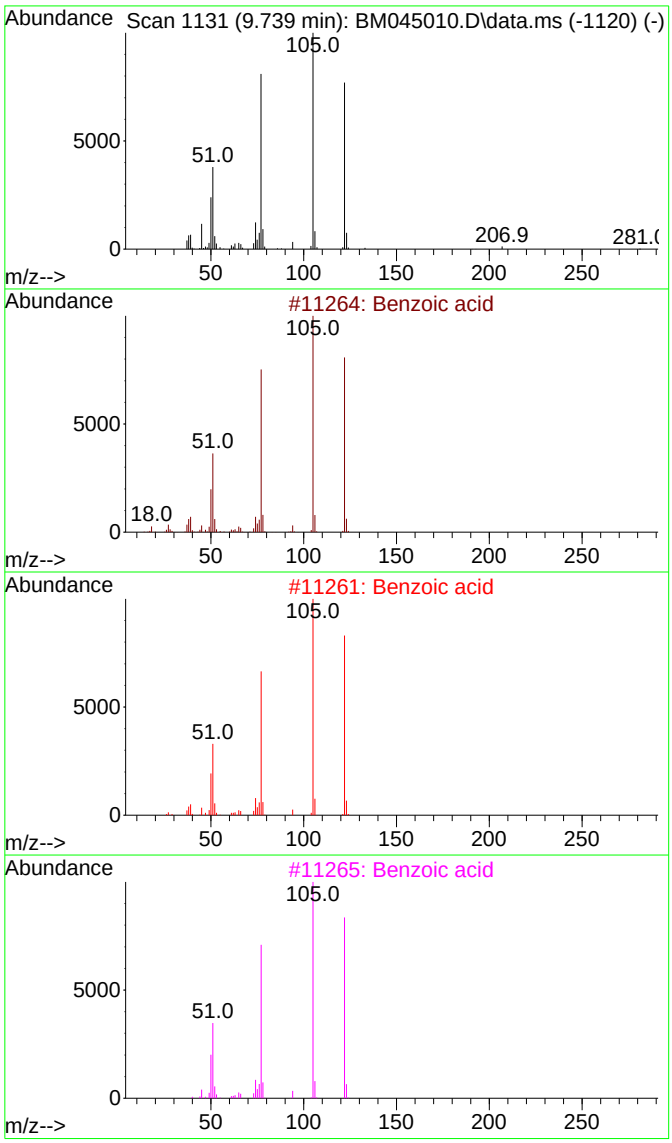
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

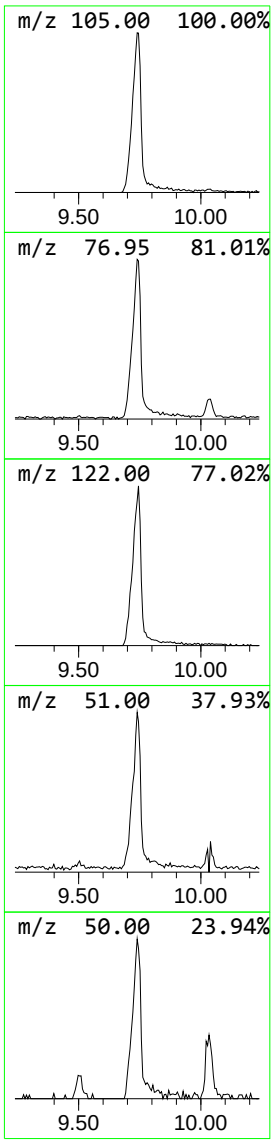
****

Peak Number 3 Benzoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.739	8.98 ng/ul	338154	Naphthalene-d8	10.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid	122	C7H6O2	000065-85-0	96
2	Benzoic acid	122	C7H6O2	000065-85-0	96
3	Benzoic acid	122	C7H6O2	000065-85-0	96
4	Benzoic acid	122	C7H6O2	000065-85-0	93
5	Heptanediamide, N,N'-di-benzoyloxy-	398	C21H22N2O6	1000253-26-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
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Sample : P1982-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YCSP9

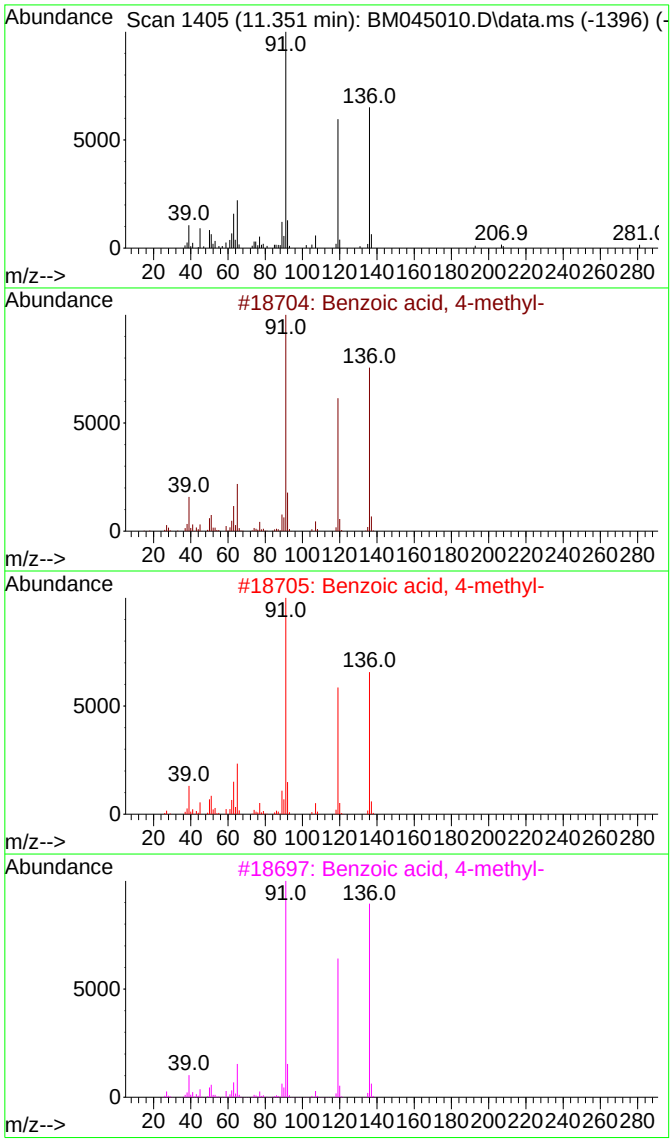
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

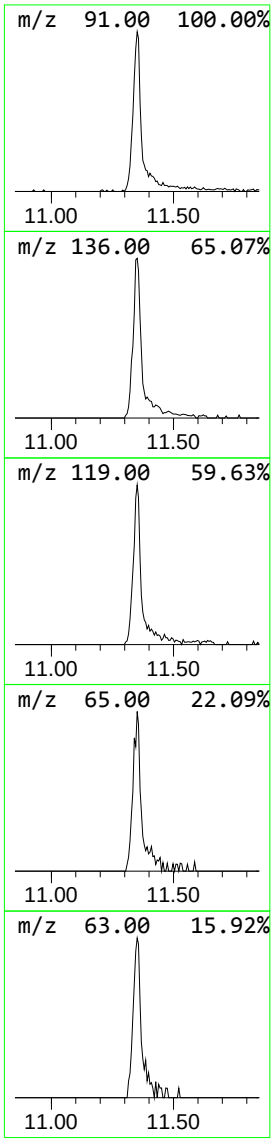
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzoic acid, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.351	4.83 ng/ul	181851	Naphthalene-d8	10.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	96
2	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	96
3	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	90
4	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	90
5	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	72





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Sample : P1982-03
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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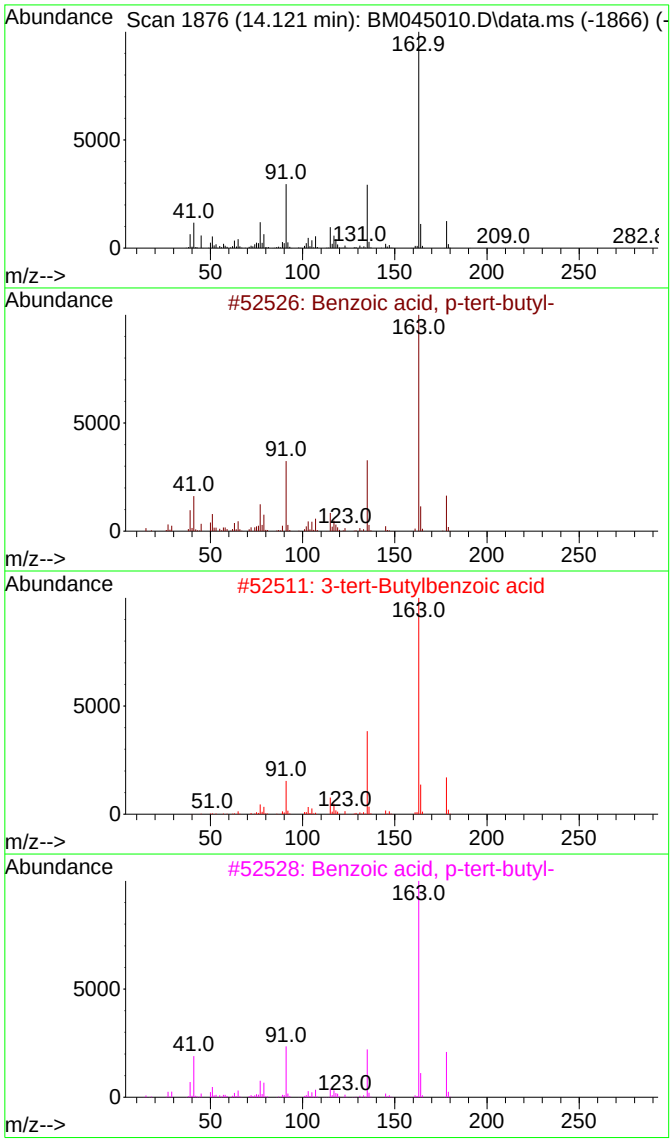
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

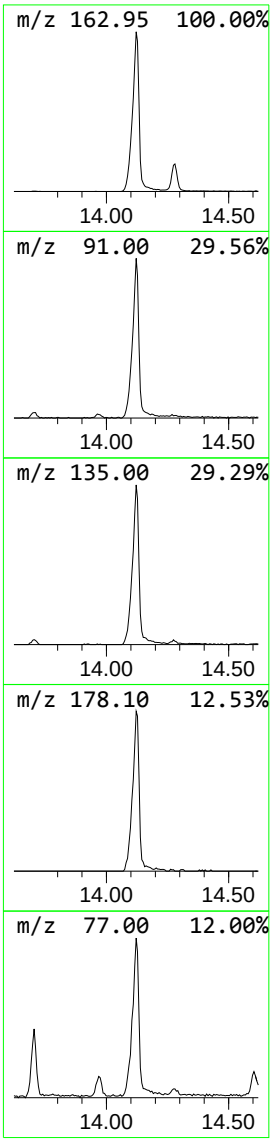
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzoic acid, p-tert-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.121	19.00 ng/ul	1009430	Acenaphthene-d10	14.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	96
2	3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	93
3	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	93
4	Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	64
5	Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	64





Tentatively Identified Compound (LSC) summary

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Instrument :
BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.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...	4.398	4.7	ng/ul	115054	1	7.628	492872	20.0
Hexanoic acid, ...	9.133	243.9	ng/ul	9188930	2	10.404	753476	20.0
Benzoic acid	9.739	9.0	ng/ul	338154	2	10.404	753476	20.0
Benzoic acid, 4...	11.351	4.8	ng/ul	181851	2	10.404	753476	20.0
Benzoic acid, p...	14.121	19.0	ng/ul	1009430	3	14.274	1062650	20.0