LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
Data File : BP016933.D
Acq On : 02 Sep 2023 06:02
Operator : MA/JU
Sample : 04209-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BH484

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_P\Methods\SFAM-EPA-BP082423.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016933.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.369	10	14	23	rVB	74144	114575	0.84%	0.084%
2	3.811	85	89	105	rBV	415701	689432	5.07%	0.506%
3	4.005	118	122	127	rVB2	42511	61961	0.46%	0.046%
4	4.122	138	142	148	rVB	19568	26734	0.20%	0.020%
5	5.058	297	301	307	rVB	18102	26640	0.20%	0.020%
6	7.163	652	659	668	rBV	336918	543044	4.00%	0.399%
7	7.352	683	691	702	rBV	1364986	2111736	15.54%	1.551%
8	7.534	715	722	735	rBV	1255175	1975177	14.53%	1.451%
9	8.016	796	804	815	rBV	1280247	2028342	14.93%	1.490%
10	8.722	915	924	936	rBV	1008744	1632512	12.01%	1.199%
11	9.210	998	1007	1013	rBV	1617030	2707690	19.92%	1.989%
12	9.334	1013	1028	1040	rVV	1390315	4444554	32.70%	3.264%
13	9.428	1040	1044	1054	rVB2	22781	52521	0.39%	0.039%
14	9.928	1121	1129	1138	rBV	1347355	2192556	16.13%	1.610%
15	10.151	1146	1167	1193	rBV	1056692	3885053	28.59%	2.853%
16	10.369	1199	1204	1209	rVB9	7316	14773	0.11%	0.011%
17	10.451	1211	1218	1229	rBV	1920255	3204939	23.58%	2.354%
18	10.846	1274	1285	1293	rBV	1930362	3204260	23.58%	2.353%
19	11.004	1302	1312	1324	rBV	1988503	3418593	25.16%	2.511%
20	11.204	1338	1346	1352	rVB6	32647	68980	0.51%	0.051%
21	11.534	1397	1402	1408	rBV7	9685	17463	0.13%	0.013%
22	11.604	1408	1414	1416	rBV2	53642	97870	0.72%	0.072%
23	11.628	1416	1418	1427	rVB2	51495	78016	0.57%	0.057%
24	11.810	1427	1449	1464	rBV	1373149	4566128	33.60%	3.353%
25	12.422	1547	1553	1560	rVB2	39033	62604	0.46%	0.046%
26	12.545	1569	1574	1583	rVB7	11991	21546	0.16%	0.016%
27	12.992	1645	1650	1654	rBV8	7546	13606	0.10%	0.010%
28	13.122	1669	1672	1679	rVB5	10523	16162	0.12%	0.012%
29	13.422	1719	1723	1732	rBV2	29327	47284	0.35%	0.035%
30	13.516	1732	1739	1749	rVV	71661	118495	0.87%	0.087%
31	13.628	1754	1758	1766	rVV6	8476	14443	0.11%	0.011%
32	13.828	1786	1792	1804	rBV3	23228	72682	0.53%	0.053%
33	14.081	1828	1835	1846	rBV	4437833	6037605	44.43%	4.434%
34	14.369	1877	1884	1891	rVV2	4708349	6845770	50.37%	5.028%
35	14.510	1892	1908	1929	rVV	4631317	13590029	100.00%	9.981%
36	14.669	1929	1935	1944	rVV	3141553	4695802	34.55%	3.449%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
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Acq On : 02 Sep 2023 06:02
Operator : MA/JU
Sample : 04209-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH484

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_P\Methods\SFAM-EPA-BP082423.MA.M
Title : SVOA CALIBRATION

37	14.734	1944	1946	1952	rVV7	11829	21178	0.16%	0.016%
38	14.792	1952	1956	1960	rVB7	9797	15706	0.12%	0.012%
39	14.881	1965	1971	1983	rVV	438334	736166	5.42%	0.541%
40	14.975	1983	1987	1995	rVV2	57417	125079	0.92%	0.092%
41	15.063	1997	2002	2006	rVV3	37620	78651	0.58%	0.058%
42	15.098	2006	2008	2015	rVB6	21819	33841	0.25%	0.025%
43	15.398	2054	2059	2066	rBV	155286	258476	1.90%	0.190%
44	15.451	2066	2068	2076	rVB5	18682	29902	0.22%	0.022%
45	15.669	2097	2105	2112	rBV	6570204	9254733	68.10%	6.797%
46	15.792	2120	2126	2136	rBV	2345249	3153949	23.21%	2.316%
47	15.904	2141	2145	2152	rVB2	30724	44711	0.33%	0.033%
48	16.322	2212	2216	2222	rVB4	16440	26115	0.19%	0.019%
49	16.451	2234	2238	2242	rBV7	9919	14828	0.11%	0.011%
50	16.786	2292	2295	2299	rBV5	11338	13824	0.10%	0.010%
51	16.922	2315	2318	2324	rVB5	15924	19357	0.14%	0.014%
52	17.122	2345	2352	2358	rBV3	90344	170059	1.25%	0.125%
53	17.228	2365	2370	2377	rBV3	15338	37371	0.27%	0.027%
54	17.439	2399	2406	2415	rBV	4141439	5657720	41.63%	4.155%
55	17.539	2416	2423	2435	rVV	7484689	10821026	79.62%	7.947%
56	17.869	2475	2479	2485	rVB	27714	33403	0.25%	0.025%
57	17.992	2496	2500	2506	rBV	42662	58794	0.43%	0.043%
58	18.057	2507	2511	2517	rVV2	29773	41404	0.30%	0.030%
59	18.275	2543	2548	2558	rBV	507102	803185	5.91%	0.590%
60	18.539	2590	2593	2600	rVB3	37450	45472	0.33%	0.033%
61	19.151	2694	2697	2700	rBV3	44724	57845	0.43%	0.042%
62	19.345	2726	2730	2735	rBV2	95308	130328	0.96%	0.096%
63	19.416	2738	2742	2750	rVB	96289	137923	1.01%	0.101%
64	19.510	2754	2758	2764	rBV	231179	332776	2.45%	0.244%
65	19.645	2779	2781	2787	rBV3	29244	30972	0.23%	0.023%
66	19.774	2797	2803	2809	rBV	9350848	12554950	92.38%	9.221%
67	21.198	3041	3045	3055	rVB2	645122	1148657	8.45%	0.844%
68	21.539	3098	3103	3110	rVB	4312899	5611924	41.29%	4.122%
69	23.939	3503	3511	3526	rVB2	5089074	10781809	79.34%	7.918%
70	24.104	3532	3539	3549	rVB	2488333	5178407	38.10%	3.803%

Sum of corrected areas: 136160118

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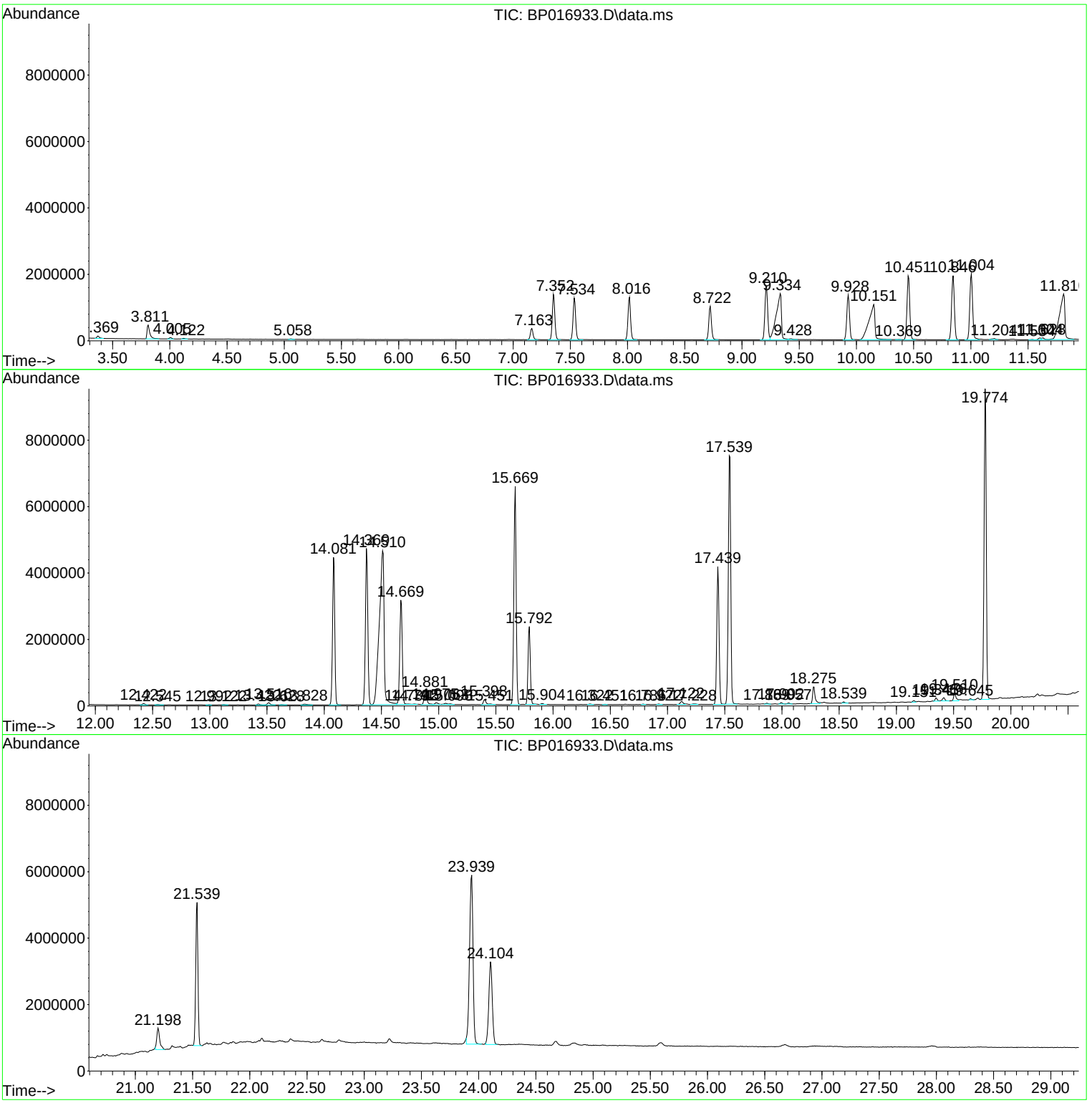
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH484

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
Data File : BP016933.D
Acq On : 02 Sep 2023 06:02
Operator : MA/JU
Sample : 04209-10
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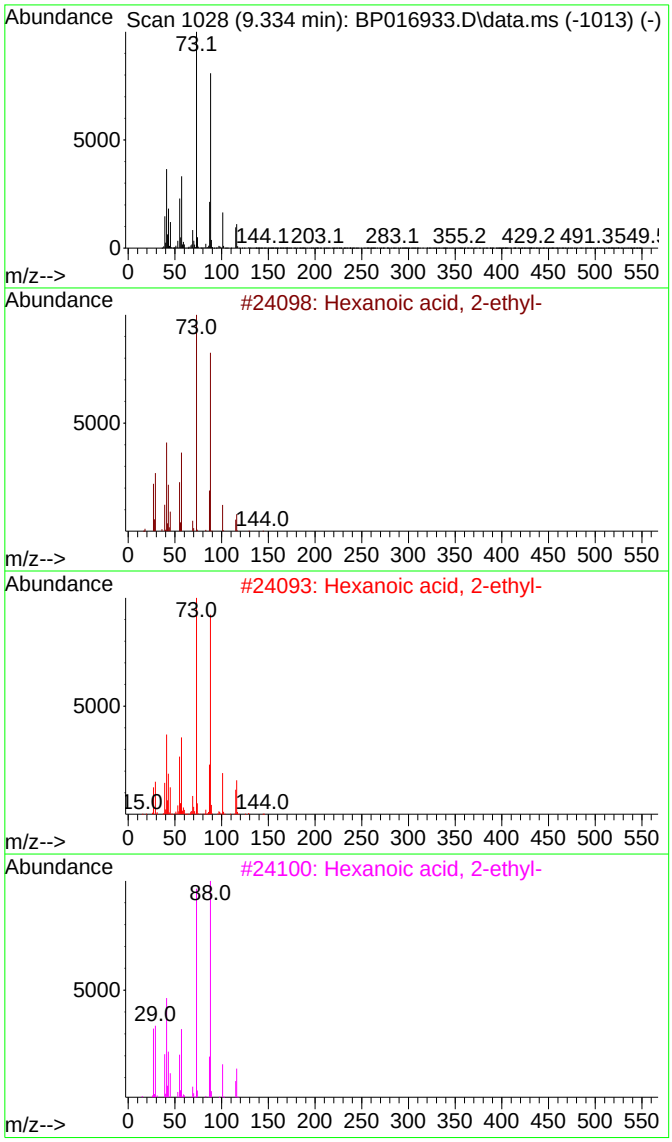
Quant Title : SVOA CALIBRATION

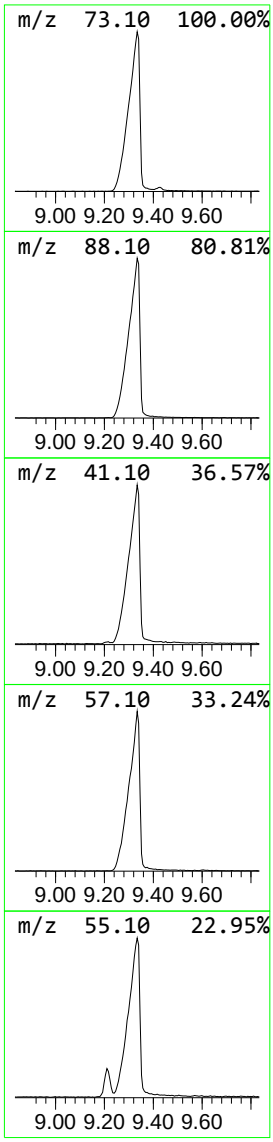
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.334	43.82 ng/ul	4444550	1,4-Dichlorobenzene-d4	8.016

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	90
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
Data File : BP016933.D
Acq On : 02 Sep 2023 06:02
Operator : MA/JU
Sample : 04209-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH484

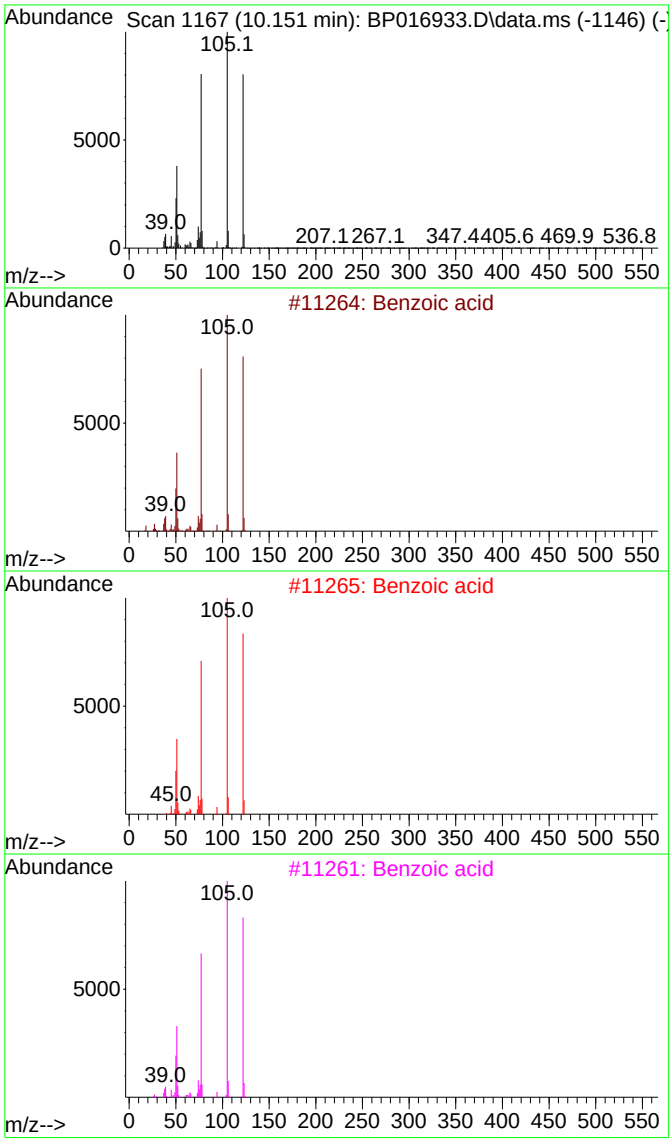
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

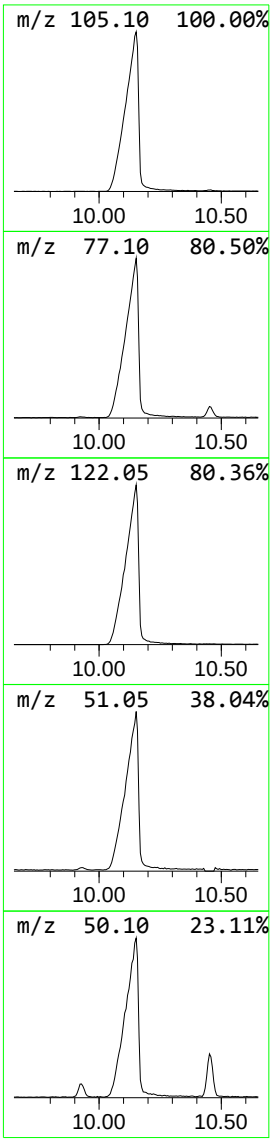
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.151	24.25 ng/ul	3885050	Naphthalene-d8	10.845

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	Heptanediamide, N,N'-di-benzoyloxy-	398	C21H22N2O6	1000253-26-4	91
5	Cyclobutane-1,1-dicarboxamide, N...	382	C20H18N2O6	1000253-25-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
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Acq On : 02 Sep 2023 06:02
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Sample : 04209-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH484

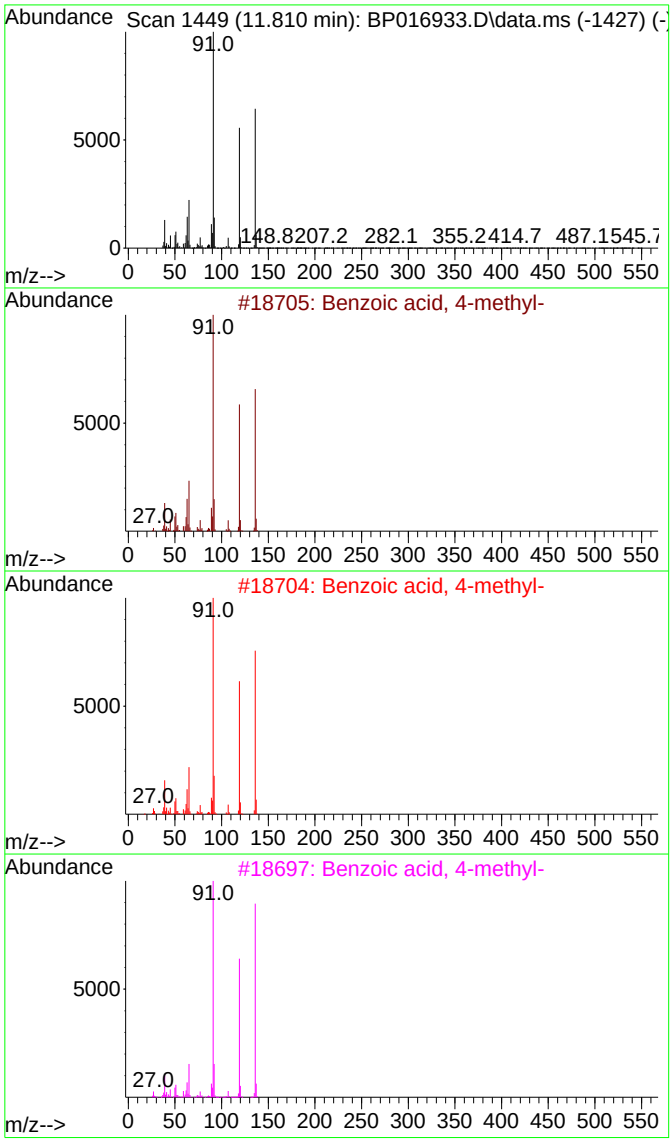
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

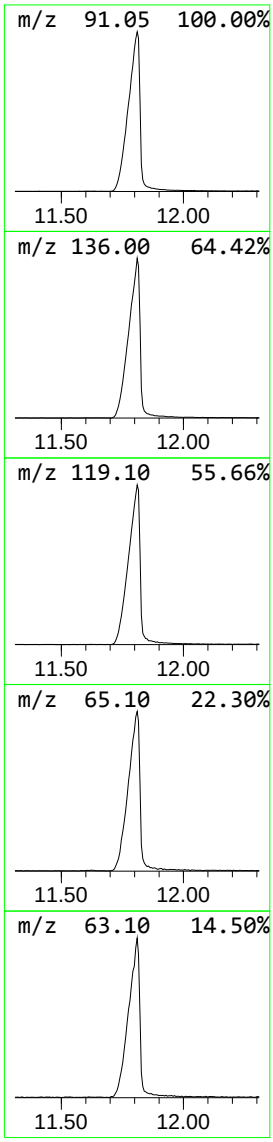
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzoic acid, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	28.50 ng/ul	4566130	Naphthalene-d8	10.845

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	95
4	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	94
5	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
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ClientSampleId :
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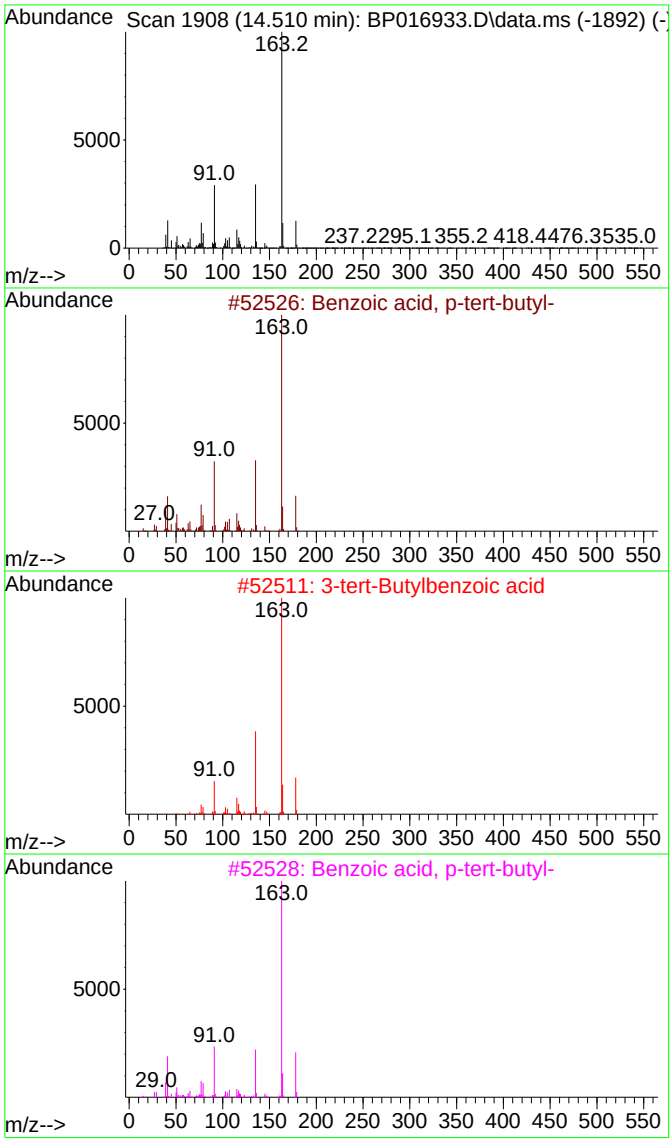
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

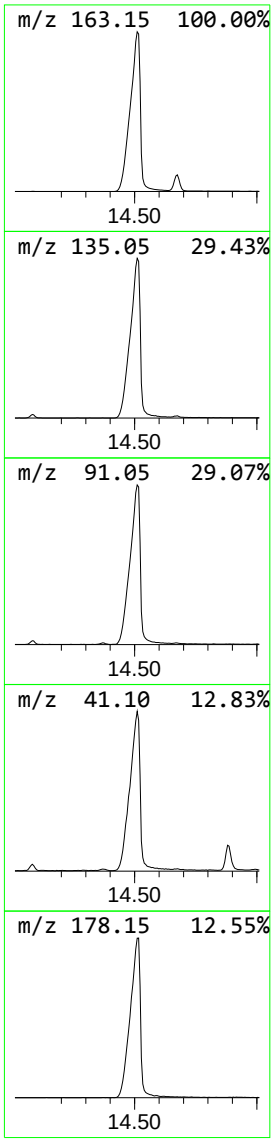
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzoic acid, p-tert-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.510	57.88 ng/ul	13590000	Acenaphthene-d10	14.669

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	90
4	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	74
5	Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
Data File : BP016933.D
Acq On : 02 Sep 2023 06:02
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Sample : 04209-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
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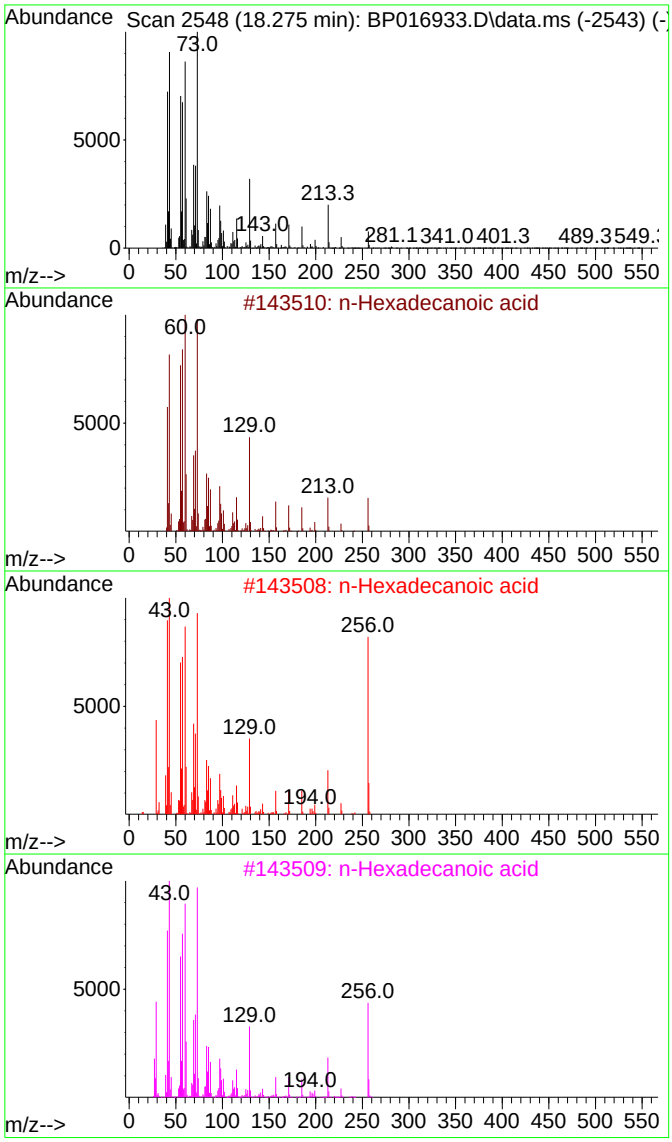
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

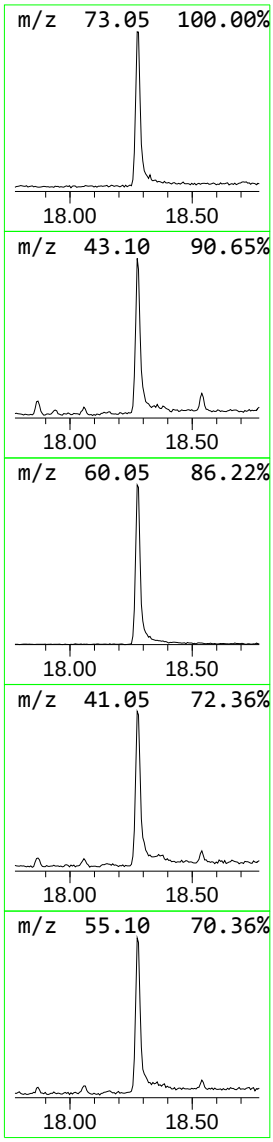
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	2.84 ng/ul	803185	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





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Sample : 04209-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH484

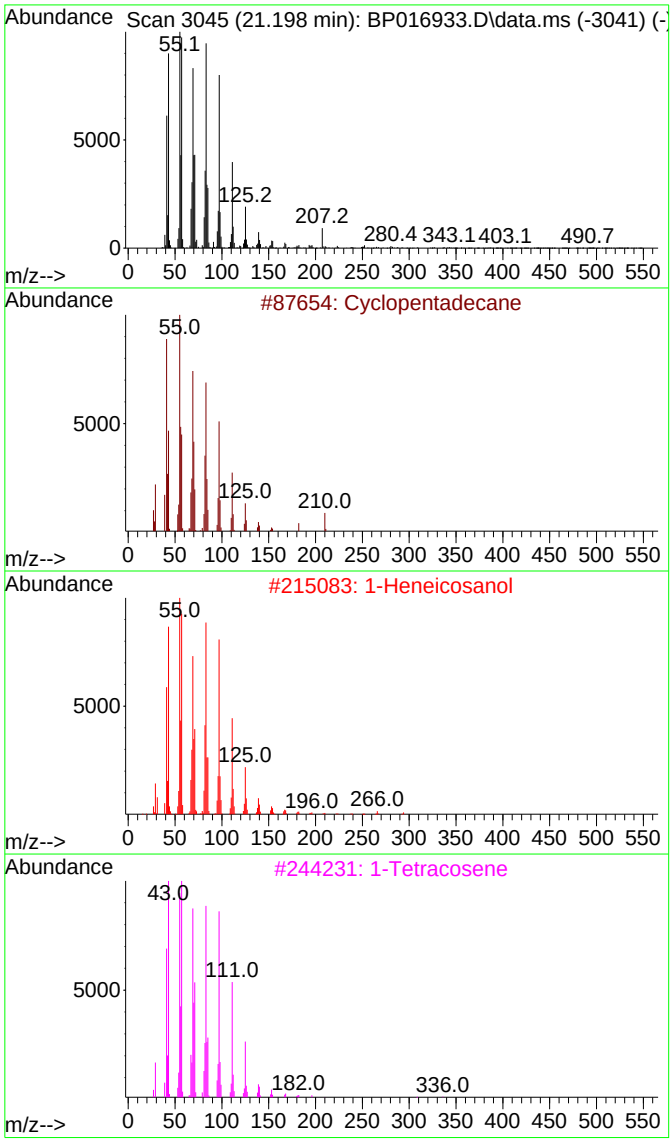
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

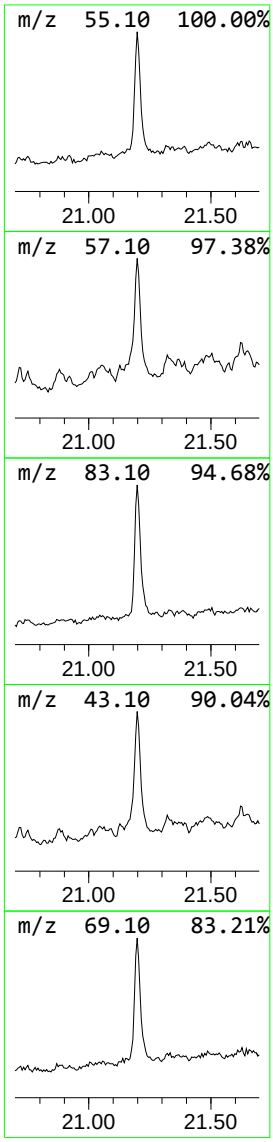
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic21.198 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	4.09 ng/ul	1148660	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	96
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	1-Tetracosene	336	C24H48	010192-32-2	95
4	1-Tricosene	322	C23H46	018835-32-0	95
5	Pentacos-1-ene	350	C25H50	016980-85-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
Data File : BP016933.D
Acq On : 02 Sep 2023 06:02
Operator : MA/JU
Sample : 04209-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH484

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.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
Hexanoic acid, ...	9.334	43.8	ng/ul	4444550	1	8.016	2028340	20.0
Benzoic acid	10.151	24.3	ng/ul	3885050	2	10.845	3204260	20.0
Benzoic acid, 4...	11.810	28.5	ng/ul	4566130	2	10.845	3204260	20.0
Benzoic acid, p...	14.510	57.9	ng/ul	13590000	3	14.669	4695800	20.0
n-Hexadecanoic ...	18.275	2.8	ng/ul	803185	4	17.439	5657720	20.0
(DEL) Alkane: C...	21.198	4.1	ng/ul	1148660	5	21.539	5611920	20.0