LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017562.D
Acq On : 05 Oct 2023 13:06
Operator : MA/JU
Sample : 04679-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-10(20230927)

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-BP100423.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017562.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.287	31	34	37	rBV	24530	31651	0.62%	0.076%
2	3.322	37	40	57	rVB	253477	334530	6.50%	0.799%
3	3.728	105	109	124	rBV	164950	259824	5.05%	0.621%
4	3.910	138	140	146	rVB6	6021	8528	0.17%	0.020%
5	4.028	157	160	166	rVB4	8567	9862	0.19%	0.024%
6	5.975	487	491	495	rBV5	4099	7231	0.14%	0.017%
7	6.640	599	604	605	rBV5	5463	7418	0.14%	0.018%
8	7.099	675	682	691	rBV	134001	226839	4.41%	0.542%
9	7.275	702	712	726	rBV2	1564446	2588116	50.32%	6.185%
10	7.457	736	743	754	rBV	486112	773999	15.05%	1.850%
11	7.551	755	759	766	rVB3	7908	15514	0.30%	0.037%
12	7.940	817	825	835	rBV	406492	656197	12.76%	1.568%
13	8.293	880	885	888	rBV7	3361	5383	0.10%	0.013%
14	8.375	896	899	903	rBV5	5279	8221	0.16%	0.020%
15	8.657	941	947	956	rBV	401924	662936	12.89%	1.584%
16	8.734	956	960	964	rVB4	10402	19849	0.39%	0.047%
17	8.869	978	983	986	rBV6	4962	7551	0.15%	0.018%
18	8.957	991	998	1006	rVB	55204	95725	1.86%	0.229%
19	9.145	1022	1030	1037	rBV	586020	938922	18.25%	2.244%
20	9.340	1058	1063	1068	rVB6	10290	19658	0.38%	0.047%
21	9.704	1120	1125	1130	rVB3	7499	13255	0.26%	0.032%
22	9.863	1145	1152	1164	rBV	491312	799504	15.54%	1.911%
23	10.075	1183	1188	1192	rBV8	5183	10295	0.20%	0.025%
24	10.392	1233	1242	1254	rBV	682145	1202407	23.38%	2.873%
25	10.492	1257	1259	1267	rVB9	5103	9985	0.19%	0.024%
26	10.628	1275	1282	1287	rVB	33564	57978	1.13%	0.139%
27	10.775	1300	1307	1318	rBV	575100	933564	18.15%	2.231%
28	10.945	1329	1336	1347	rBV	702807	1192535	23.18%	2.850%
29	11.551	1433	1439	1444	rVB9	6758	12947	0.25%	0.031%
30	11.792	1472	1480	1497	rBV	120320	272672	5.30%	0.652%
31	12.045	1515	1523	1535	rBV2	46093	117326	2.28%	0.280%
32	12.369	1571	1578	1583	rVB3	12645	21572	0.42%	0.052%
33	12.869	1659	1663	1669	rVB9	2990	6298	0.12%	0.015%
34	13.469	1759	1765	1772	rBV2	19137	34214	0.67%	0.082%
35	13.851	1827	1830	1834	rVB6	3811	6025	0.12%	0.014%
36	14.045	1856	1863	1875	rBV	1540931	2019168	39.26%	4.825%

LSC Area Percent Report

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Operator : MA/JU
Sample : 04679-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-10(20230927)

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-BP100423.MA.M
Title : SVOA CALIBRATION

37	14.328	1902	1911	1921	rBV	1662197	2268346	44.10%	5.421%
38	14.633	1955	1963	1973	rBV	862036	1299448	25.26%	3.105%
39	14.886	1997	2006	2020	rBV	81635	194740	3.79%	0.465%
40	15.016	2024	2028	2034	rVB5	21463	32992	0.64%	0.079%
41	15.375	2083	2089	2096	rBV	433575	597838	11.62%	1.429%
42	15.633	2124	2133	2142	rBV	2232102	3016492	58.64%	7.209%
43	15.698	2142	2144	2151	rVV7	6272	11337	0.22%	0.027%
44	15.775	2151	2157	2169	rVV	671928	934115	18.16%	2.232%
45	15.875	2171	2174	2183	rVB9	12274	22883	0.44%	0.055%
46	16.316	2242	2249	2253	rBV9	8851	25853	0.50%	0.062%
47	16.357	2253	2256	2261	rVB4	8479	14947	0.29%	0.036%
48	16.769	2322	2326	2329	rBV6	7129	9860	0.19%	0.024%
49	17.086	2375	2380	2385	rBV8	7108	11582	0.23%	0.028%
50	17.416	2430	2436	2446	rBV	1190890	1688155	32.82%	4.034%
51	17.522	2447	2454	2466	rVV	2598193	3577265	69.55%	8.549%
52	17.616	2468	2470	2476	rVV7	10284	18214	0.35%	0.044%
53	17.674	2479	2480	2486	rVB5	5515	7203	0.14%	0.017%
54	17.769	2492	2496	2501	rBV7	3313	5955	0.12%	0.014%
55	18.039	2540	2542	2547	rVB6	5682	7617	0.15%	0.018%
56	18.269	2576	2581	2591	rBV	181214	279421	5.43%	0.668%
57	18.357	2593	2596	2601	rVB2	12932	20623	0.40%	0.049%
58	18.910	2688	2690	2692	rBV3	6452	7458	0.14%	0.018%
59	19.345	2760	2764	2768	rBV2	31526	43159	0.84%	0.103%
60	19.410	2770	2775	2780	rVV2	37291	67040	1.30%	0.160%
61	19.510	2788	2792	2800	rBV2	78029	111448	2.17%	0.266%
62	19.774	2831	2837	2843	rBV	3737443	4613943	89.70%	11.026%
63	21.210	3078	3081	3087	rBV3	118421	161100	3.13%	0.385%
64	21.557	3135	3140	3147	rBV	1610317	2025782	39.38%	4.841%
65	23.962	3541	3549	3561	rVB2	2456216	5143712	100.00%	12.292%
66	24.133	3571	3578	3590	rVB	1064187	2239001	43.53%	5.351%

Sum of corrected areas: 41845228

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017562.D
Acq On : 05 Oct 2023 13:06
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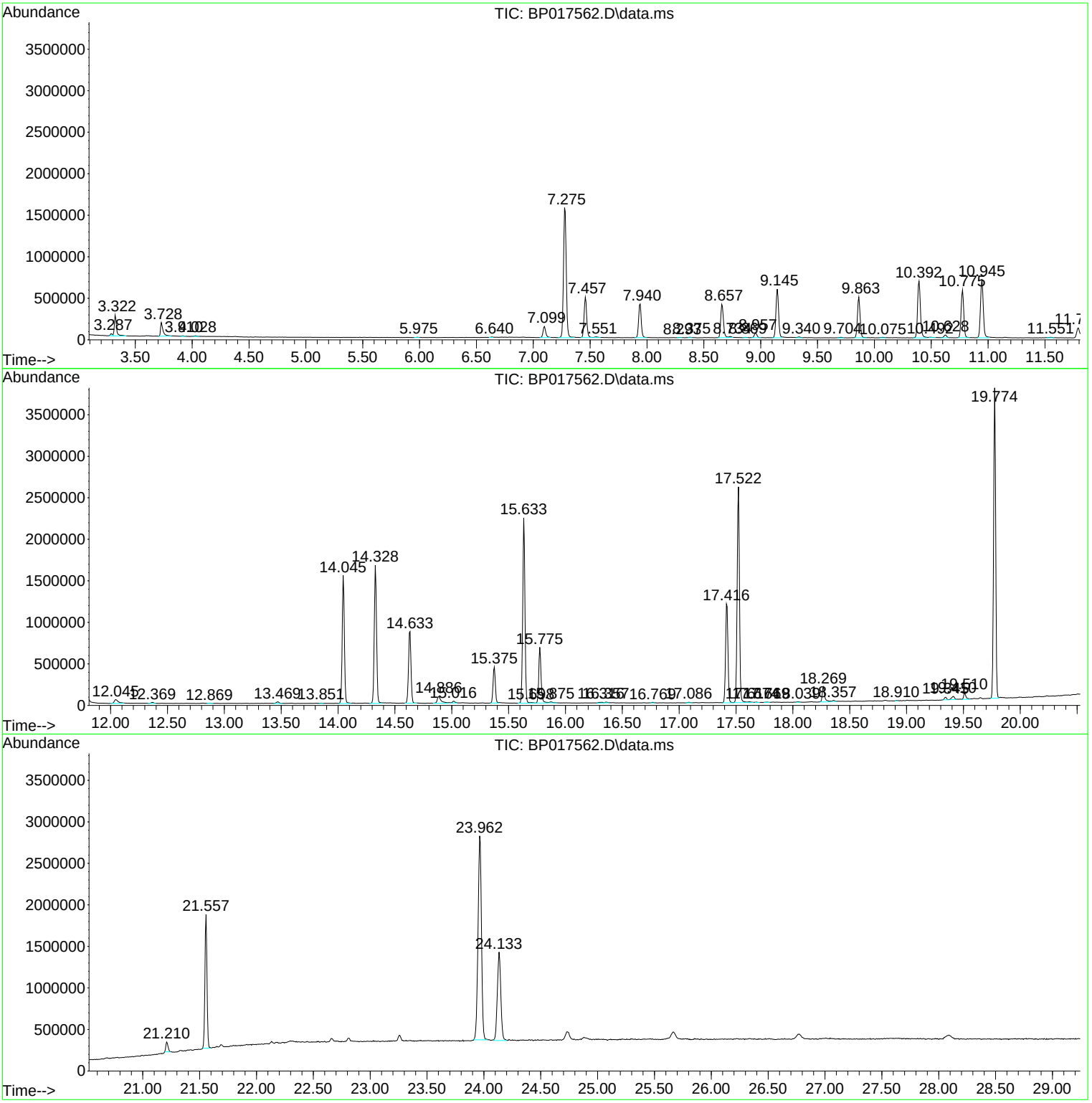
Sample : 04679-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-10(20230927)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.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\BP100423\
Data File : BP017562.D
Acq On : 05 Oct 2023 13:06
Operator : MA/JU
Sample : 04679-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-10(20230927)

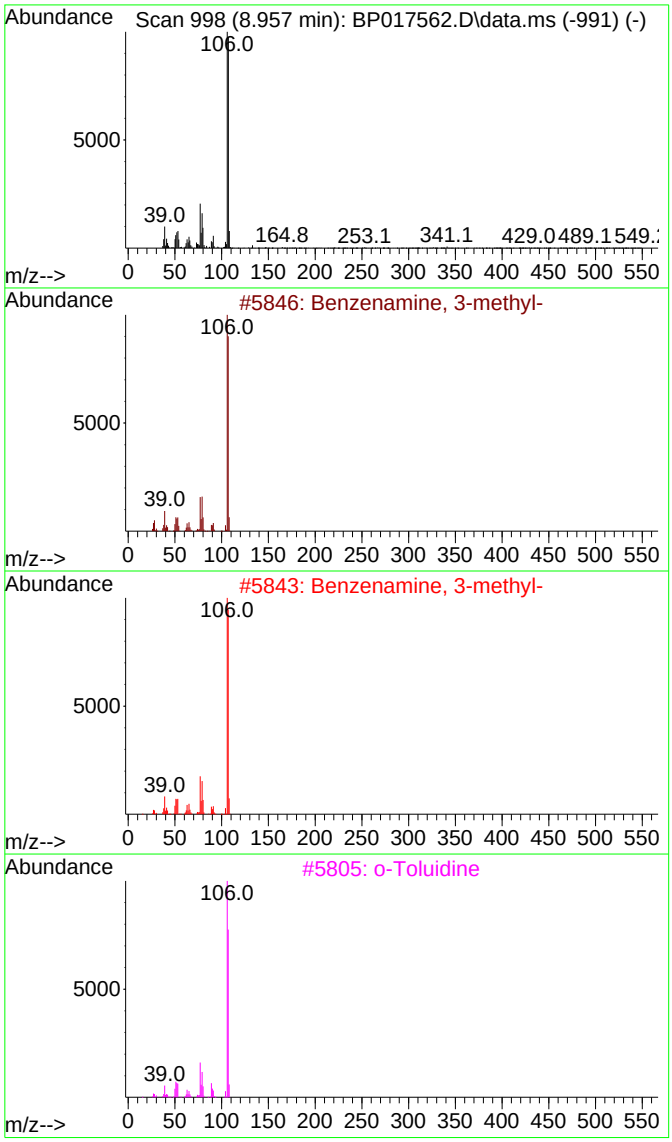
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

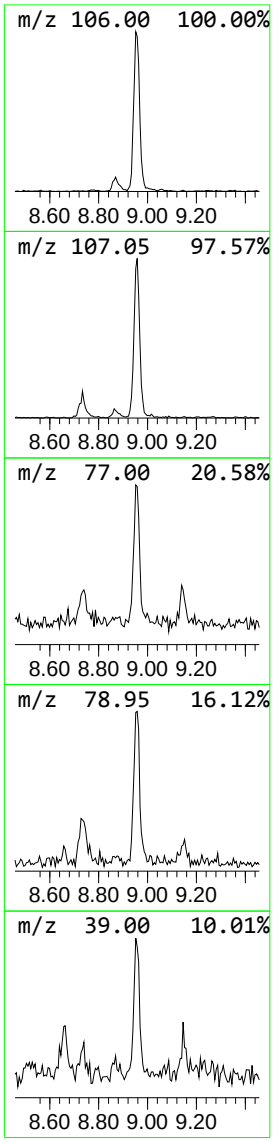
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzenamine, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.957	2.92 ng/ul	95725	1,4-Dichlorobenzene-d4	7.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
2	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
3	o-Toluidine	107	C7H9N	000095-53-4	94
4	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	94
5	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017562.D
Acq On : 05 Oct 2023 13:06
Operator : MA/JU
Sample : 04679-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-10(20230927)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

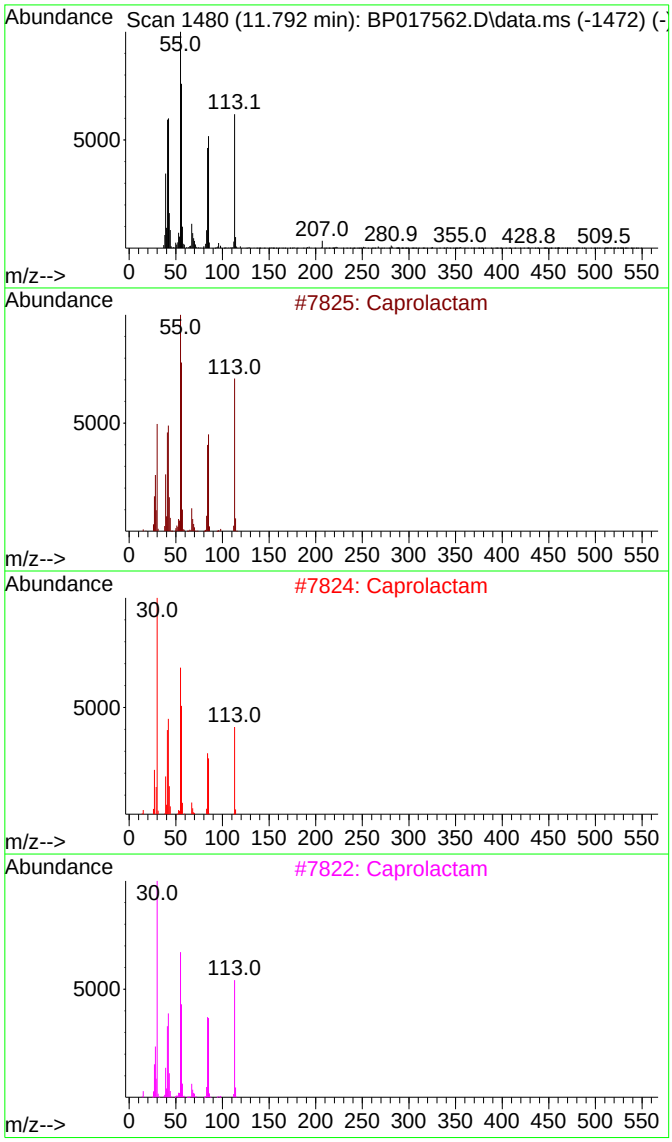
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

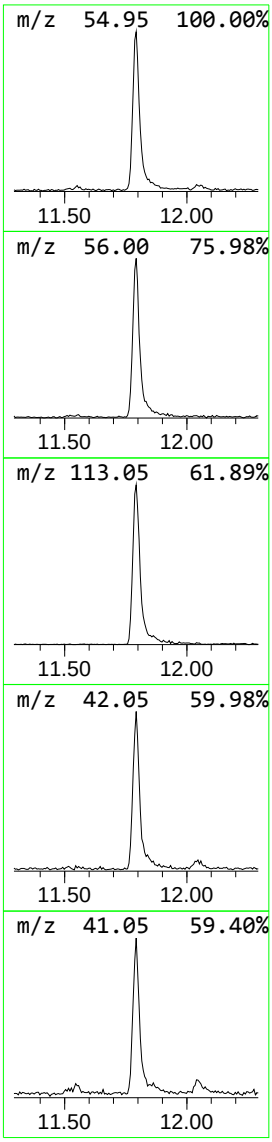
****

Peak Number 2 Caprol actam Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.792	5.84 ng/ul	272672	Naphthalene-d8	10.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caprolactam	113	C6H11NO	000105-60-2	96
2	Caprolactam	113	C6H11NO	000105-60-2	93
3	Caprolactam	113	C6H11NO	000105-60-2	93
4	Caprolactam	113	C6H11NO	000105-60-2	91
5	1-Hexene	84	C6H12	000592-41-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017562.D
Acq On : 05 Oct 2023 13:06
Operator : MA/JU
Sample : 04679-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-10(20230927)

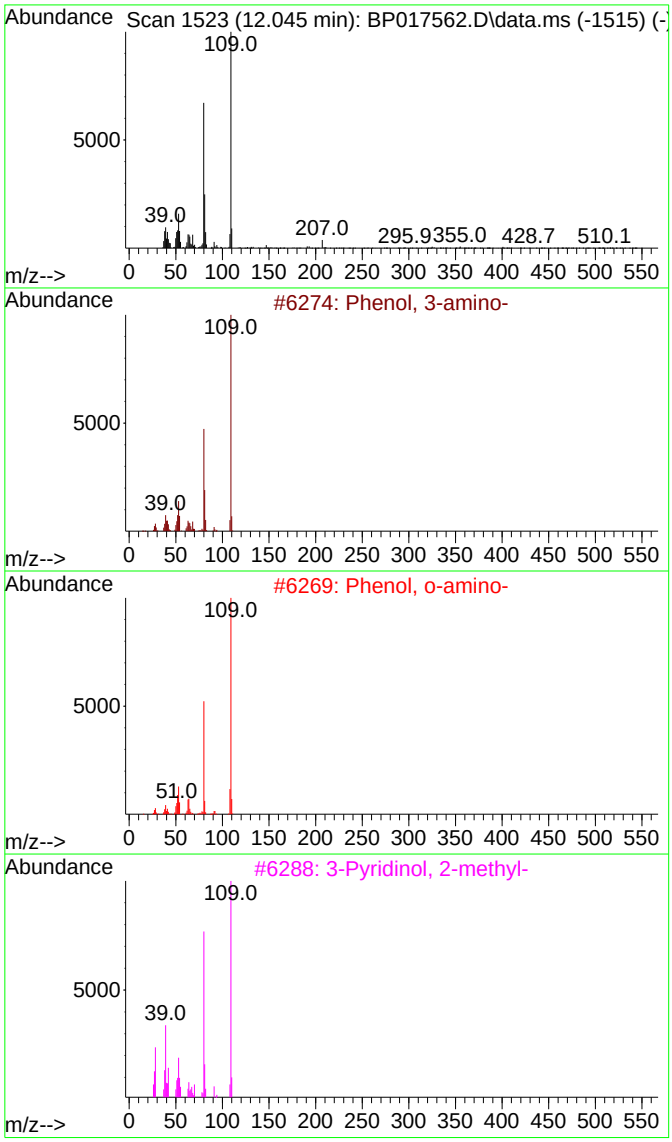
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

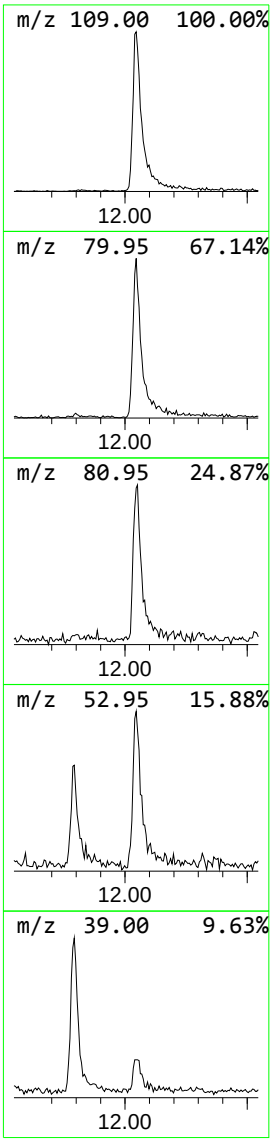
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenol, 3-amino- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.045	2.51 ng/ul	117326	Naphthalene-d8	10.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-amino-	109	C6H7NO	000591-27-5	93
2	Phenol, o-amino-	109	C6H7NO	000095-55-6	90
3	3-Pyridinol, 2-methyl-	109	C6H7NO	001121-25-1	90
4	Phenol, 3-amino-	109	C6H7NO	000591-27-5	90
5	2(1H)-Pyridinone, 3-methyl-	109	C6H7NO	001003-56-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017562.D
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Sample : 04679-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-10(20230927)

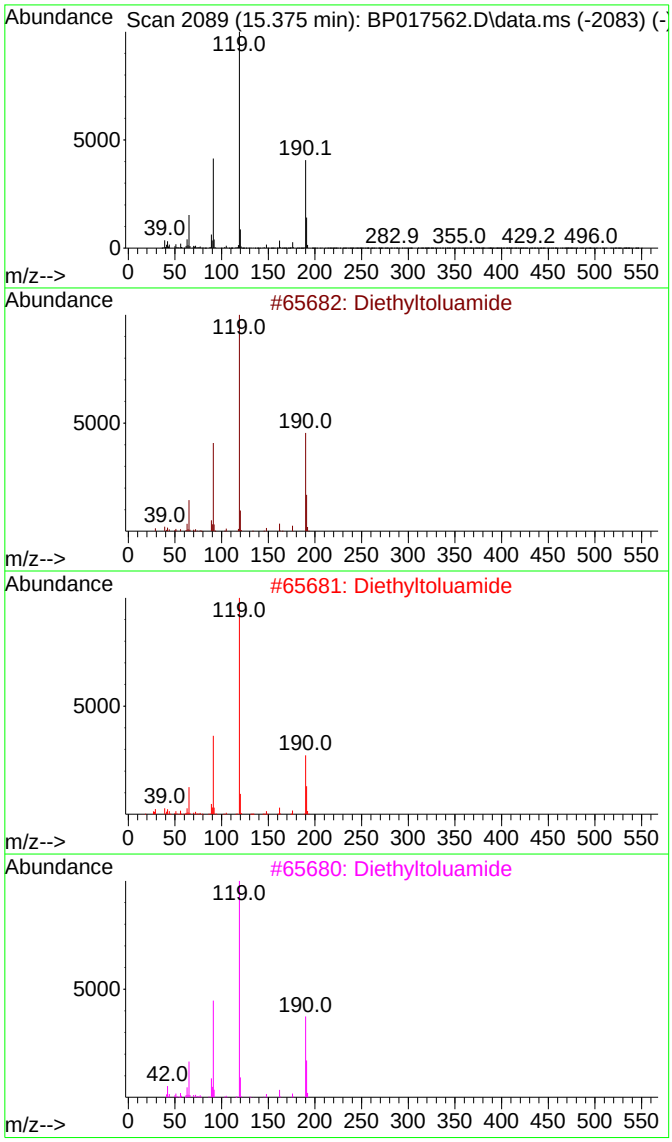
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

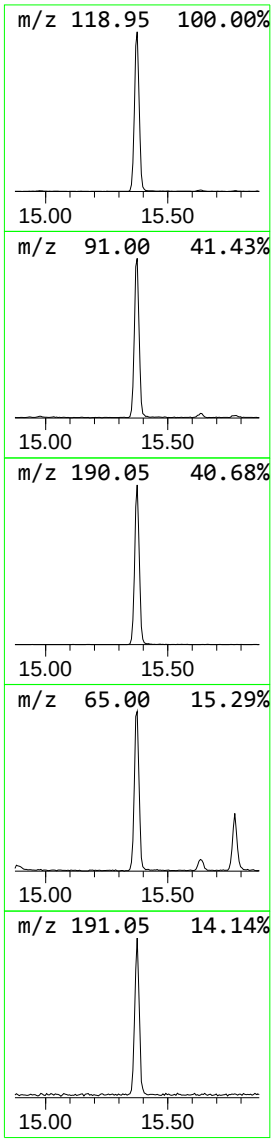
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.375	9.20 ng/ul	597838	Acenaphthene-d10	14.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Diethyltoluamide	191	C12H17NO	000134-62-3	95
3	Diethyltoluamide	191	C12H17NO	000134-62-3	95
4	Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	90
5	Bicyclo[6.3.0]undeca-1,6-dien-3-...	190	C13H18O	1000164-02-3	78





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Instrument :
BNA_P
ClientSampleId :
PMW-10(20230927)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

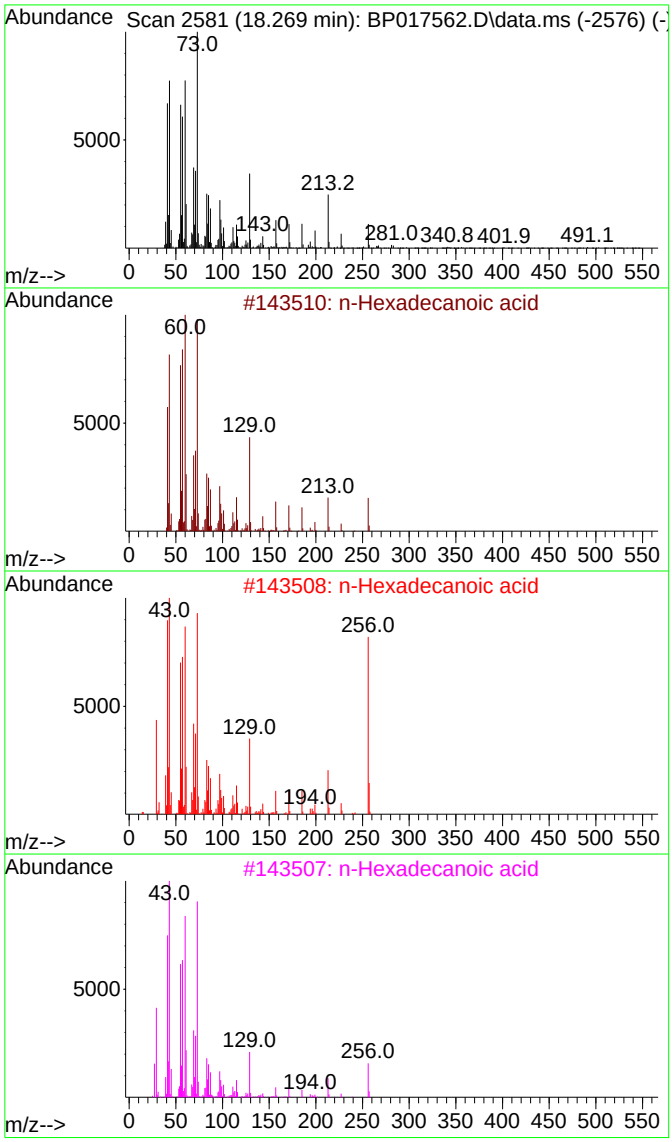
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

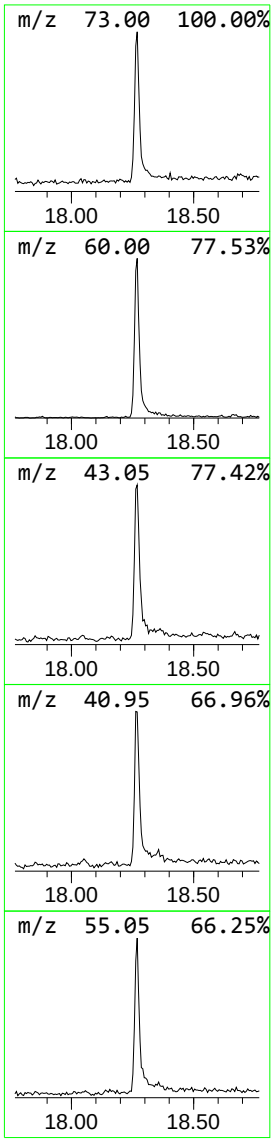
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	3.31 ng/ul	279421	Phenanthrene-d10	17.416

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	96
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017562.D
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Operator : MA/JU
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.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
Benzenamine, 3-...	8.957	2.9	ng/ul	95725	1	7.940	656197	20.0
Caprol actam	11.792	5.8	ng/ul	272672	2	10.775	933564	20.0
Phenol, 3-amino-	12.045	2.5	ng/ul	117326	2	10.775	933564	20.0
Diethyltoluamide	15.375	9.2	ng/ul	597838	3	14.633	1299450	20.0
n-Hexadecanoic ...	18.269	3.3	ng/ul	279421	4	17.416	1688160	20.0