LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021423\
Data File : BP013815.D
Acq On : 14 Feb 2023 13:37
Operator : CG/JU
Sample : 01443-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
X3E91

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-BP020723.M
Title : SVOA CALIBRATION

Signal : TIC: BP013815.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.240	7	9	20	rVB	111465	146447	0.21%	0.069%
2	3.505	51	54	63	rVB	116848	163621	0.23%	0.077%
3	3.905	118	122	139	rBV	580372	875497	1.25%	0.410%
4	4.258	173	182	207	rVB2	27192512	70011042	100.00%	32.757%
5	5.187	333	340	351	rBV	366958	537971	0.77%	0.252%
6	7.269	683	694	697	rBV	781712	1373226	1.96%	0.643%
7	7.299	697	699	714	rVV	654015	854444	1.22%	0.400%
8	7.446	717	724	733	rVV	607186	974157	1.39%	0.456%
9	7.540	733	740	751	rVB	706562	1087355	1.55%	0.509%
10	7.652	751	759	769	rBV	799856	1256012	1.79%	0.588%
11	8.122	832	839	853	rVB	607612	997364	1.42%	0.467%
12	8.563	906	914	927	rBV	1938925	3060059	4.37%	1.432%
13	8.828	947	959	964	rBV	945647	1547765	2.21%	0.724%
14	8.887	964	969	988	rVB	1367606	2203488	3.15%	1.031%
15	9.299	1031	1039	1043	rBV	677972	1162933	1.66%	0.544%
16	9.340	1043	1046	1059	rVB	628568	960364	1.37%	0.449%
17	10.028	1152	1163	1165	rBV	592795	1030611	1.47%	0.482%
18	10.057	1165	1168	1175	rVV	940438	1454551	2.08%	0.681%
19	10.122	1175	1179	1182	rVV	42147	70386	0.10%	0.033%
20	10.563	1246	1254	1258	rBV	1000127	2060166	2.94%	0.964%
21	10.951	1310	1320	1324	rBV	841750	1440630	2.06%	0.674%
22	11.004	1324	1329	1336	rVV	1353491	2226871	3.18%	1.042%
23	11.087	1336	1343	1358	rVV	487202	888921	1.27%	0.416%
24	11.287	1370	1377	1386	rVB	1880785	3094998	4.42%	1.448%
25	11.651	1429	1439	1445	rBV	60260	98974	0.14%	0.046%
26	11.716	1445	1450	1459	rVB	79880	126254	0.18%	0.059%
27	12.216	1527	1535	1553	rBV	1739100	2696152	3.85%	1.261%
28	12.463	1570	1577	1584	rBV	888464	1311661	1.87%	0.614%
29	12.598	1593	1600	1614	rVV	696248	1075943	1.54%	0.503%
30	12.816	1629	1637	1651	rVV	2091014	3264158	4.66%	1.527%
31	12.957	1653	1661	1671	rVB	728333	1134985	1.62%	0.531%
32	13.263	1706	1713	1728	rBV	1242362	1971913	2.82%	0.923%
33	13.640	1771	1777	1789	rVB	1766937	2693291	3.85%	1.260%
34	14.163	1859	1866	1873	rBV	1751347	2443108	3.49%	1.143%
35	14.334	1888	1895	1903	rBV	836567	1160821	1.66%	0.543%
36	14.457	1909	1916	1918	rBV	1939572	3021790	4.32%	1.414%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021423\
Data File : BP013815.D
Acq On : 14 Feb 2023 13:37
Operator : CG/JU
Sample : 01443-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : X3E91

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-BP020723.M
Title : SVOA CALIBRATION

37	14.487	1918	1921	1937	rVB	2437872	3407660	4.87%	1.594%
38	14.763	1958	1968	1973	rBV	1265283	1938049	2.77%	0.907%
39	14.822	1973	1978	1987	rVB	1792538	2608800	3.73%	1.221%
40	14.945	1992	1999	2007	rBV	659196	1021154	1.46%	0.478%
41	15.028	2007	2013	2025	rVV	2562025	3669843	5.24%	1.717%
42	15.157	2029	2035	2045	rVV	2340119	3410123	4.87%	1.596%
43	15.257	2046	2052	2064	rVB	1599364	2247538	3.21%	1.052%
44	15.381	2066	2073	2088	rVB	1470736	2091165	2.99%	0.978%
45	15.569	2099	2105	2117	rVB	1537982	2017359	2.88%	0.944%
46	15.751	2128	2136	2141	rBV	2504227	3638377	5.20%	1.702%
47	15.810	2141	2146	2150	rVV	1321775	1909304	2.73%	0.893%
48	15.869	2150	2156	2171	rVB3	1126597	2089727	2.98%	0.978%
49	16.816	2310	2317	2326	rVB	772848	1125978	1.61%	0.527%
50	17.157	2368	2375	2377	rBV	1144650	1680776	2.40%	0.786%
51	17.180	2377	2379	2389	rVB	2067678	2677661	3.82%	1.253%
52	17.516	2429	2436	2439	rBV	1705679	2361863	3.37%	1.105%
53	17.557	2439	2443	2448	rVV	2196586	3175943	4.54%	1.486%
54	17.616	2448	2453	2456	rVV	2738598	4077911	5.82%	1.908%
55	17.651	2456	2459	2473	rVB	2341974	3049615	4.36%	1.427%
56	17.916	2496	2504	2521	rBV	2108108	3118153	4.45%	1.459%
57	18.116	2533	2538	2544	rBV	118458	146239	0.21%	0.068%
58	19.510	2765	2775	2782	rBV	3398204	4533441	6.48%	2.121%
59	19.833	2824	2830	2833	rBV	3531103	5231218	7.47%	2.448%
60	19.863	2833	2835	2843	rVB	2008393	2068290	2.95%	0.968%
61	21.586	3121	3128	3132	rBV2	2091902	4718022	6.74%	2.207%
62	21.633	3132	3136	3147	rVB	3045501	4109073	5.87%	1.923%
63	22.451	3270	3275	3286	rBV	1733533	2527514	3.61%	1.183%
64	23.368	3424	3431	3436	rBV	2164740	4150260	5.93%	1.942%
65	23.421	3436	3440	3450	rVB	1056623	1909255	2.73%	0.893%
66	23.992	3530	3537	3542	rBV2	1593080	3567773	5.10%	1.669%
67	24.045	3542	3546	3557	rVV	1322606	2614369	3.73%	1.223%
68	24.162	3559	3566	3578	rVB	923301	2000914	2.86%	0.936%
69	26.880	4021	4028	4043	rVB	613938	1893971	2.71%	0.886%
70	27.698	4159	4167	4182	rVB	736073	2464335	3.52%	1.153%

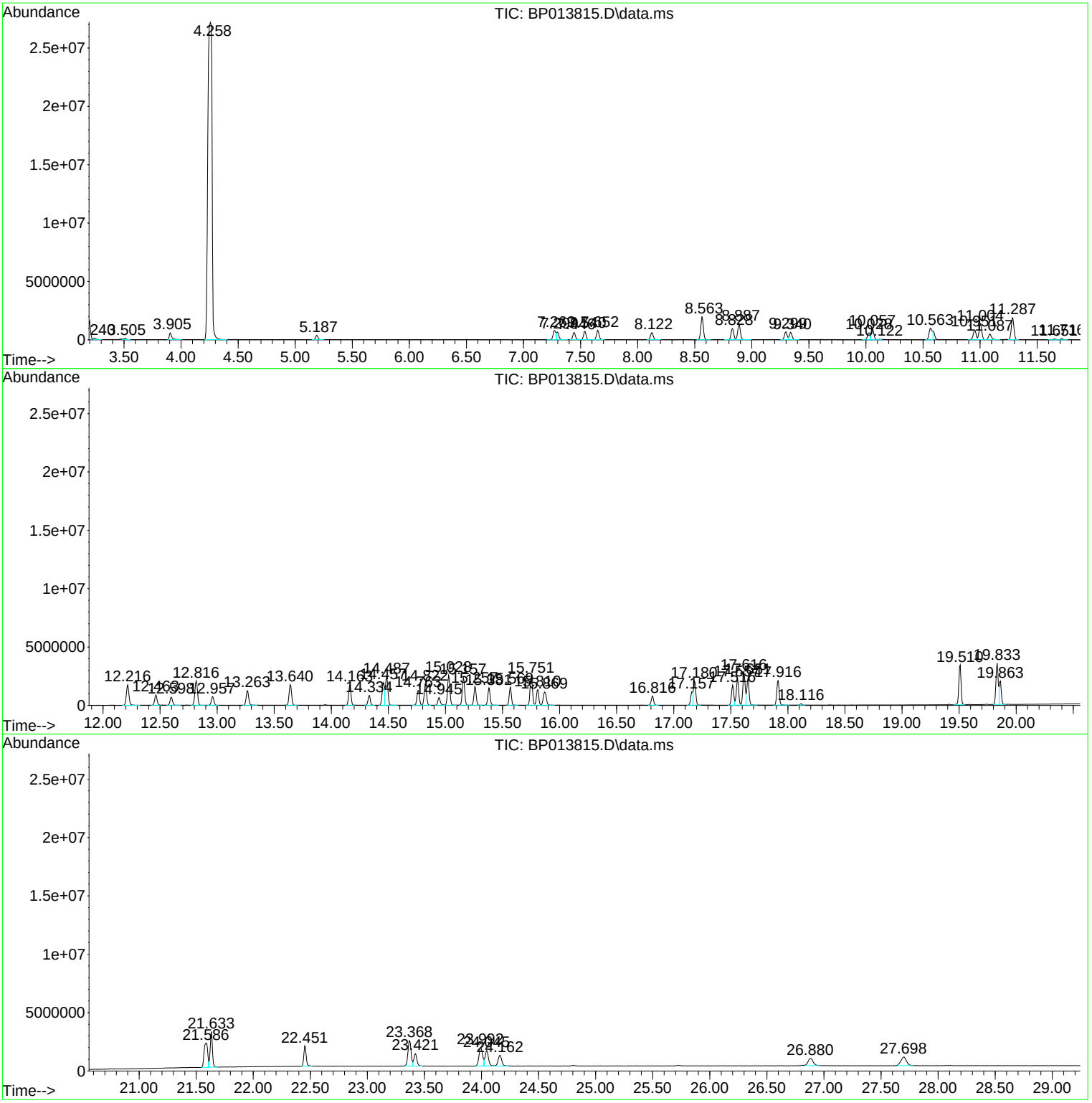
Sum of corrected areas: 213729602

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021423\
Data File : BP013815.D
Acq On : 14 Feb 2023 13:37
Operator : CG/JU
Sample : 01443-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
X3E91

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021423\
Data File : BP013815.D
Acq On : 14 Feb 2023 13:37
Operator : CG/JU
Sample : 01443-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
X3E91

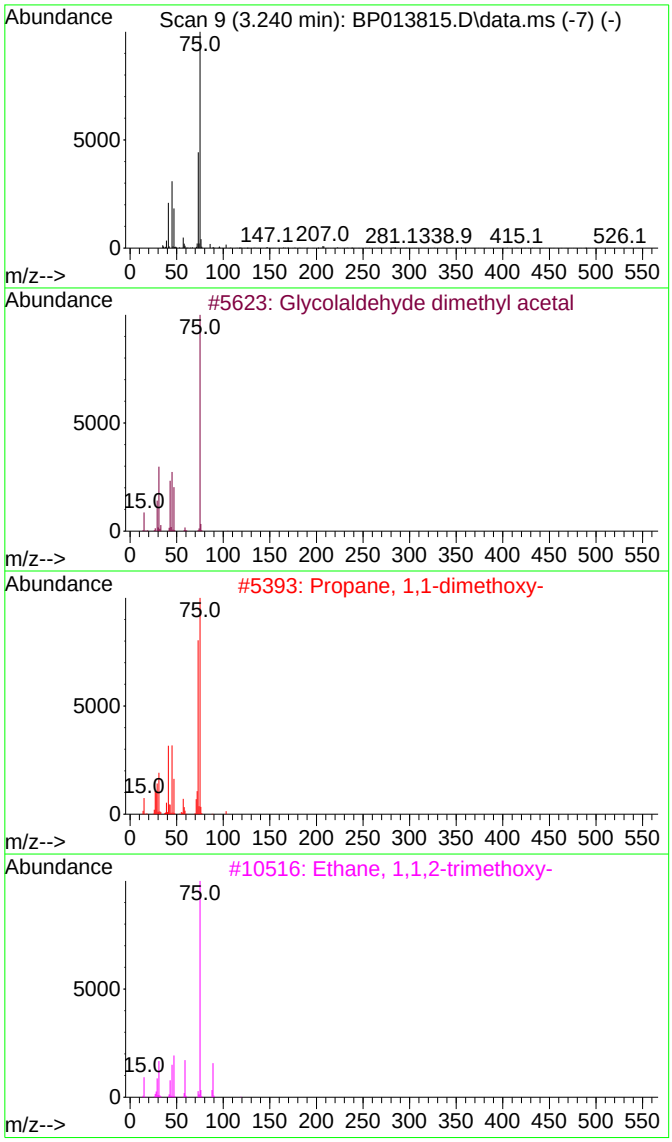
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
Quant Title : SVOA CALIBRATION

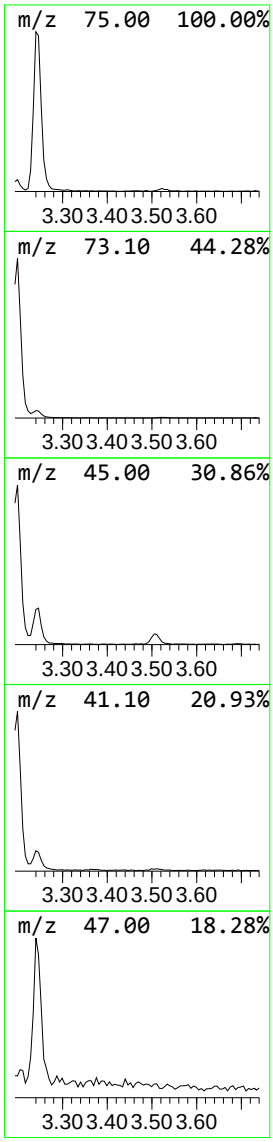
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Glycolaldehyde dimethyl acetal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.240	2.94 ng/ul	146447	1,4-Dichlorobenzene-d4	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	56
2	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	40
3	Ethane, 1,1,2-trimethoxy-	120	C5H12O3	024332-20-5	39
4	Butane, 2-methyl-3-(methylthio)-	118	C6H14S	053897-51-1	39
5	Ethane, 1,1,2-trimethoxy-	120	C5H12O3	024332-20-5	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021423\
Data File : BP013815.D
Acq On : 14 Feb 2023 13:37
Operator : CG/JU
Sample : 01443-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
X3E91

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
Quant Title : SVOA CALIBRATION

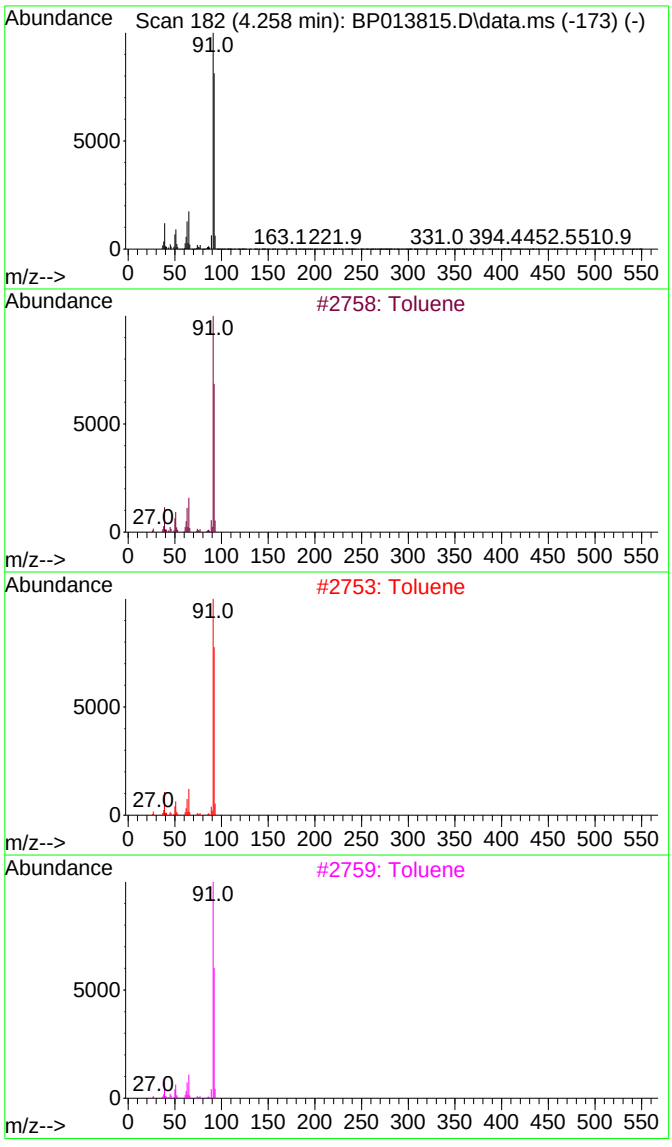
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

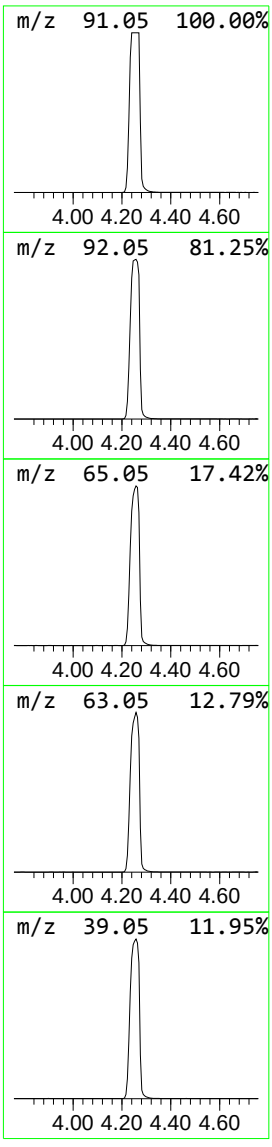
****

Peak Number 2 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.258	1403.92 ng/ul	70011000	1,4-Dichlorobenzene-d4	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	94
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021423\
Data File : BP013815.D
Acq On : 14 Feb 2023 13:37
Operator : CG/JU
Sample : 01443-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
X3E91

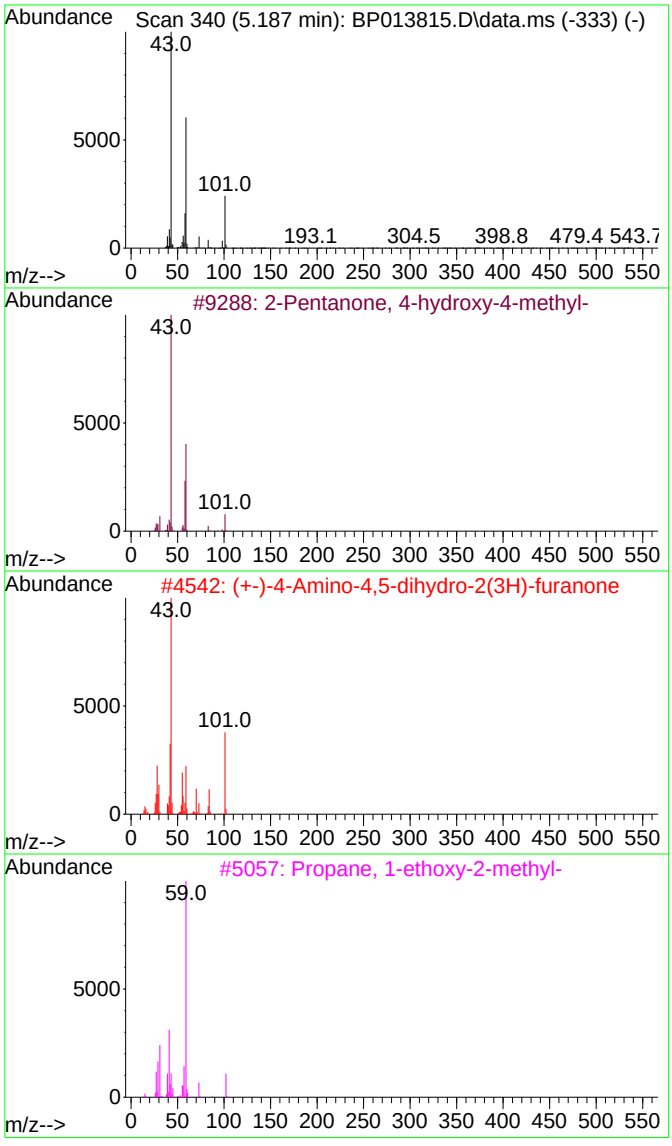
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
Quant Title : SVOA CALIBRATION

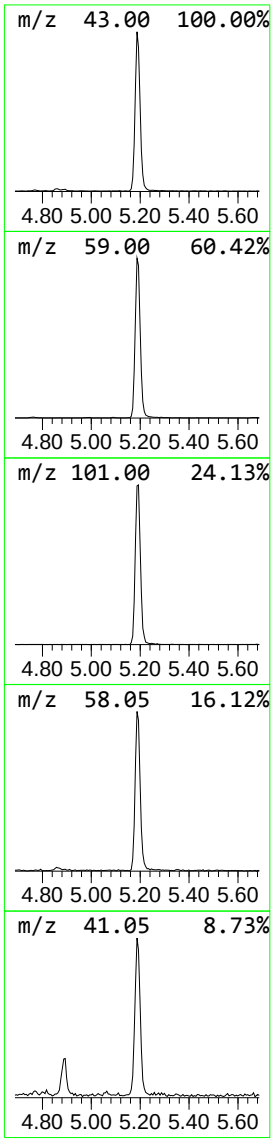
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.187	10.79 ng/ul	537971	1,4-Dichlorobenzene-d4	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	50
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021423\
Data File : BP013815.D
Acq On : 14 Feb 2023 13:37
Operator : CG/JU
Sample : 01443-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
X3E91

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
Quant Title : SVOA CALIBRATION

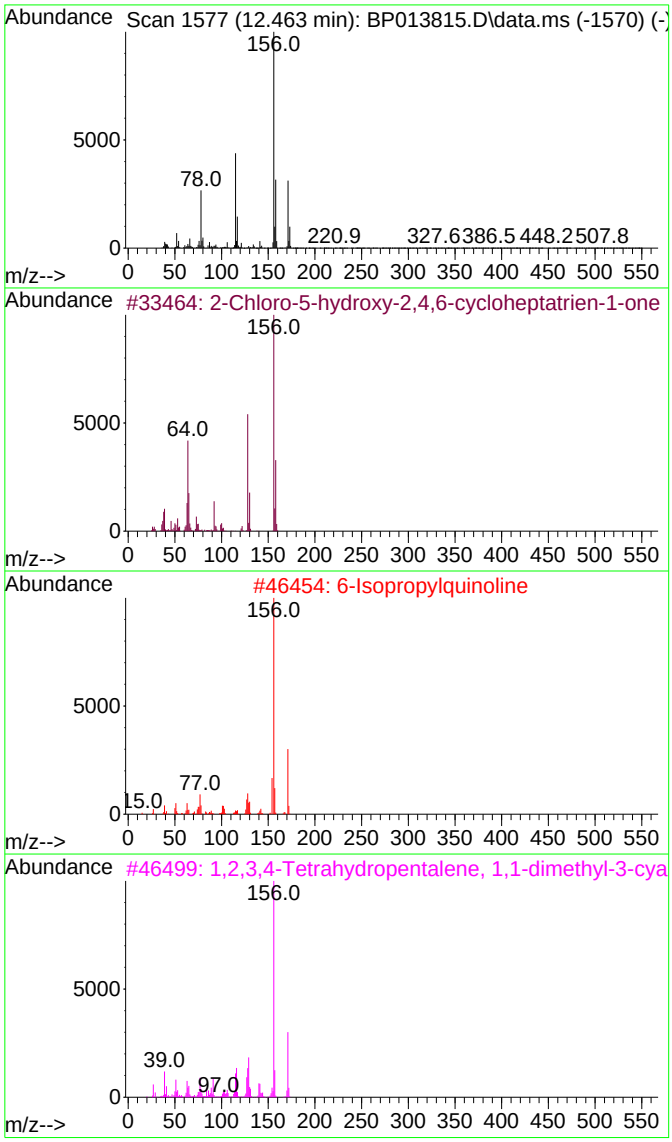
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

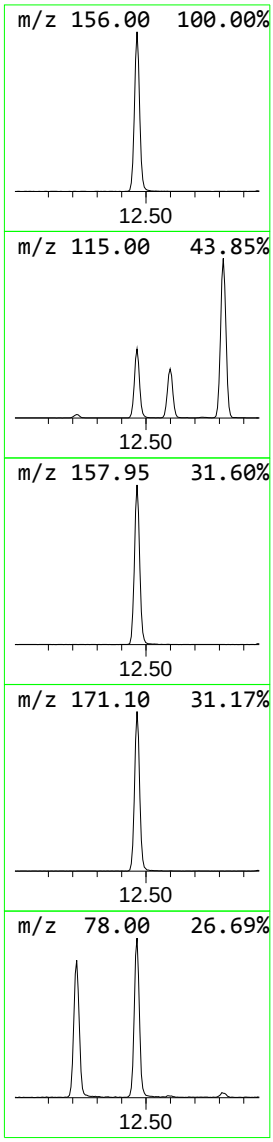
****

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	18.21 ng/ul	1311660	Naphthalene-d8	10.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	43
2	6-Isopropylquinoline	171	C12H13N	000135-79-5	38
3	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
4	Chloroxylenol	156	C8H9ClO	000088-04-0	32
5	Cyclopentanone, O-(trimethylsily...	171	C8H17NOSi	026208-87-7	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021423\
Data File : BP013815.D
Acq On : 14 Feb 2023 13:37
Operator : CG/JU
Sample : 01443-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
X3E91

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
Quant Title : SVOA CALIBRATION

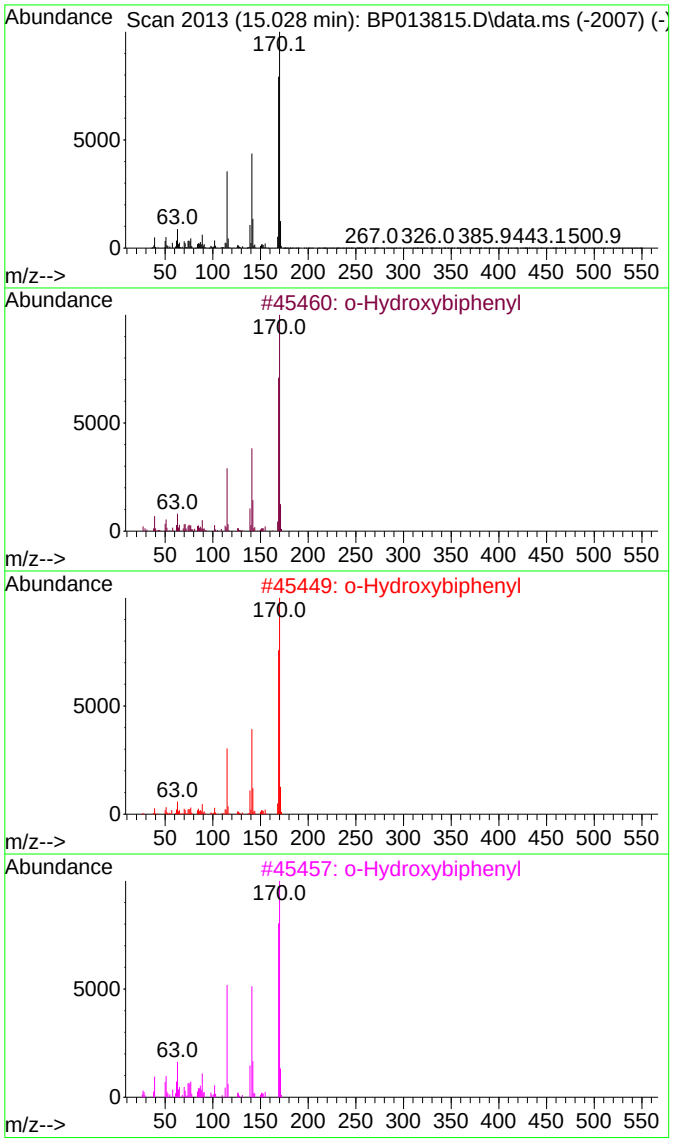
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

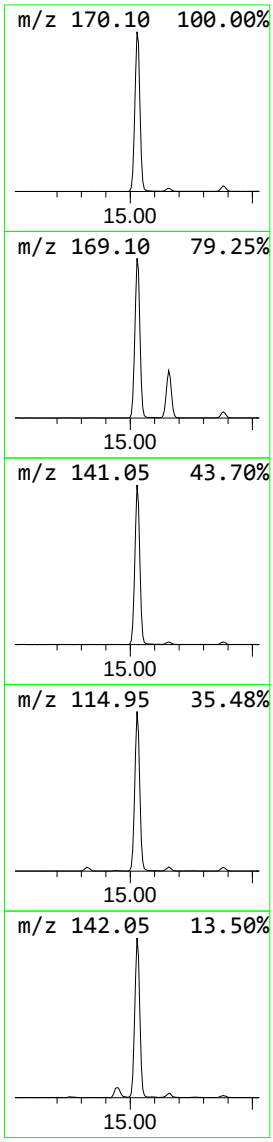
****

Peak Number 5 o-Hydroxybiphenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.028	37.87 ng/ul	3669840	Acenaphthene-d10	14.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021423\
Data File : BP013815.D
Acq On : 14 Feb 2023 13:37
Operator : CG/JU
Sample : 01443-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
X3E91

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
Quant Title : SVOA CALIBRATION

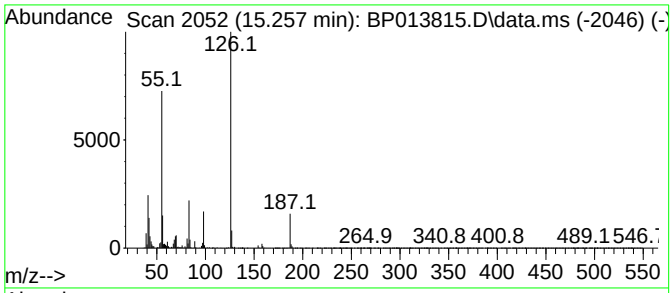
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

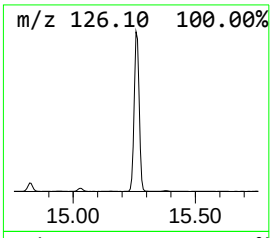
****

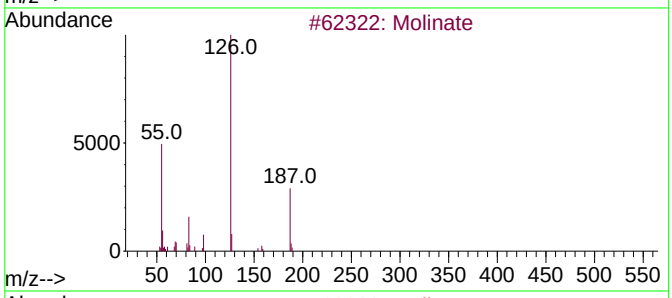
Peak Number 6 Molinate Concentration Rank 3

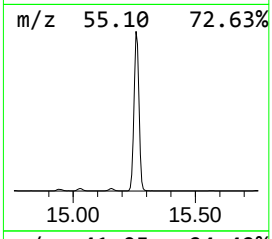
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.257	23.19 ng/ul	2247540	Acenaphthene-d10	14.763

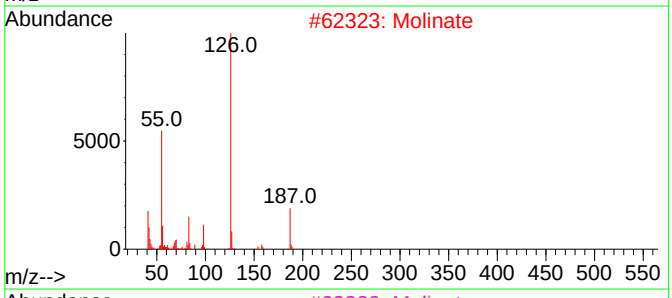
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Molinate	187	C9H17NOS	002212-67-1	97
2	Molinate	187	C9H17NOS	002212-67-1	97
3	Molinate	187	C9H17NOS	002212-67-1	70
4	Thymine	126	C5H6N2O2	000065-71-4	59
5	.delta.2-Tetrazaboroline, 5-ethy...	126	C4H11BN4	020534-01-4	59

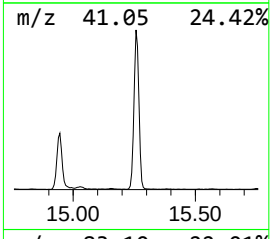


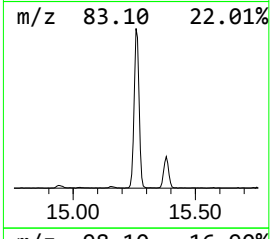


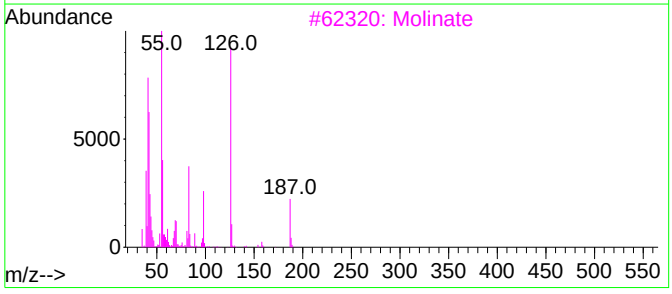


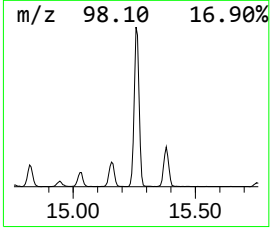












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021423\
Data File : BP013815.D
Acq On : 14 Feb 2023 13:37
Operator : CG/JU
Sample : 01443-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
X3E91

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.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
Glycolaldehyde ...	3.240	2.9	ng/ul	146447	1	8.128	997364	20.0
Toluene	4.258	1403.9	ng/ul	70011000	1	8.128	997364	20.0
2-Pentanone, 4-...	5.187	10.8	ng/ul	537971	1	8.128	997364	20.0
unknown-01	12.463	18.2	ng/ul	1311660	2	10.951	1440630	20.0
o-Hydroxybiphenyl	15.028	37.9	ng/ul	3669840	3	14.763	1938050	20.0
Molinate	15.257	23.2	ng/ul	2247540	3	14.763	1938050	20.0