Quantitation Report (Qedit)

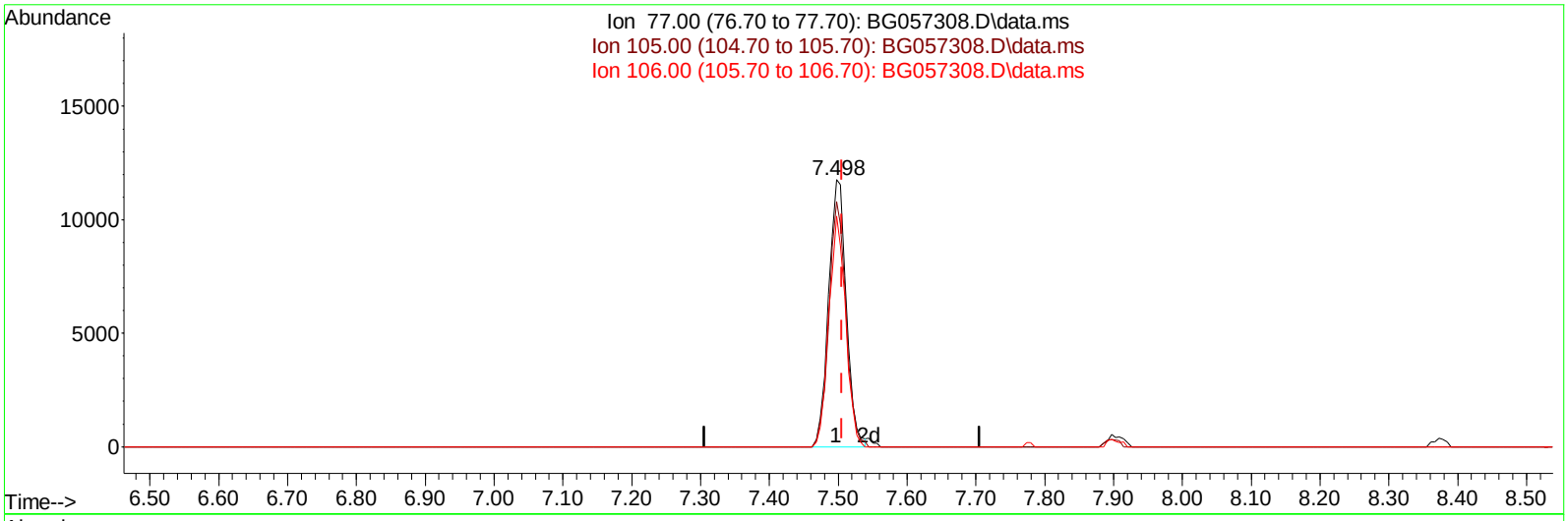
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
Data File : BG057308.D
Acq On : 4 May 2023 19:31
Operator : CG/JU
Sample : PB152587BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

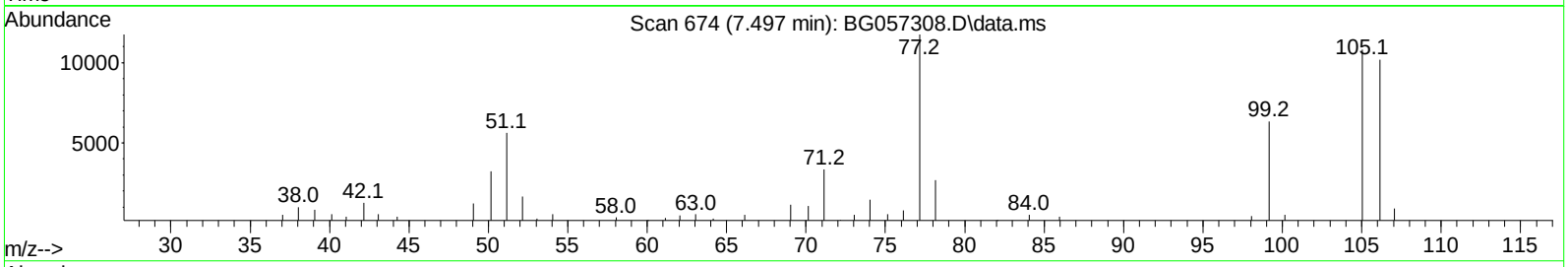
Quant Time: May 05 01:44:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

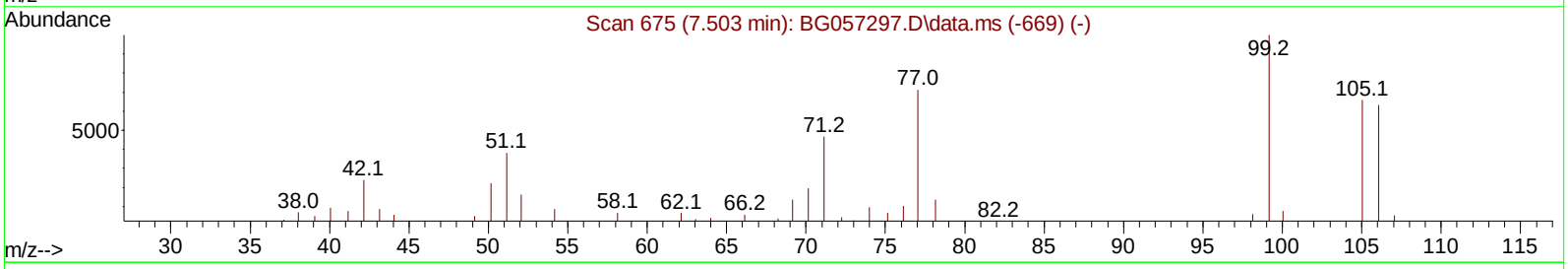
Instrument :
BNA_G
ClientSampleId :
SLCS587

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023







TIC: BG057308.D\data.ms

(6) Benzaldehyde

7.497min (-0.008) 57.85 ng/ul

response 20888

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.70	91.89
106.00	98.40	86.51
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
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Acq On : 4 May 2023 19:31
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Misc :
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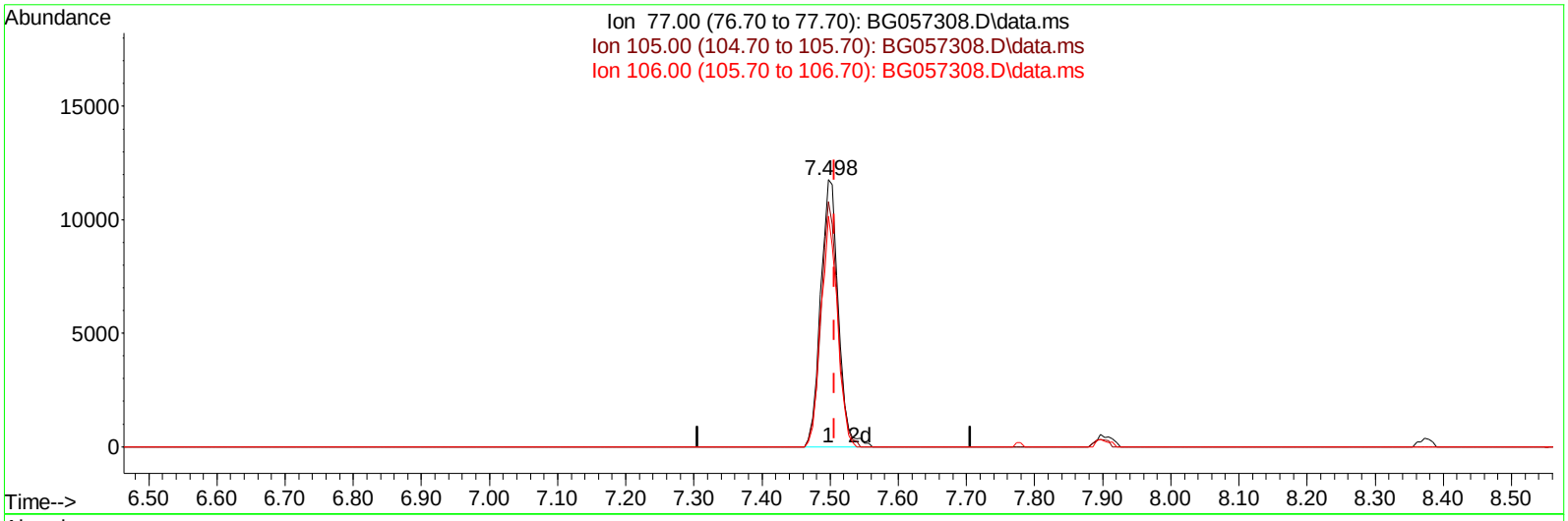

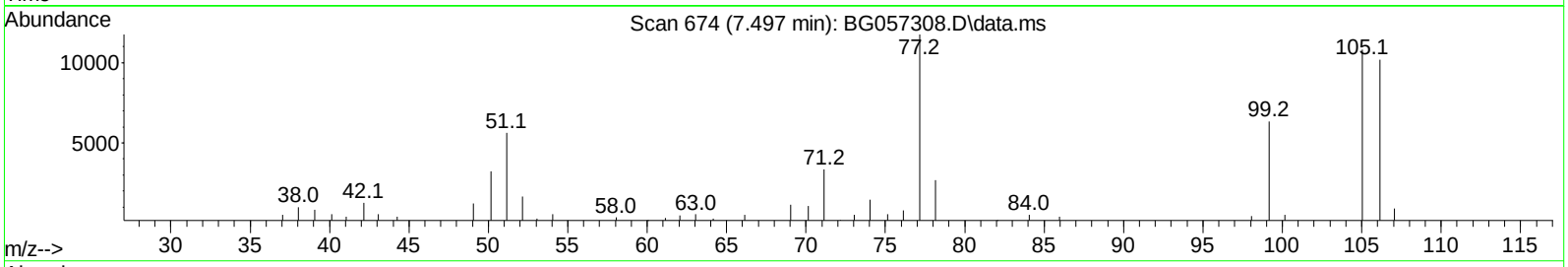

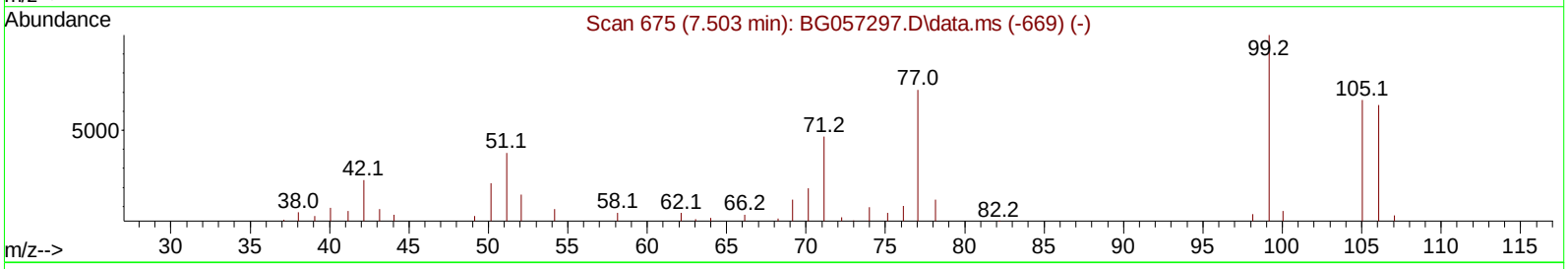

TIC: BG057308.D\data.ms

(6) Benzaldehyde

7.497min (-0.008) 58.53 ng/ul m

response 21133

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.70	91.89
106.00	98.40	86.51
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
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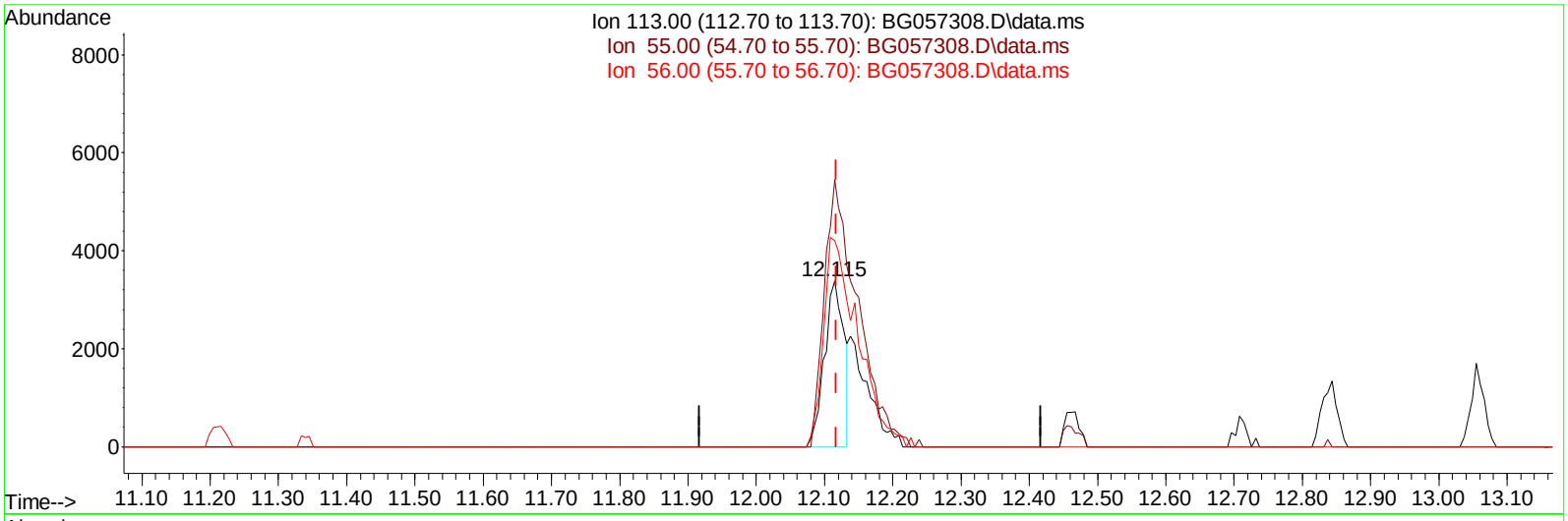

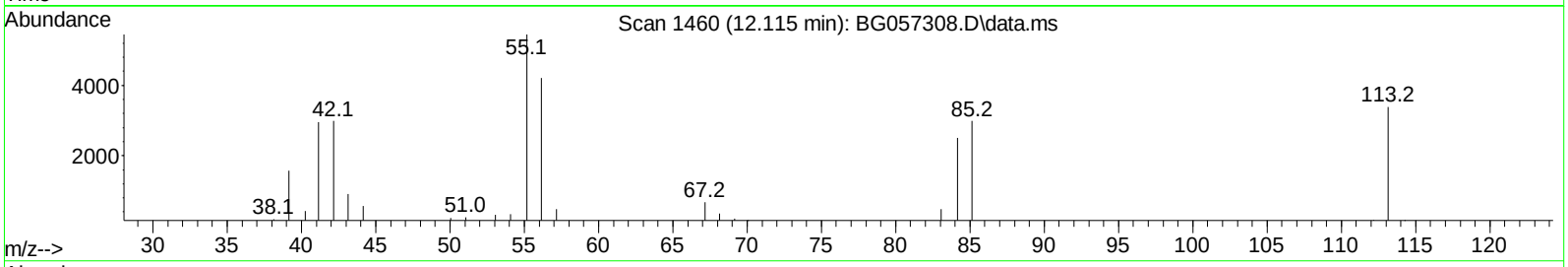

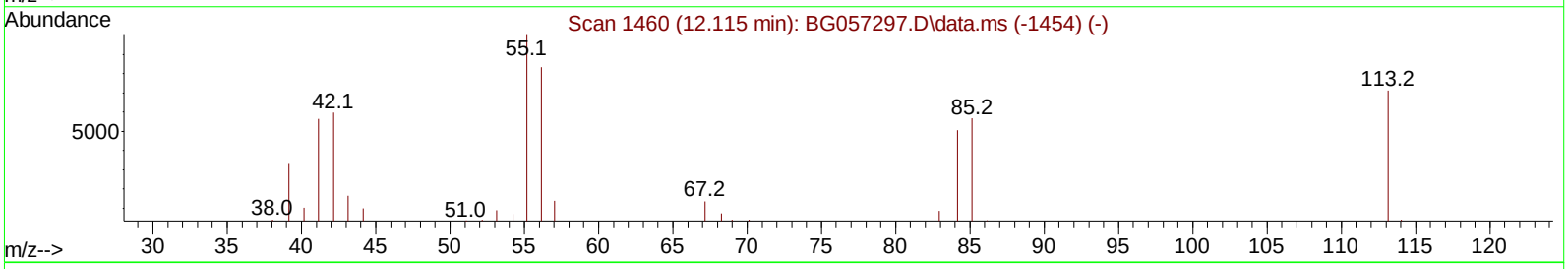

TIC: BG057308.D\data.ms

(34) Caprolactam

12.115min (-0.002) 20.58 ng/ul

response 6662

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.90	160.80
56.00	123.40	124.11
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
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Misc :
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Quant Time: May 05 01:44:51 2023
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Quant Title : SVOA CALIBRATION
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Instrument :
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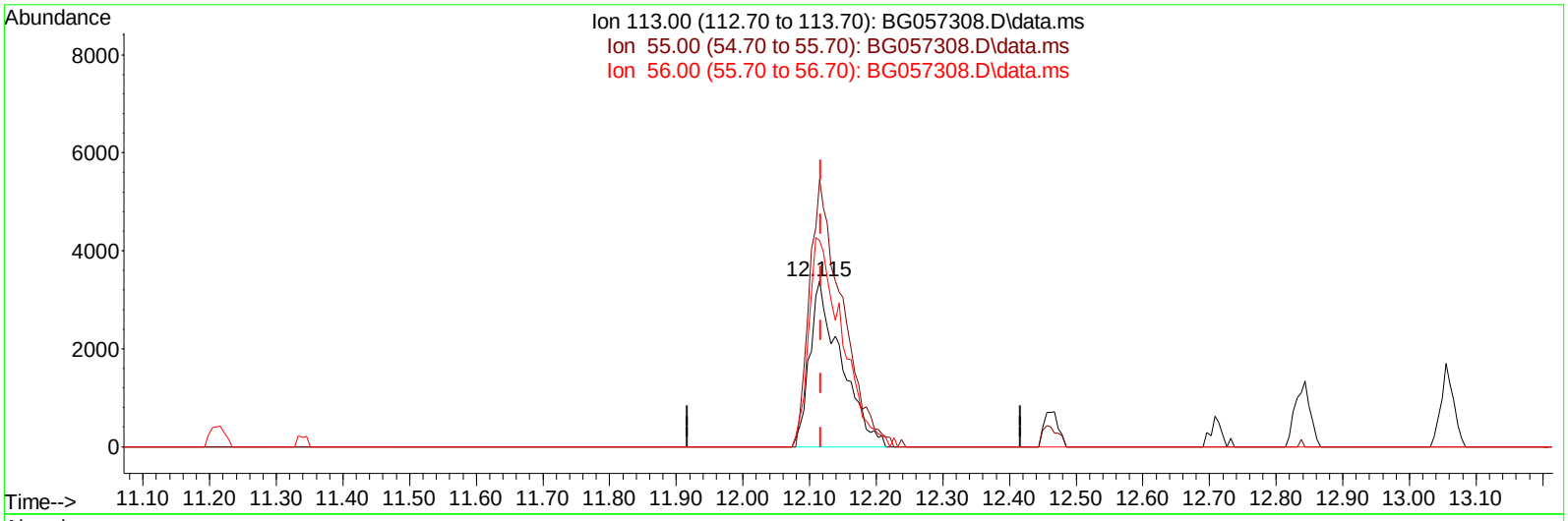

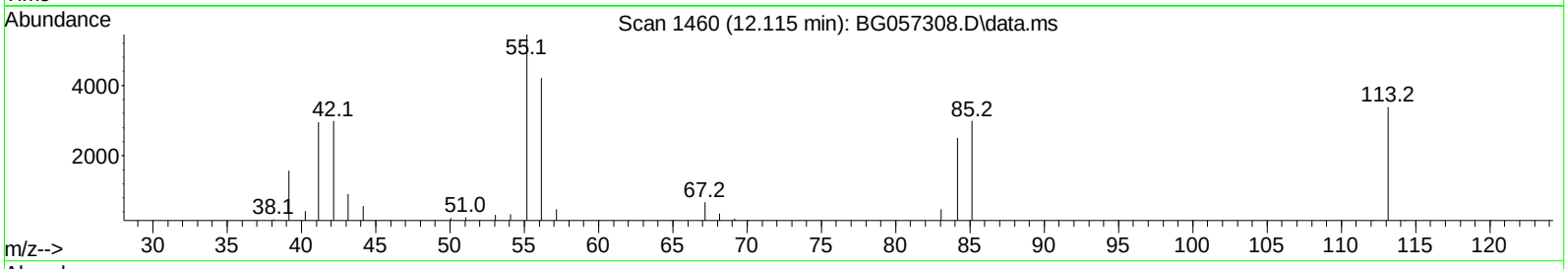

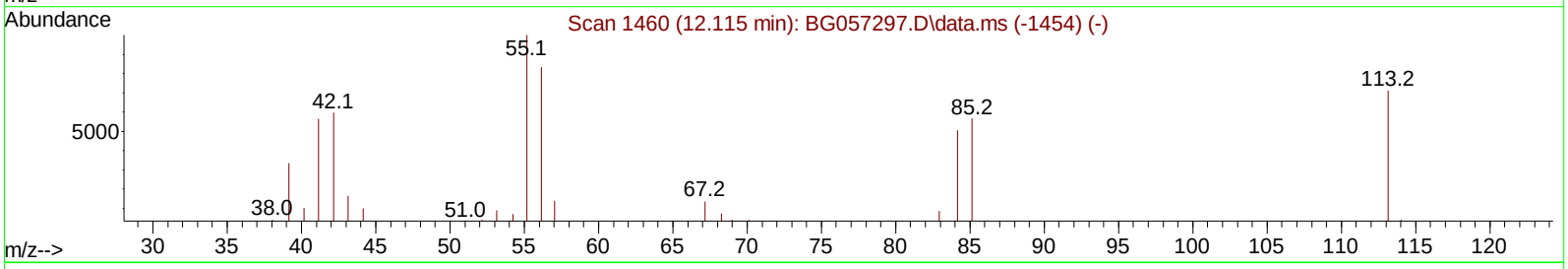

TIC: BG057308.D\data.ms

(34) Caprolactam

12.115min (-0.002) 34.30 ng/ul m

response 11102

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.90	160.80
56.00	123.40	124.11
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
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Operator : CG/JU
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Misc :
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Instrument :
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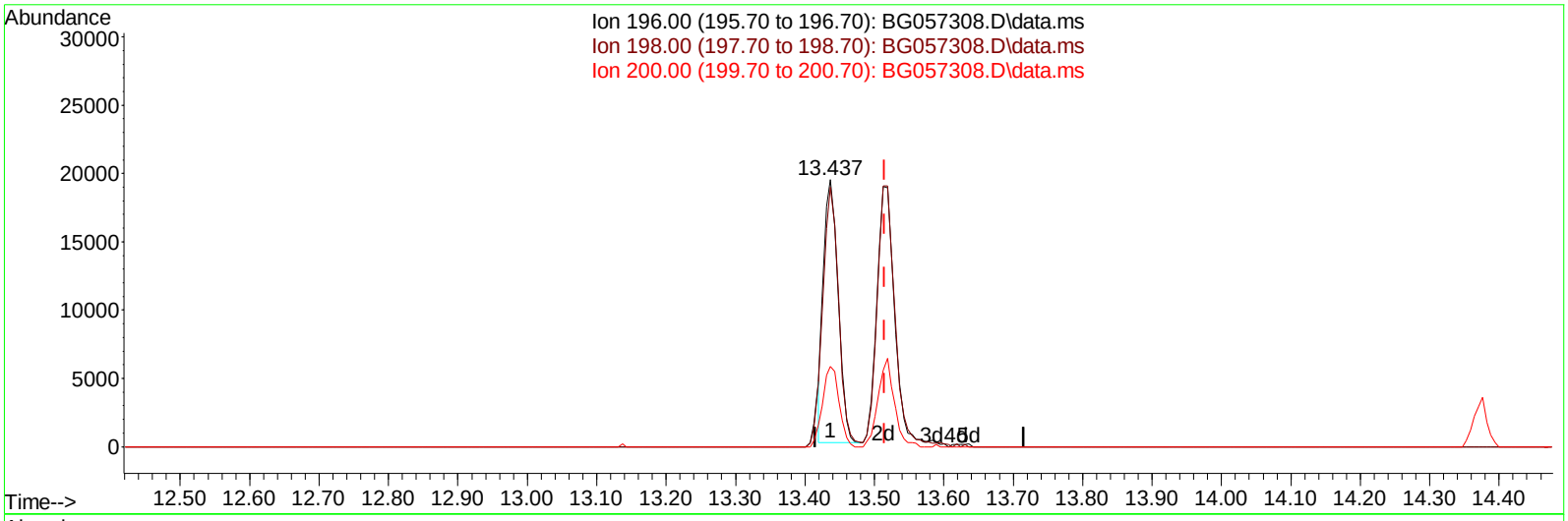

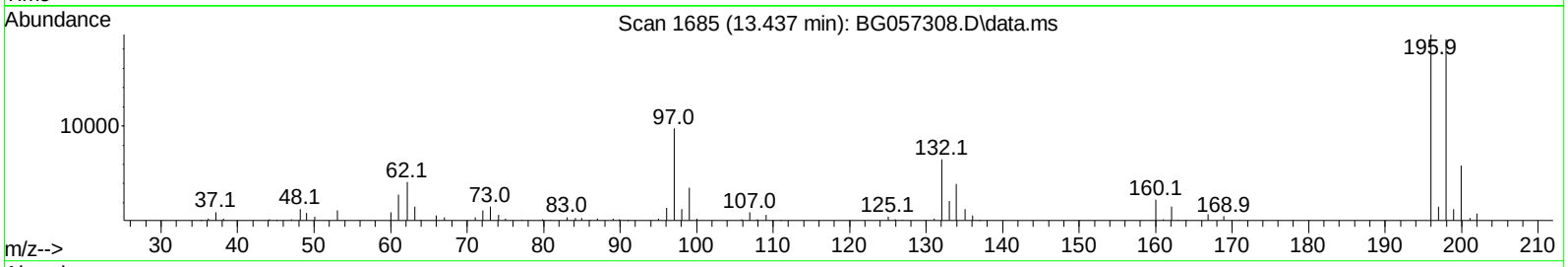

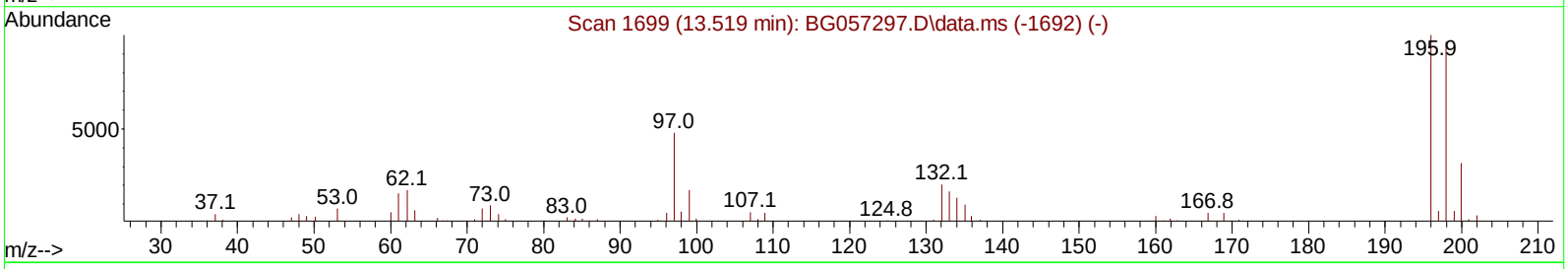

TIC: BG057308.D\data.ms

(42) 2,4,5-Trichlorophenol

13.437min (-0.079) 25.63 ng/ul

response 28438

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	107.10	97.17
200.00	37.40	30.10
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
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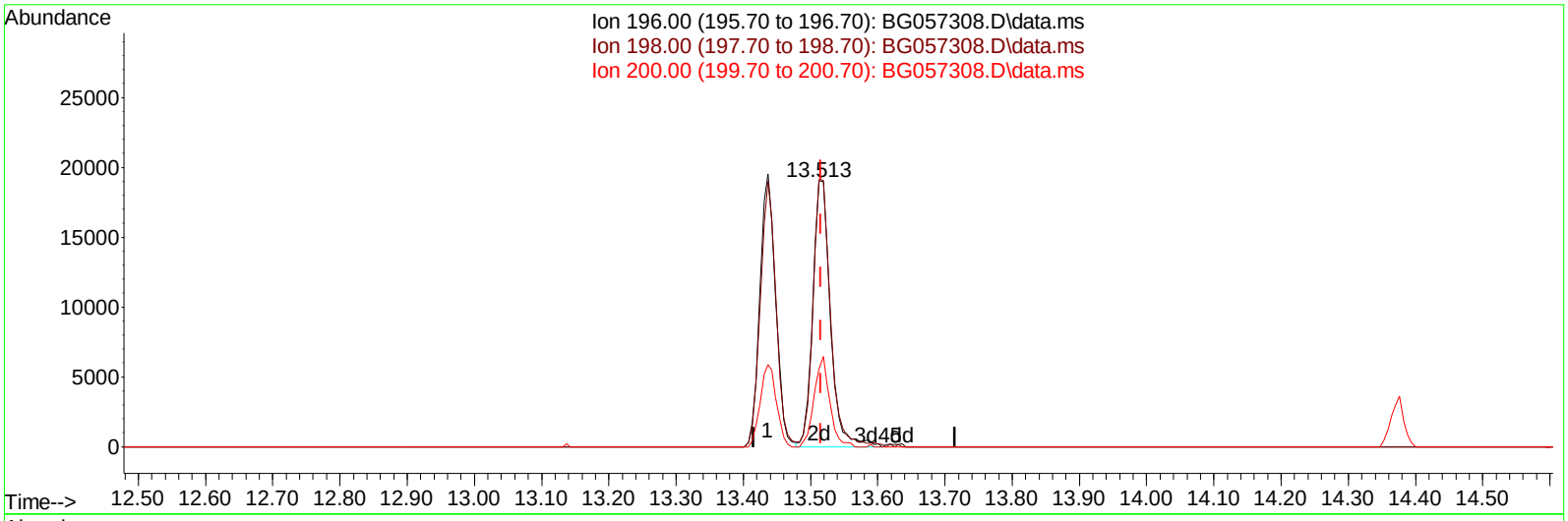

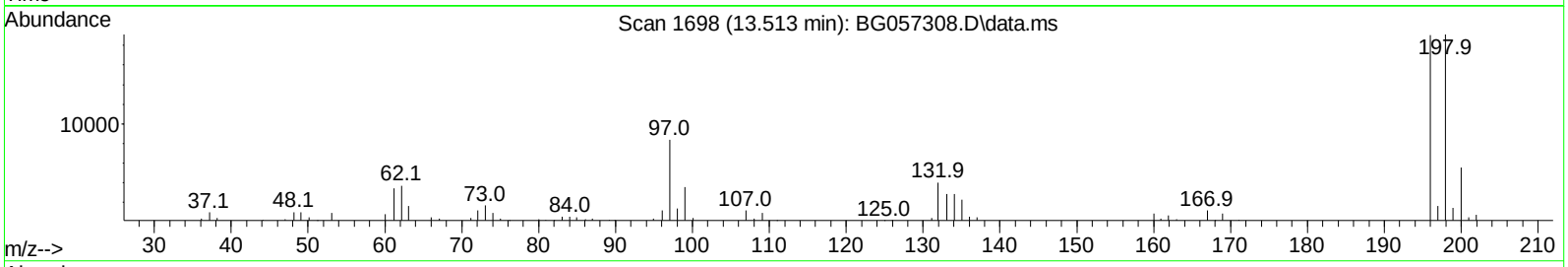

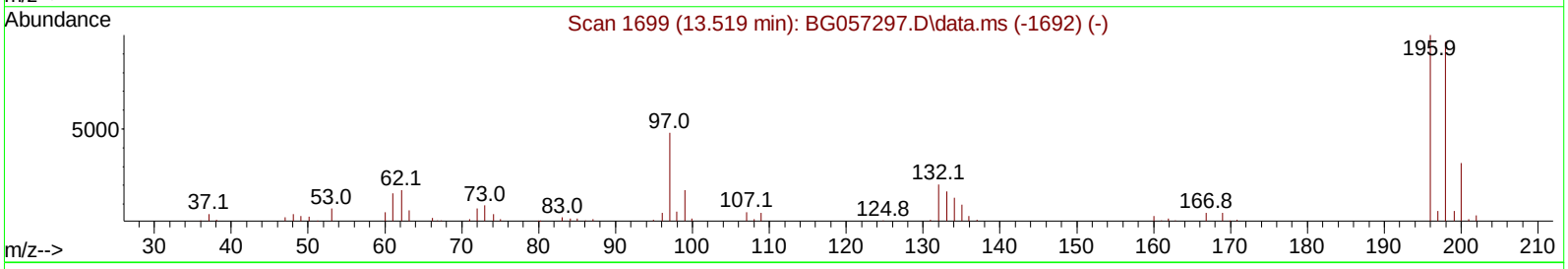

TIC: BG057308.D\data.ms

(42) 2,4,5-Trichlorophenol

13.513min (-0.003) 31.39 ng/ul m

response 34824

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	107.10	100.42
200.00	37.40	29.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
Data File : BG057308.D
Acq On : 4 May 2023 19:31
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 05 02:40:04 2023
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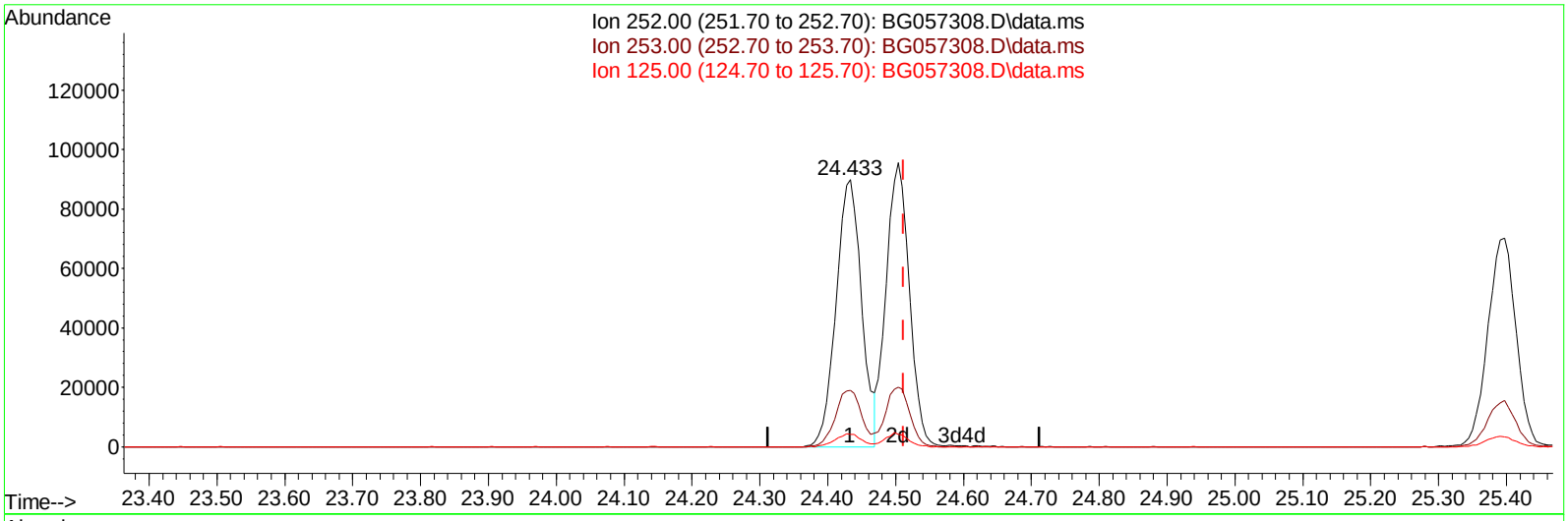

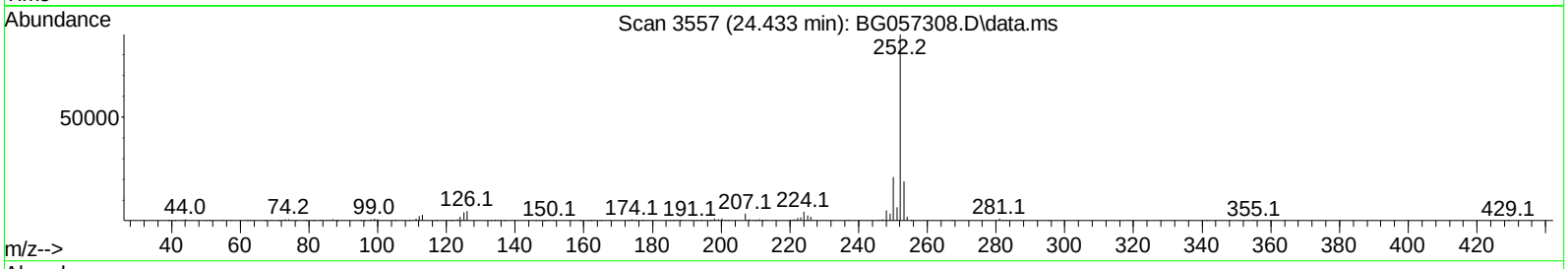

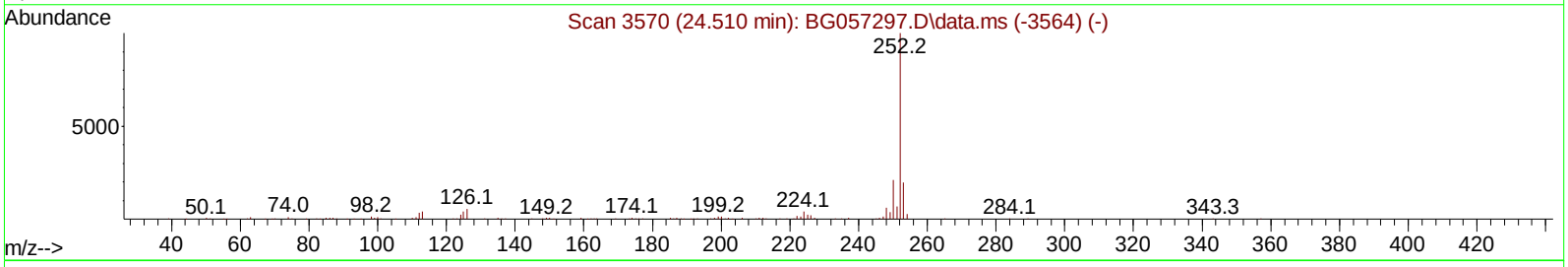

TIC: BG057308.D\data.ms

(91) Benzo(k)fluoranthene

24.433min (-0.079) 30.63 ng/ul

response 235350

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.11
125.00	5.60	4.61
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
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Acq On : 4 May 2023 19:31
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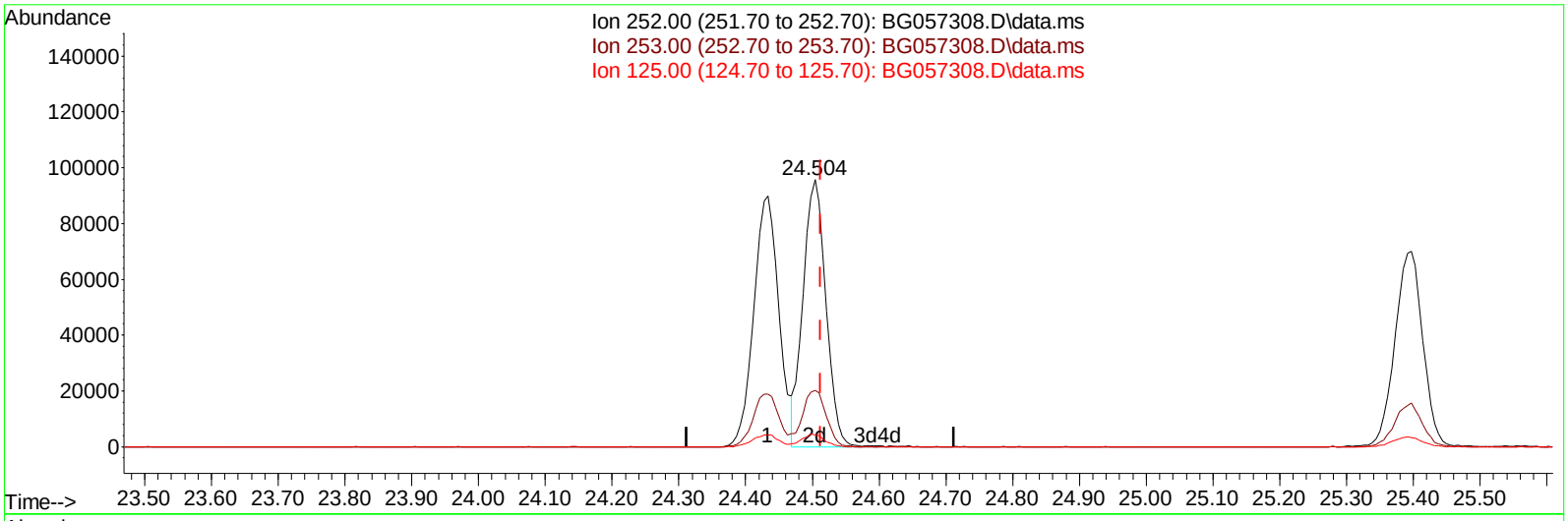

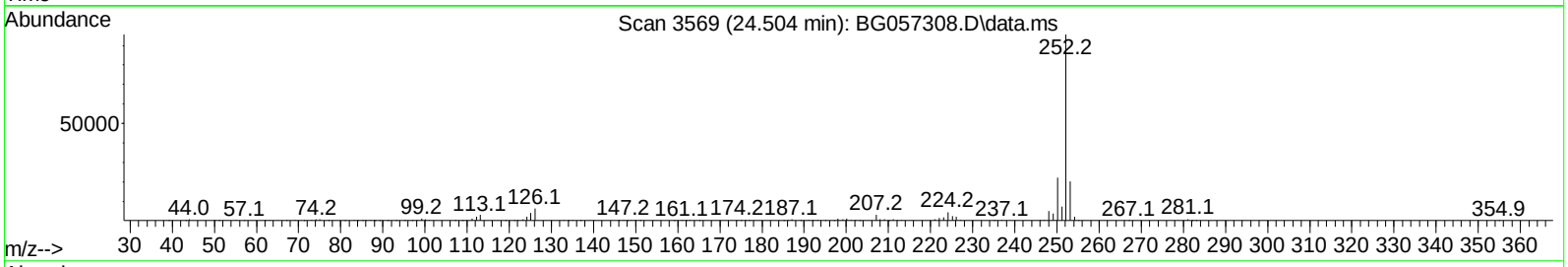

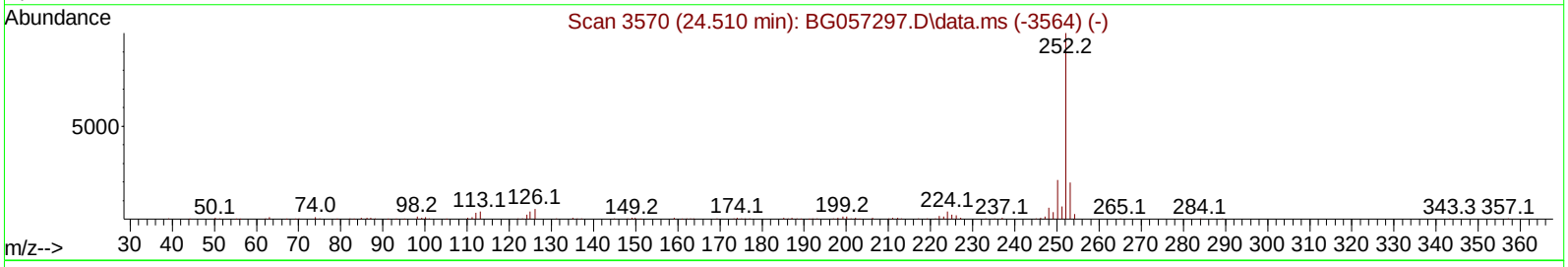

TIC: BG057308.D\data.ms

(91) Benzo(k)fluoranthene

24.504min (-0.008) 29.61 ng/ul m

response 227506

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.03
125.00	5.60	4.39#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.373	152	12500	20.000	ng/ul		0.00
20) Naphthalene-d8	11.210	136	56488	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.987	164	48828	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.731	188	128955	20.000	ng/ul		0.00
79) Chrysene-d12	22.043	240	108874	20.000	ng/ul		0.00
88) Perylene-d12	25.561	264	114063	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.656	96	1279	4.503	ng/uL		0.00
4) Pyridine-d5	4.090	84	19628	21.918	ng/ul		0.00
7) Phenol-d5	7.515	99	34051	28.805	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.674	67	18077	25.999	ng/ul		0.00
11) 2-Chlorophenol-d4	7.897	132	23414	30.056	ng/ul		0.00
15) 4-Methylphenol-d8	9.078	113	26735	29.756	ng/ul		0.00
21) Nitrobenzene-d5	9.554	128	12261	27.256	ng/ul		0.00
24) 2-Nitrophenol-d4	10.282	143	15736	29.974	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.828	165	30913	30.520	ng/ul		0.00
31) 4-Chloroaniline-d4	11.339	131	34546	25.734	ng/ul		0.00
46) Dimethylphthalate-d6	14.371	166	113321	29.290	ng/ul		0.00
49) Acenaphthylene-d8	14.688	160	126375	29.062	ng/ul		0.00
54) 4-Nitrophenol-d4	15.175	143	15459	27.450	ng/ul		0.00
60) Fluorene-d10	15.974	176	104664	29.039	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	16.098	200	21308	27.889	ng/ul		0.00
73) Anthracene-d10	17.831	188	172646	29.331	ng/ul		0.00
81) Pyrene-d10	20.092	212	200751	31.065	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.315	264	173125	29.792	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.685	88	3066	10.178	ng/uL	#	79
5) Pyridine	4.114	79	21769	23.060	ng/ul	#	83
6) Benzaldehyde	7.497	77	21133m	58.532	ng/ul		
8) Phenol	7.545	94	34658	29.088	ng/ul		98
10) Bis(2-Chloroethyl)ether	7.774	93	23777	26.664	ng/ul		94
12) 2-Chlorophenol	7.938	128	25001	30.554	ng/ul		93
13) 2-Methylphenol	8.813	108	27131	29.382	ng/ul		89
14) 2,2'-oxybis(1-Chloropr...	8.890	45	28268	24.587	ng/ul	#	91
16) Acetophenone	9.201	105	45141	29.198	ng/ul		99
17) N-Nitroso-di-n-propyla...	9.172	70	24364	27.423	ng/ul		96
18) 4-Methylphenol	9.142	108	30258	30.274	ng/ul		100
19) Hexachloroethane	9.471	117	9957	29.084	ng/ul		93
22) Nitrobenzene	9.595	77	36450	27.211	ng/ul		99
23) Isophorone	10.112	82	70814	27.785	ng/ul		99
25) 2-Nitrophenol	10.317	139	16174	30.417	ng/ul		93
26) 2,4-Dimethylphenol	10.358	107	35454	29.391	ng/ul		96
27) Bis(2-Chloroethoxy)met...	10.587	93	35859	27.067	ng/ul		97
29) 2,4-Dichlorophenol	10.858	162	29805	31.002	ng/ul		98
30) Naphthalene	11.263	128	88468	28.524	ng/ul		99
32) 4-Chloroaniline	11.363	127	32879	23.506	ng/ul		97
33) Hexachlorobutadiene	11.533	225	23234	28.493	ng/ul		99
34) Caprolactam	12.115	113	11102m	34.302	ng/ul		
35) 4-Chloro-3-methylphenol	12.461	107	35001	31.641	ng/ul		100

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.843	142	68203	29.986 ng/ul	99
37) 1-Methylnaphthalene	13.055	142	70151	30.673 ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	13.202	216	50832	28.647 ng/ul	97
40) Hexachlorocyclopentadiene	13.172	237	9997	11.290 ng/ul	93
41) 2,4,6-Trichlorophenol	13.437	196	31900	30.868 ng/ul	93
42) 2,4,5-Trichlorophenol	13.513	196	34824m	31.386 ng/ul	
43) 1,1'-Biphenyl	13.824	154	102477	27.505 ng/ul	98
44) 2-Chloronaphthalene	13.877	162	81095	28.072 ng/ul	97
45) 2-Nitroaniline	14.071	65	26091	29.917 ng/ul	93
47) Dimethylphthalate	14.418	163	113093	29.108 ng/ul	99
48) 2,6-Dinitrotoluene	14.553	165	24463	30.595 ng/ul	96
50) Acenaphthylene	14.717	152	128285	29.031 ng/ul	100
51) 3-Nitroaniline	14.887	138	21765	38.417 ng/ul	96
52) Acenaphthene	15.052	153	88187	28.010 ng/ul	99
53) 2,4-Dinitrophenol	15.105	184	11737	27.564 ng/ul	88
55) 4-Nitrophenol	15.193	109	18219	28.538 ng/ul	96
56) Dibenzofuran	15.381	168	132775	29.203 ng/ul	98
57) 2,4-Dinitrotoluene	15.340	165	35663	31.157 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.610	232	31090	30.837 ng/ul	98
59) Diethylphthalate	15.769	149	116576	29.533 ng/ul	99
61) Fluorene	16.027	166	113244	29.456 ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.009	204	65693	29.276 ng/ul	97
63) 4-Nitroaniline	16.045	138	22907	42.696 ng/ul	93
66) 4,6-Dinitro-2-methylph...	16.109	198	22003	28.261 ng/ul#	98
67) N-Nitrosodiphenylamine	16.221	169	95263	28.280 ng/ul	99
68) 4-Bromophenyl-phenylether	16.902	248	44920	29.144 ng/ul	95
69) Hexachlorobenzene	17.038	284	48708	30.010 ng/ul	99
70) Atrazine	17.155	200	38482	25.704 ng/ul	99
71) Pentachlorophenol	17.384	266	18654	24.865 ng/ul	97
72) Phenanthrene	17.772	178	195815	29.159 ng/ul	99
74) Anthracene	17.866	178	197417	29.266 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.801	216	52796	27.220 ng/uL	98
76) Pentachlorobenzene	15.305	250	53952	27.327 ng/uL	99
77) Carbazole	18.124	167	171282	30.384 ng/ul	99
78) Di-n-butylphthalate	18.641	149	197278	30.604 ng/ul	100
80) Fluoranthene	19.763	202	243758	31.753 ng/ul	97
82) Pyrene	20.122	202	241054	31.018 ng/ul	98
83) Butylbenzylphthalate	20.973	149	81780	32.860 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.913	252	81781	33.823 ng/ul	96
85) Benzo(a)anthracene	22.019	228	231305	30.039 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.860	149	111937	30.925 ng/ul	98
87) Chrysene	22.095	228	218082	30.019 ng/ul	98
89) Di-n-octyl phthalate	23.165	149	189259	30.047 ng/ul	100
90) Benzo(b)fluoranthene	24.433	252	235350	29.796 ng/ul#	99
91) Benzo(k)fluoranthene	24.504	252	227506m	29.606 ng/ul	
93) Benzo(a)pyrene	25.397	252	203241	29.804 ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.632	276	257575	30.217 ng/ul	98
95) Dibenzo(a,h)anthracene	29.685	278	216663	30.653 ng/ul	98
96) Benzo(g,h,i)perylene	30.901	276	207632	30.097 ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SLCS587

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
Data File : BG057308.D
Acq On : 4 May 2023 19:31
Operator : CG/JU
Sample : PB152587BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 05 02:41:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS587

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023