Quantitation Report (Qedit)

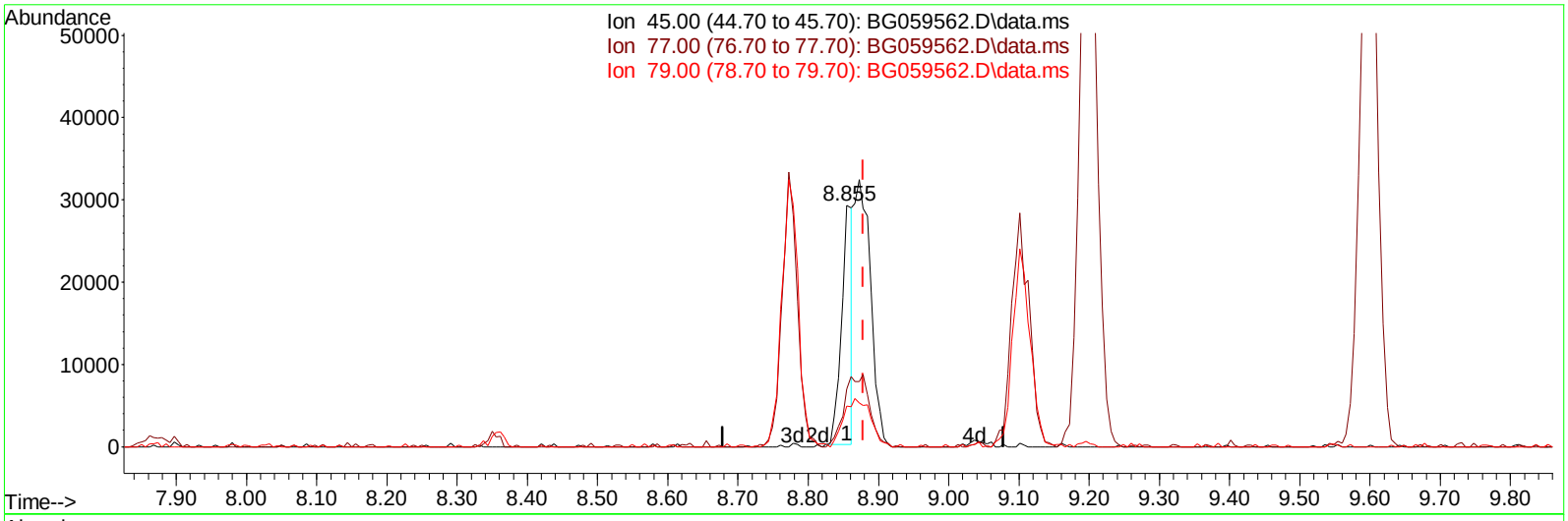
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059562.D
Acq On : 31 Oct 2023 15:27
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

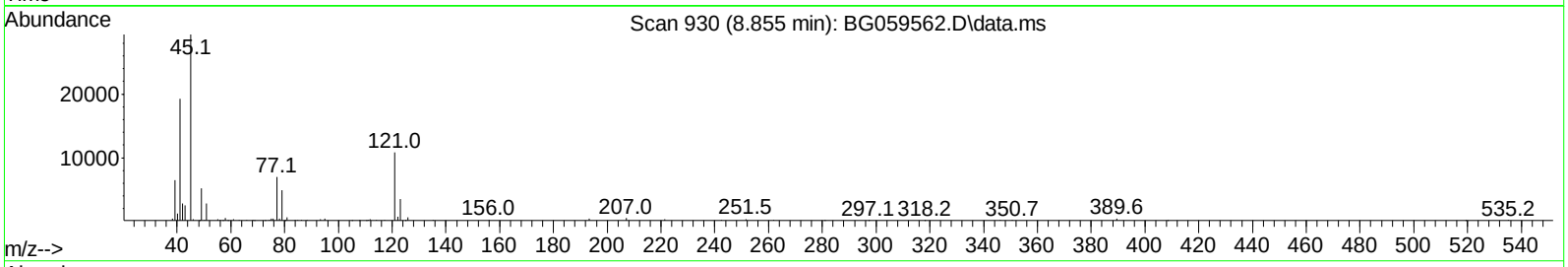
Quant Time: Nov 01 03:18:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

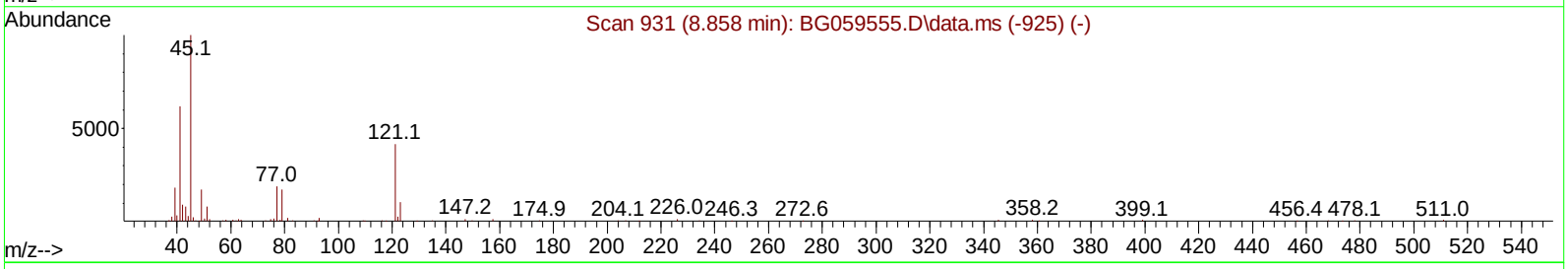
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023







TIC: BG059562.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.855min (-0.023) 5.92 ng/ul

response 30852

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	18.80	23.87#
79.00	12.50	16.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
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BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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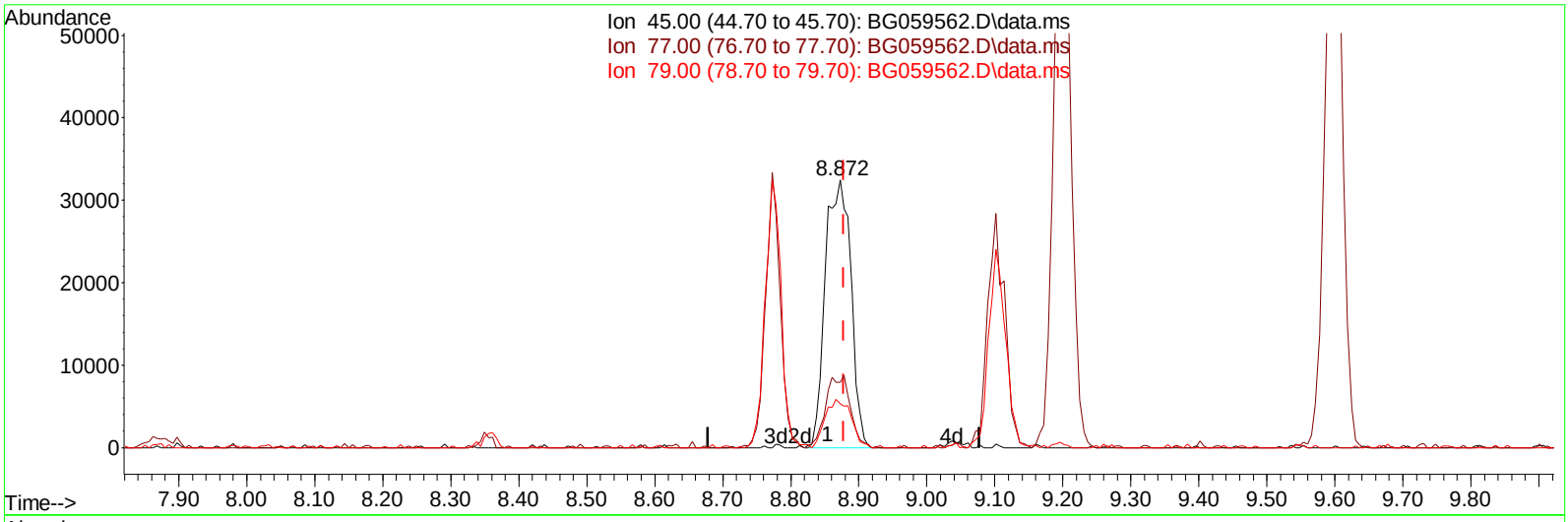

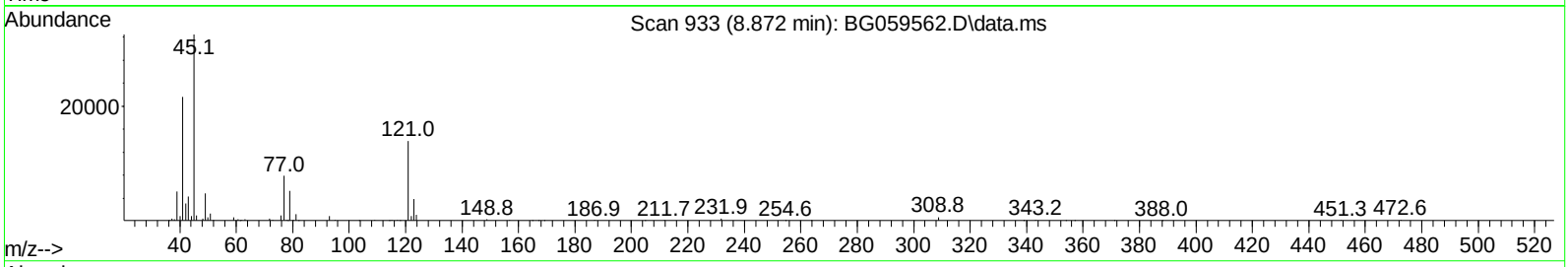

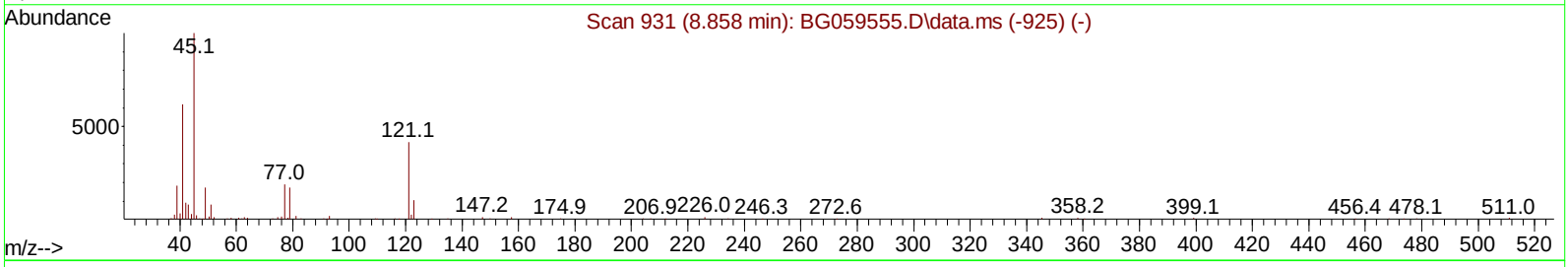

TIC: BG059562.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.872min (-0.006) 16.26 ng/ul m

response 84680

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	18.80	24.42#
79.00	12.50	16.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059562.D
Acq On : 31 Oct 2023 15:27
Operator : MA/JU
Sample : SSTDCCC020
Misc :
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Quant Time: Nov 01 03:18:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

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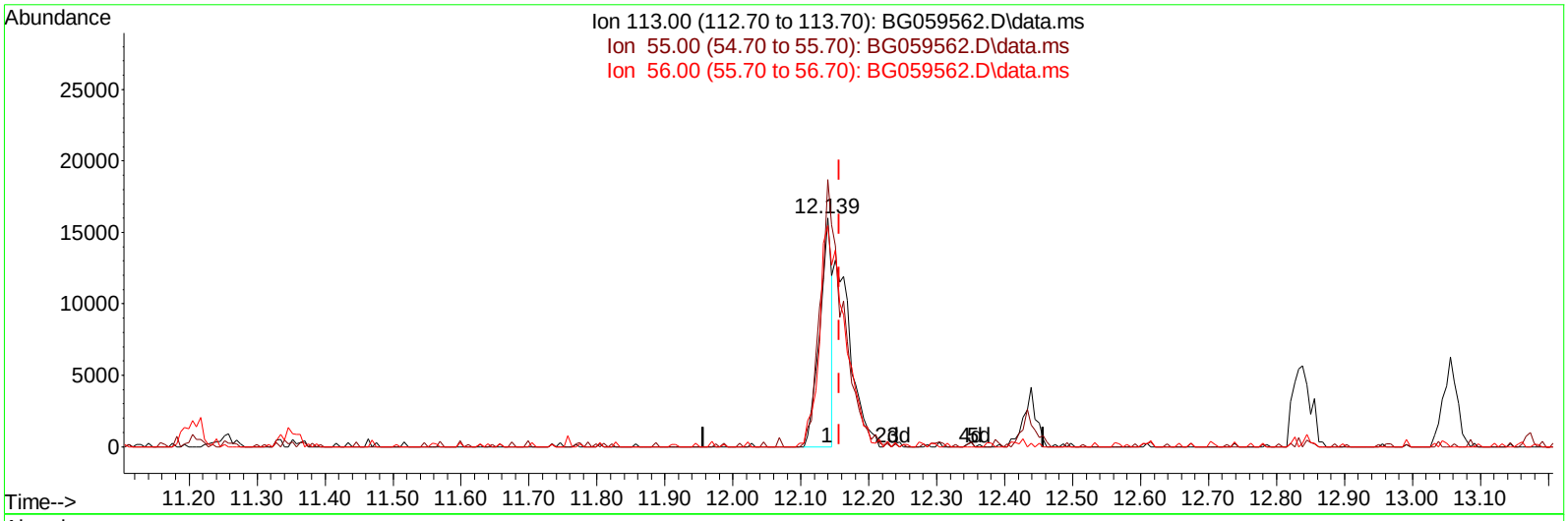

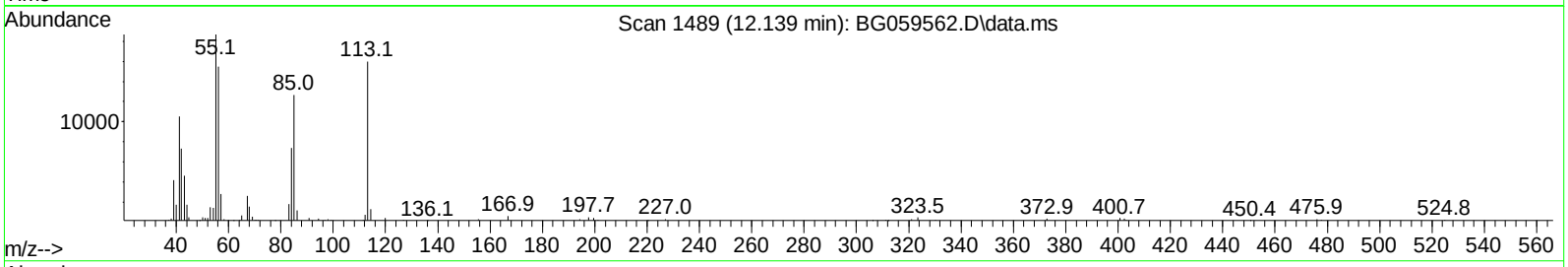

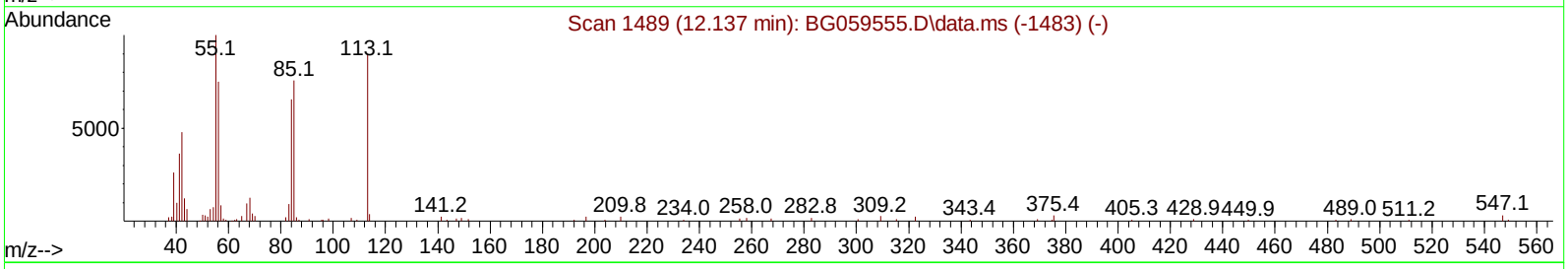

TIC: BG059562.D\data.ms

(34) Caprolactam

12.139min (-0.018) 9.54 ng/ul

response 19822

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	108.60	116.74
56.00	80.50	96.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
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Quant Time: Nov 01 03:18:47 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
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Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/02/2023
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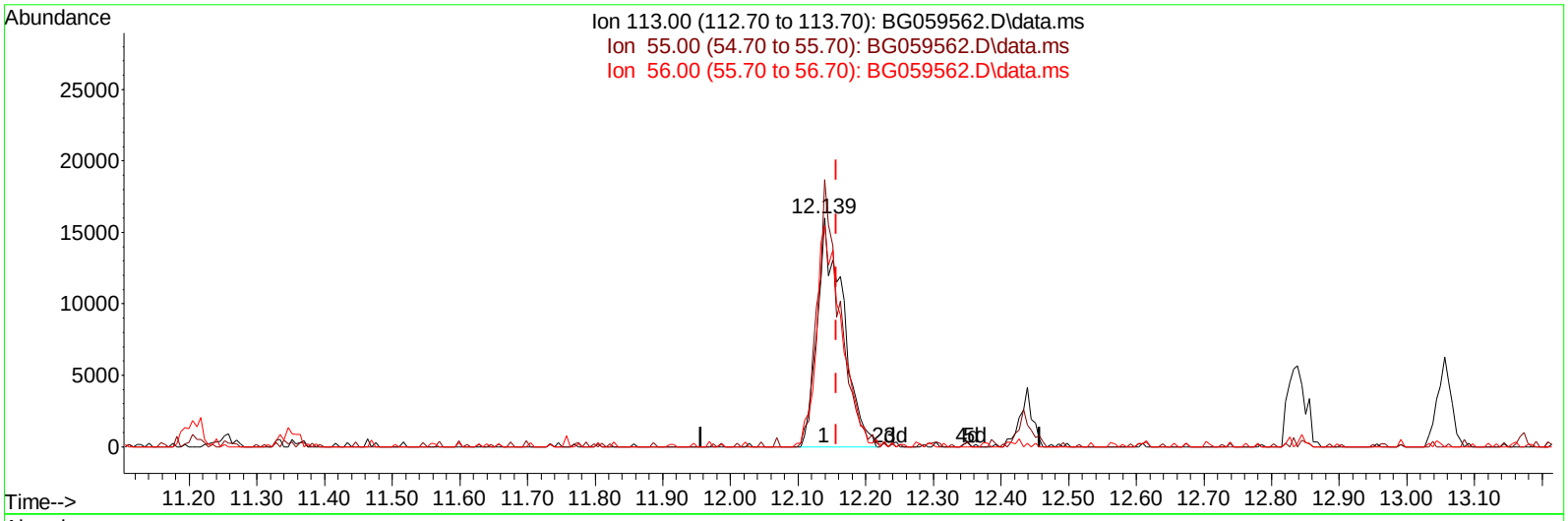

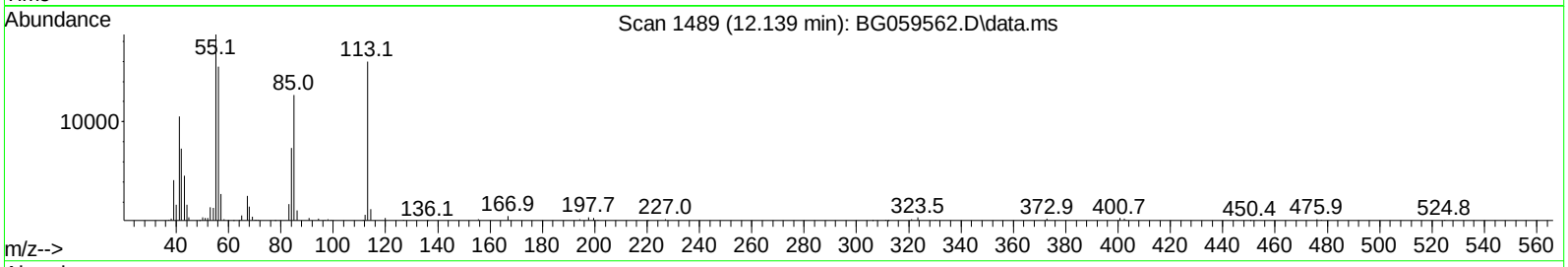

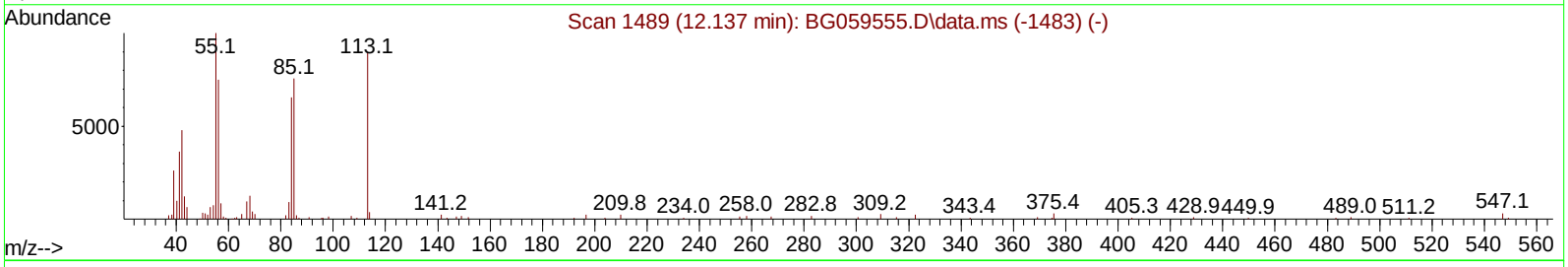

TIC: BG059562.D\data.ms

(34) Caprolactam

12.139min (-0.018) 20.48 ng/ul m

response 42563

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	108.60	116.74
56.00	80.50	96.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059562.D
Acq On : 31 Oct 2023 15:27
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 01 03:18:47 2023
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Manual IntegrationsAPPROVED

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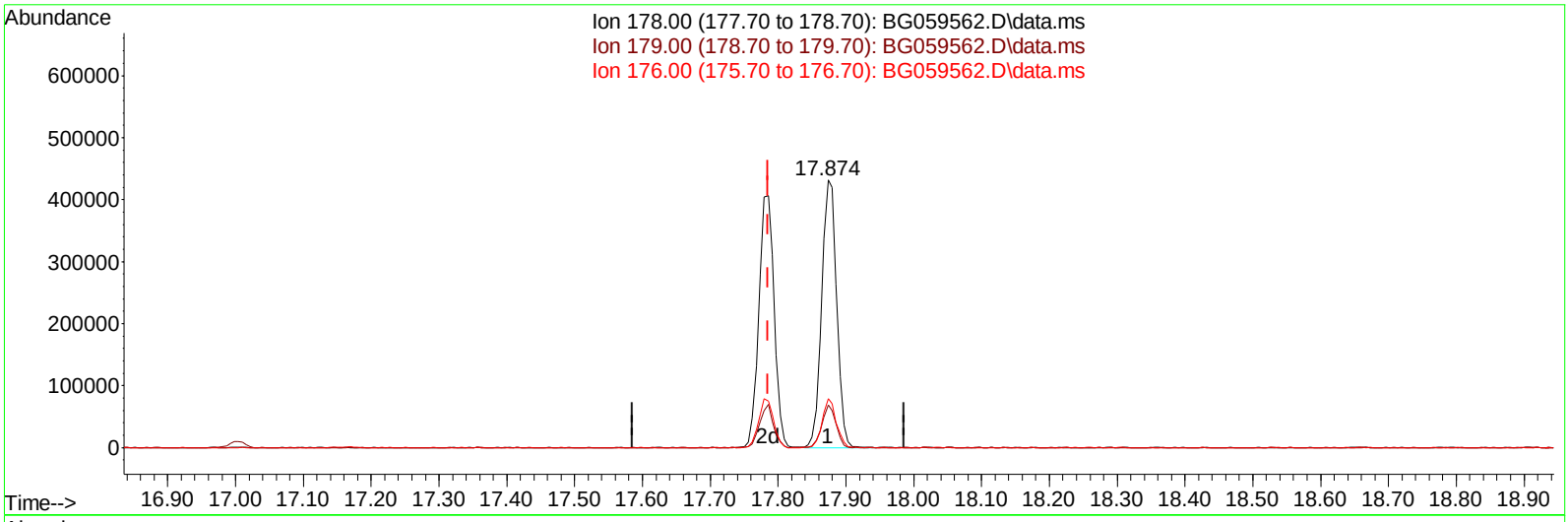

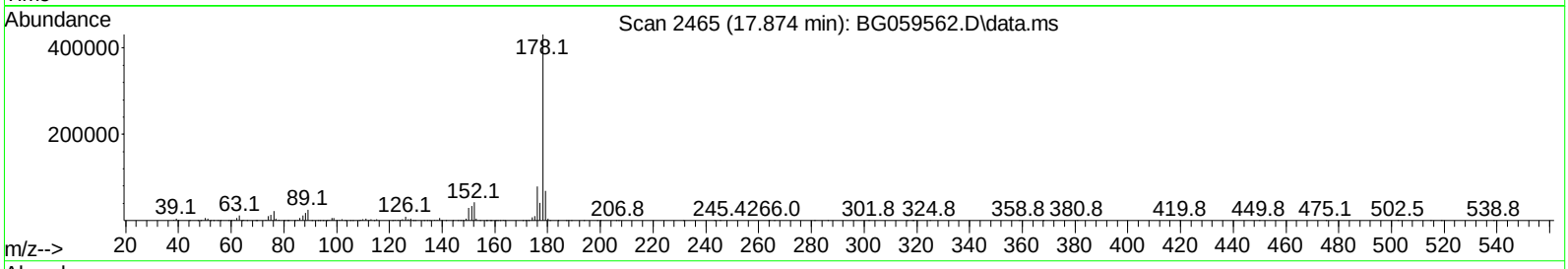

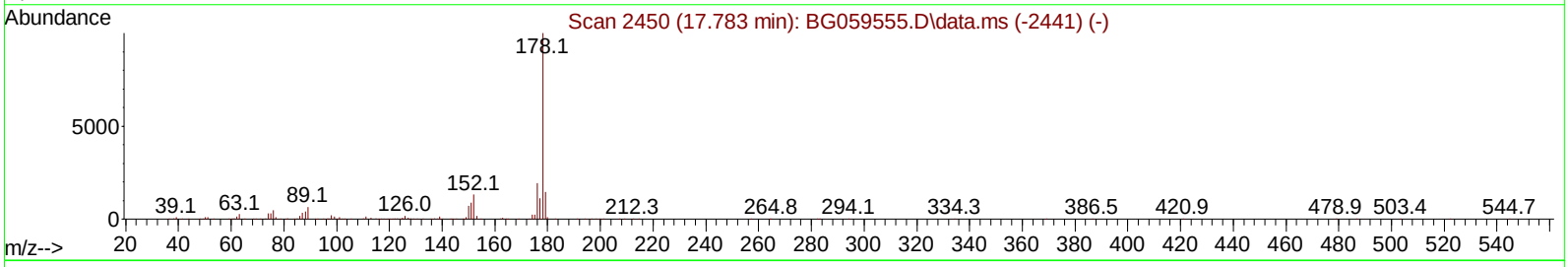

TIC: BG059562.D\data.ms

(72) Phenanthrene

17.874min (+ 0.088) 19.47 ng/ul

response 660632

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.10	15.84
176.00	19.20	18.31
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/02/2023
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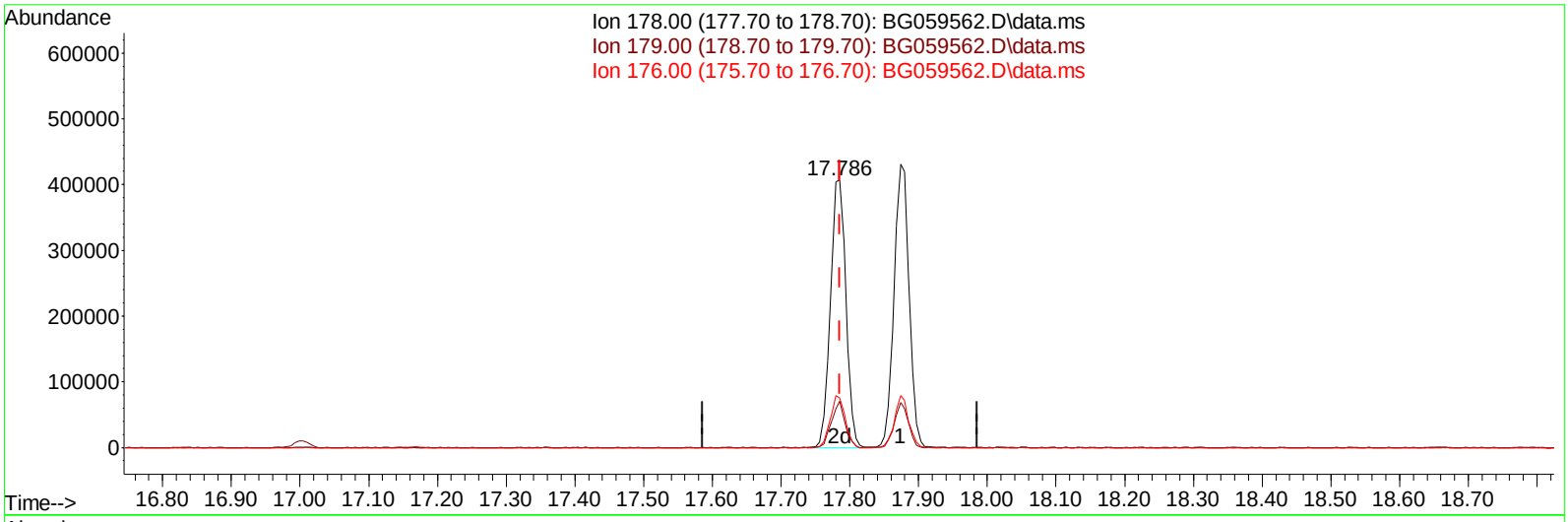

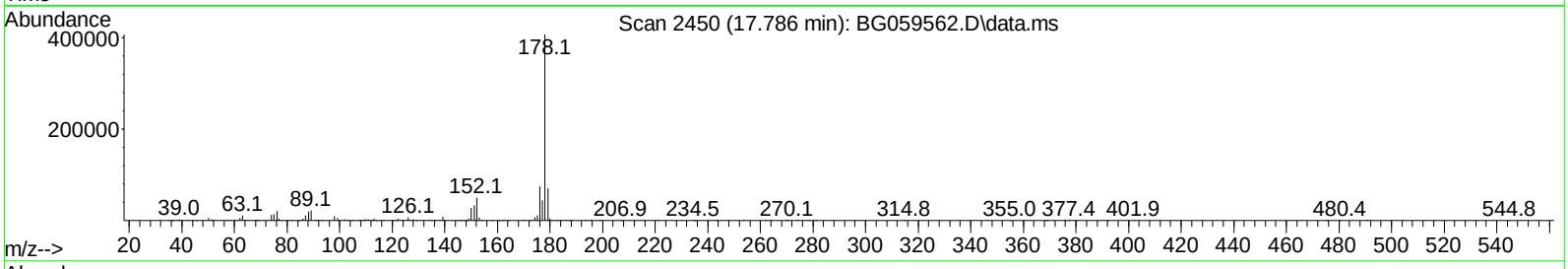

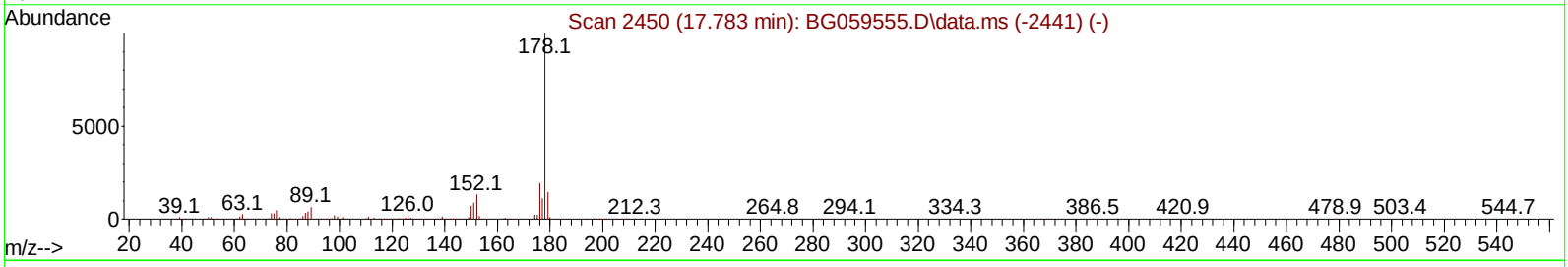

TIC: BG059562.D\data.ms

(72) Phenanthrene

17.786min (+ 0.000) 18.82 ng/ul m

response 638674

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.10	17.27#
176.00	19.20	18.48
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059562.D
Acq On : 31 Oct 2023 15:27
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 01 03:18:47 2023
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Manual IntegrationsAPPROVED

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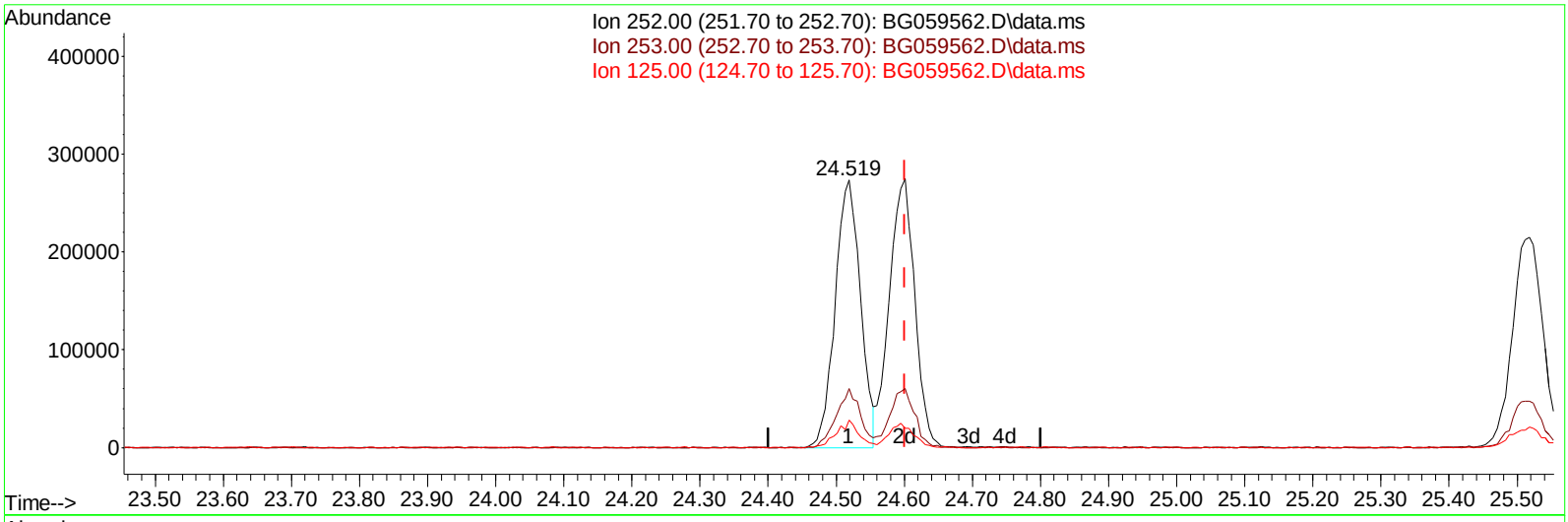

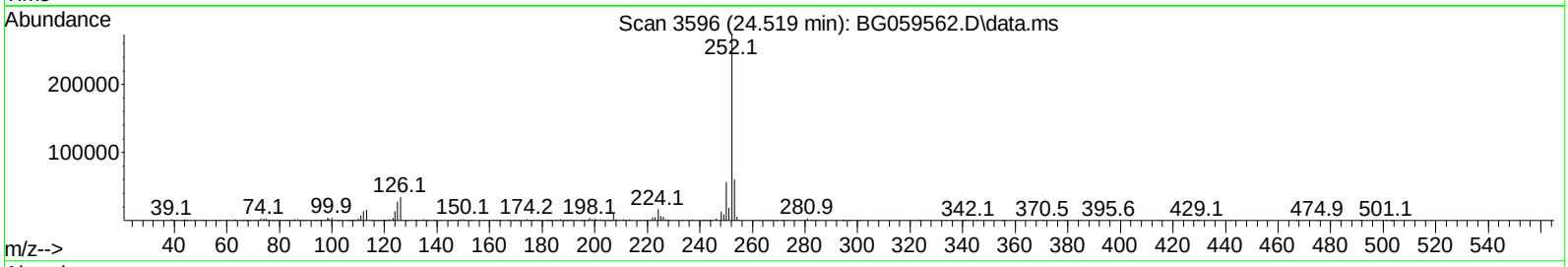

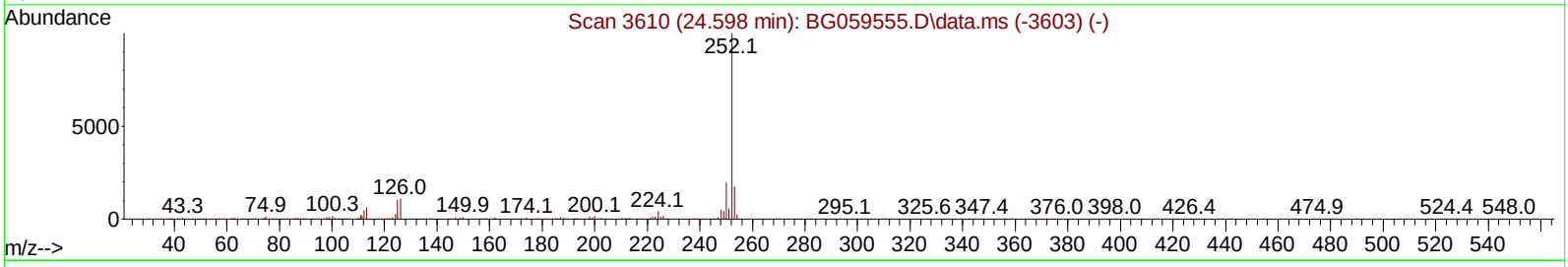

TIC: BG059562.D\data.ms

(91) Benzo(k)fluoranthene

24.519min (-0.082) 18.90 ng/ul

response 706571

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.40	22.13
125.00	9.90	10.21
0.00	0.00	0.00

Quantitation Report (Qedit)

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LabSampleId :
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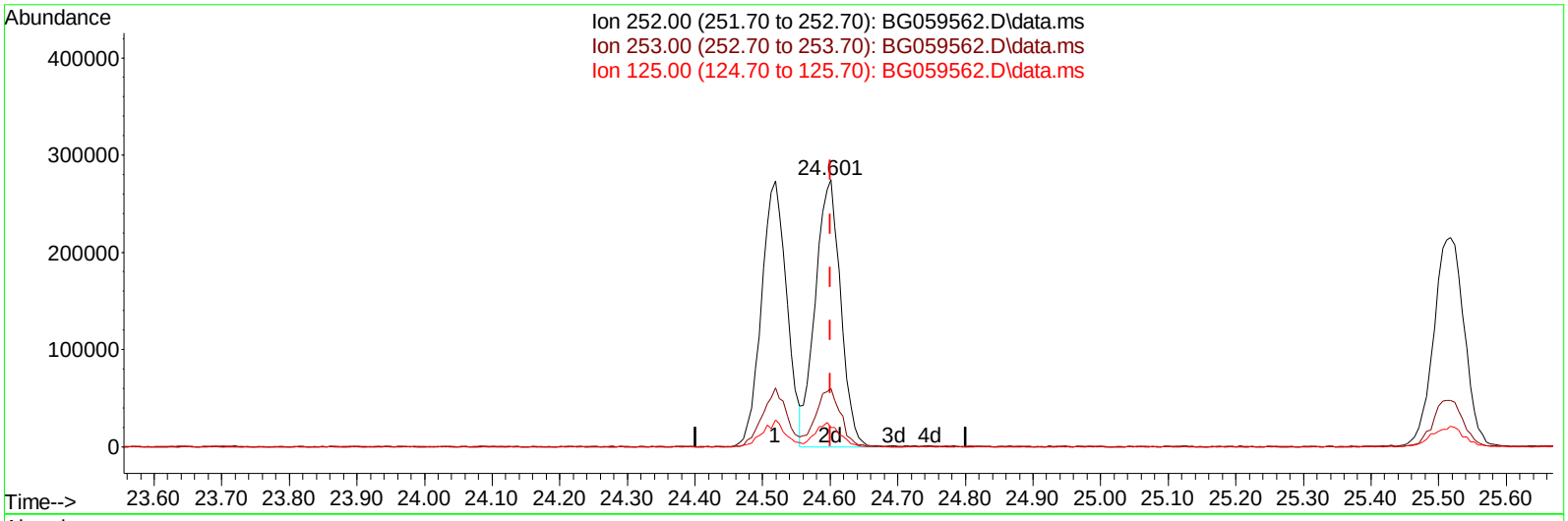

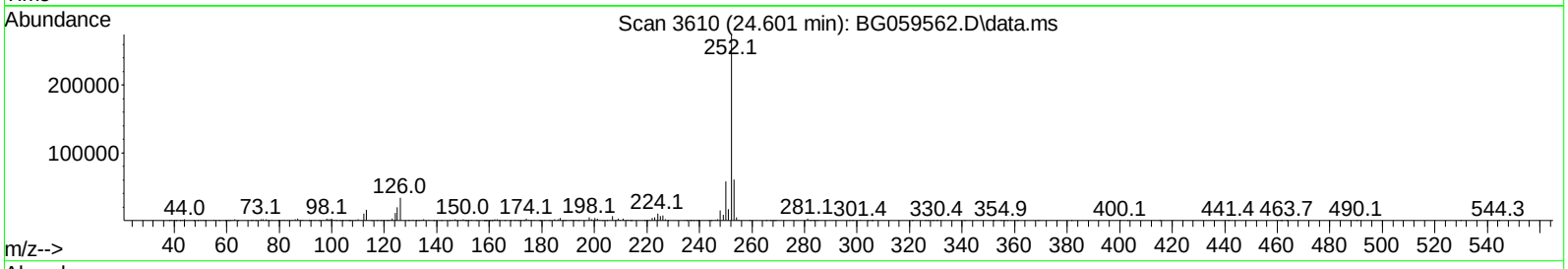

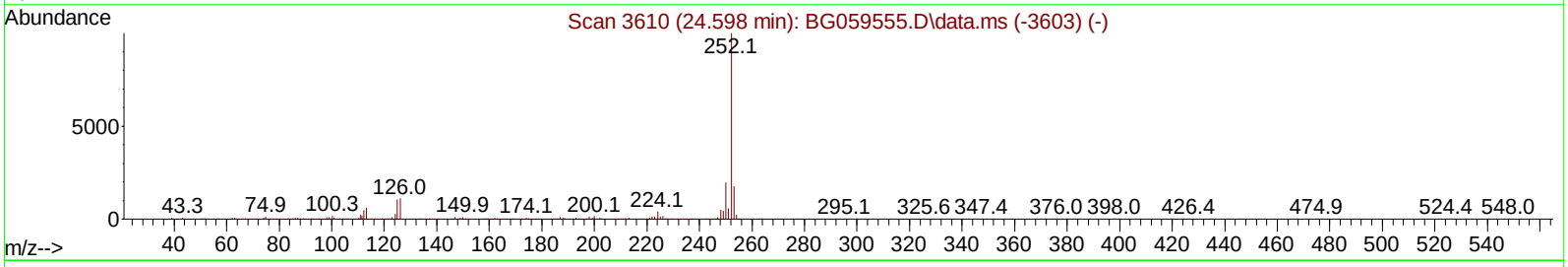

TIC: BG059562.D\data.ms

(91) Benzo(k)fluoranthene

24.601min (+ 0.000) 19.05 ng/ul m

response 712077

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.40	21.92
125.00	9.90	7.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
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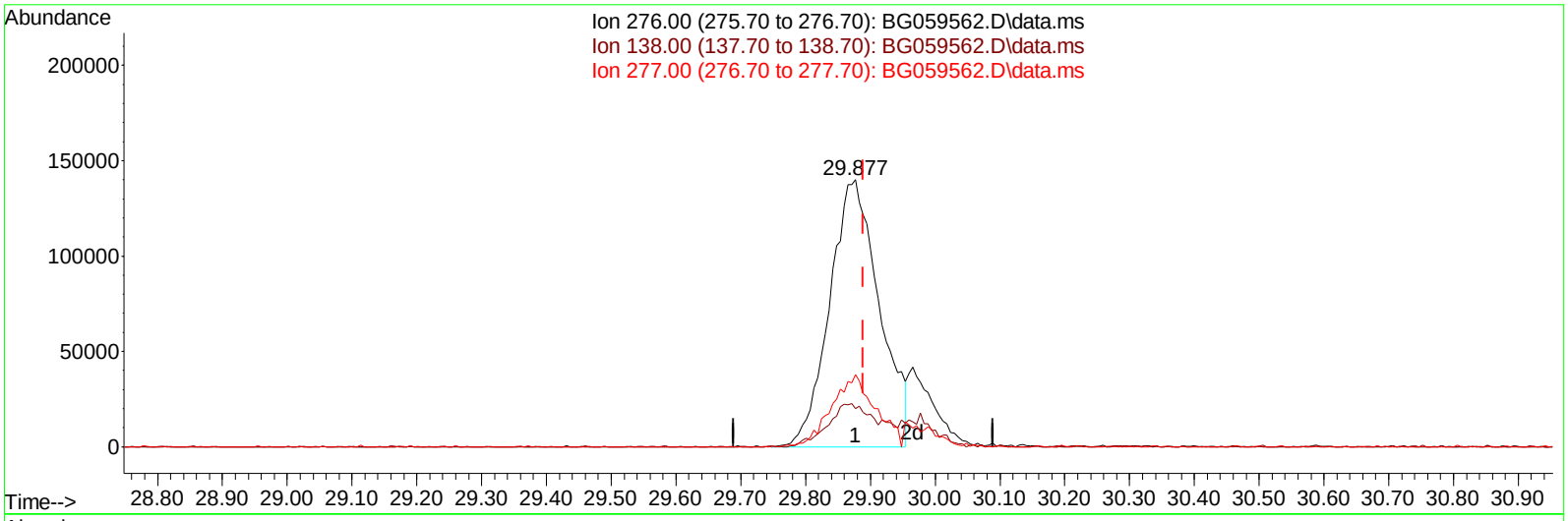

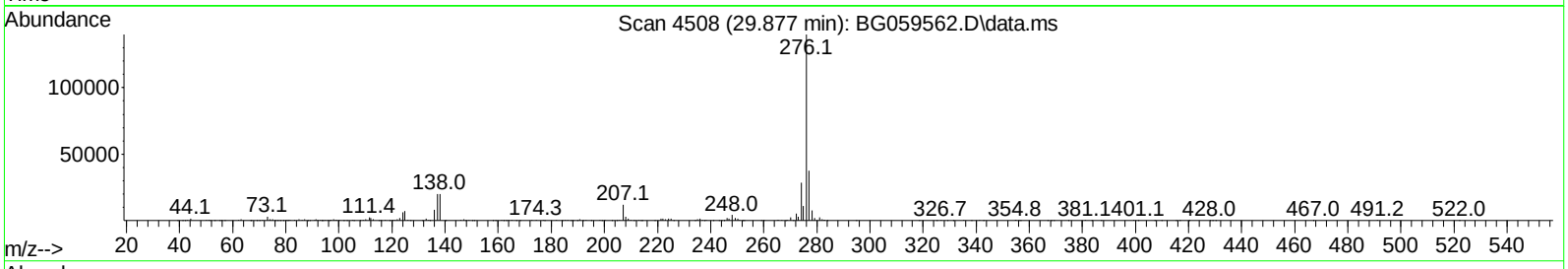

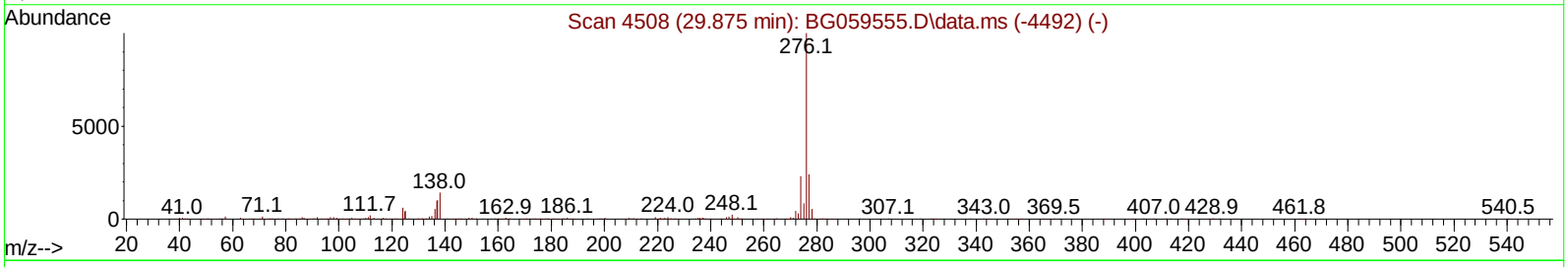

TIC: BG059562.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.877min (-0.012) 16.64 ng/ul

response 746190

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	14.31#
277.00	20.50	27.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

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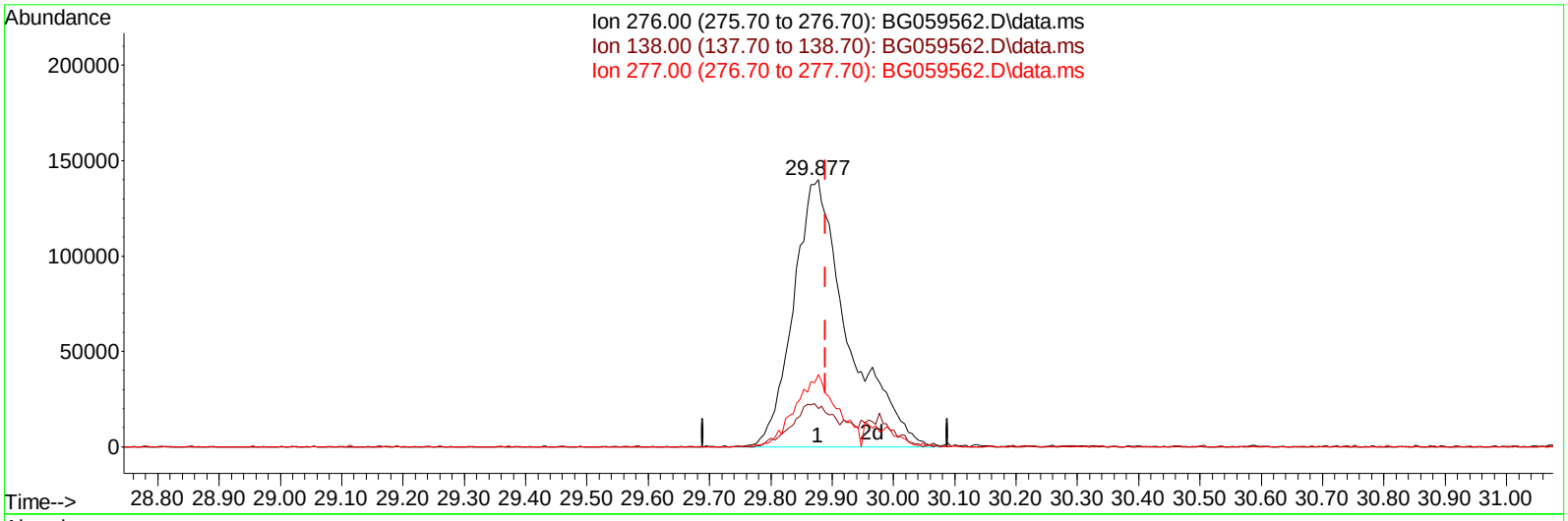

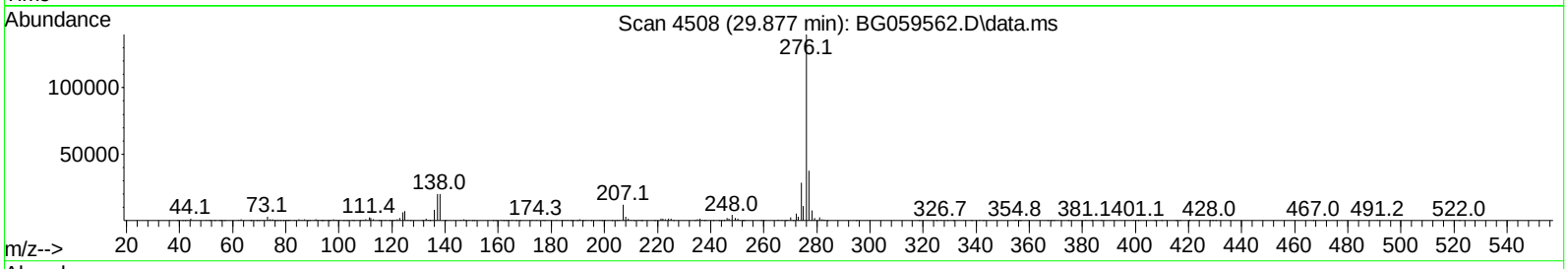

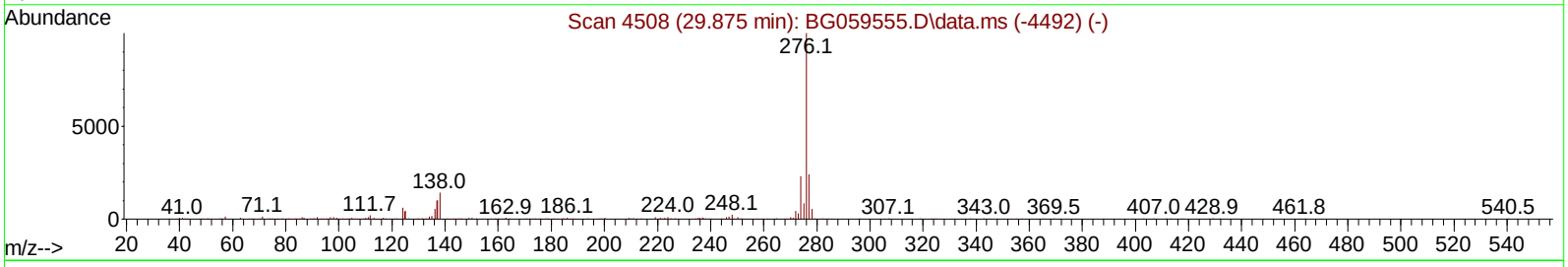

TIC: BG059562.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.877min (-0.012) 19.20 ng/ul m

response 860956

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	14.31#
277.00	20.50	27.02#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059562.D
Acq On : 31 Oct 2023 15:27
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 01 04:04:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
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QLast Update : Sat Oct 28 03:56:42 2023
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LabSampleId :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	77886	20.000	ng/ul	0.00
20) Naphthalene-d8	11.205	136	365122	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.989	164	246306	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.739	188	521946	20.000	ng/ul	0.00
79) Chrysene-d12	22.081	240	494676	20.000	ng/ul	0.00
88) Perylene-d12	25.682	264	516383	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.649	96	20535	9.865	ng/uL	0.00
4) Pyridine-d5	4.084	84	112325	19.309	ng/ul	0.00
7) Phenol-d5	7.462	99	151105	18.880	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.674	67	67307	18.309	ng/ul	0.00
11) 2-Chlorophenol-d4	7.874	132	119567	18.414	ng/ul	0.00
15) 4-Methylphenol-d8	9.037	113	121504	19.135	ng/ul	0.00
21) Nitrobenzene-d5	9.548	128	60479	23.296	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.277	143	63811	23.942	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.805	165	118591	20.196	ng/ul	0.00
31) 4-Chloroaniline-d4	11.346	131	185736	19.215	ng/ul	0.00
46) Dimethylphthalate-d6	14.384	166	388983	17.432	ng/ul	0.00
49) Acenaphthylene-d8	14.689	160	466511	17.814	ng/ul	0.00
54) 4-Nitrophenol-d4	15.147	143	80248	20.971	ng/ul	0.00
60) Fluorene-d10	15.976	176	341024	17.882	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.076	200	52454	21.221	ng/ul	0.00
73) Anthracene-d10	17.838	188	539442	19.077	ng/ul	0.00
81) Pyrene-d10	20.106	212	666254	19.377	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.435	264	584026	19.207	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.690	88	14898	6.394	ng/uL#	79
5) Pyridine	4.107	79	109352	19.057	ng/ul	89
6) Benzaldehyde	7.498	77	82357	22.845	ng/ul	97
8) Phenol	7.492	94	144912	19.205	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.768	93	102363	18.500	ng/ul	98
12) 2-Chlorophenol	7.903	128	126838	19.704	ng/ul	96
13) 2-Methylphenol	8.773	108	115459	18.356	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.872	45	84680m	16.262	ng/ul	
16) Acetophenone	9.201	105	183304	18.313	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.160	70	75904	16.094	ng/ul#	94
18) 4-Methylphenol	9.102	108	123119	18.396	ng/ul	97
19) Hexachloroethane	9.448	117	47410	18.544	ng/ul#	79
22) Nitrobenzene	9.595	77	123955	22.121	ng/ul	98
23) Isophorone	10.106	82	239992	17.007	ng/ul#	91
25) 2-Nitrophenol	10.306	139	65540	22.865	ng/ul#	82
26) 2,4-Dimethylphenol	10.330	107	138593	18.383	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.588	93	144027	18.330	ng/ul	94
29) 2,4-Dichlorophenol	10.829	162	113996	20.066	ng/ul#	84
30) Naphthalene	11.258	128	427605	18.790	ng/ul#	97
32) 4-Chloroaniline	11.370	127	180482	19.656	ng/ul	91
33) Hexachlorobutadiene	11.487	225	64127	18.816	ng/ul	95
34) Caprolactam	12.139	113	42563m	20.480	ng/ul	
35) 4-Chloro-3-methylphenol	12.433	107	140861	20.781	ng/ul	90

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059562.D
Acq On : 31 Oct 2023 15:27
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 01 04:04:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.838	142	311345	19.886	ng/ul	96
37) 1-Methylnaphthalene	13.050	142	312634	20.048	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	13.179	216	132557	18.659	ng/ul	90
40) Hexachlorocyclopentadiene	13.132	237	65954	15.926	ng/ul	87
41) 2,4,6-Trichlorophenol	13.414	196	92502	18.804	ng/ul	89
42) 2,4,5-Trichlorophenol	13.485	196	102233	19.196	ng/ul	95
43) 1,1'-Biphenyl	13.825	154	396696	17.804	ng/ul	99
44) 2-Chloronaphthalene	13.878	162	305124	17.619	ng/ul	96
45) 2-Nitroaniline	14.090	65	78795	24.453	ng/ul	94
47) Dimethylphthalate	14.431	163	376952	17.098	ng/ul	100
48) 2,6-Dinitrotoluene	14.566	165	69022	20.754	ng/ul#	75
50) Acenaphthylene	14.719	152	538385	17.843	ng/ul	98
51) 3-Nitroaniline	14.907	138	92998	22.434	ng/ul#	86
52) Acenaphthene	15.053	153	342718	17.425	ng/ul	98
53) 2,4-Dinitrophenol	15.100	184	37567	19.880	ng/ul#	86
55) 4-Nitrophenol	15.171	109	92933	22.037	ng/ul	91
56) Dibenzofuran	15.382	168	458412	17.978	ng/ul	95
57) 2,4-Dinitrotoluene	15.341	165	109717	23.454	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.588	232	86544	20.705	ng/ul#	91
59) Diethylphthalate	15.776	149	420476	17.484	ng/ul	99
61) Fluorene	16.035	166	392199	17.817	ng/ul	100
62) 4-Chlorophenyl-phenyle...	16.017	204	169552	18.023	ng/ul	93
63) 4-Nitroaniline	16.070	138	101634	23.102	ng/ul	94
66) 4,6-Dinitro-2-methylph...	16.088	198	58464	22.443	ng/ul#	91
67) N-Nitrosodiphenylamine	16.234	169	332336	18.635	ng/ul	97
68) 4-Bromophenyl-phenylether	16.916	248	101328	19.400	ng/ul	97
69) Hexachlorobenzene	17.004	284	120720	19.999	ng/ul	90
70) Atrazine	17.169	200	108111	19.563	ng/ul#	87
71) Pentachlorophenol	17.357	266	69900	20.270	ng/ul	94
72) Phenanthrene	17.786	178	638674m	18.822	ng/ul	
74) Anthracene	17.874	178	660632	19.283	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.784	216	131757	18.956	ng/uL	85
76) Pentachlorobenzene	15.277	250	131853	19.991	ng/uL	96
77) Carbazole	18.144	167	593130	20.153	ng/ul	95
78) Di-n-butylphthalate	18.661	149	763265	18.874	ng/ul	98
80) Fluoranthene	19.771	202	718139	17.134	ng/ul	99
82) Pyrene	20.142	202	826046	18.974	ng/ul#	95
83) Butylbenzylphthalate	21.005	149	394801	20.080	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.963	252	275928	21.450	ng/ul	97
85) Benzo(a)anthracene	22.057	228	756682	18.588	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.898	149	569985	19.428	ng/ul	99
87) Chrysene	22.128	228	709740	18.742	ng/ul	95
89) Di-n-octyl phthalate	23.256	149	941064	20.815	ng/ul	100
90) Benzo(b)fluoranthene	24.519	252	706571	18.877	ng/ul	99
91) Benzo(k)fluoranthene	24.601	252	712077m	19.045	ng/ul	
93) Benzo(a)pyrene	25.518	252	671649	18.985	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.877	276	860956m	19.200	ng/ul	
95) Dibenzo(a,h)anthracene	29.971	278	708579	19.133	ng/ul#	96
96) Benzo(g,h,i)perylene	31.205	276	675557	18.407	ng/ul	97

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

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059562.D
Acq On : 31 Oct 2023 15:27
Operator : MA/JU
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Misc :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/02/2023
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