Quantitation Report (Qedit)

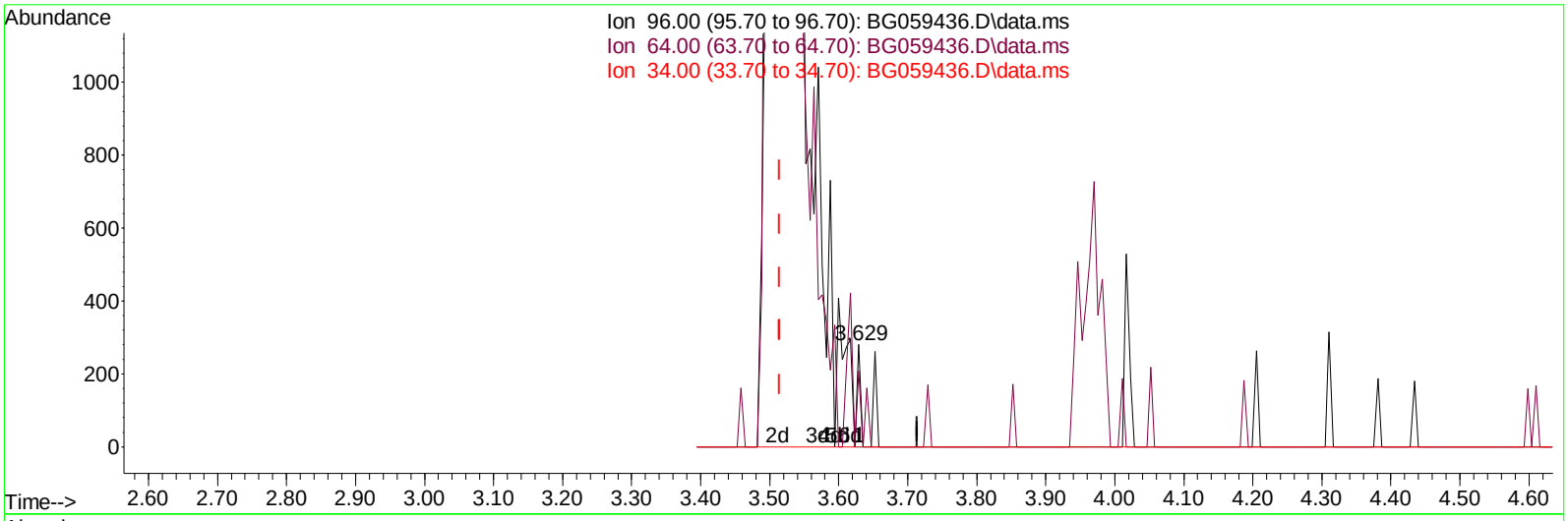
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059436.D
Acq On : 12 Oct 2023 15:03
Operator : MA/JU
Sample : SSTD08047
Misc :
ALS Vial : 6 Sample Multiplier: 1

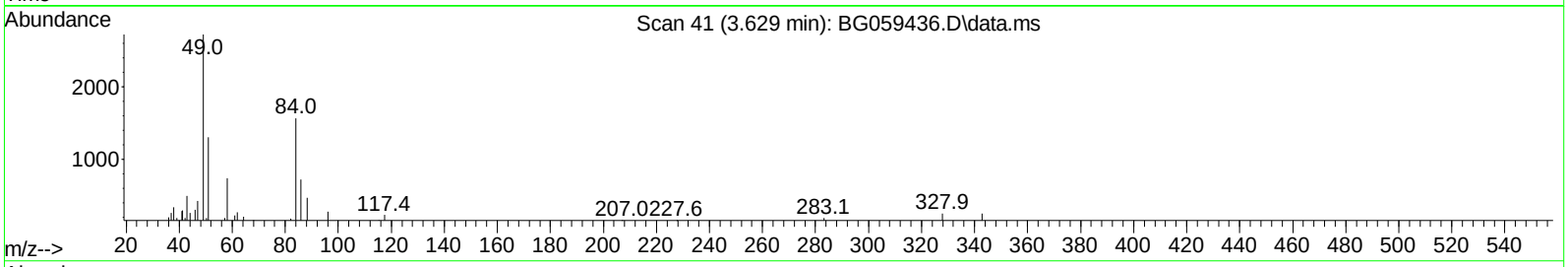
Quant Time: Oct 12 16:46:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 14:55:05 2023
Response via : Initial Calibration

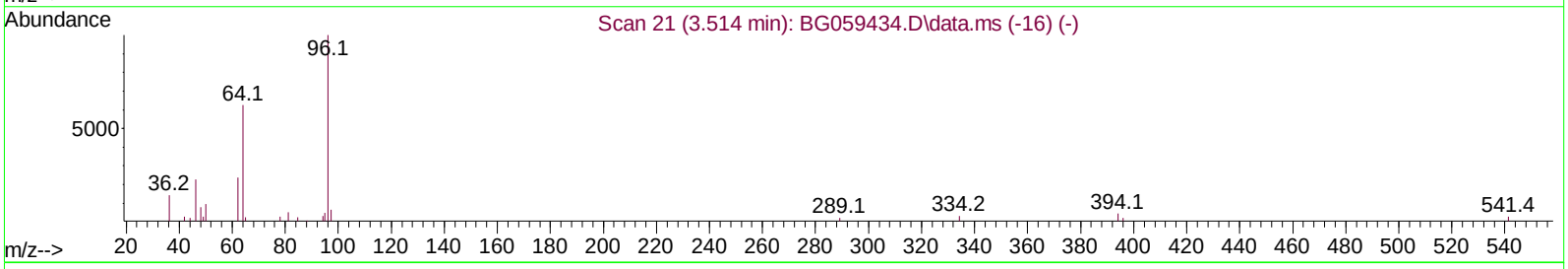
Instrument :
BNA_G
ClientSampleId :
SSTD080410

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023







TIC: BG059436.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.629min (+ 0.115) 0.10 ng/uL

response 99

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.50	74.29
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
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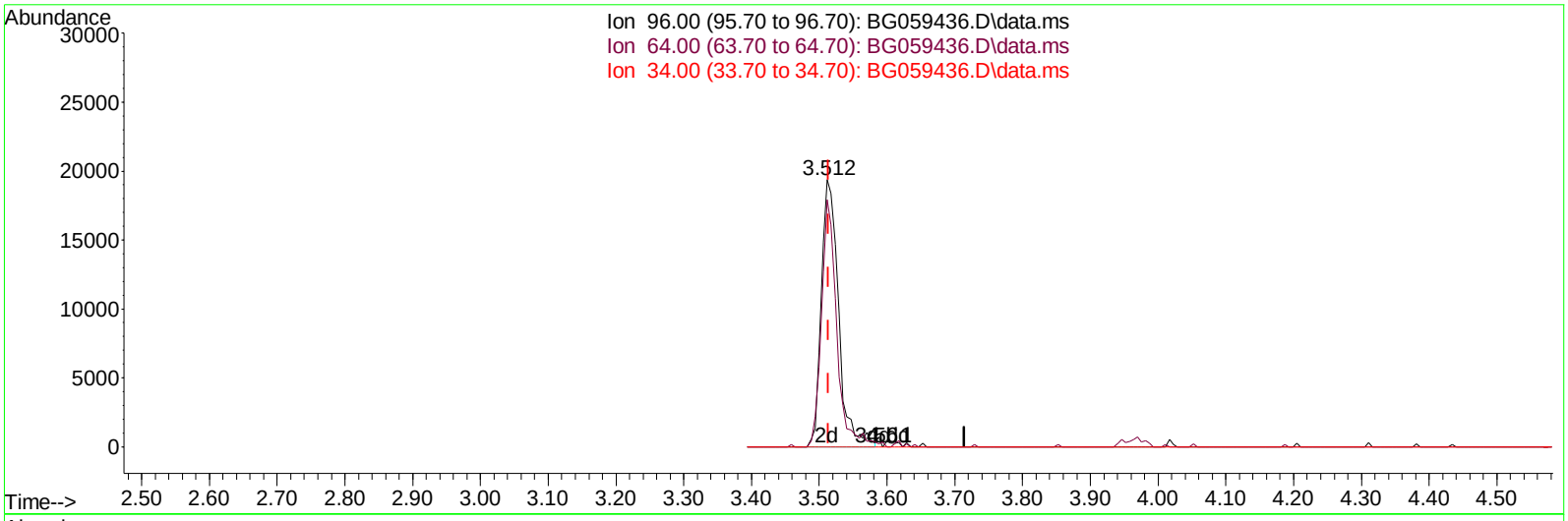

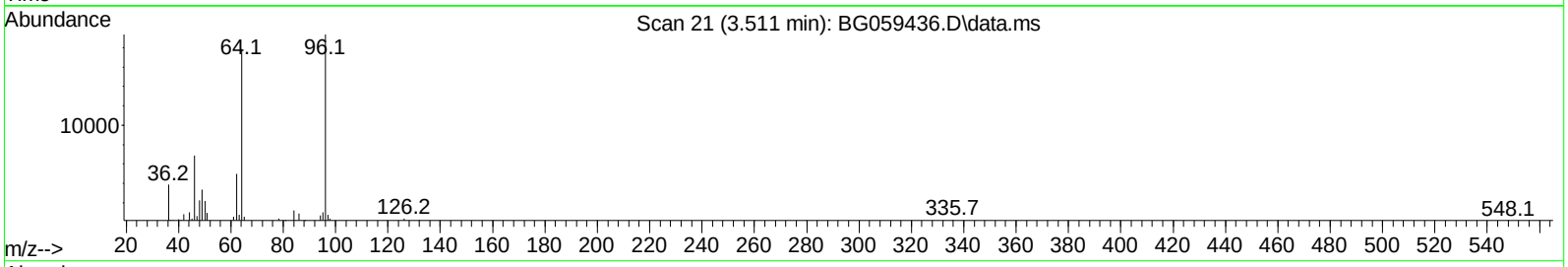

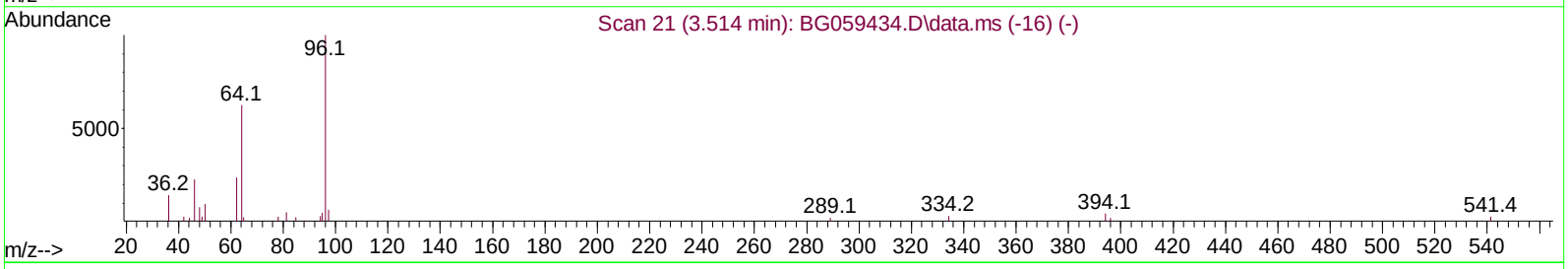

TIC: BG059436.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.511min (-0.003) 36.20 ng/uL m

response 34293

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.50	92.44#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059436.D
Acq On : 12 Oct 2023 15:03
Operator : MA/JU
Sample : SSTD08047
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 12 16:46:48 2023
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Quant Title : SVOA CALIBRATION
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BNA_G
ClientSampleId :
SSTD080410

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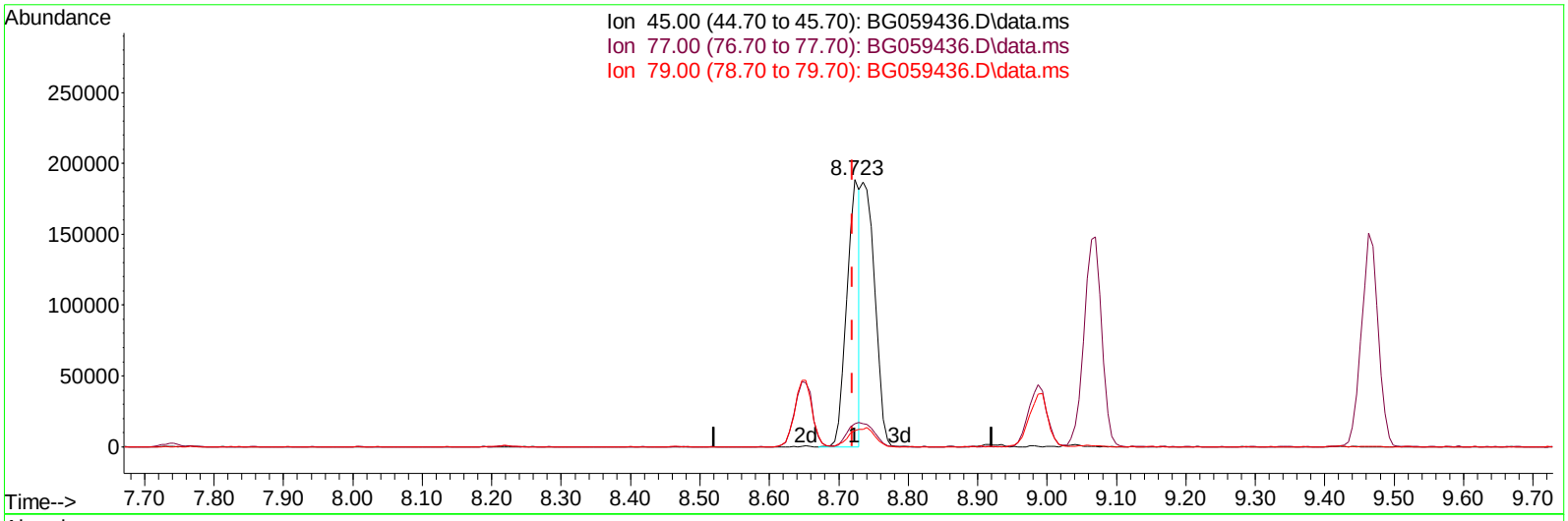

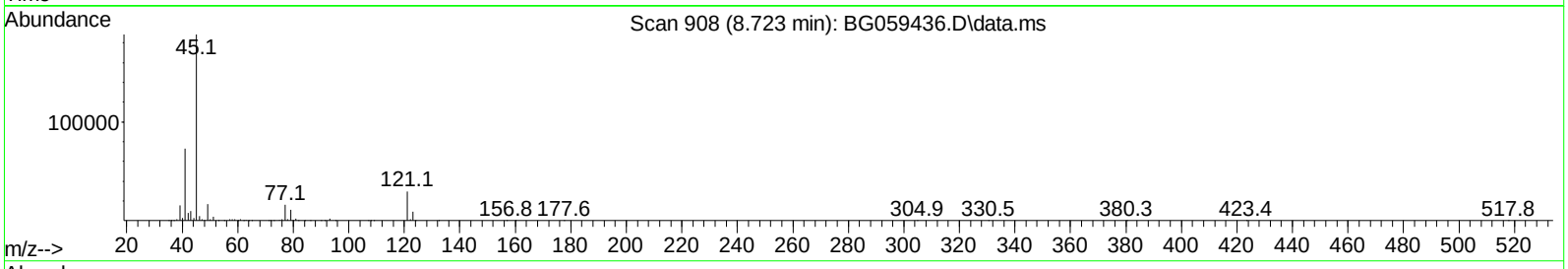

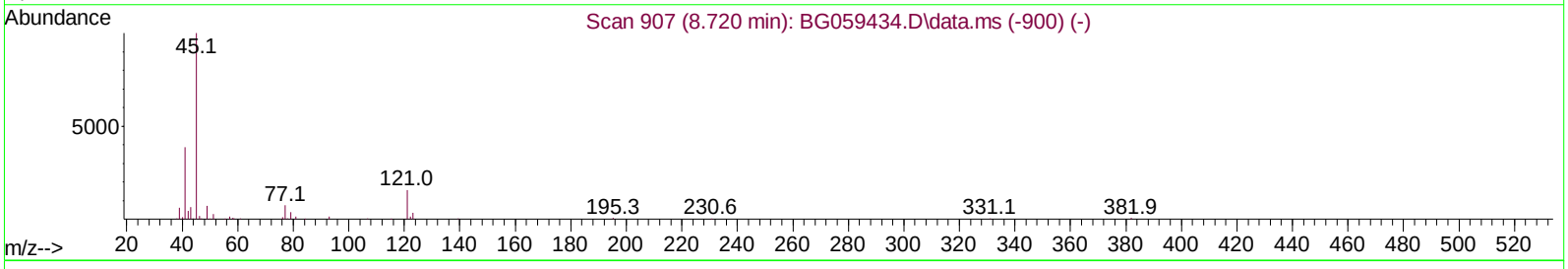

TIC: BG059436.D\data.ms

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

8.723min (+ 0.003) 44.47 ng/ul

response 246613

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	8.50	8.70
79.00	4.80	5.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059436.D
Acq On : 12 Oct 2023 15:03
Operator : MA/JU
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Quant Time: Oct 12 16:46:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_G
ClientSampleId :
SSTD080410

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/13/2023
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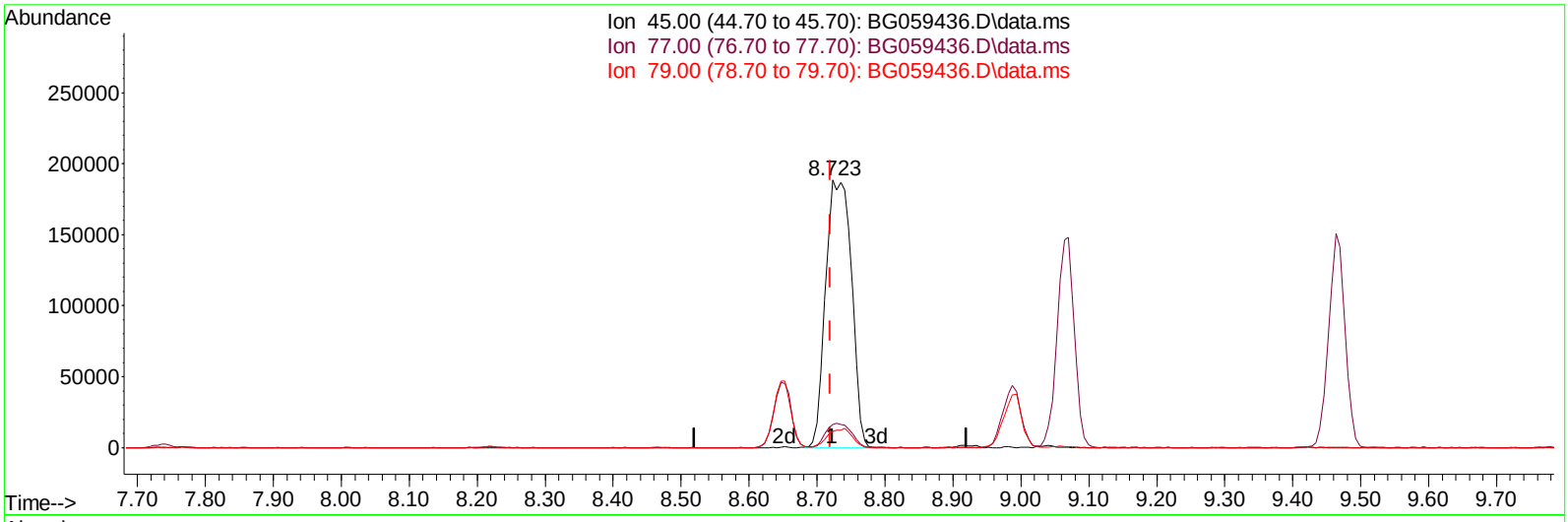

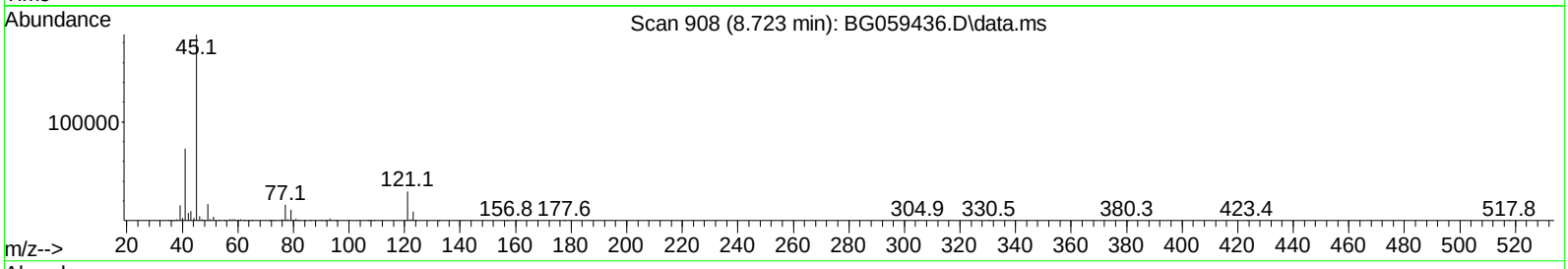

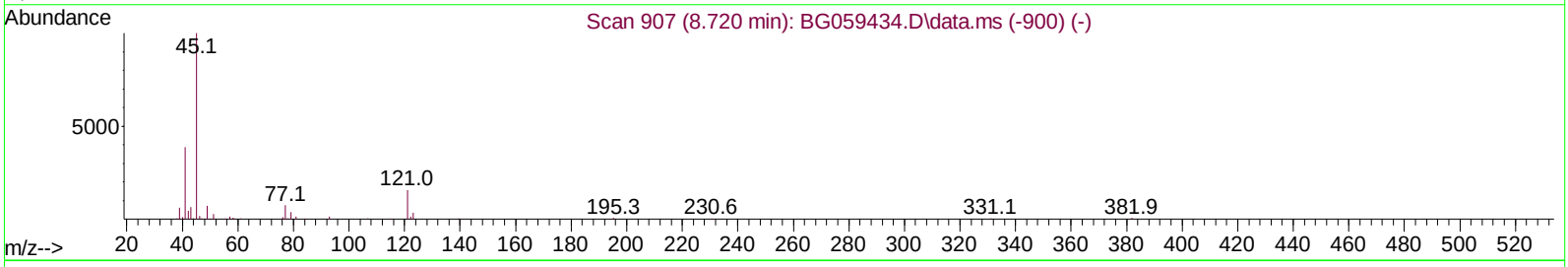

TIC: BG059436.D\data.ms

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

8.723min (+ 0.003) 89.89 ng/ul m

response 498528

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	8.50	8.70
79.00	4.80	5.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059436.D
Acq On : 12 Oct 2023 15:03
Operator : MA/JU
Sample : SSTD08047
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 12 16:46:48 2023
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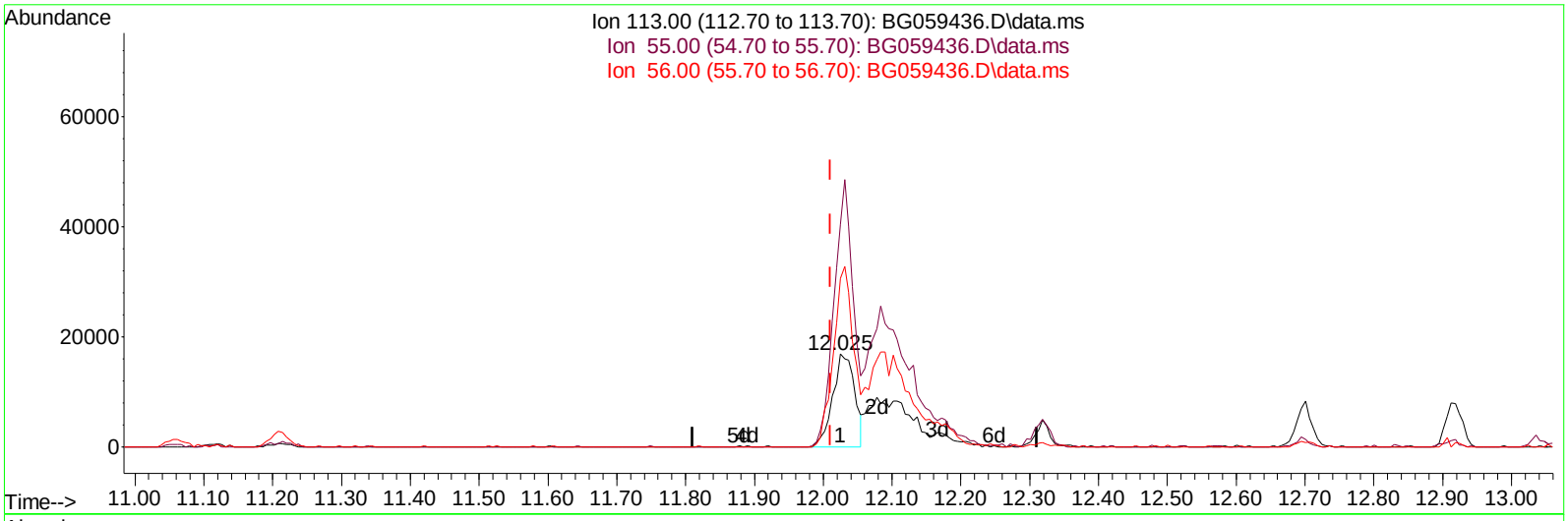

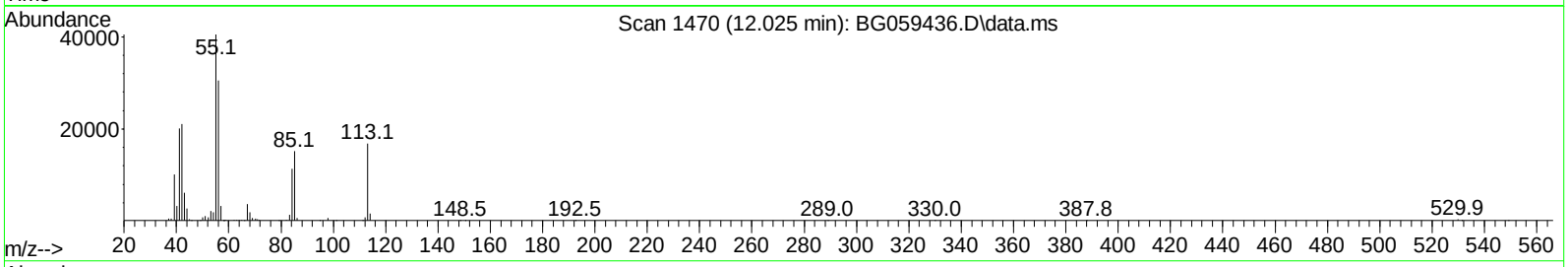

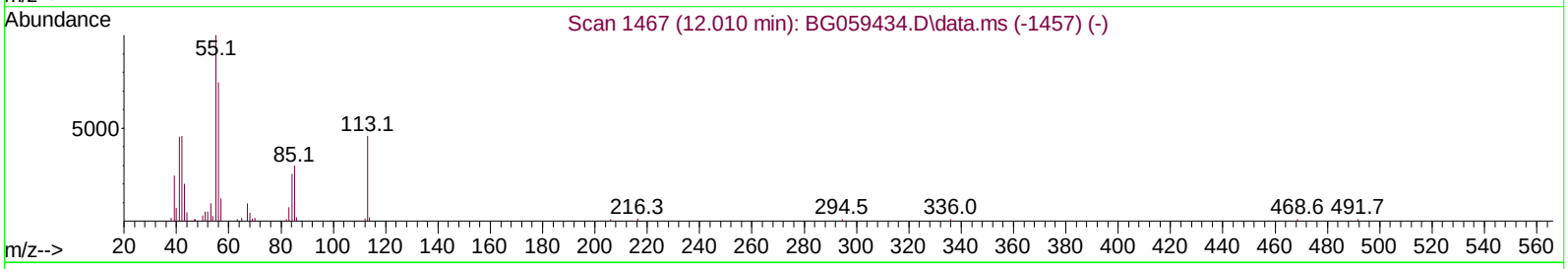

TIC: BG059436.D\data.ms

(34) Caprolactam

12.025min (+ 0.015) 43.89 ng/ul

response 37270

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	217.90	239.91
56.00	162.70	181.09
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
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Operator : MA/JU
Sample : SSTD08047
Misc :
ALS Vial : 6 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD080410

Manual IntegrationsAPPROVED

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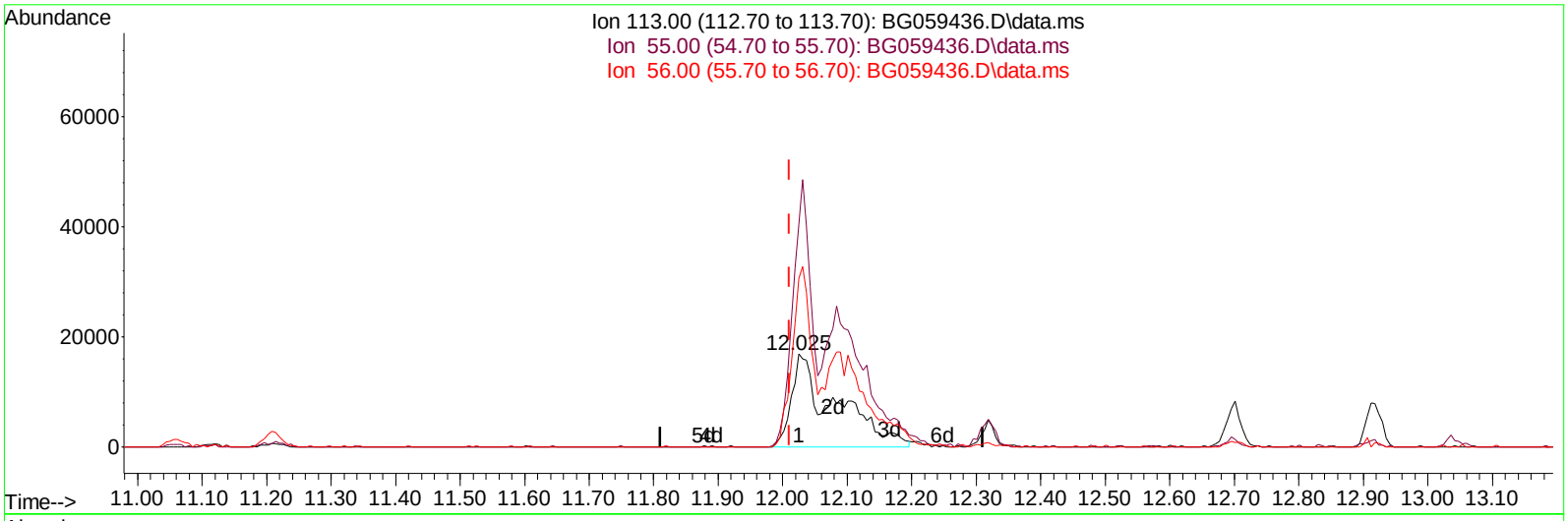

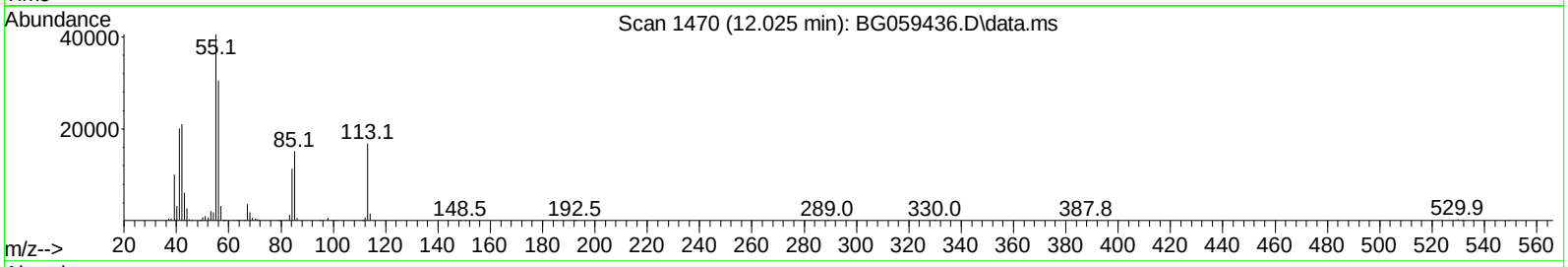

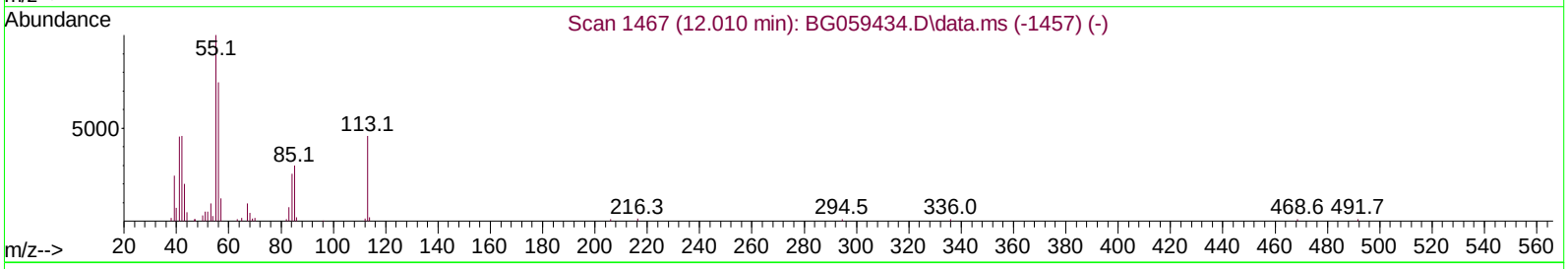

TIC: BG059436.D\data.ms

(34) Caprolactam

12.025min (+ 0.015) 93.55 ng/ul m

response 79440

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	217.90	239.91
56.00	162.70	181.09
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059436.D
Acq On : 12 Oct 2023 15:03
Operator : MA/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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Manual IntegrationsAPPROVED

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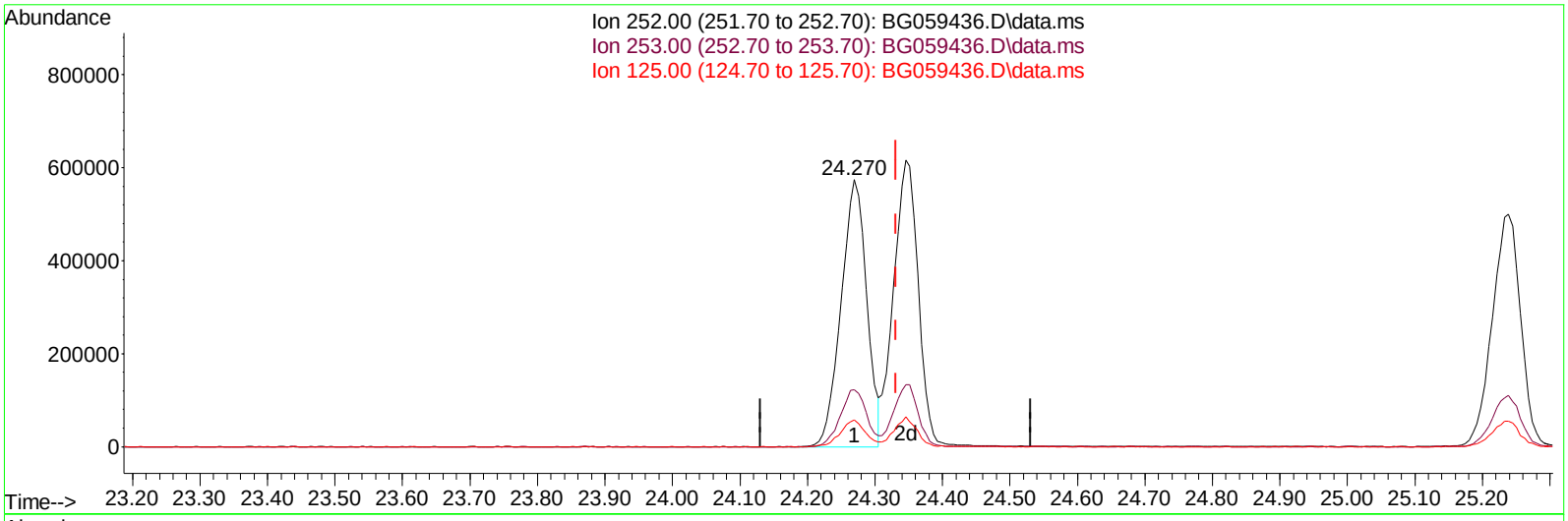

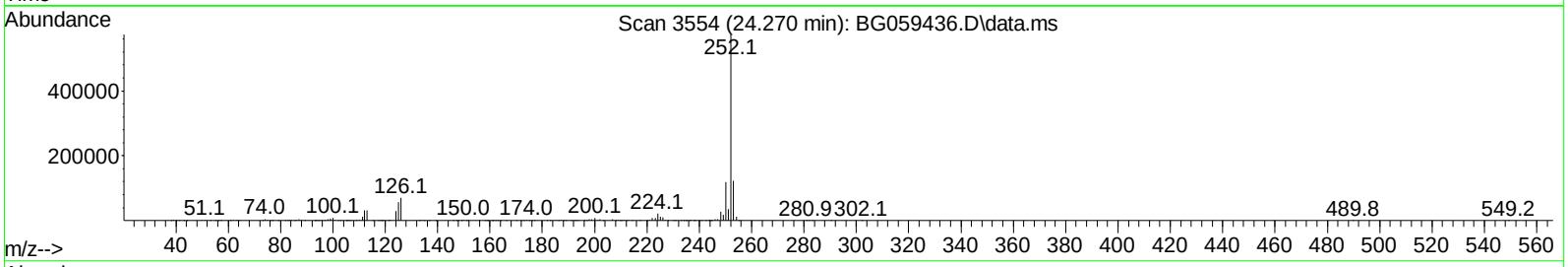

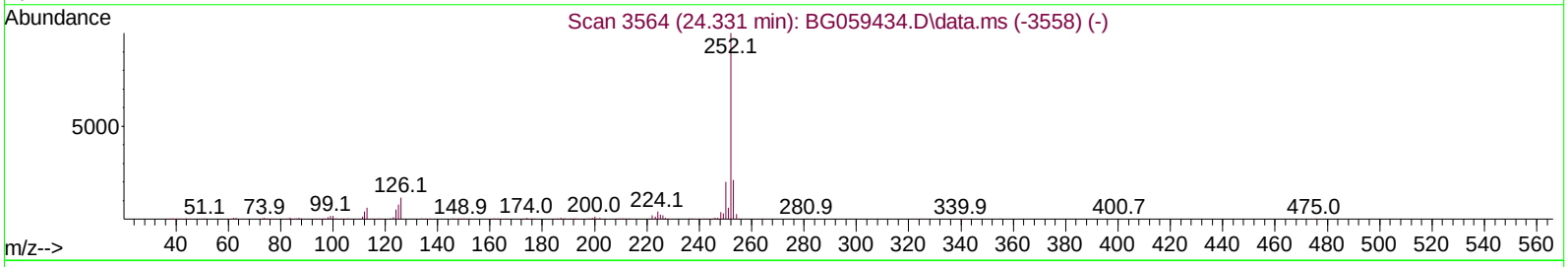

TIC: BG059436.D\data.ms

(91) Benzo(k)fluoranthene

24.270min (-0.062) 94.41 ng/ul

response 1517989

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	21.38
125.00	8.60	9.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
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Acq On : 12 Oct 2023 15:03
Operator : MA/JU
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Misc :
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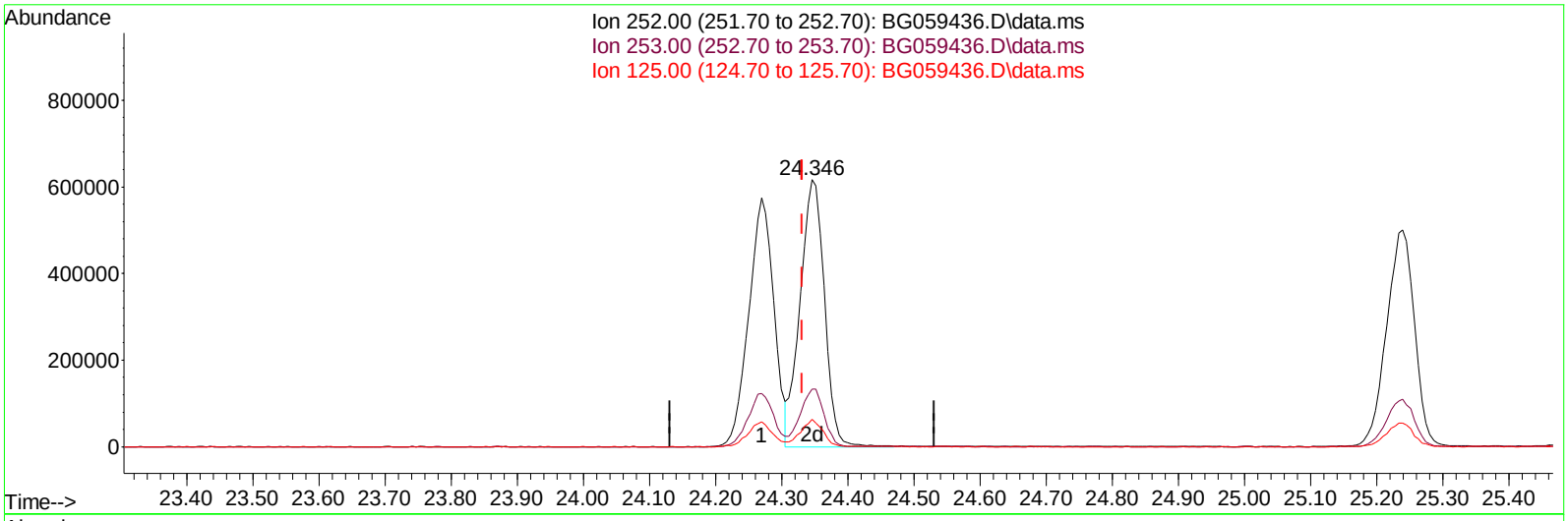

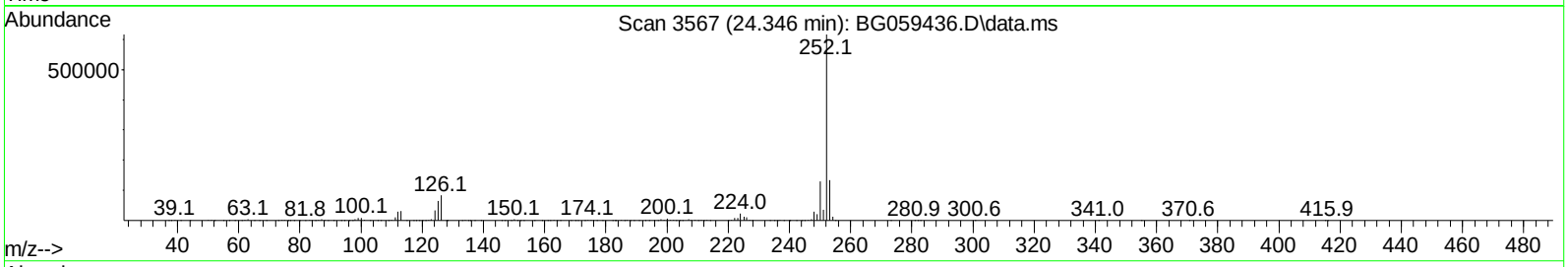

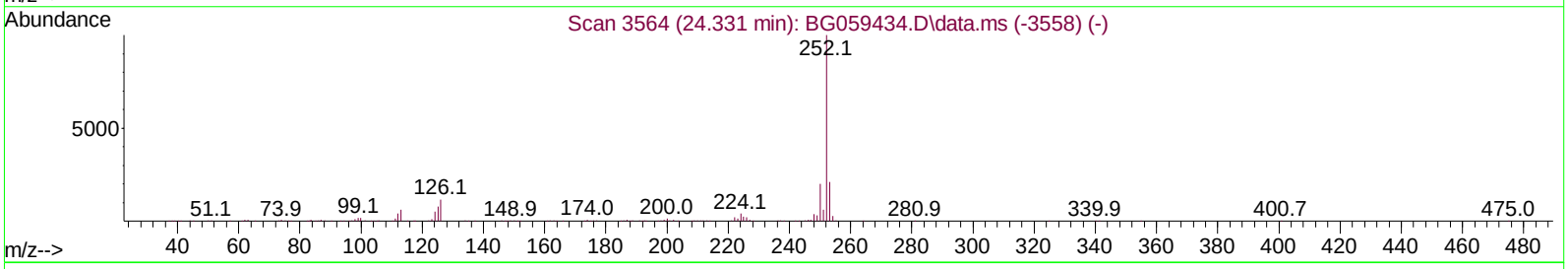

TIC: BG059436.D\data.ms

(91) Benzo(k)fluoranthene

24.346min (+ 0.015) 98.04 ng/ul m

response 1576470

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	21.60
125.00	8.60	10.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
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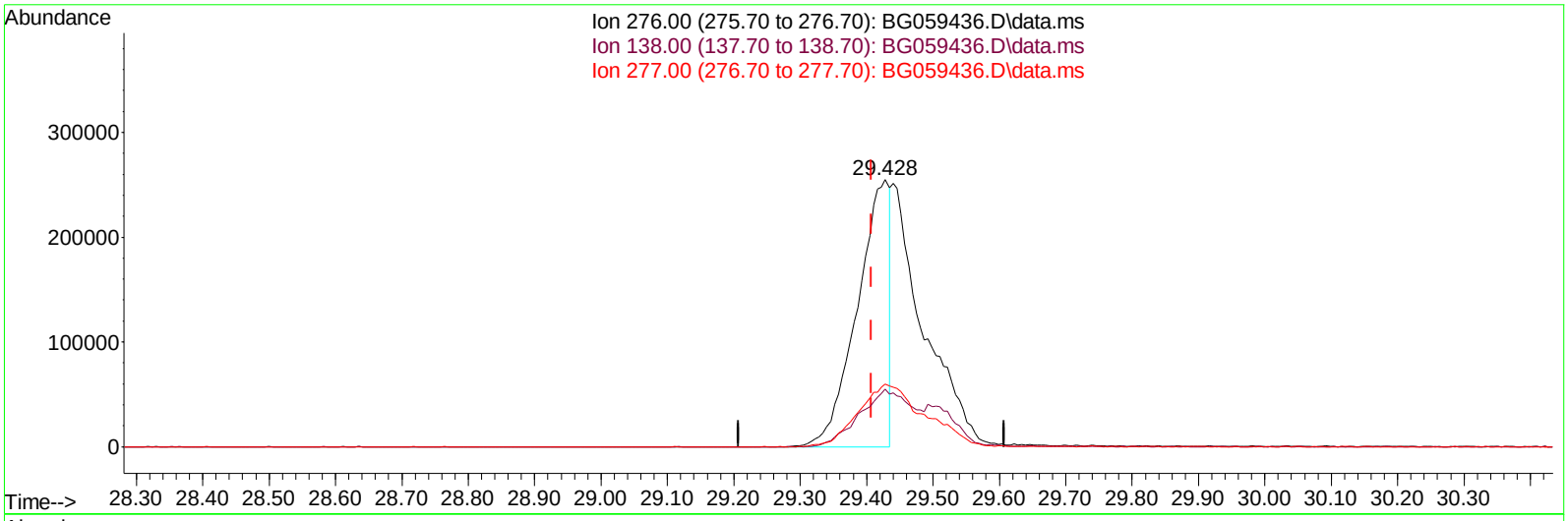

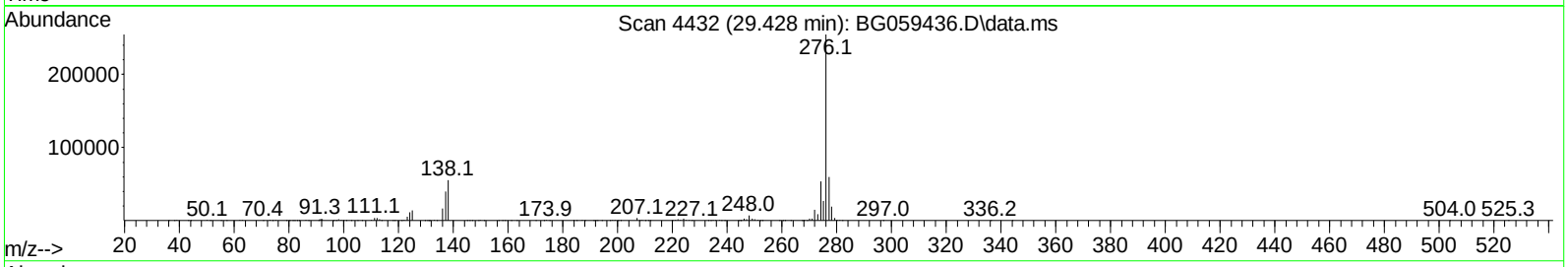

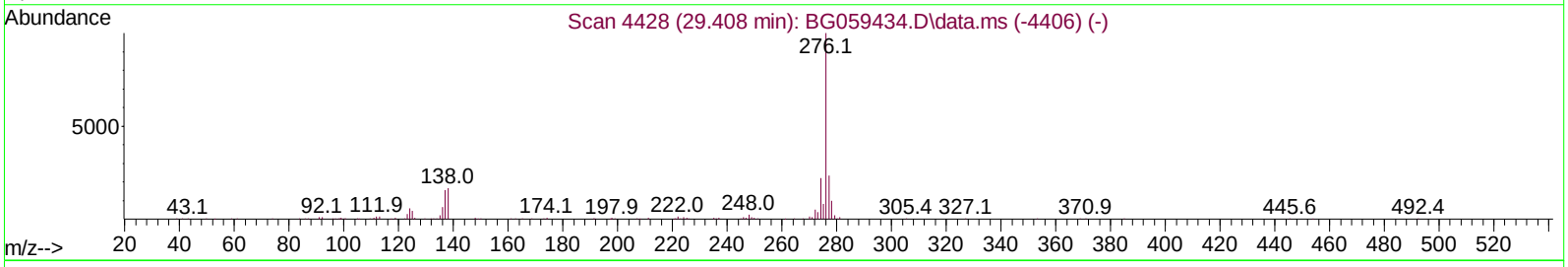

TIC: BG059436.D\data.ms

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

29.428min (+ 0.021) 50.30 ng/ul

response 862163

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.80	21.66#
277.00	23.40	23.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
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Acq On : 12 Oct 2023 15:03
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Manual IntegrationsAPPROVED

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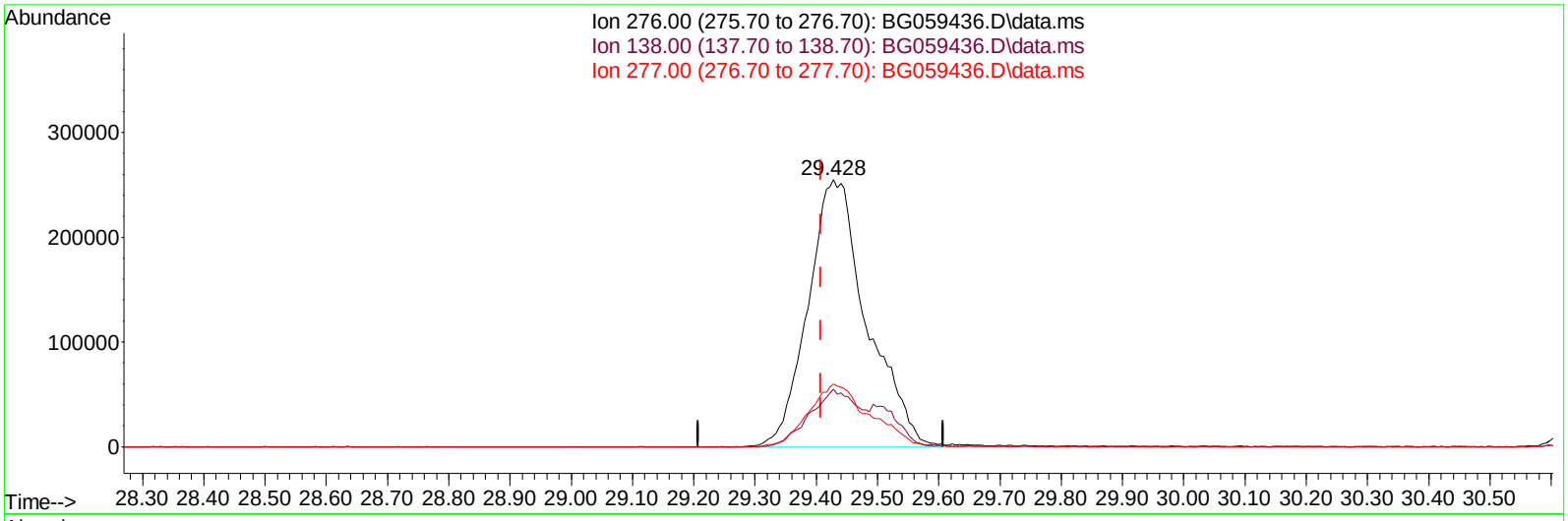

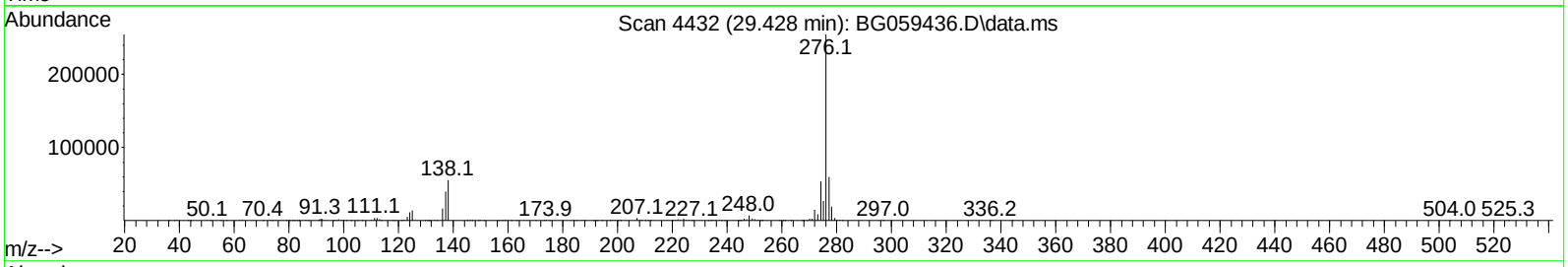

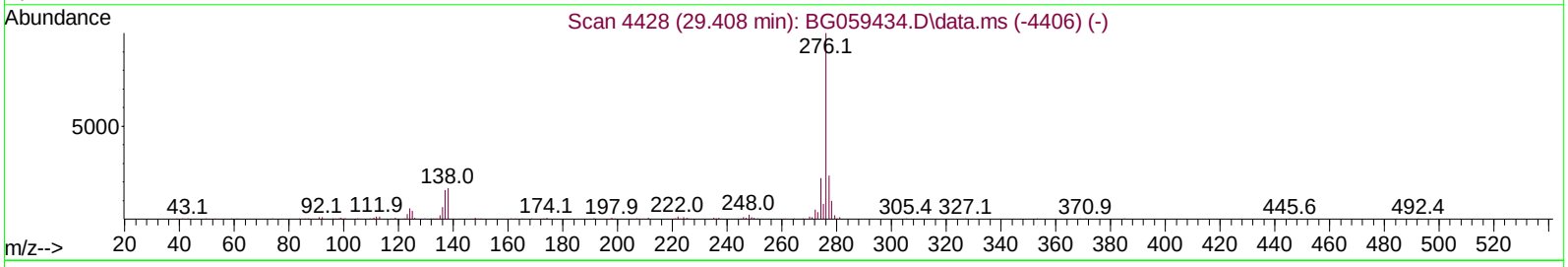

TIC: BG059436.D\data.ms

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

29.428min (+ 0.021) 99.15 ng/ul m

response 1699599

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.80	21.66#
277.00	23.40	23.37
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059436.D
Acq On : 12 Oct 2023 15:03
Operator : MA/JU
Sample : SSTD08047
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 12 16:54:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
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Instrument :
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ClientSampleId :
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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	8.218	152	36451	20.000	ng/ul	0.00
20) Naphthalene-d8	11.061	136	167928	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.857	164	111183	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.607	188	251970	20.000	ng/ul	0.00
79) Chrysene-d12	21.913	240	242194	20.000	ng/ul	# 0.00
88) Perylene-d12	25.392	264	280585	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.511	96	34293m	36.201	ng/uL	0.00
4) Pyridine-d5	3.952	84	246107	96.994	ng/ul	0.00
7) Phenol-d5	7.348	99	327899	97.694	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	174163	89.713	ng/ul	0.00
11) 2-Chlorophenol-d4	7.742	132	232237	97.527	ng/ul	0.00
15) 4-Methylphenol-d8	8.923	113	240623	90.721	ng/ul	0.01
21) Nitrobenzene-d5	9.422	128	120812	100.115	ng/ul	0.00
24) 2-Nitrophenol-d4	10.139	143	126393	101.866	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.668	165	240521	103.767	ng/ul	0.00
31) 4-Chloroaniline-d4	11.208	131	370046	99.480	ng/ul	0.00
46) Dimethylphthalate-d6	14.258	166	735778	94.607	ng/ul	0.00
49) Acenaphthylene-d8	14.563	160	885268	95.655	ng/ul	0.00
54) 4-Nitrophenol-d4	15.063	143	138582	100.068	ng/ul	0.01
60) Fluorene-d10	15.844	176	678387	92.502	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.967	200	135807	101.795	ng/ul	0.01
73) Anthracene-d10	17.712	188	1037253	96.357	ng/ul	0.00
81) Pyrene-d10	19.986	212	1204380	98.073	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.157	264	1232684	98.413	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.553	88	34711	33.784	ng/uL#	91
5) Pyridine	3.970	79	249229	96.736	ng/ul	96
6) Benzaldehyde	7.366	77	115426	77.949	ng/ul	91
8) Phenol	7.378	94	314753	93.250	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.636	93	239647	92.611	ng/ul	96
12) 2-Chlorophenol	7.771	128	239810	96.696	ng/ul	98
13) 2-Methylphenol	8.647	108	229156	90.910	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.723	45	498528m	89.891	ng/ul	
16) Acetophenone	9.070	105	359740	90.330	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.040	70	168462	86.573	ng/ul#	96
18) 4-Methylphenol	8.987	108	249896	90.713	ng/ul	93
19) Hexachloroethane	9.299	117	87207	95.949	ng/ul#	88
22) Nitrobenzene	9.463	77	253682	95.220	ng/ul	93
23) Isophorone	9.975	82	524800	92.667	ng/ul	96
25) 2-Nitrophenol	10.174	139	133191	102.339	ng/ul	90
26) 2,4-Dimethylphenol	10.198	107	252416	94.213	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.456	93	325053	93.039	ng/ul	100
29) 2,4-Dichlorophenol	10.697	162	234163	99.333	ng/ul	98
30) Naphthalene	11.114	128	801638	96.173	ng/ul	98
32) 4-Chloroaniline	11.238	127	350384	100.609	ng/ul	94
33) Hexachlorobutadiene	11.338	225	145557	99.645	ng/ul	91
34) Caprolactam	12.025	113	79440m	93.552	ng/ul	
35) 4-Chloro-3-methylphenol	12.319	107	238366	96.716	ng/ul	88

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059436.D
Acq On : 12 Oct 2023 15:03
Operator : MA/JU
Sample : SSTD08047
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 12 16:54:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 14:55:05 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD080410

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.701	142	527652	95.499	ng/ul	94
37) 1-Methylnaphthalene	12.918	142	529898	93.761	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	13.047	216	280180	97.443	ng/ul	93
40) Hexachlorocyclopentadiene	12.995	237	171362	101.567	ng/ul	92
41) 2,4,6-Trichlorophenol	13.288	196	185106	97.727	ng/ul	95
42) 2,4,5-Trichlorophenol	13.365	196	194961	94.685	ng/ul	93
43) 1,1'-Biphenyl	13.694	154	746690	93.706	ng/ul	99
44) 2-Chloronaphthalene	13.747	162	571561	94.914	ng/ul	96
45) 2-Nitroaniline	13.970	65	179723	97.345	ng/ul	92
47) Dimethylphthalate	14.305	163	725309	92.290	ng/ul	100
48) 2,6-Dinitrotoluene	14.452	165	148939	99.133	ng/ul#	95
50) Acenaphthylene	14.593	152	935061	94.052	ng/ul	96
51) 3-Nitroaniline	14.792	138	150306	95.399	ng/ul	99
52) Acenaphthene	14.922	153	630774	93.319	ng/ul	95
53) 2,4-Dinitrophenol	14.986	184	86766	80.051	ng/ul	92
55) 4-Nitrophenol	15.074	109	98188	104.090	ng/ul#	85
56) Dibenzofuran	15.257	168	848072	91.193	ng/ul	98
57) 2,4-Dinitrotoluene	15.233	165	213475	97.086	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.468	232	183528	96.945	ng/ul#	95
59) Diethylphthalate	15.650	149	696019	90.039	ng/ul#	90
61) Fluorene	15.903	166	708990	89.961	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.885	204	344610	89.313	ng/ul	97
63) 4-Nitroaniline	15.956	138	143480	97.417	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.985	198	142563	100.371	ng/ul#	96
67) N-Nitrosodiphenylamine	16.108	169	599249	97.786	ng/ul	98
68) 4-Bromophenyl-phenylether	16.784	248	216299	93.178	ng/ul	92
69) Hexachlorobenzene	16.878	284	242905	91.371	ng/ul	97
70) Atrazine	17.043	200	231943	95.435	ng/ul	95
71) Pentachlorophenol	17.231	266	156877	106.833	ng/ul	96
72) Phenanthrene	17.654	178	1232945	94.918	ng/ul	98
74) Anthracene	17.748	178	1286874	97.691	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.653	216	286622	99.623	ng/uL	98
76) Pentachlorobenzene	15.151	250	274586	93.283	ng/uL	96
77) Carbazole	18.024	167	1111637	100.980	ng/ul	98
78) Di-n-butylphthalate	18.523	149	1279931	98.774	ng/ul	100
80) Fluoranthene	19.646	202	1476558	96.890	ng/ul	97
82) Pyrene	20.016	202	1530928	95.341	ng/ul	98
83) Butylbenzylphthalate	20.862	149	565991	99.668	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.808	252	500087	95.206	ng/ul	96
85) Benzo(a)anthracene	21.890	228	1507521	94.835	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.720	149	813391	96.604	ng/ul	99
87) Chrysene	21.966	228	1408478	95.014	ng/ul	99
89) Di-n-octyl phthalate	23.012	149	1406745	98.381	ng/ul	100
90) Benzo(b)fluoranthene	24.270	252	1517989	96.636	ng/ul	98
91) Benzo(k)fluoranthene	24.346	252	1576470m	98.045	ng/ul	
93) Benzo(a)pyrene	25.239	252	1466113	98.361	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.428	276	1699599m	99.152	ng/ul	
95) Dibenzo(a,h)anthracene	29.516	278	1374850	99.788	ng/ul	95
96) Benzo(g,h,i)perylene	30.721	276	1359306	99.122	ng/ul#	91

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

Instrument :
BNA_G
ClientSampleId :
SSTD080410

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
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Manual IntegrationsAPPROVED

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