Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059390.D
Acq On : 9 Oct 2023 1:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020592

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023

Quant Time: Oct 09 02:20:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	49887	20.000	ng/ul	0.00
20) Naphthalene-d8	11.069	136	236121	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.859	164	163935	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.609	188	367681	20.000	ng/ul	0.00
79) Chrysene-d12	21.916	240	337648	20.000	ng/ul	0.00
88) Perylene-d12	25.394	264	391676m	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.531	96	11293	8.071	ng/uL	0.00
4) Pyridine-d5	3.960	84	84934	21.090	ng/ul	0.00
7) Phenol-d5	7.350	99	111414	20.226	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.550	67	65562	21.058	ng/ul	0.00
11) 2-Chlorophenol-d4	7.744	132	85030	22.071	ng/ul	0.00
15) 4-Methylphenol-d8	8.919	113	88250	20.563	ng/ul	0.00
21) Nitrobenzene-d5	9.424	128	45097	22.436	ng/ul	0.00
24) 2-Nitrophenol-d4	10.147	143	49581	22.790	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.670	165	91164	23.216	ng/ul	0.00
31) 4-Chloroaniline-d4	11.216	131	136097	21.820	ng/ul	0.00
46) Dimethylphthalate-d6	14.254	166	279404	20.804	ng/ul	0.00
49) Acenaphthylene-d8	14.565	160	343433	21.488	ng/ul	0.00
54) 4-Nitrophenol-d4	15.053	143	50876	20.214	ng/ul	0.00
60) Fluorene-d10	15.852	176	260188	20.296	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.964	200	49770	20.502	ng/ul	0.00
73) Anthracene-d10	17.709	188	401105	22.238	ng/ul	0.00
81) Pyrene-d10	19.982	212	449692	21.985	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.147	264	458523m	22.247	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.561	88	12134	8.124	ng/uL#	69
5) Pyridine	3.984	79	84818	20.859	ng/ul	93
6) Benzaldehyde	7.374	77	50811	22.238	ng/ul	95
8) Phenol	7.385	94	112624	20.676	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.644	93	84932	20.247	ng/ul	95
12) 2-Chlorophenol	7.779	128	86398	21.283	ng/ul#	94
13) 2-Methylphenol	8.655	108	84353	20.725	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.743	45	180723	20.591	ng/ul	97
16) Acetophenone	9.072	105	136605	20.946	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.031	70	63111	19.421	ng/ul#	86
18) 4-Methylphenol	8.989	108	93520	20.894	ng/ul	97
19) Hexachloroethane	9.307	117	31590	21.394	ng/ul	88
22) Nitrobenzene	9.471	77	96451	21.888	ng/ul	91
23) Isophorone	9.971	82	203548	21.632	ng/ul#	98
25) 2-Nitrophenol	10.176	139	51473	22.941	ng/ul#	88
26) 2,4-Dimethylphenol	10.206	107	95277	21.526	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.458	93	126193	22.318	ng/ul	99
29) 2,4-Dichlorophenol	10.699	162	88338	22.341	ng/ul	93
30) Naphthalene	11.122	128	299920	21.962	ng/ul	97
32) 4-Chloroaniline	11.240	127	130480	22.113	ng/ul	97
33) Hexachlorobutadiene	11.346	225	56665	23.735	ng/ul	95
34) Caprolactam	12.015	113	30441	21.201	ng/ul#	78
35) 4-Chloro-3-methylphenol	12.321	107	93047	21.930	ng/ul	99
36) 2-Methylnaphthalene	12.703	142	198115	21.761	ng/ul	95

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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020592

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.926	142	208990	22.109	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.049	216	110498	22.629	ng/ul#	97
40) Hexachlorocyclopentadiene	13.002	237	61206	20.878	ng/ul#	90
41) 2,4,6-Trichlorophenol	13.296	196	76016	22.942	ng/ul	93
42) 2,4,5-Trichlorophenol	13.367	196	77320	21.486	ng/ul	95
43) 1,1'-Biphenyl	13.696	154	300358	22.261	ng/ul	98
44) 2-Chloronaphthalene	13.754	162	219632	21.177	ng/ul	99
45) 2-Nitroaniline	13.972	65	68141	20.064	ng/ul	93
47) Dimethylphthalate	14.301	163	284093	21.047	ng/ul	98
48) 2,6-Dinitrotoluene	14.454	165	57509	21.118	ng/ul	92
50) Acenaphthylene	14.595	152	364087	21.192	ng/ul	98
51) 3-Nitroaniline	14.789	138	58305	21.866	ng/ul#	95
52) Acenaphthene	14.930	153	248118	21.345	ng/ul	97
53) 2,4-Dinitrophenol	14.988	184	27211	13.911	ng/ul	95
55) 4-Nitrophenol	15.071	109	34678m	20.421	ng/ul	
56) Dibenzofuran	15.259	168	338967	21.134	ng/ul	98
57) 2,4-Dinitrotoluene	15.229	165	85193	21.361	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.470	232	72718	21.059	ng/ul	96
59) Diethylphthalate	15.652	149	270859	20.176	ng/ul	99
61) Fluorene	15.905	166	283956	20.808	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.887	204	144216	21.387	ng/ul	96
63) 4-Nitroaniline	15.952	138	53201	22.161	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.981	198	55506	21.498	ng/ul	96
67) N-Nitrosodiphenylamine	16.111	169	234565	22.544	ng/ul	100
68) 4-Bromophenyl-phenylether	16.786	248	84281	21.586	ng/ul	94
69) Hexachlorobenzene	16.880	284	98233	22.042	ng/ul	96
70) Atrazine	17.039	200	93375	22.634	ng/ul	99
71) Pentachlorophenol	17.239	266	54229	20.937	ng/ul	96
72) Phenanthrene	17.656	178	480033	22.044	ng/ul	100
74) Anthracene	17.744	178	500319	22.591	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.660	216	115806	24.243	ng/uL	89
76) Pentachlorobenzene	15.153	250	111937	22.642	ng/uL	94
77) Carbazole	18.026	167	418194	22.690	ng/ul	97
78) Di-n-butylphthalate	18.525	149	494793	22.691	ng/ul	99
80) Fluoranthene	19.648	202	560881	22.037	ng/ul	97
82) Pyrene	20.018	202	577619	21.837	ng/ul	97
83) Butylbenzylphthalate	20.864	149	207297	21.210	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.810	252	194916	23.140	ng/ul	91
85) Benzo(a)anthracene	21.892	228	553819	21.476	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.722	149	315717	21.599	ng/ul	98
87) Chrysene	21.963	228	525830	21.709	ng/ul	98
89) Di-n-octyl phthalate	23.014	149	543999m	22.012	ng/ul	
90) Benzo(b)fluoranthene	24.266	252	569217m	22.057	ng/ul	
91) Benzo(k)fluoranthene	24.342	252	576029m	21.983	ng/ul	
93) Benzo(a)pyrene	25.235	252	543441m	22.107	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.418	276	629500m	22.231	ng/ul	
95) Dibenzo(a,h)anthracene	29.495	278	517662m	22.483	ng/ul	
96) Benzo(g,h,i)perylene	30.699	276	503097m	22.278	ng/ul	

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

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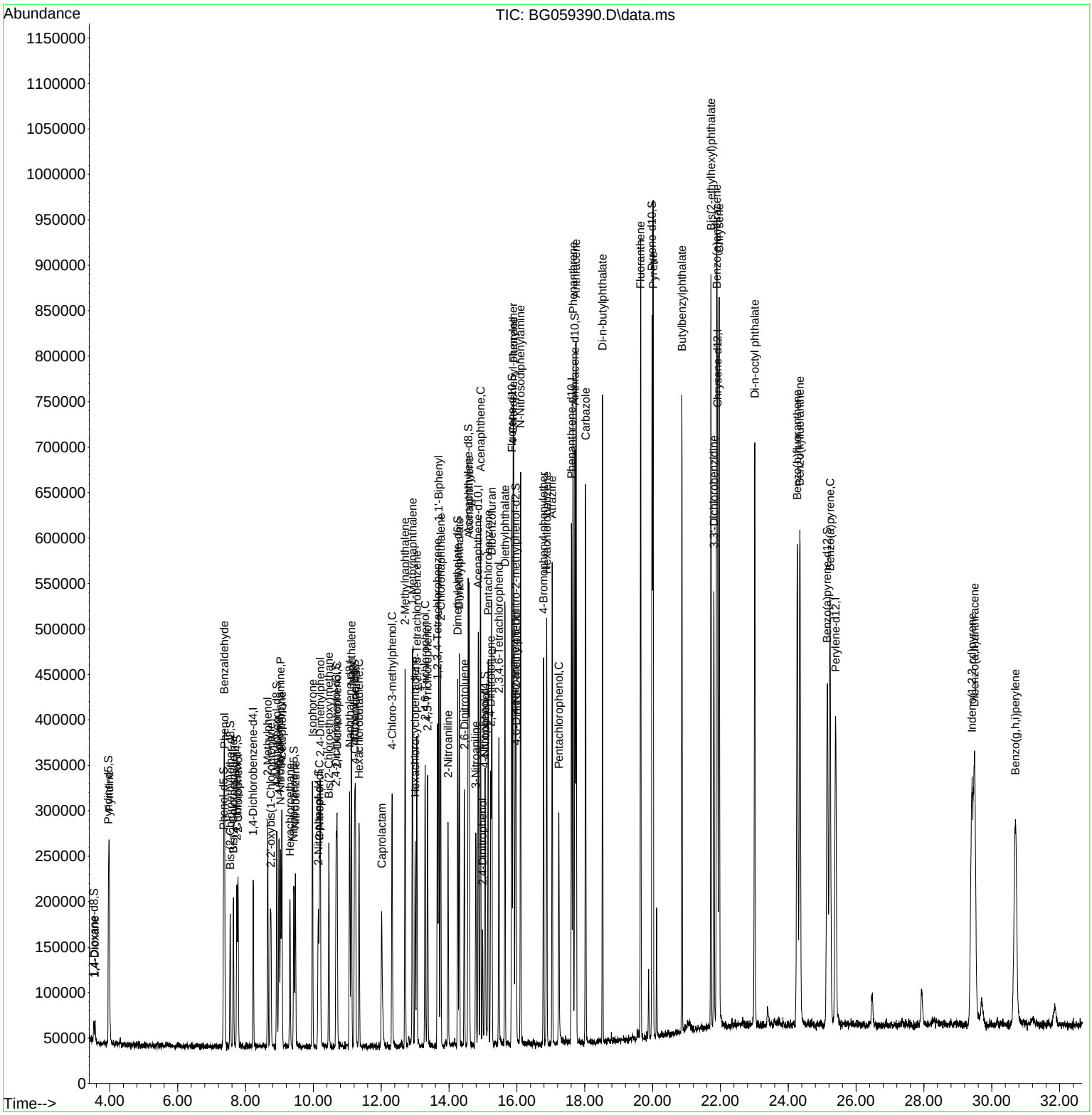
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Oct 09 02:20:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020592

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059390.D
Acq On : 9 Oct 2023 1:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Oct 09 02:15:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
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Manual Integrations APPROVED

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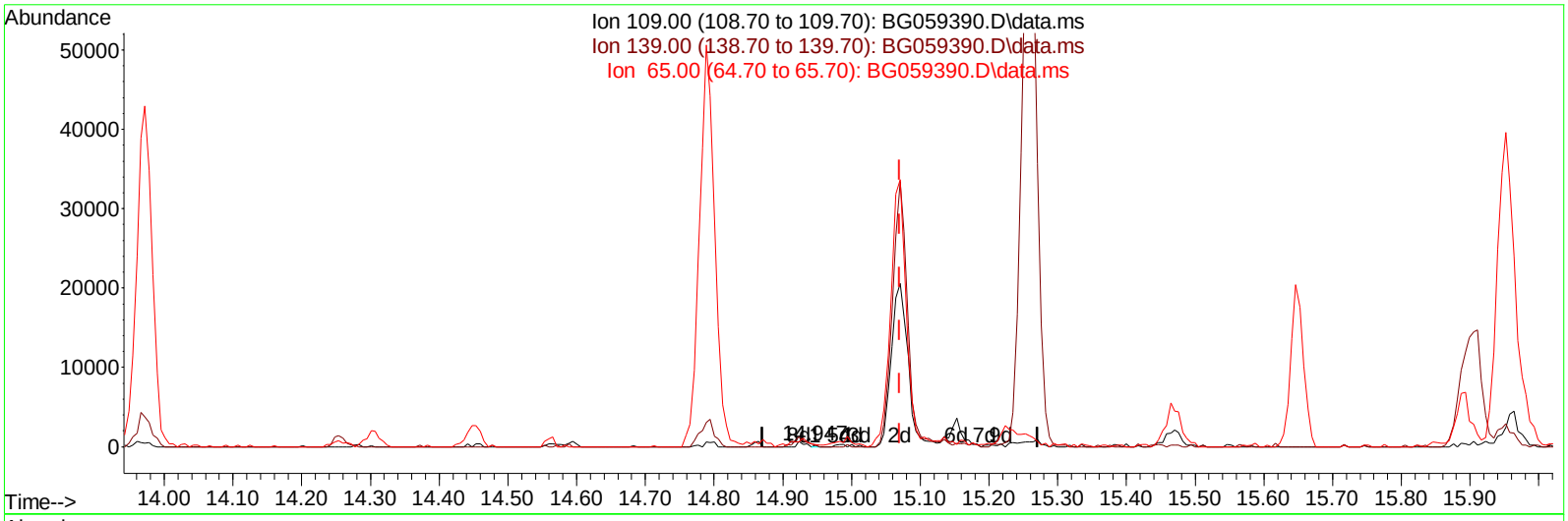
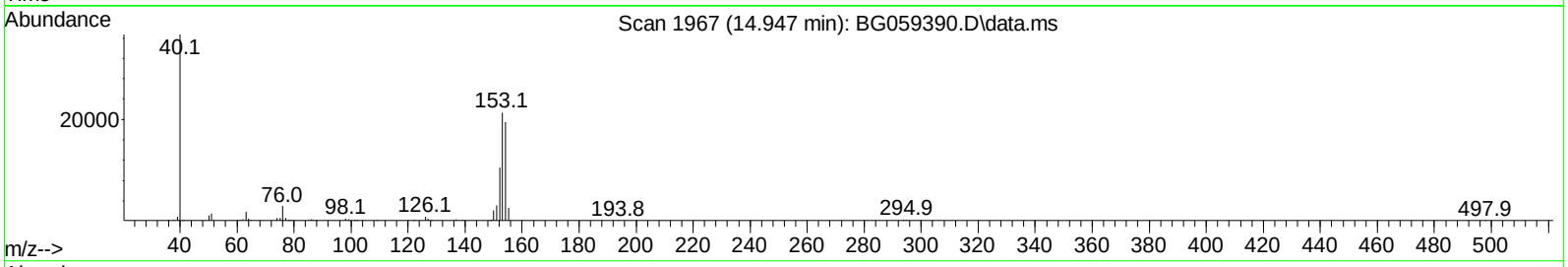
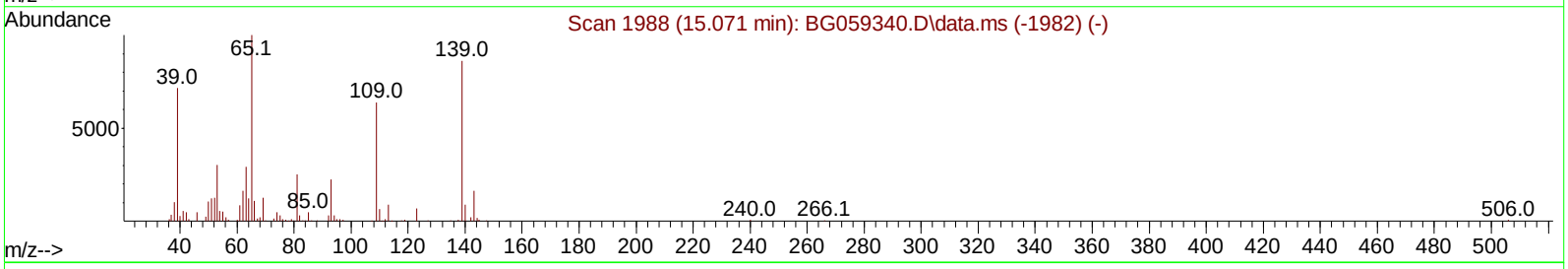
Supervised By :mohammad ahmed 10/09/2023







TIC: BG059390.D\data.ms

(55) 4-Nitrophenol

14.947min (-0.123) 0.04 ng/ul

response 62

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	134.90	129.71
65.00	158.20	168.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
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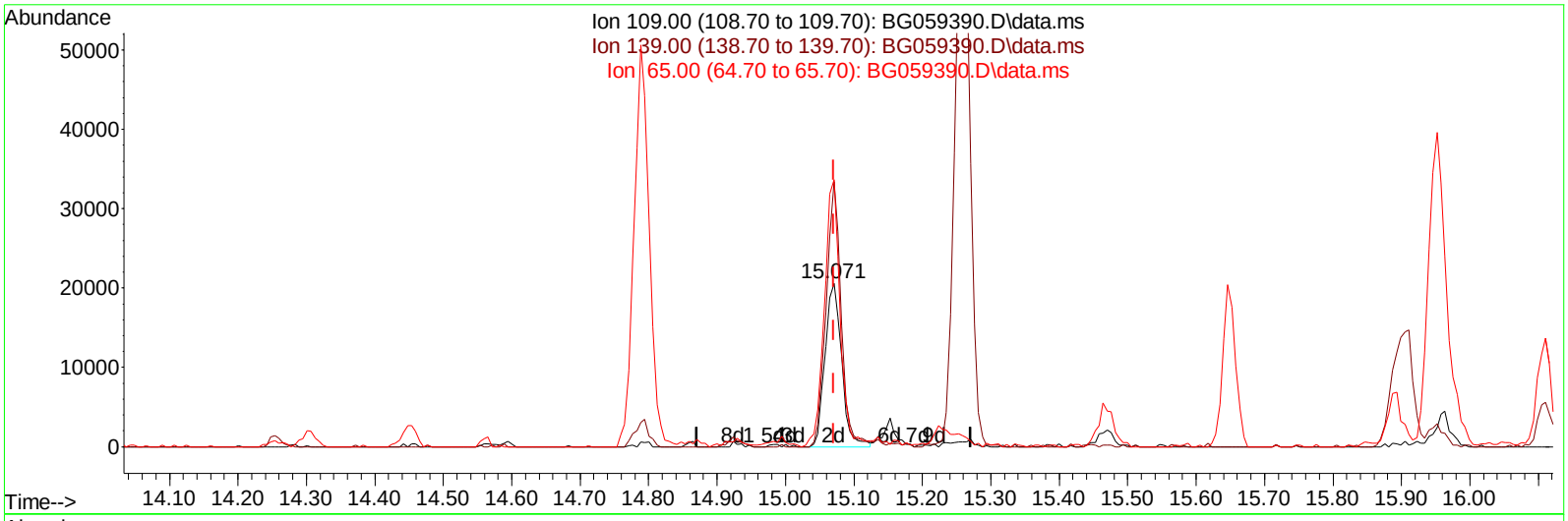

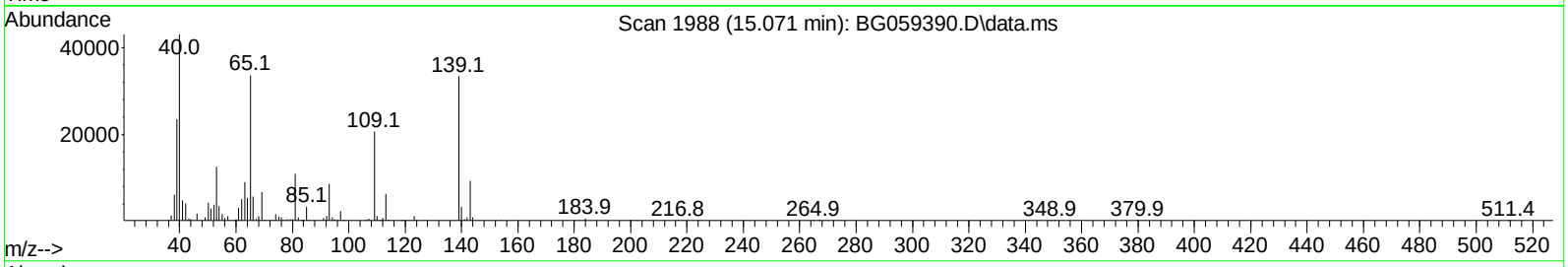

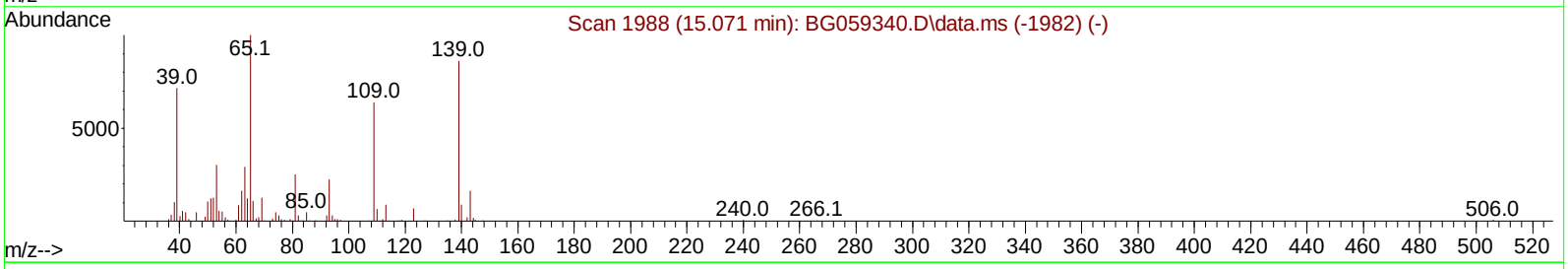

TIC: BG059390.D\data.ms

(55) 4-Nitrophenol

15.071min (-0.000) 20.42 ng/ul m

response 34678

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	134.90	162.03#
65.00	158.20	163.20
0.00	0.00	0.00

Quantitation Report (Qedit)

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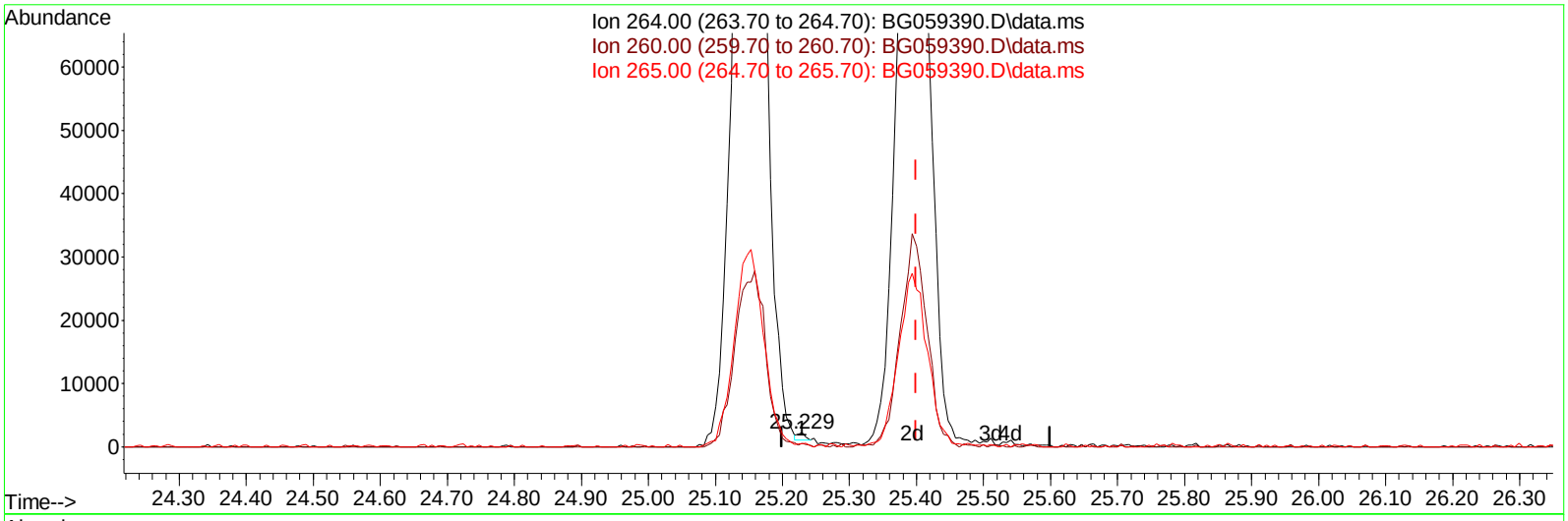

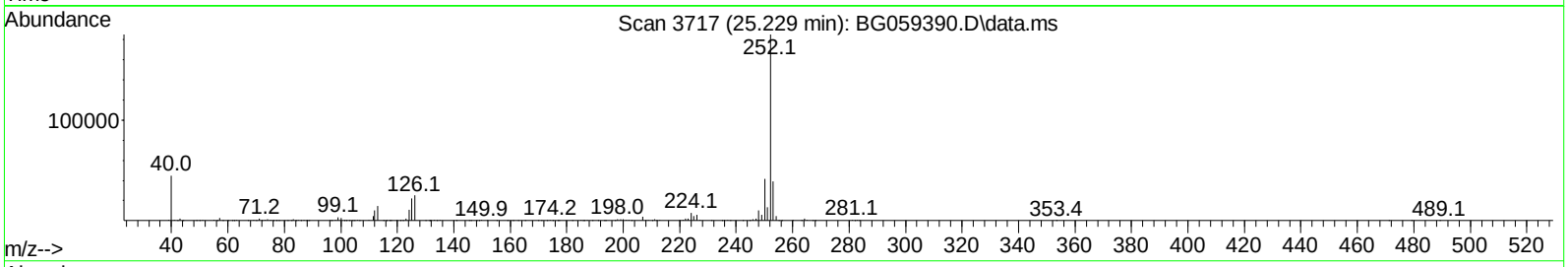

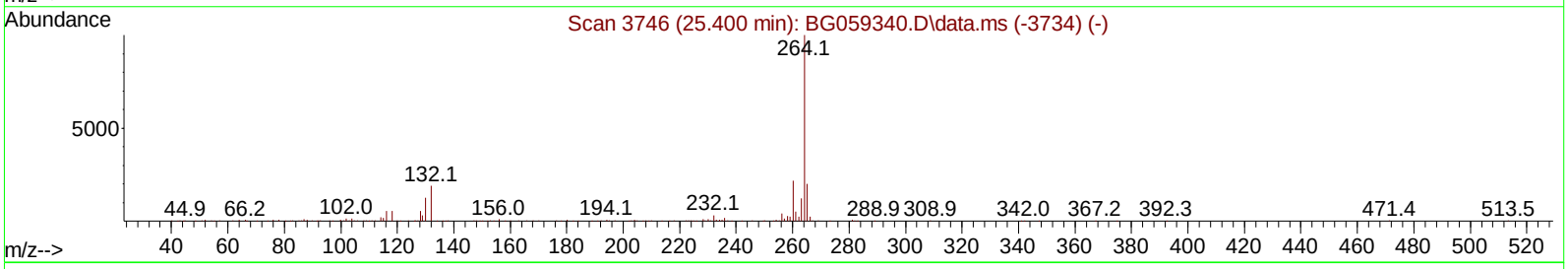

TIC: BG059390.D\data.ms

(88) Perylene-d12 (I)

25.229min (-0.170) 20.00 ng/ul

response 832

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	21.70	24.01
265.00	20.60	21.90
0.00	0.00	0.00

Quantitation Report (Qedit)

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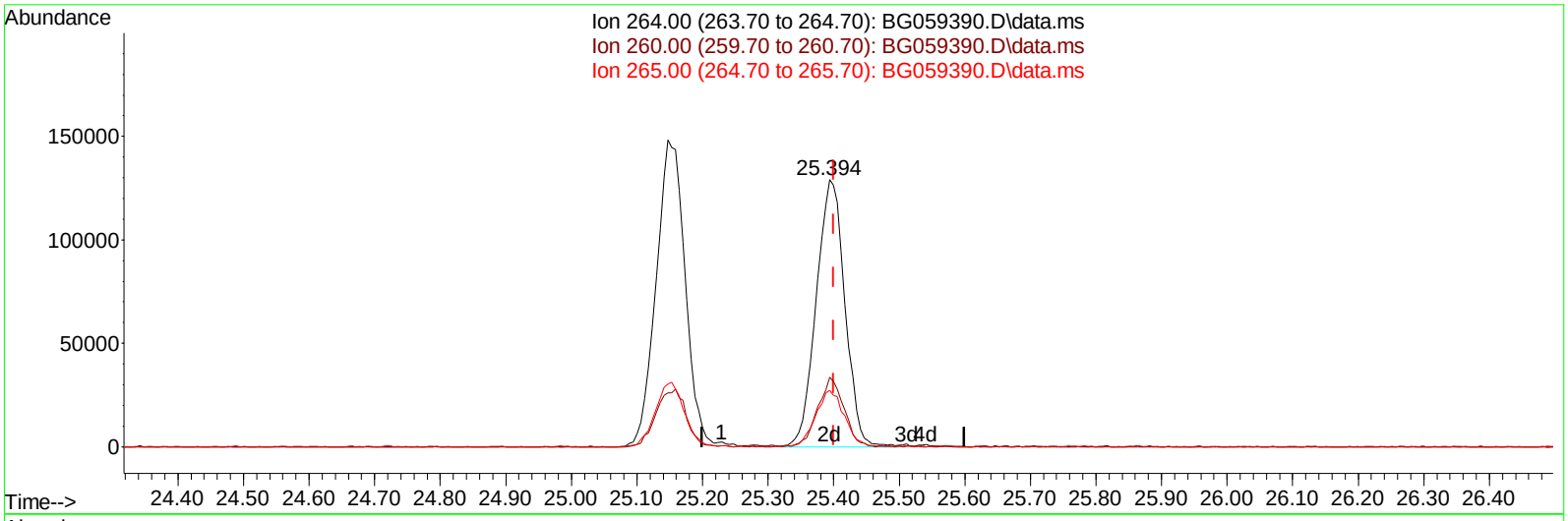

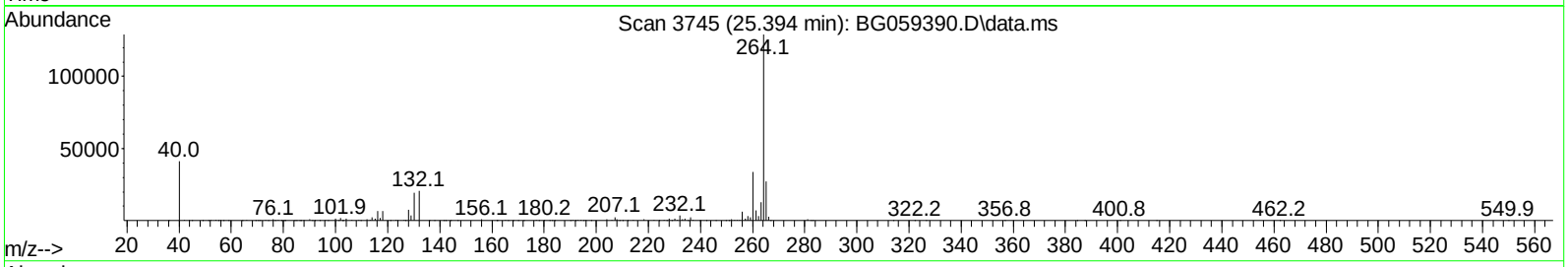

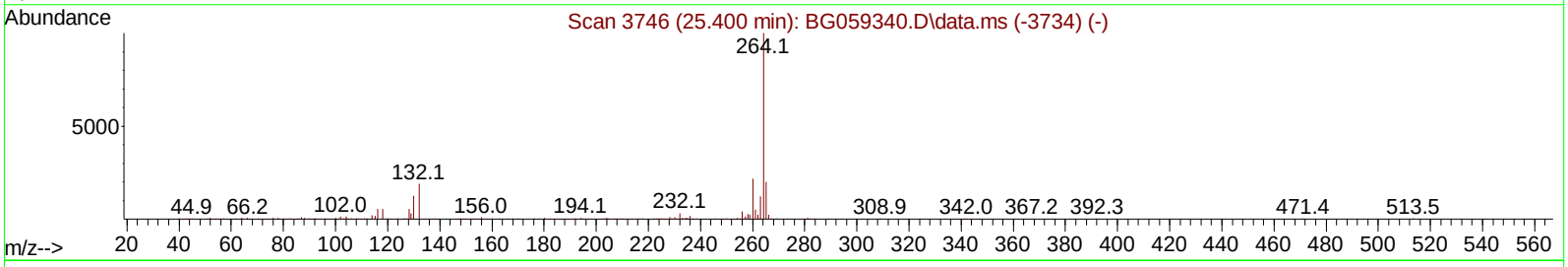

TIC: BG059390.D\data.ms

(88) Perylene-d12 (I)

25.394min (-0.006) 20.00 ng/ul m

response 391676

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	21.70	26.12#
265.00	20.60	21.24
0.00	0.00	0.00

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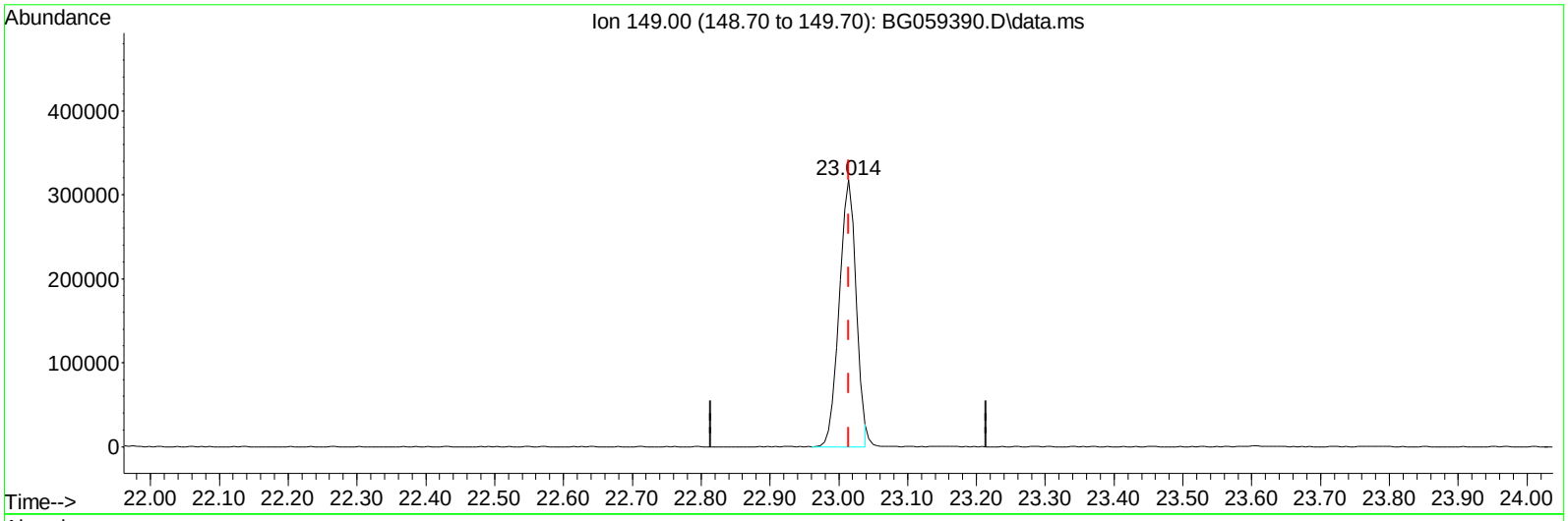

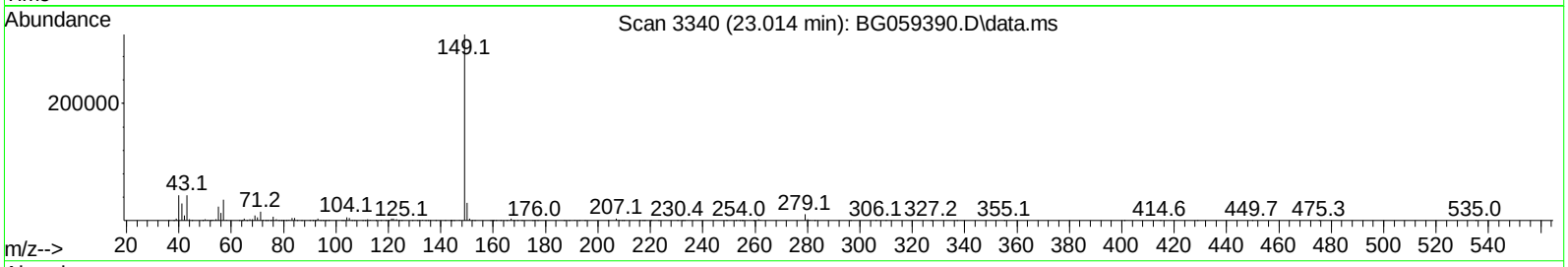

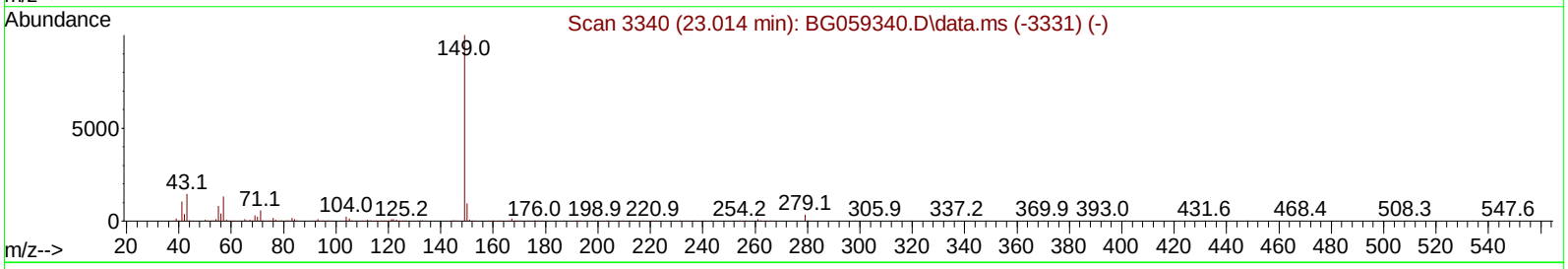

TIC: BG059390.D\data.ms

(89) Di-n-octyl phthalate

23.014min (-0.000) 21.81 ng/ul

response 539027

Ion	Exp%	Act%
149.00	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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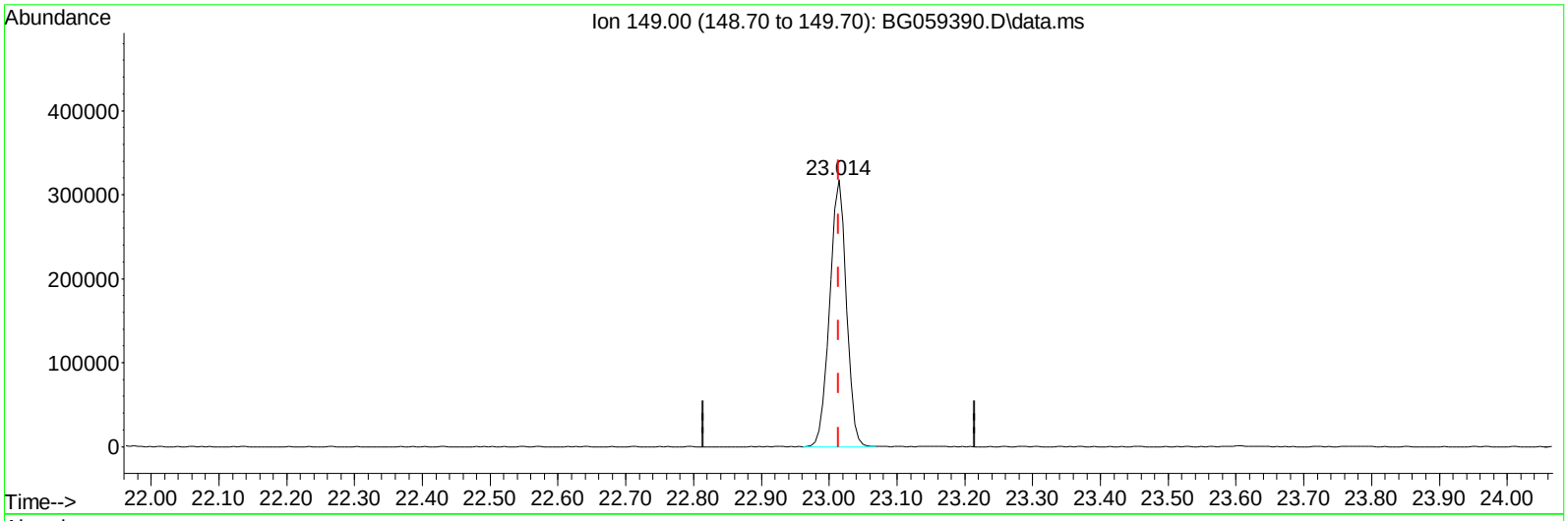
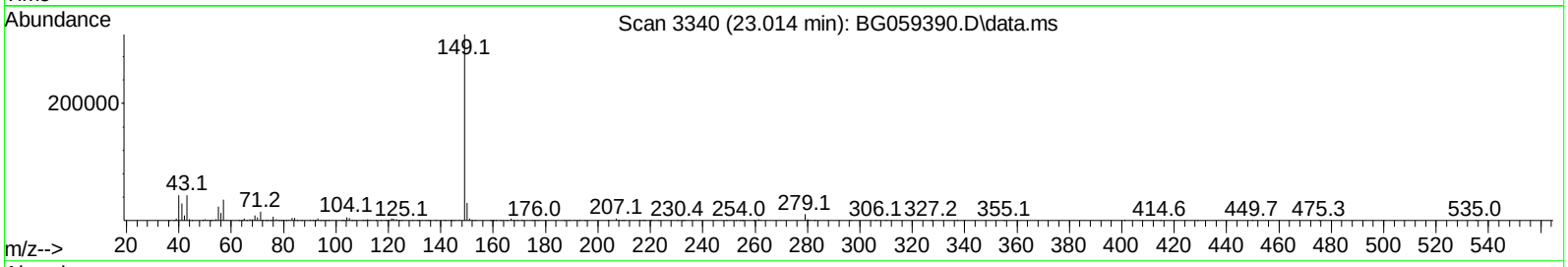
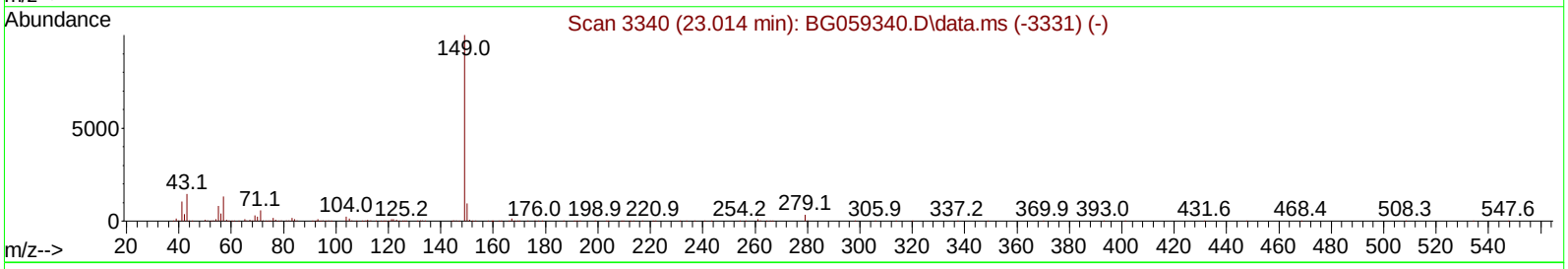
Supervised By :mohammad ahmed 10/09/2023







TIC: BG059390.D\data.ms

(89) Di-n-octyl phthalate

23.014min (-0.000) 22.01 ng/ul m

response 543999

Ion	Exp%	Act%
149.00	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

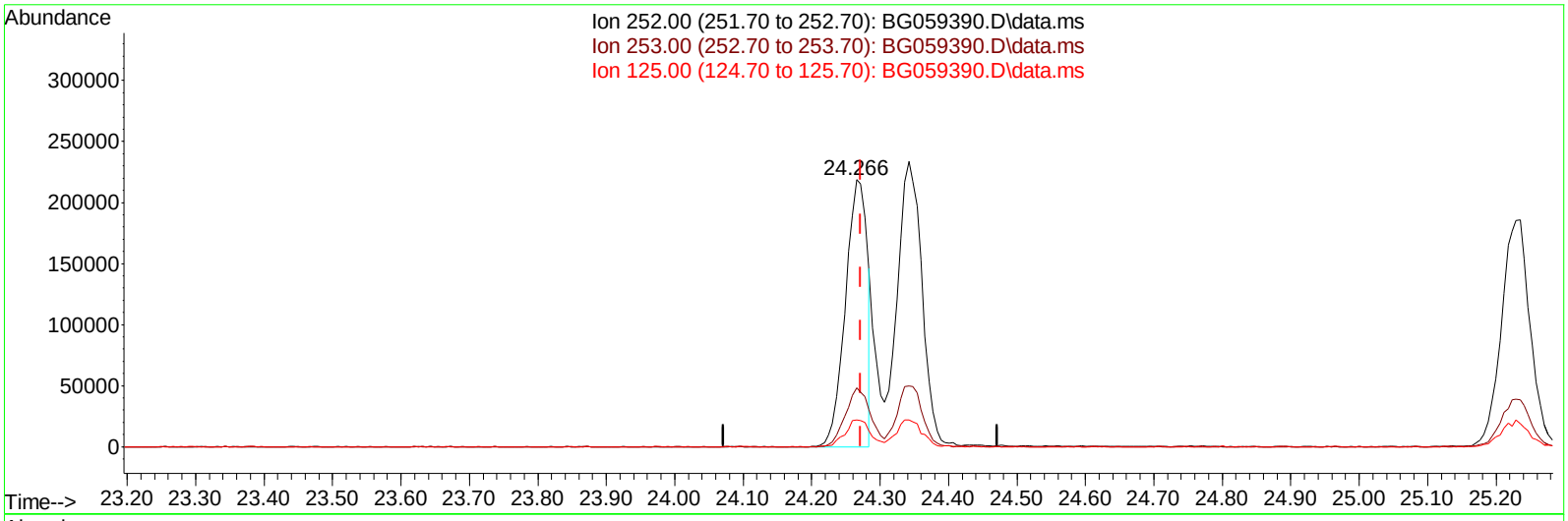
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059390.D
Acq On : 9 Oct 2023 1:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

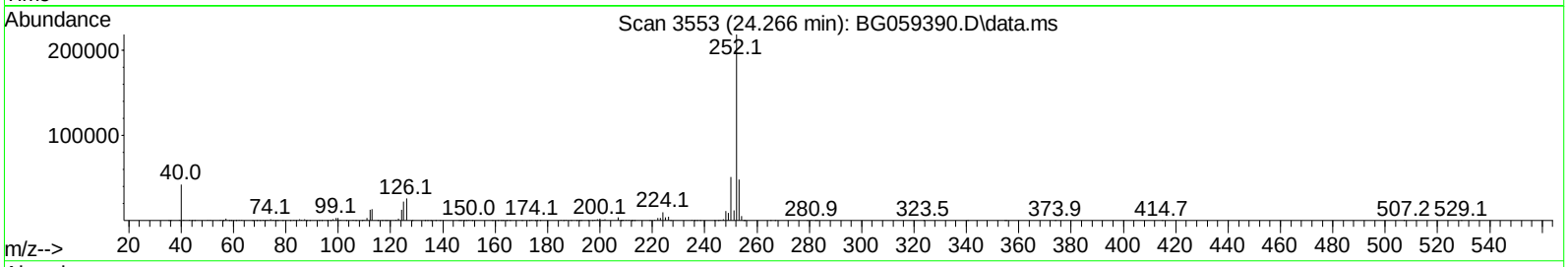
Quant Time: Oct 09 02:17:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

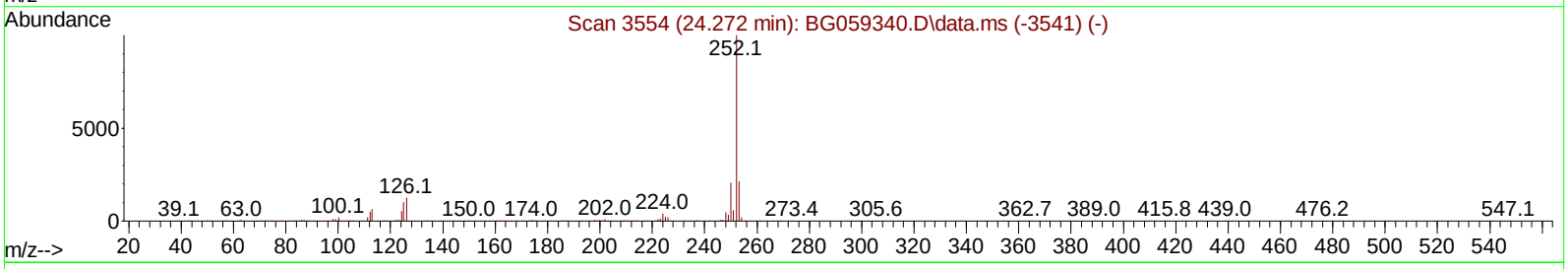
Instrument :
BNA_G
ClientSampleId :
SSTD020592

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023







TIC: BG059390.D\data.ms

(90) Benzo(b)fluoranthene

24.266min (-0.006) 18.73 ng/ul

response 483391

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	22.08
125.00	10.00	10.13
0.00	0.00	0.00

Quantitation Report (Qedit)

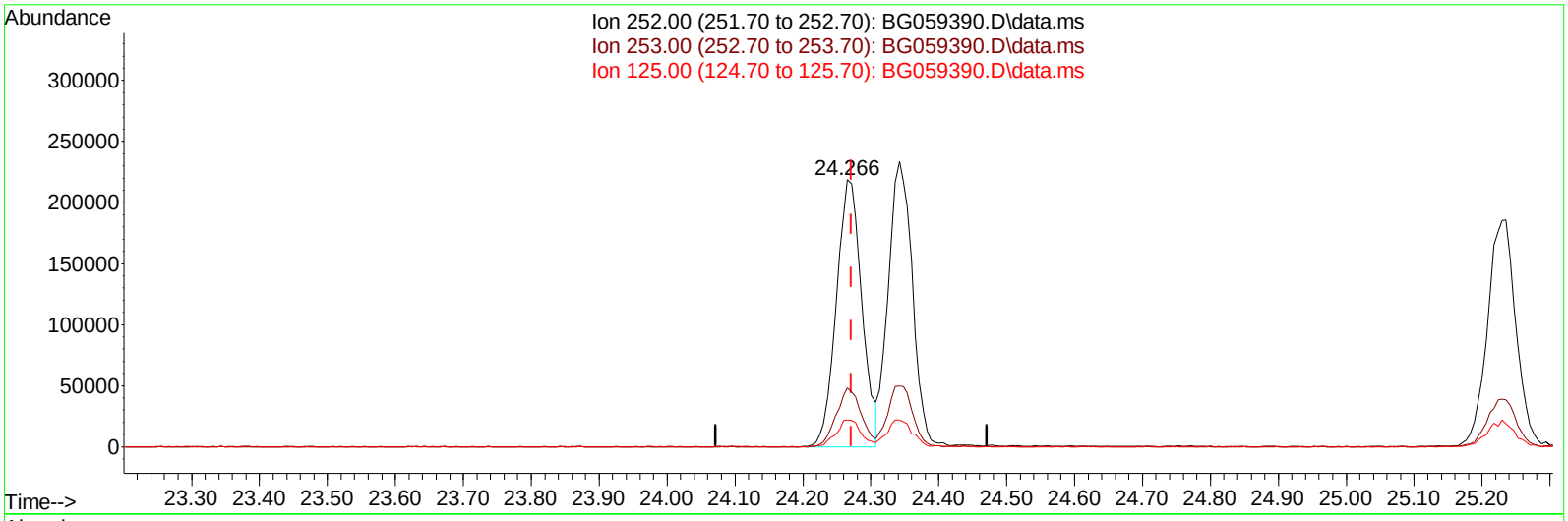
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059390.D
Acq On : 9 Oct 2023 1:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

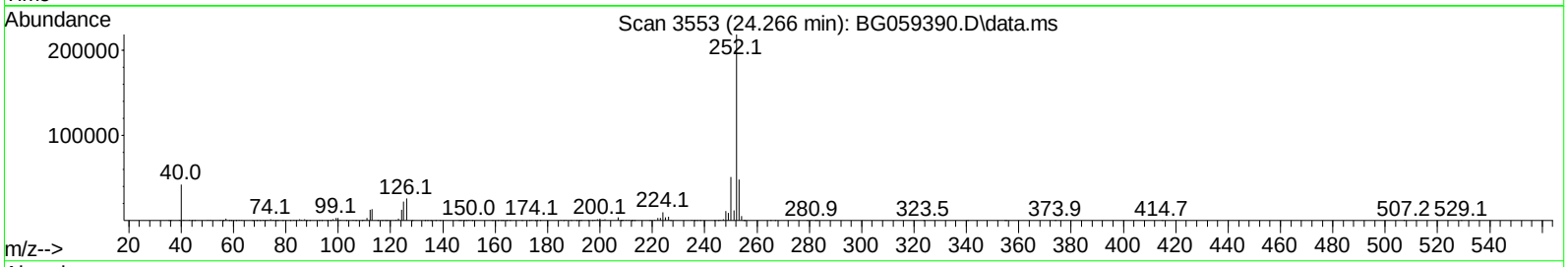
Quant Time: Oct 09 02:17:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

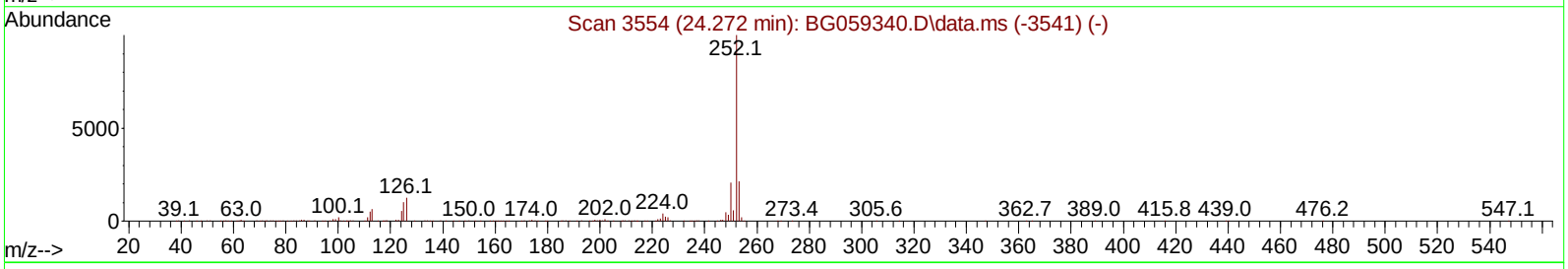
Instrument :
BNA_G
ClientSampleId :
SSTD020592

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023







TIC: BG059390.D\data.ms

(90) Benzo(b)fluoranthene

24.266min (-0.006) 22.06 ng/ul m

response 569217

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	22.08
125.00	10.00	10.13
0.00	0.00	0.00

Quantitation Report (Qedit)

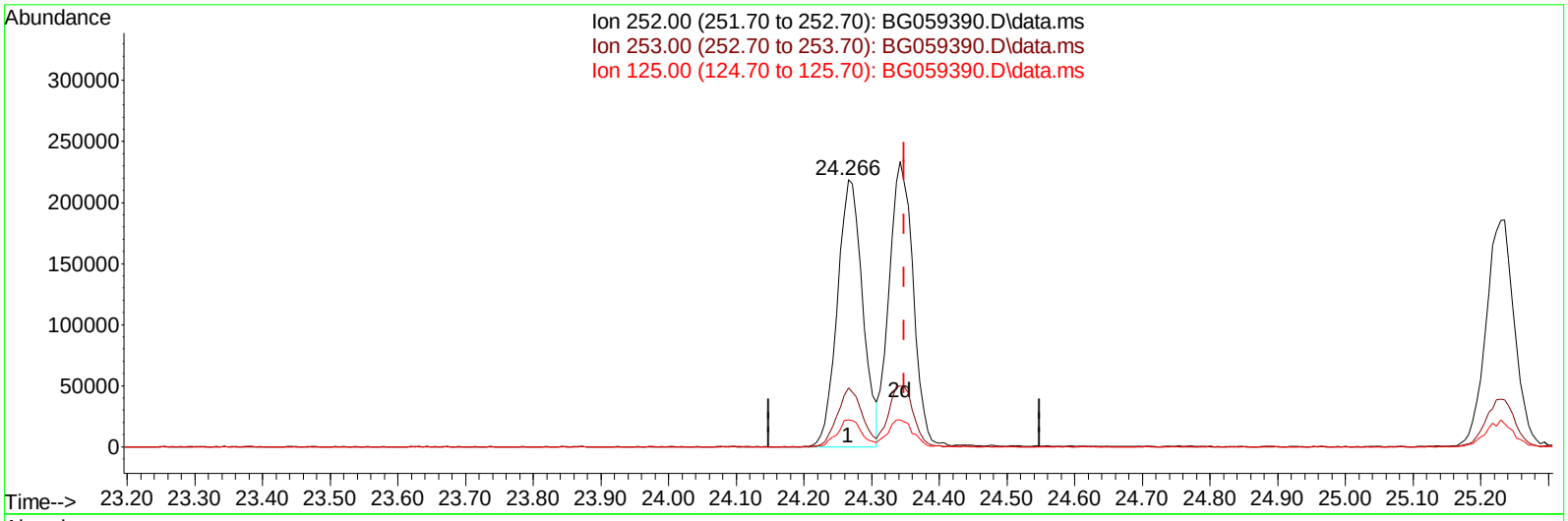
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059390.D
Acq On : 9 Oct 2023 1:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

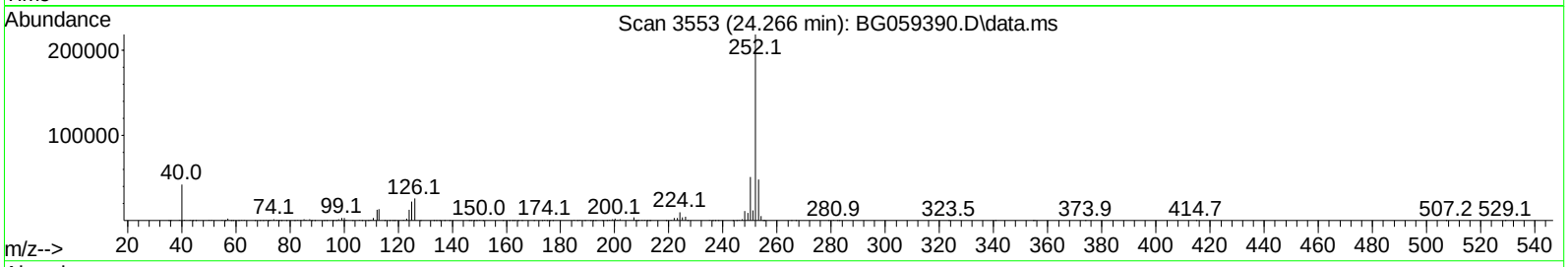
Quant Time: Oct 09 02:18:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

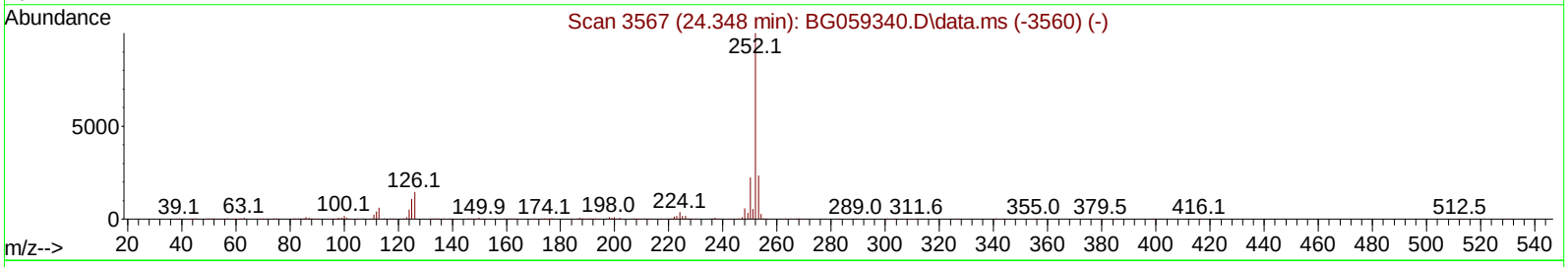
Instrument :
BNA_G
ClientSampleId :
SSTD020592

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023







TIC: BG059390.D\data.ms

(91) Benzo(k)fluoranthene

24.266min (-0.082) 21.72 ng/ul

response 569230

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.70	22.08
125.00	11.20	10.13
0.00	0.00	0.00

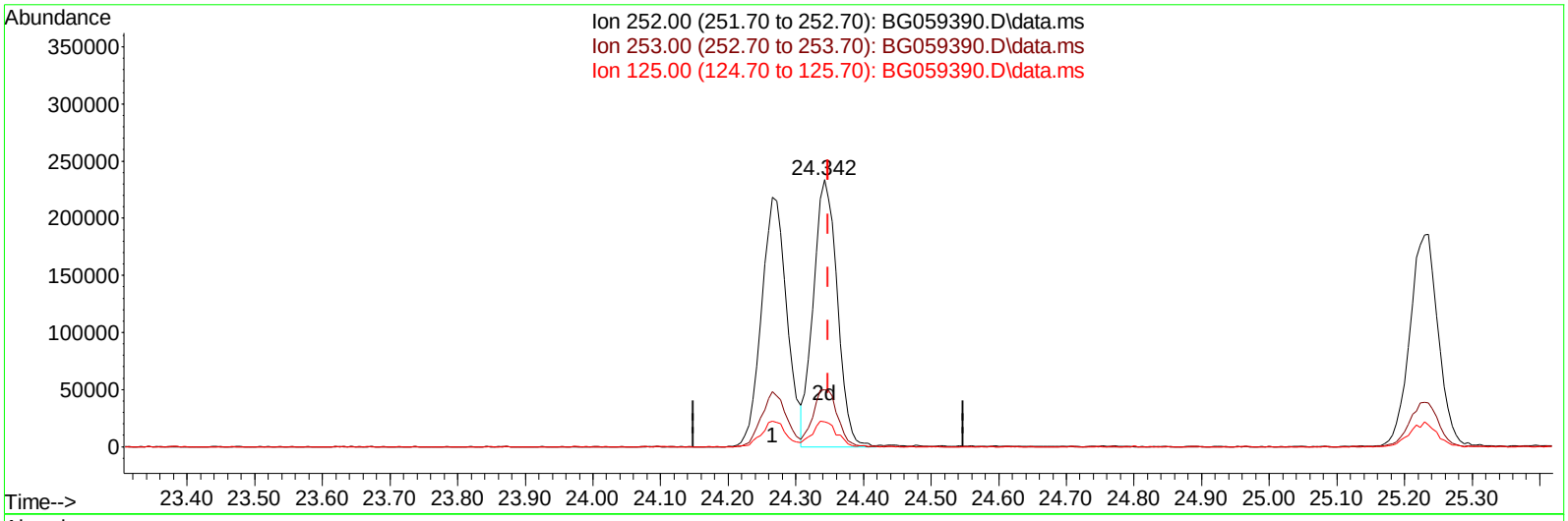
Quantitation Report (Qedit)

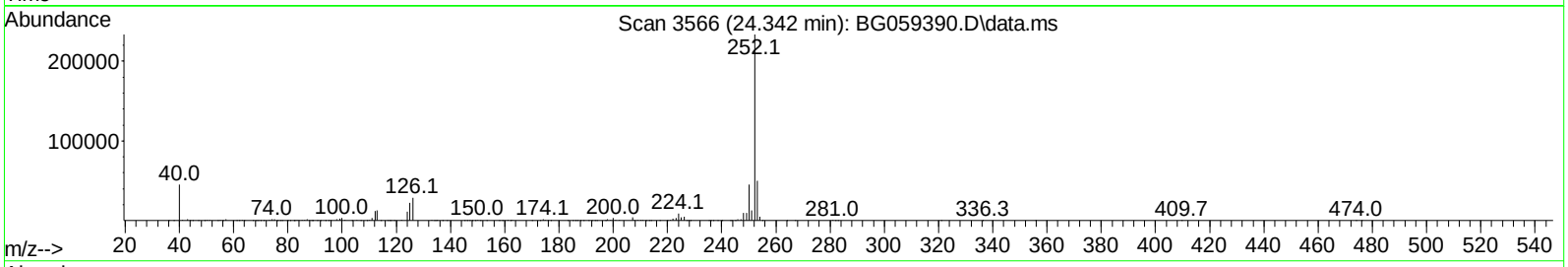
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059390.D
Acq On : 9 Oct 2023 1:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

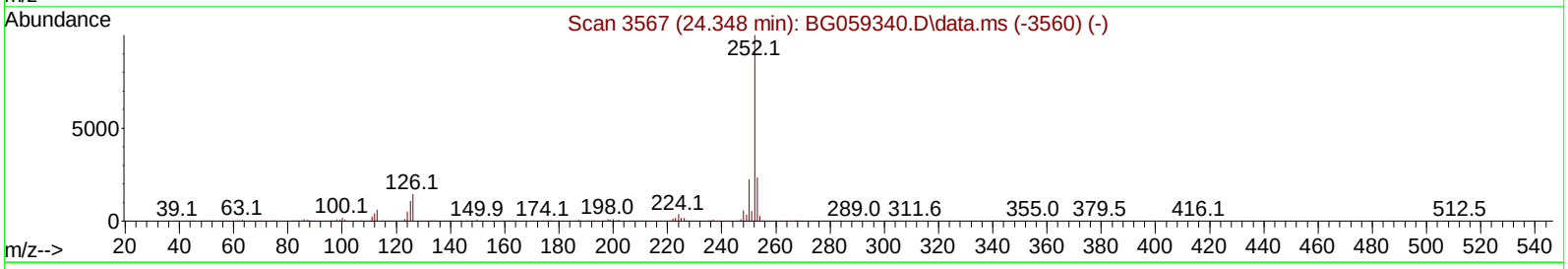
Quant Time: Oct 09 02:18:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020592

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023







TIC: BG059390.D\data.ms

(91) Benzo(k)fluoranthene

24.342min (-0.006) 21.98 ng/ul m

response 576029

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.70	21.27
125.00	11.20	9.43
0.00	0.00	0.00

Quantitation Report (Qedit)

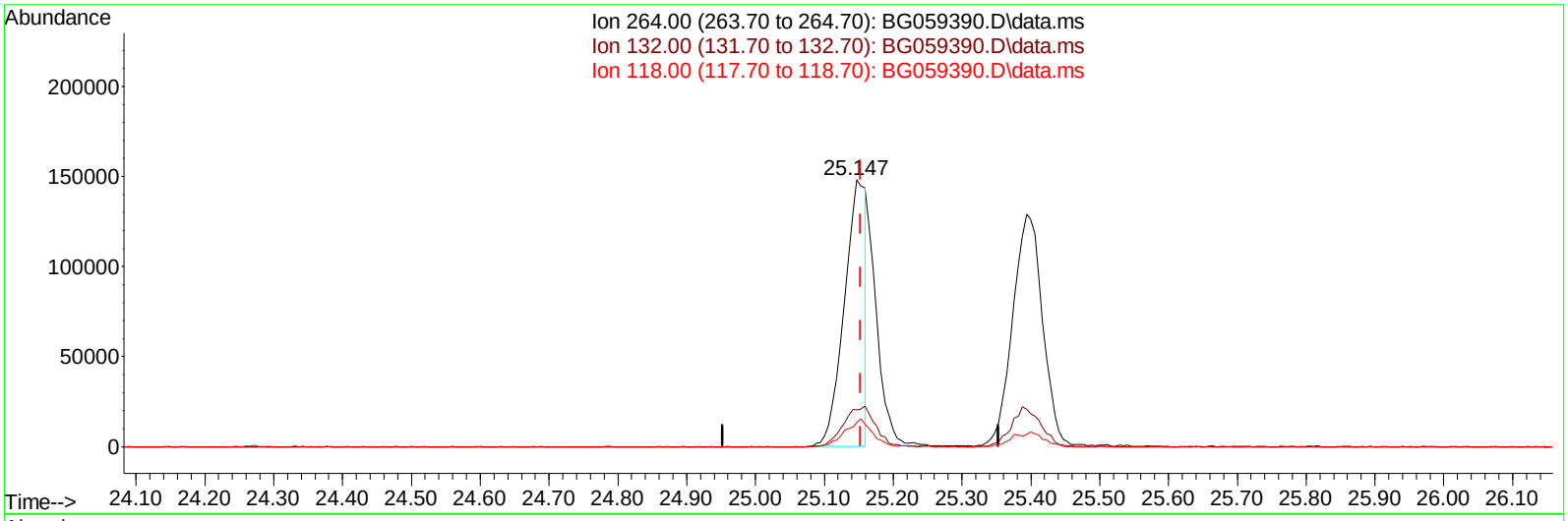
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059390.D
Acq On : 9 Oct 2023 1:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

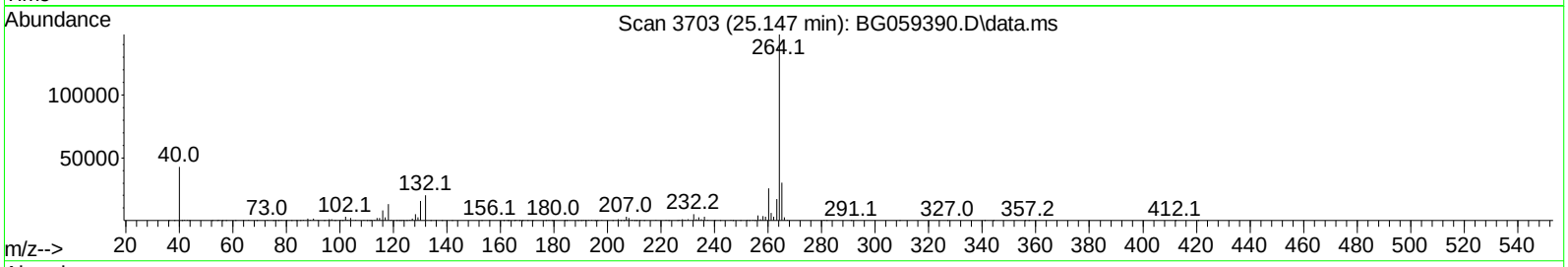
Quant Time: Oct 09 02:18:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

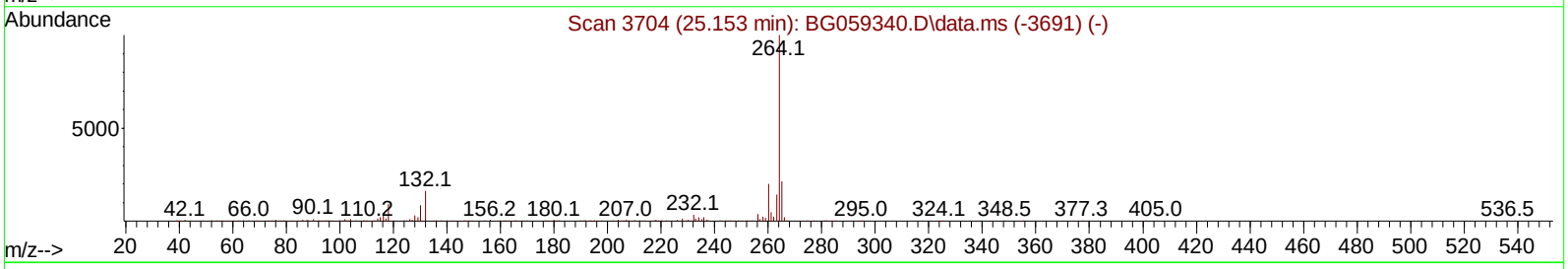
Instrument :
BNA_G
ClientSampleId :
SSTD020592

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023







TIC: BG059390.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

25.147min (-0.006) 15.28 ng/ul

response 314844

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	16.40	13.70
118.00	9.20	8.99
0.00	0.00	0.00

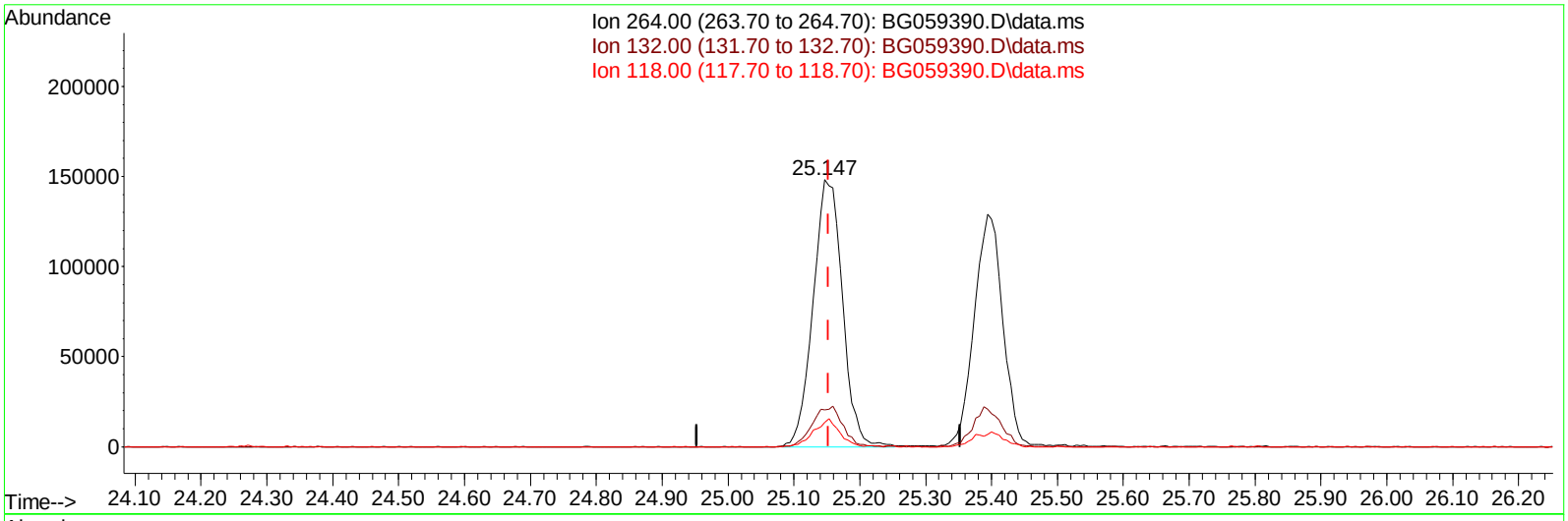
Quantitation Report (Qedit)

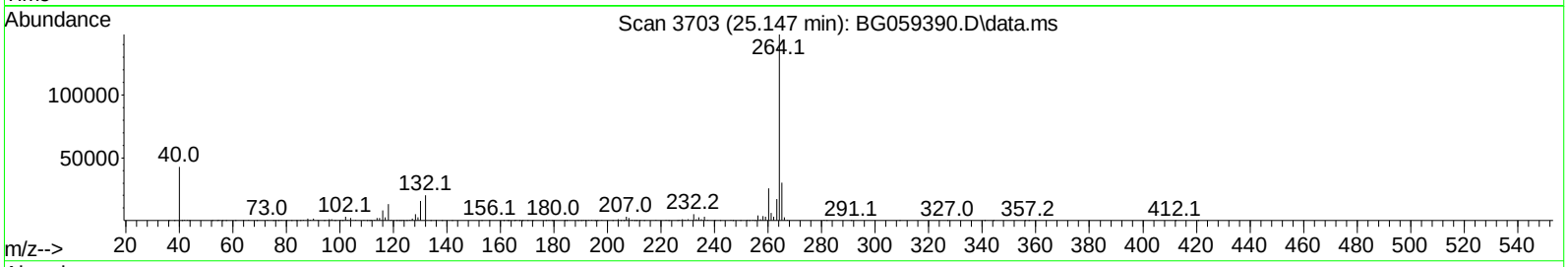
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059390.D
Acq On : 9 Oct 2023 1:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

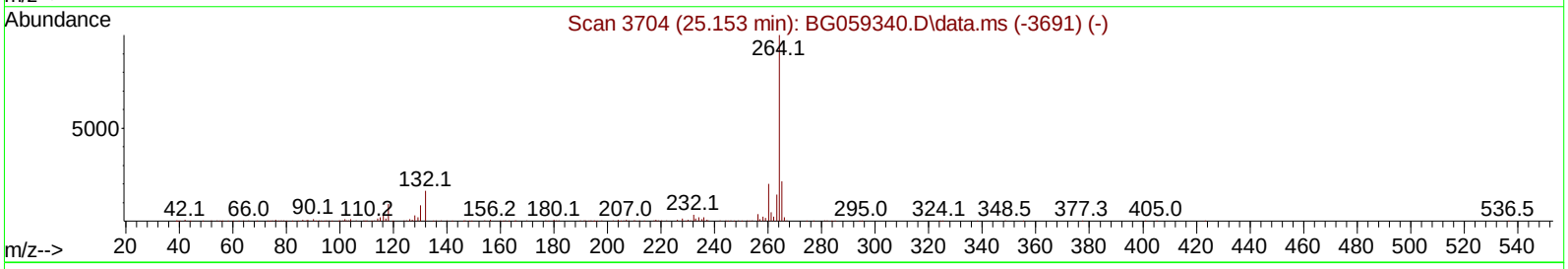
Quant Time: Oct 09 02:18:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020592

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023







TIC: BG059390.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

25.147min (-0.006) 22.25 ng/ul m

response 458523

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	16.40	13.70
118.00	9.20	8.99
0.00	0.00	0.00

Quantitation Report (Qedit)

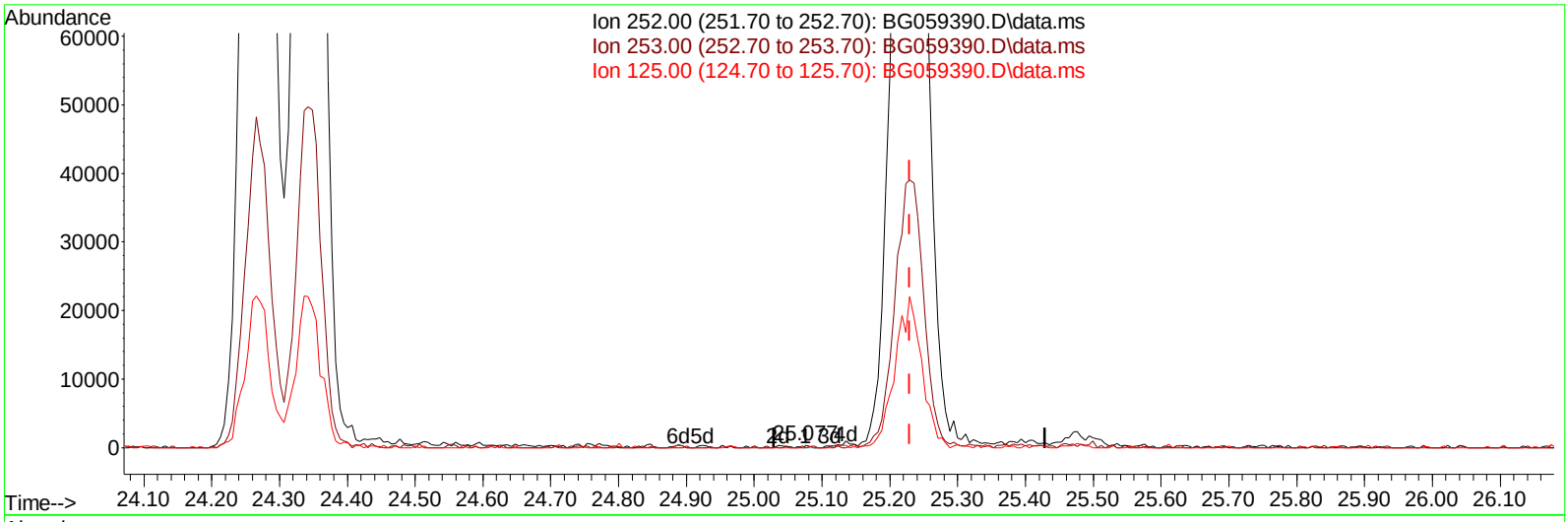
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059390.D
Acq On : 9 Oct 2023 1:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

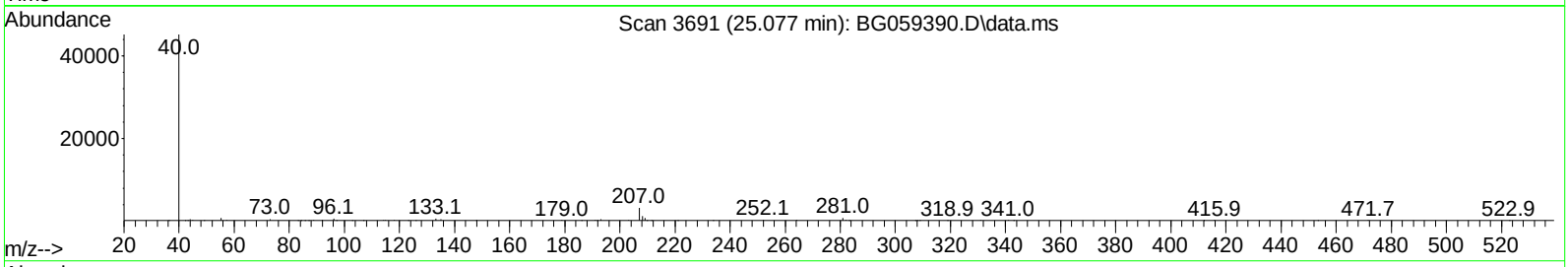
Quant Time: Oct 09 02:18:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

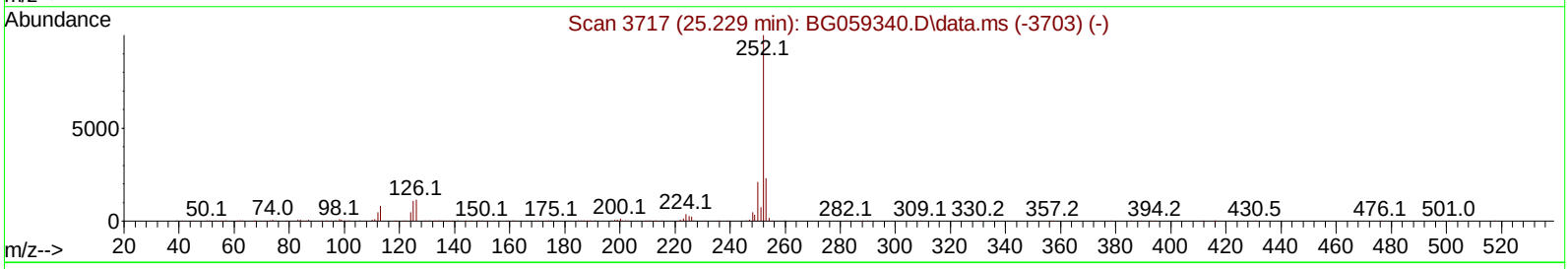
Instrument :
BNA_G
ClientSampleId :
SSTD020592

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023







TIC: BG059390.D\data.ms

(93) Benzo(a)pyrene (C)

25.077min (-0.153) 0.01 ng/ul

response 185

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.10	0.00#
125.00	10.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

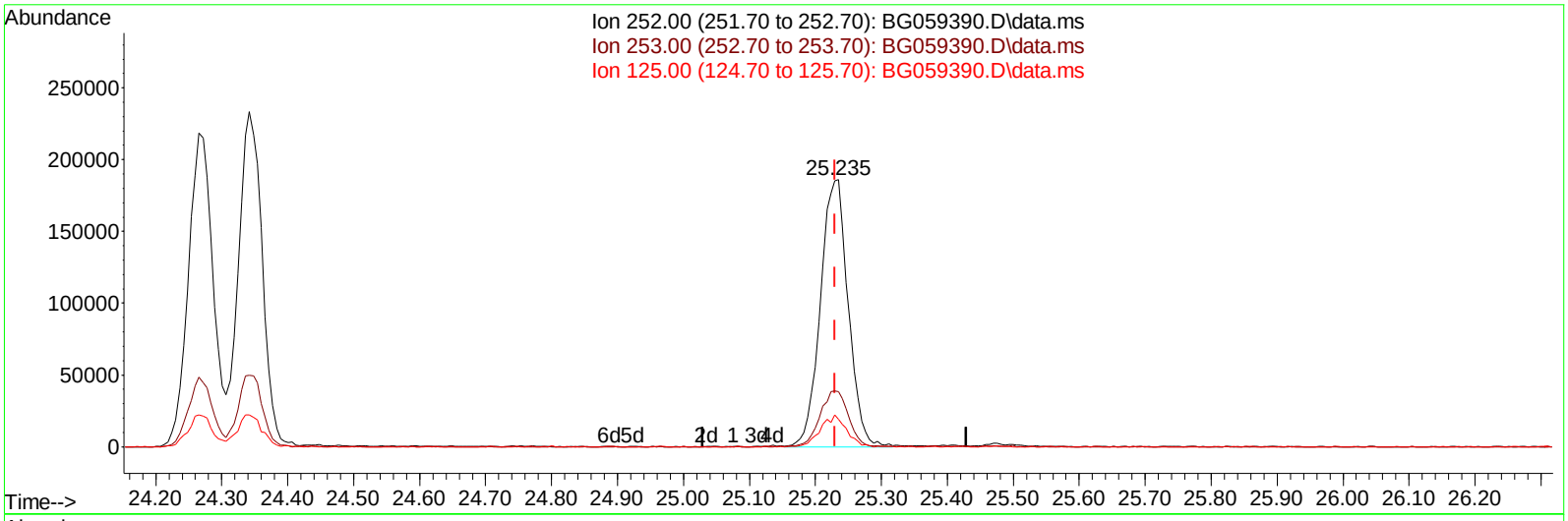
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059390.D
Acq On : 9 Oct 2023 1:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

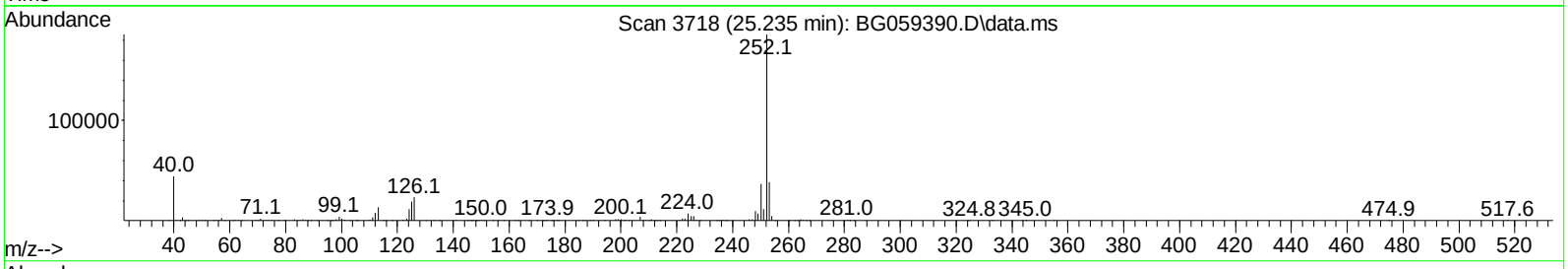
Quant Time: Oct 09 02:18:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

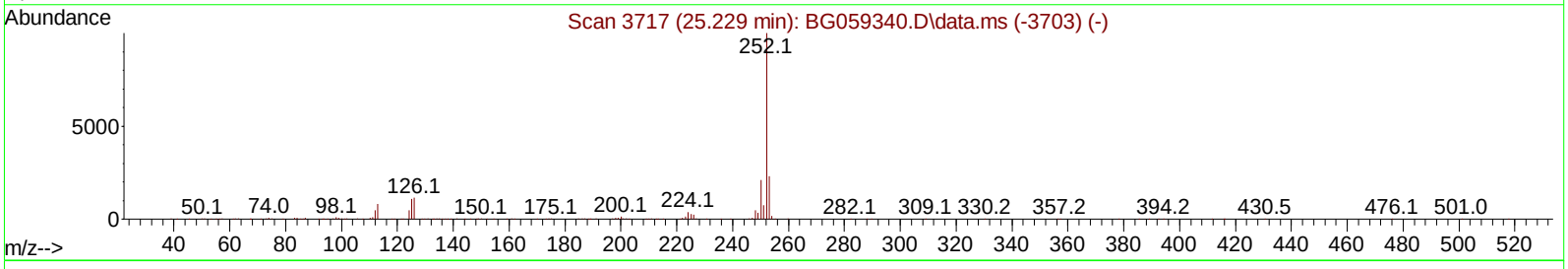
Instrument :
BNA_G
ClientSampleId :
SSTD020592

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023







TIC: BG059390.D\data.ms

(93) Benzo(a)pyrene (C)

25.235min (+ 0.006) 22.11 ng/ul m

response 543441

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.10	20.74
125.00	10.90	10.24
0.00	0.00	0.00

Quantitation Report (Qedit)

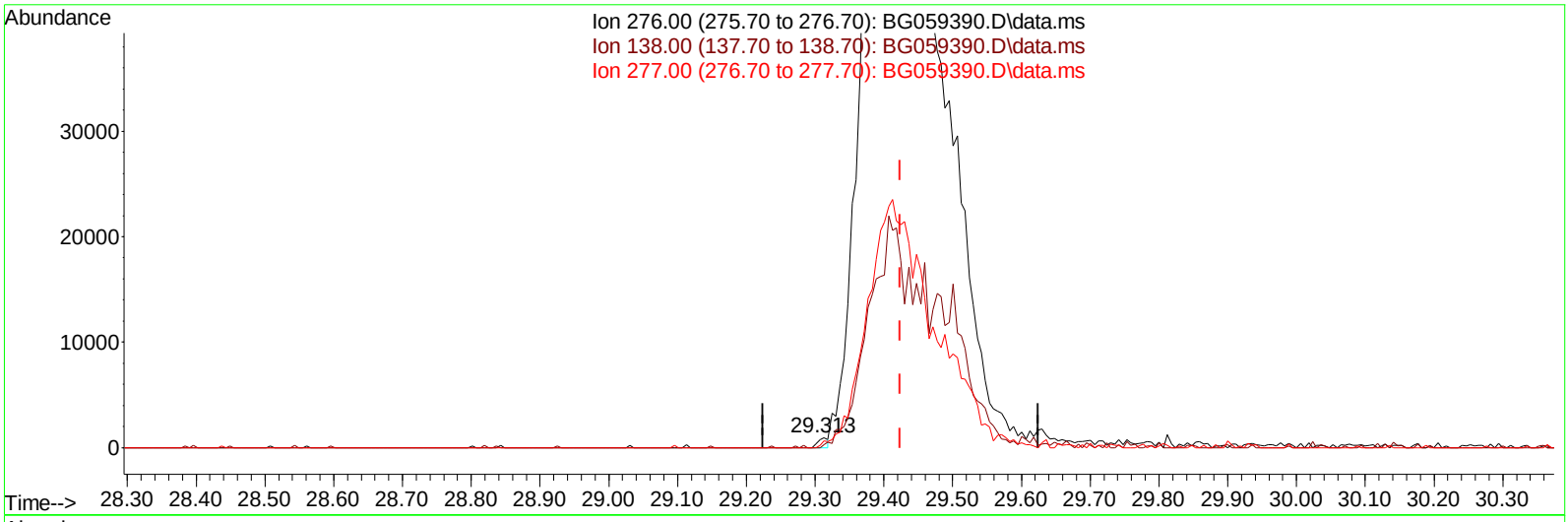
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059390.D
Acq On : 9 Oct 2023 1:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

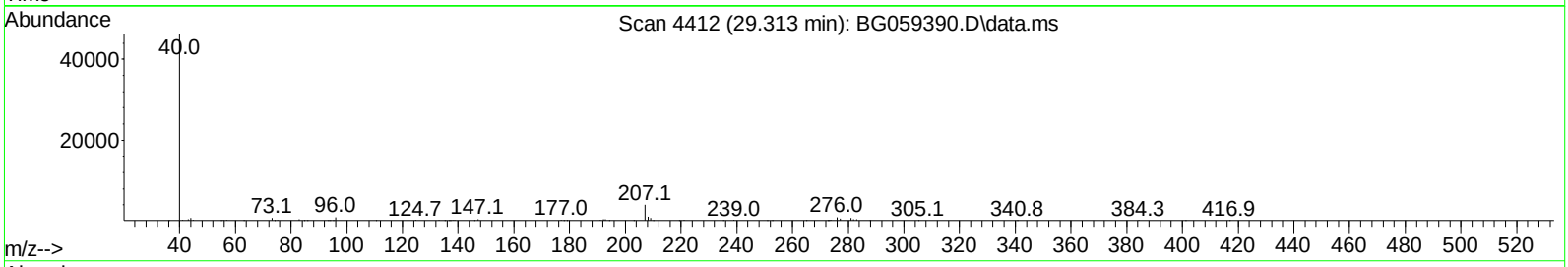
Quant Time: Oct 09 02:19:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

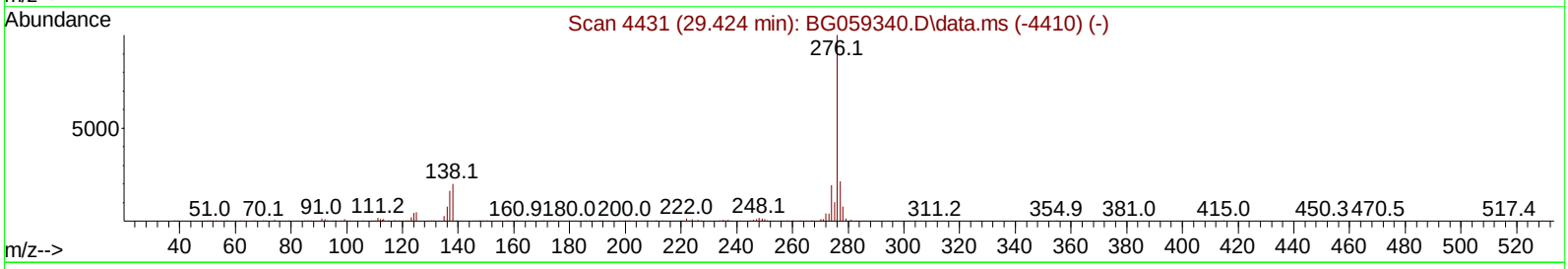
Instrument :
BNA_G
ClientSampleId :
SSTD020592

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023







TIC: BG059390.D\data.ms

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

29.313min (-0.112) 0.03 ng/ul

response 989

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.30	26.69#
277.00	21.40	64.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

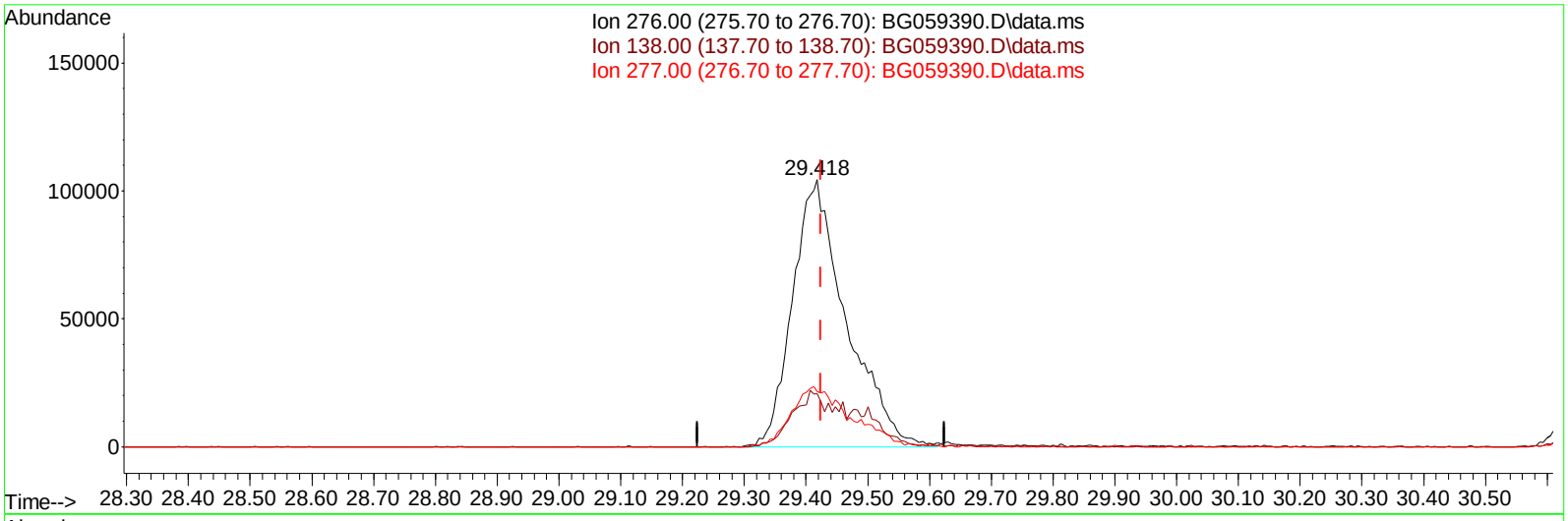
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059390.D
Acq On : 9 Oct 2023 1:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

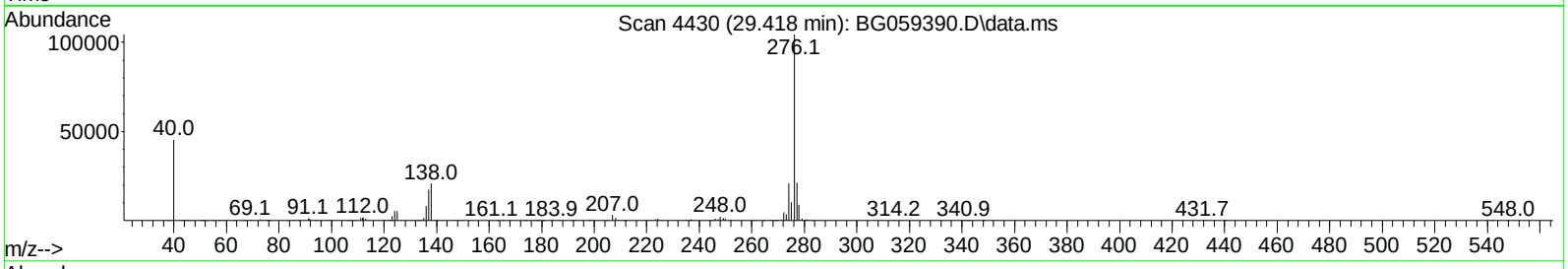
Quant Time: Oct 09 02:19:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

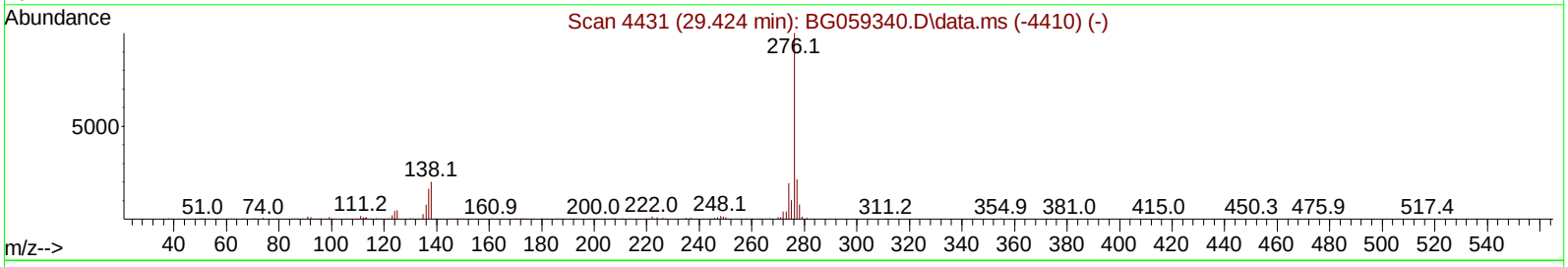
Instrument :
BNA_G
ClientSampleId :
SSTD020592

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023







TIC: BG059390.D\data.ms

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

29.418min (-0.006) 22.23 ng/ul m

response 629500

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.30	19.98
277.00	21.40	20.60
0.00	0.00	0.00

Quantitation Report (Qedit)

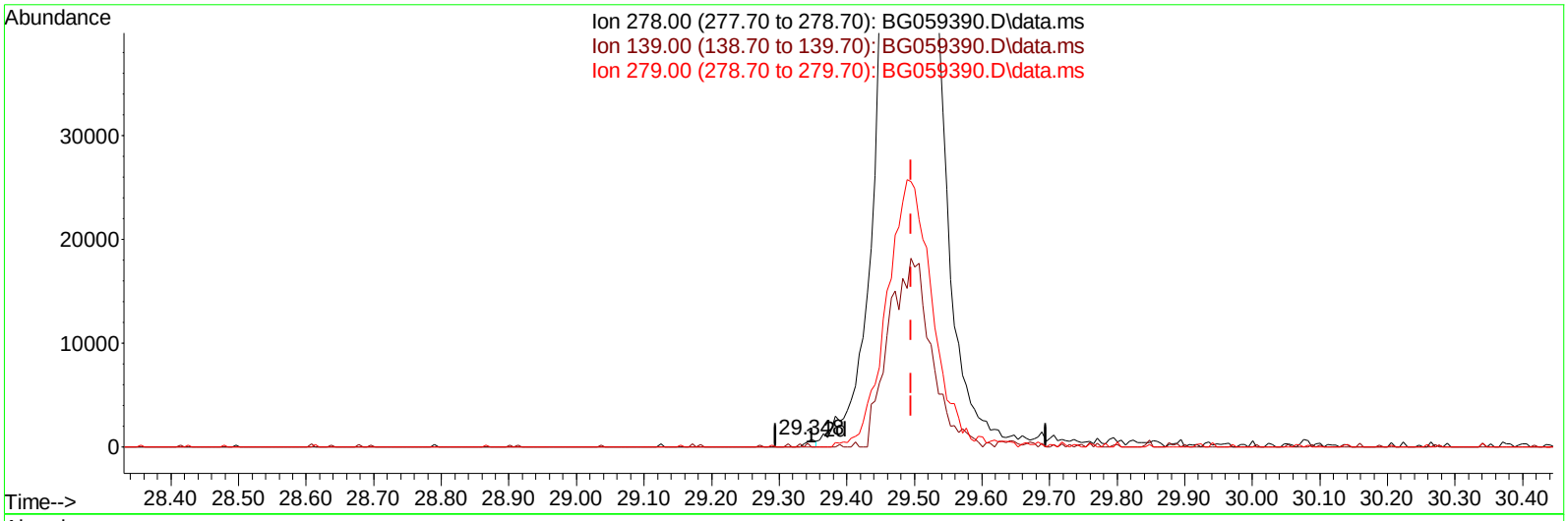
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059390.D
Acq On : 9 Oct 2023 1:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

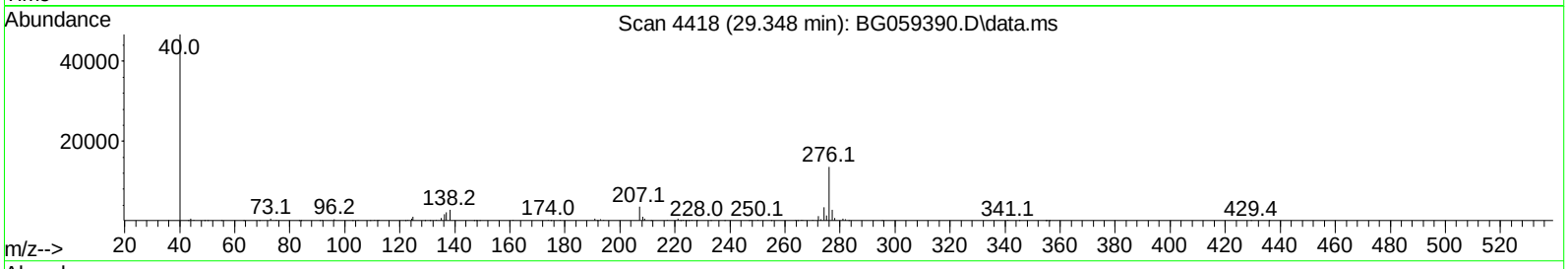
Quant Time: Oct 09 02:19:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

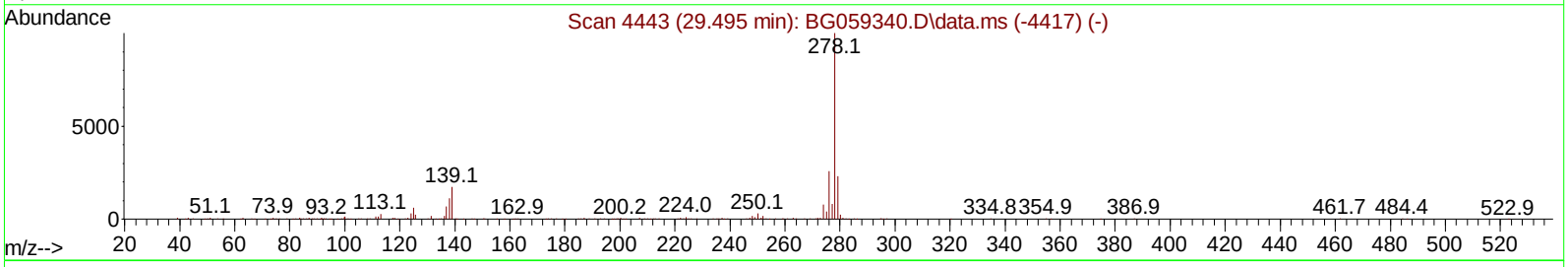
Instrument :
BNA_G
ClientSampleId :
SSTD020592

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023







TIC: BG059390.D\data.ms

(95) Dibenzo(a,h)anthracene

29.348min (-0.147) 0.03 ng/ul

response 708

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	17.10	0.00#
279.00	23.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

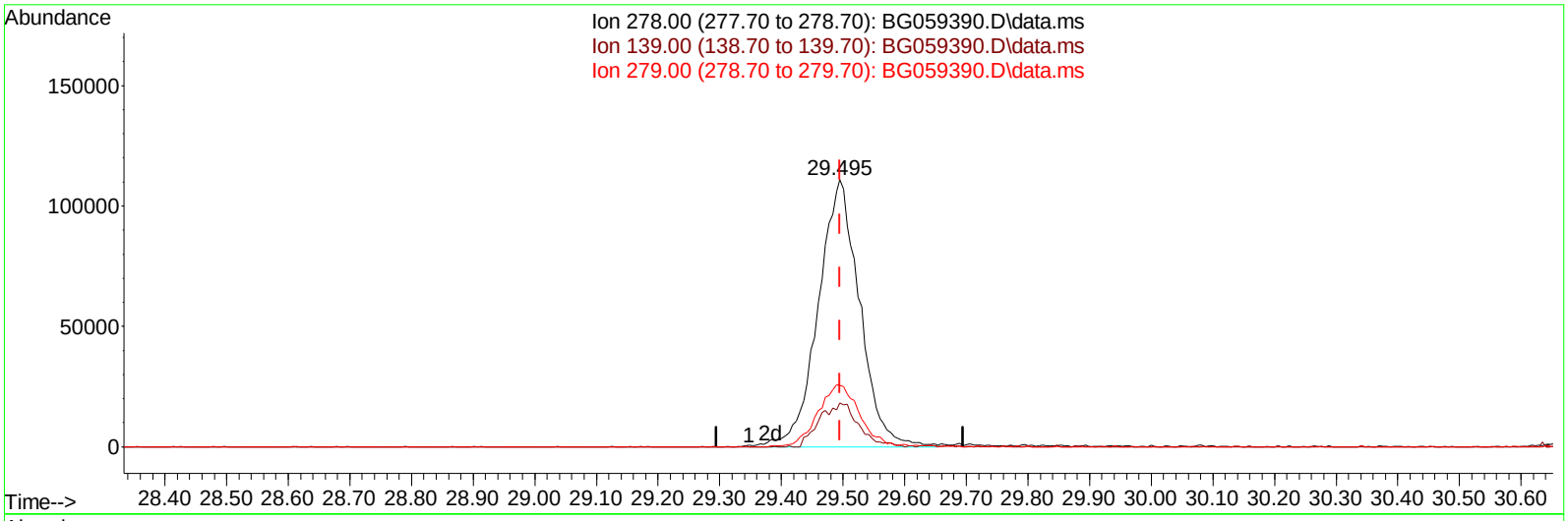
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059390.D
Acq On : 9 Oct 2023 1:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

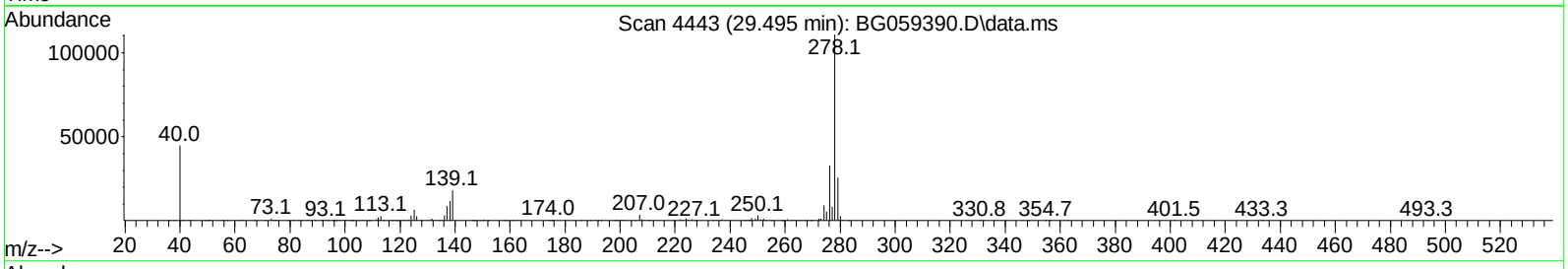
Quant Time: Oct 09 02:19:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

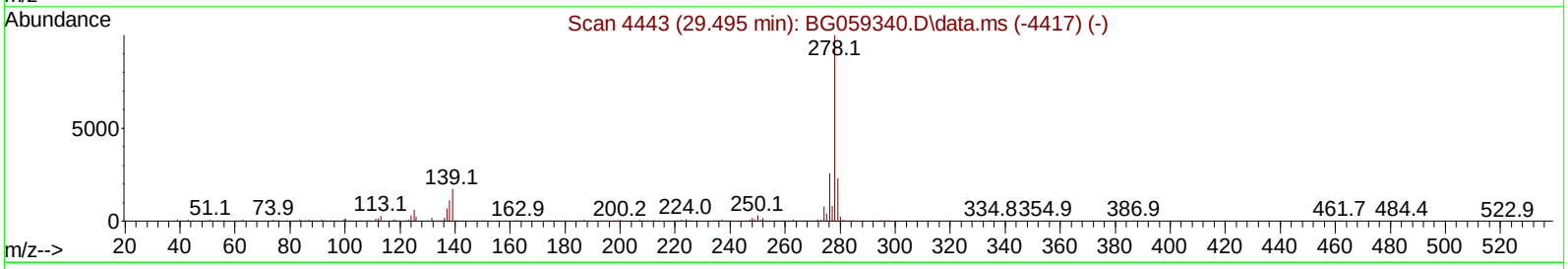
Instrument :
BNA_G
ClientSampleId :
SSTD020592

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023







TIC: BG059390.D\data.ms

(95) Dibenzo(a,h)anthracene

29.495min (-0.000) 22.48 ng/ul m

response 517662

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	17.10	16.40
279.00	23.20	23.06
0.00	0.00	0.00

Quantitation Report (Qedit)

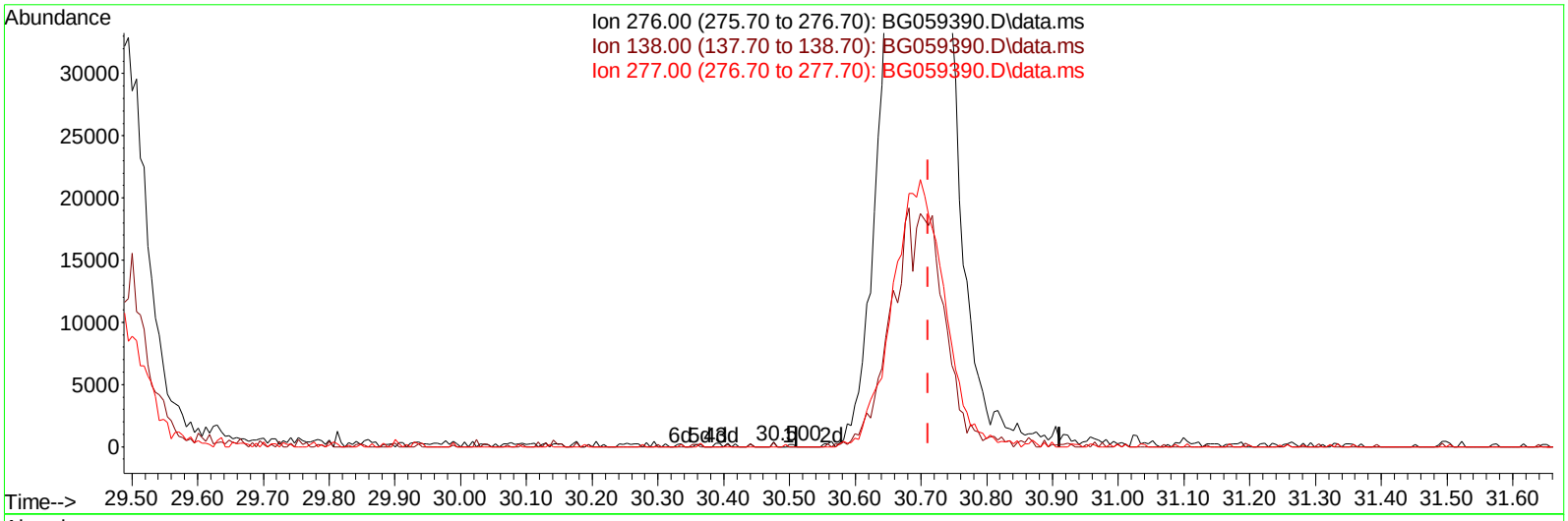
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059390.D
Acq On : 9 Oct 2023 1:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

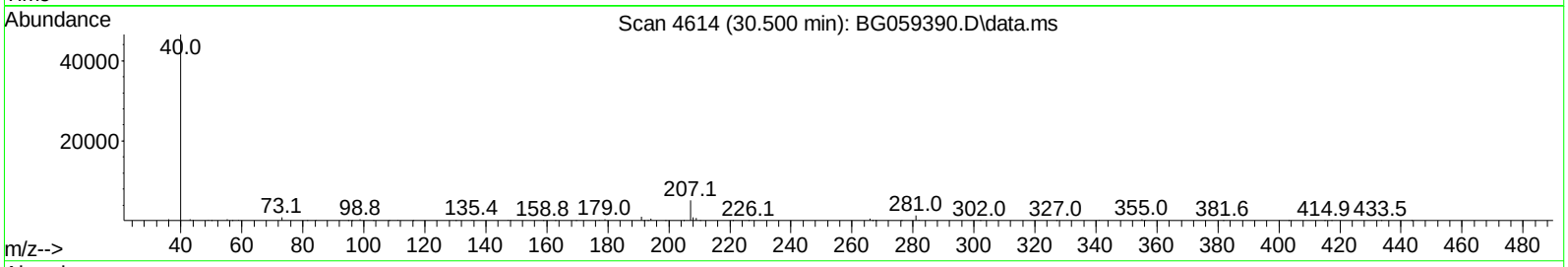
Quant Time: Oct 09 02:19:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

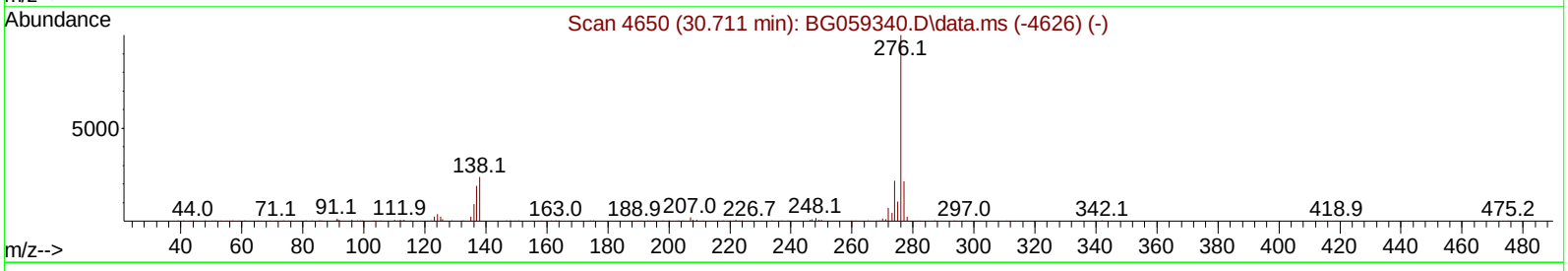
Instrument :
BNA_G
ClientSampleId :
SSTD020592

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023







TIC: BG059390.D\data.ms

(96) Benzo(g,h,i)perylene

30.500min (-0.212) 0.01 ng/ul

response 119

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.70	0.00#
277.00	21.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059390.D
Acq On : 9 Oct 2023 1:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Oct 09 02:19:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020592

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2023
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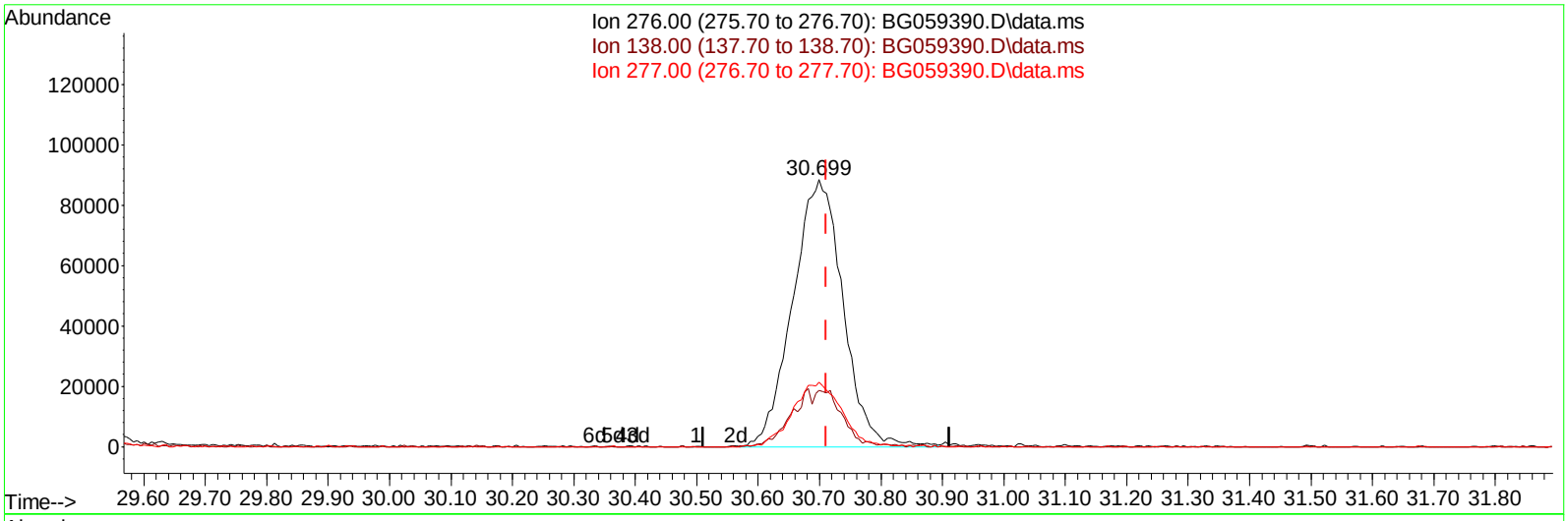

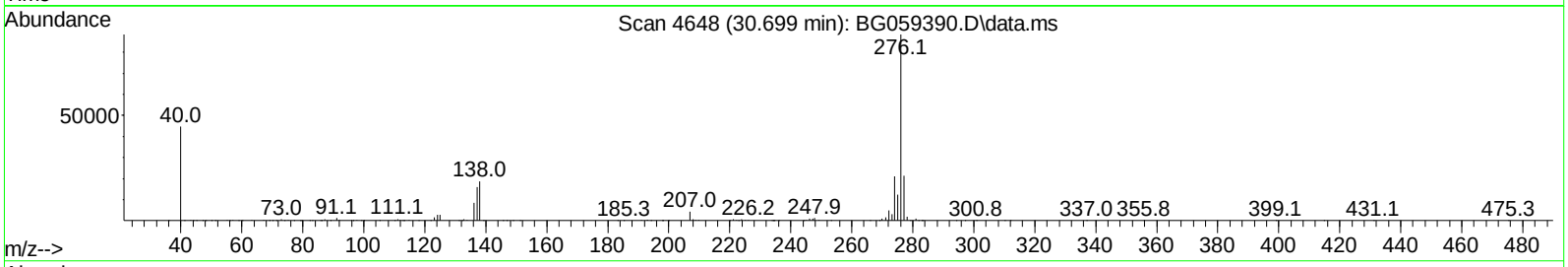

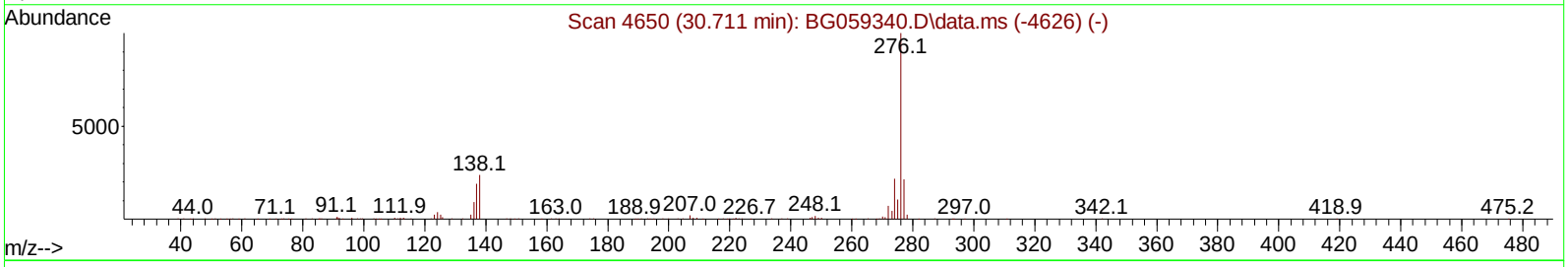

TIC: BG059390.D\data.ms

(96) Benzo(g,h,i)perylene

30.699min (-0.012) 22.28 ng/ul m

response 503097

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.70	21.23
277.00	21.50	24.27
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059390.D
Acq On : 9 Oct 2023 1:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Oct 09 02:20:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020592

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.226	152	49887	20.000	ng/ul		0.00
20) Naphthalene-d8	11.069	136	236121	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.859	164	163935	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.609	188	367681	20.000	ng/ul		0.00
79) Chrysene-d12	21.916	240	337648	20.000	ng/ul		0.00
88) Perylene-d12	25.394	264	391676m	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.531	96	11293	8.071	ng/uL		0.00
4) Pyridine-d5	3.960	84	84934	21.090	ng/ul		0.00
7) Phenol-d5	7.350	99	111414	20.226	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.550	67	65562	21.058	ng/ul		0.00
11) 2-Chlorophenol-d4	7.744	132	85030	22.071	ng/ul		0.00
15) 4-Methylphenol-d8	8.919	113	88250	20.563	ng/ul		0.00
21) Nitrobenzene-d5	9.424	128	45097	22.436	ng/ul		0.00
24) 2-Nitrophenol-d4	10.147	143	49581	22.790	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.670	165	91164	23.216	ng/ul		0.00
31) 4-Chloroaniline-d4	11.216	131	136097	21.820	ng/ul		0.00
46) Dimethylphthalate-d6	14.254	166	279404	20.804	ng/ul		0.00
49) Acenaphthylene-d8	14.565	160	343433	21.488	ng/ul		0.00
54) 4-Nitrophenol-d4	15.053	143	50876	20.214	ng/ul		0.00
60) Fluorene-d10	15.852	176	260188	20.296	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.964	200	49770	20.502	ng/ul		0.00
73) Anthracene-d10	17.709	188	401105	22.238	ng/ul		0.00
81) Pyrene-d10	19.982	212	449692	21.985	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.147	264	458523m	22.247	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.561	88	12134	8.124	ng/uL	#	69
5) Pyridine	3.984	79	84818	20.859	ng/ul		93
6) Benzaldehyde	7.374	77	50811	22.238	ng/ul		95
8) Phenol	7.385	94	112624	20.676	ng/ul		97
10) Bis(2-Chloroethyl)ether	7.644	93	84932	20.247	ng/ul		95
12) 2-Chlorophenol	7.779	128	86398	21.283	ng/ul	#	94
13) 2-Methylphenol	8.655	108	84353	20.725	ng/ul		89
14) 2,2'-oxybis(1-Chloropr...	8.743	45	180723	20.591	ng/ul		97
16) Acetophenone	9.072	105	136605	20.946	ng/ul		97
17) N-Nitroso-di-n-propyla...	9.031	70	63111	19.421	ng/ul	#	86
18) 4-Methylphenol	8.989	108	93520	20.894	ng/ul		97
19) Hexachloroethane	9.307	117	31590	21.394	ng/ul		88
22) Nitrobenzene	9.471	77	96451	21.888	ng/ul		91
23) Isophorone	9.971	82	203548	21.632	ng/ul	#	98
25) 2-Nitrophenol	10.176	139	51473	22.941	ng/ul	#	88
26) 2,4-Dimethylphenol	10.206	107	95277	21.526	ng/ul		98
27) Bis(2-Chloroethoxy)met...	10.458	93	126193	22.318	ng/ul		99
29) 2,4-Dichlorophenol	10.699	162	88338	22.341	ng/ul		93
30) Naphthalene	11.122	128	299920	21.962	ng/ul		97
32) 4-Chloroaniline	11.240	127	130480	22.113	ng/ul		97
33) Hexachlorobutadiene	11.346	225	56665	23.735	ng/ul		95
34) Caprolactam	12.015	113	30441	21.201	ng/ul	#	78
35) 4-Chloro-3-methylphenol	12.321	107	93047	21.930	ng/ul		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059390.D
Acq On : 9 Oct 2023 1:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Oct 09 02:20:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020592

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.703	142	198115	21.761	ng/ul	95
37) 1-Methylnaphthalene	12.926	142	208990	22.109	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.049	216	110498	22.629	ng/ul#	97
40) Hexachlorocyclopentadiene	13.002	237	61206	20.878	ng/ul#	90
41) 2,4,6-Trichlorophenol	13.296	196	76016	22.942	ng/ul	93
42) 2,4,5-Trichlorophenol	13.367	196	77320	21.486	ng/ul	95
43) 1,1'-Biphenyl	13.696	154	300358	22.261	ng/ul	98
44) 2-Chloronaphthalene	13.754	162	219632	21.177	ng/ul	99
45) 2-Nitroaniline	13.972	65	68141	20.064	ng/ul	93
47) Dimethylphthalate	14.301	163	284093	21.047	ng/ul	98
48) 2,6-Dinitrotoluene	14.454	165	57509	21.118	ng/ul	92
50) Acenaphthylene	14.595	152	364087	21.192	ng/ul	98
51) 3-Nitroaniline	14.789	138	58305	21.866	ng/ul#	95
52) Acenaphthene	14.930	153	248118	21.345	ng/ul	97
53) 2,4-Dinitrophenol	14.988	184	27211	13.911	ng/ul	95
55) 4-Nitrophenol	15.071	109	34678m	20.421	ng/ul	
56) Dibenzofuran	15.259	168	338967	21.134	ng/ul	98
57) 2,4-Dinitrotoluene	15.229	165	85193	21.361	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.470	232	72718	21.059	ng/ul	96
59) Diethylphthalate	15.652	149	270859	20.176	ng/ul	99
61) Fluorene	15.905	166	283956	20.808	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.887	204	144216	21.387	ng/ul	96
63) 4-Nitroaniline	15.952	138	53201	22.161	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.981	198	55506	21.498	ng/ul	96
67) N-Nitrosodiphenylamine	16.111	169	234565	22.544	ng/ul	100
68) 4-Bromophenyl-phenylether	16.786	248	84281	21.586	ng/ul	94
69) Hexachlorobenzene	16.880	284	98233	22.042	ng/ul	96
70) Atrazine	17.039	200	93375	22.634	ng/ul	99
71) Pentachlorophenol	17.239	266	54229	20.937	ng/ul	96
72) Phenanthrene	17.656	178	480033	22.044	ng/ul	100
74) Anthracene	17.744	178	500319	22.591	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.660	216	115806	24.243	ng/uL	89
76) Pentachlorobenzene	15.153	250	111937	22.642	ng/uL	94
77) Carbazole	18.026	167	418194	22.690	ng/ul	97
78) Di-n-butylphthalate	18.525	149	494793	22.691	ng/ul	99
80) Fluoranthene	19.648	202	560881	22.037	ng/ul	97
82) Pyrene	20.018	202	577619	21.837	ng/ul	97
83) Butylbenzylphthalate	20.864	149	207297	21.210	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.810	252	194916	23.140	ng/ul	91
85) Benzo(a)anthracene	21.892	228	553819	21.476	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.722	149	315717	21.599	ng/ul	98
87) Chrysene	21.963	228	525830	21.709	ng/ul	98
89) Di-n-octyl phthalate	23.014	149	543999m	22.012	ng/ul	
90) Benzo(b)fluoranthene	24.266	252	569217m	22.057	ng/ul	
91) Benzo(k)fluoranthene	24.342	252	576029m	21.983	ng/ul	
93) Benzo(a)pyrene	25.235	252	543441m	22.107	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.418	276	629500m	22.231	ng/ul	
95) Dibenzo(a,h)anthracene	29.495	278	517662m	22.483	ng/ul	
96) Benzo(g,h,i)perylene	30.699	276	503097m	22.278	ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
SSTD020592

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/09/2023
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Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059390.D
Acq On : 9 Oct 2023 1:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Oct 09 02:20:14 2023
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