Quantitation Report (Qedit)

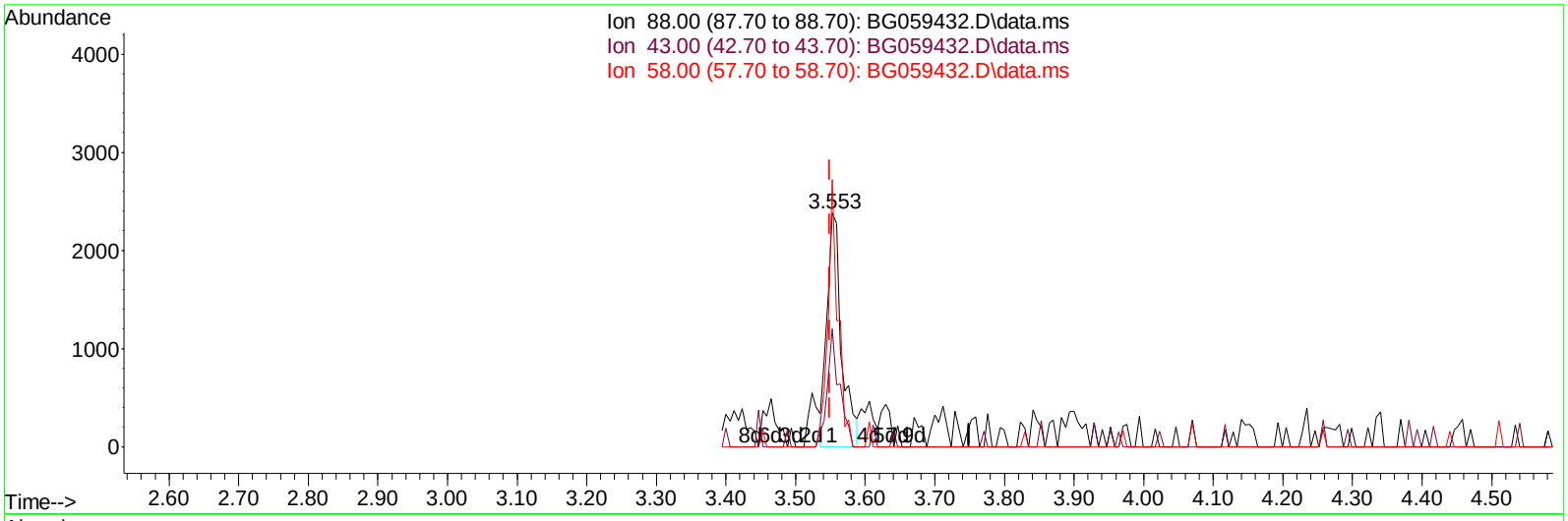
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059432.D
Acq On : 12 Oct 2023 12:17
Operator : MA/JU
Sample : SSTD00543
Misc :
ALS Vial : 2 Sample Multiplier: 1

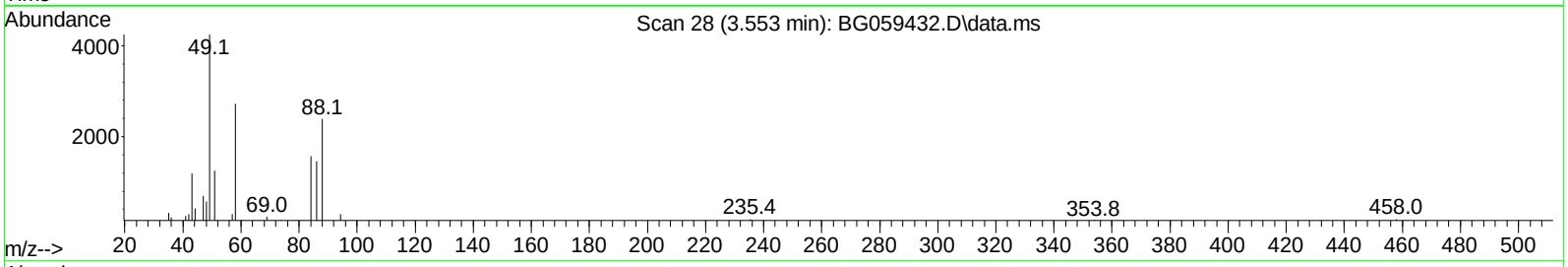
Quant Time: Oct 12 15:10:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 14:55:05 2023
Response via : Initial Calibration

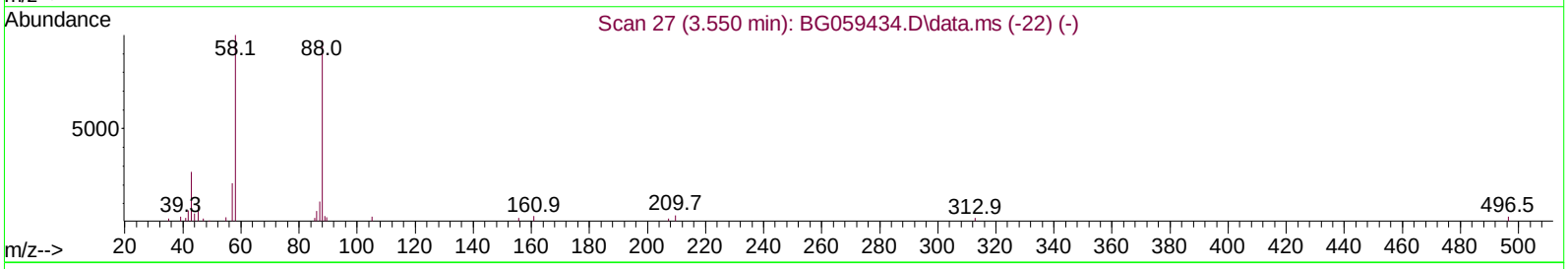
Instrument :
BNA_G
ClientSampleId :
SSTD005406

Manual IntegrationsAPPROVED

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







TIC: BG059432.D\data.ms

(2) 1,4-Dioxane

3.553min (+ 0.003) 3.23 ng/uL

response 3482

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	27.10	50.38#
58.00	100.90	114.09
0.00	0.00	0.00

Quantitation Report (Qedit)

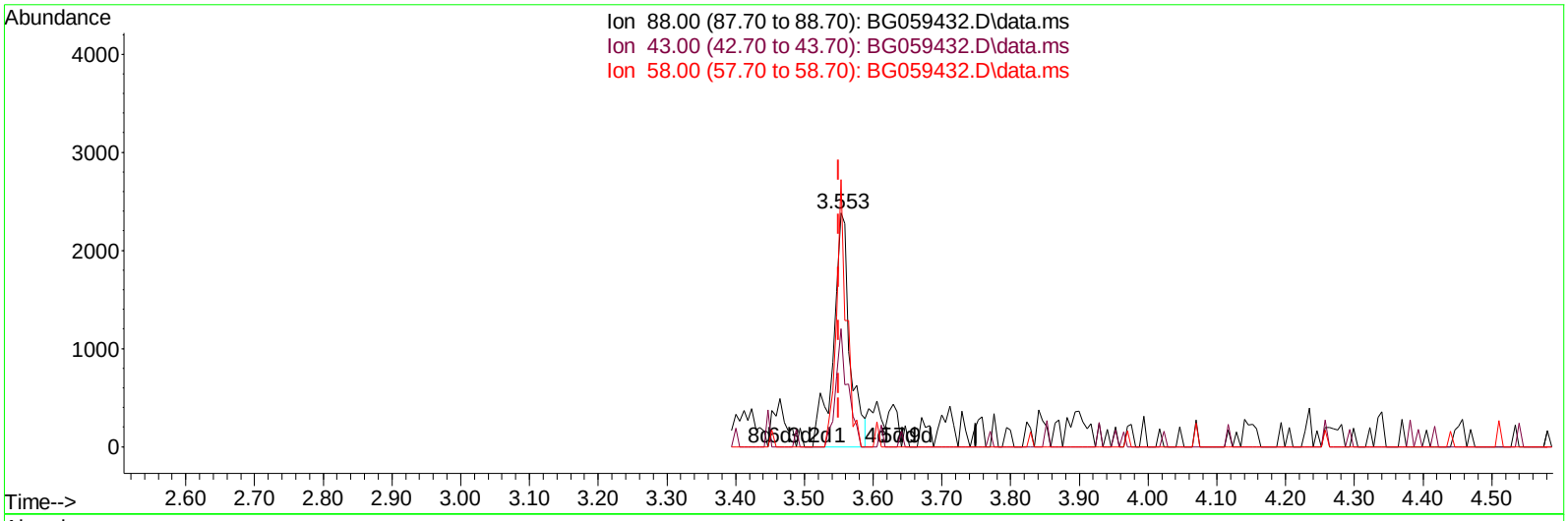
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059432.D
Acq On : 12 Oct 2023 12:17
Operator : MA/JU
Sample : SSTD00543
Misc :
ALS Vial : 2 Sample Multiplier: 1

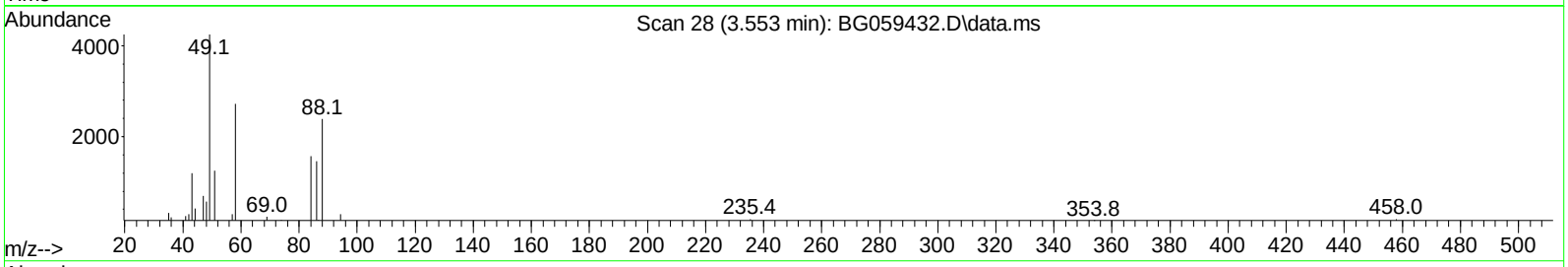
Quant Time: Oct 12 17:05:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 14:55:05 2023
Response via : Initial Calibration

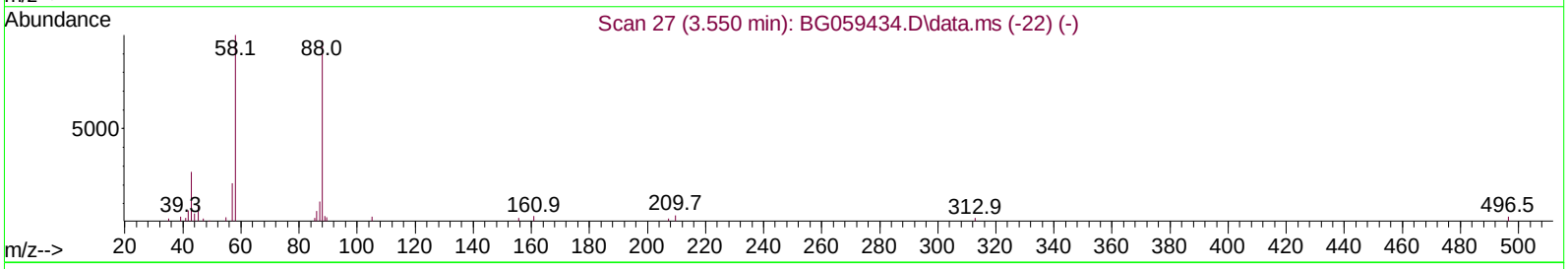
Instrument :
BNA_G
ClientSampleId :
SSTD005406

Manual IntegrationsAPPROVED

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







TIC: BG059432.D\data.ms

(2) 1,4-Dioxane

3.553min (+ 0.003) 3.75 ng/uL m

response 4036

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	27.10	50.38#
58.00	100.90	114.09
0.00	0.00	0.00

Quantitation Report (Qedit)

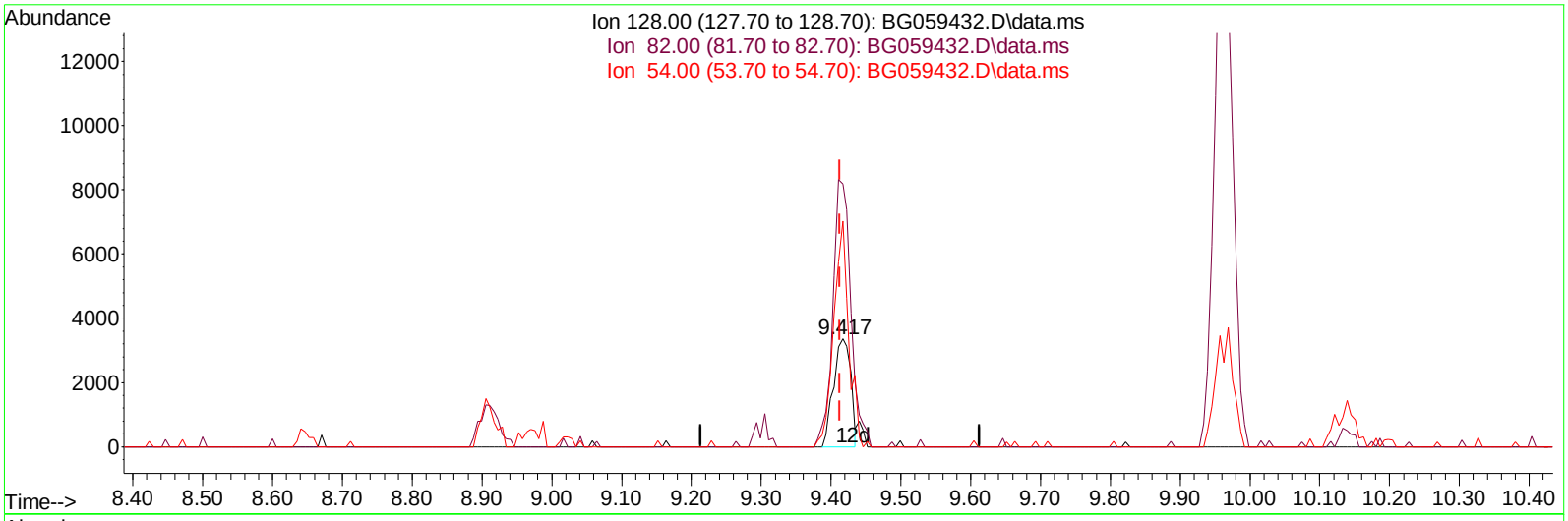
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059432.D
Acq On : 12 Oct 2023 12:17
Operator : MA/JU
Sample : SSTD00543
Misc :
ALS Vial : 2 Sample Multiplier: 1

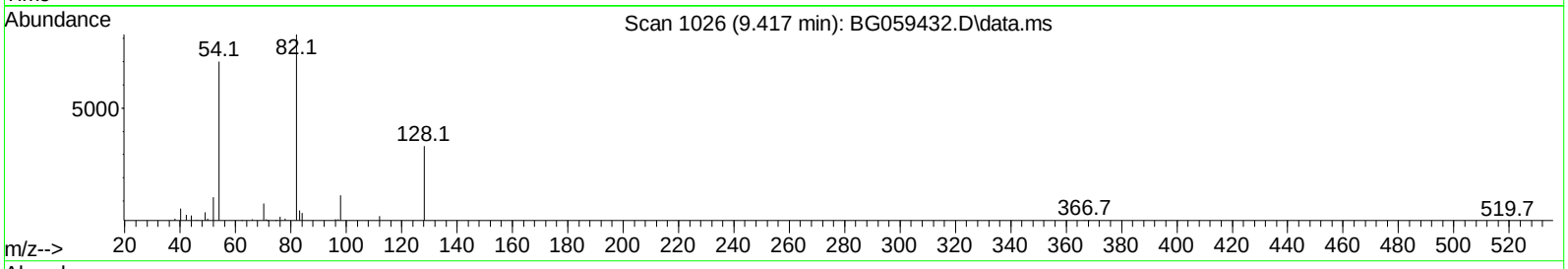
Quant Time: Oct 12 15:10:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 14:55:05 2023
Response via : Initial Calibration

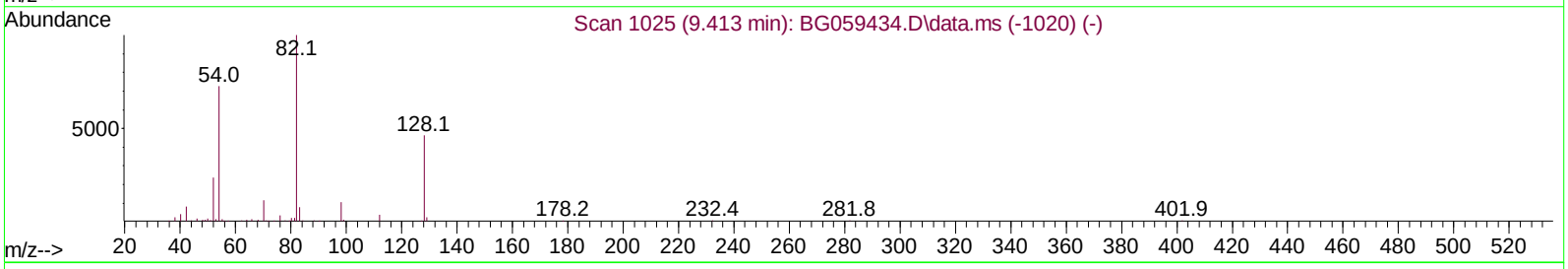
Instrument :
BNA_G
ClientSampleId :
SSTD005406

Manual IntegrationsAPPROVED

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







TIC: BG059432.D\data.ms

(21) Nitrobenzene-d5 (S)

9.417min (+ 0.003) 4.68 ng/ul

response 5722

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	218.70	242.80
54.00	159.60	208.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

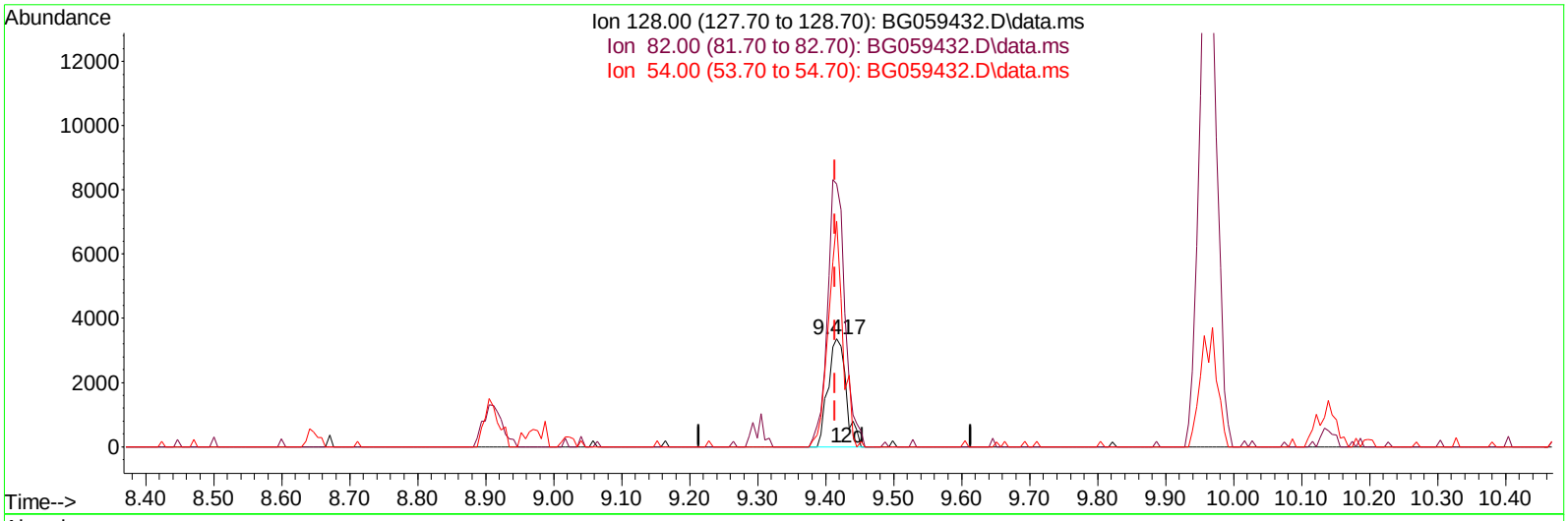
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059432.D
Acq On : 12 Oct 2023 12:17
Operator : MA/JU
Sample : SSTD00543
Misc :
ALS Vial : 2 Sample Multiplier: 1

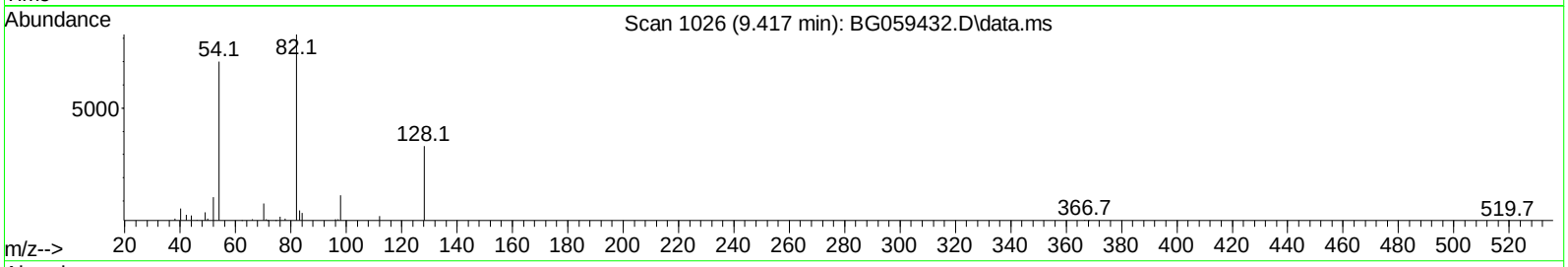
Quant Time: Oct 12 15:10:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 14:55:05 2023
Response via : Initial Calibration

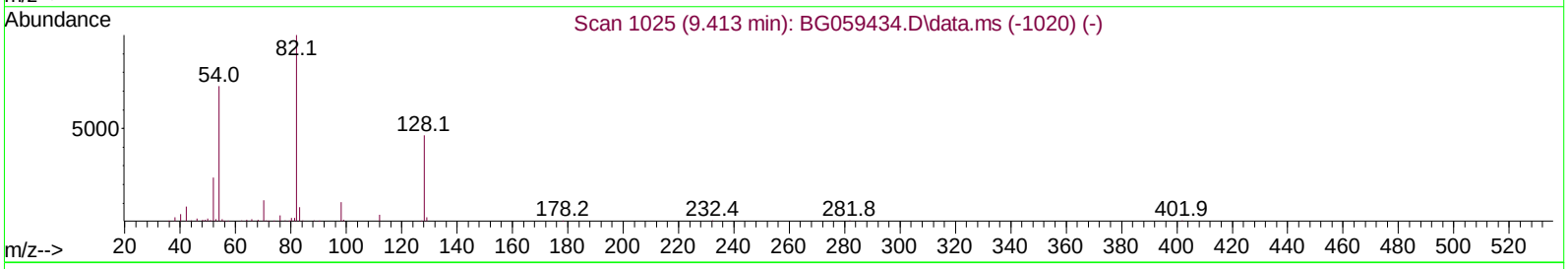
Instrument :
BNA_G
ClientSampleId :
SSTD005406

Manual IntegrationsAPPROVED

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







TIC: BG059432.D\data.ms

(21) Nitrobenzene-d5 (S)

9.417min (+ 0.003) 5.06 ng/ul m

response 6185

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	218.70	242.80
54.00	159.60	208.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

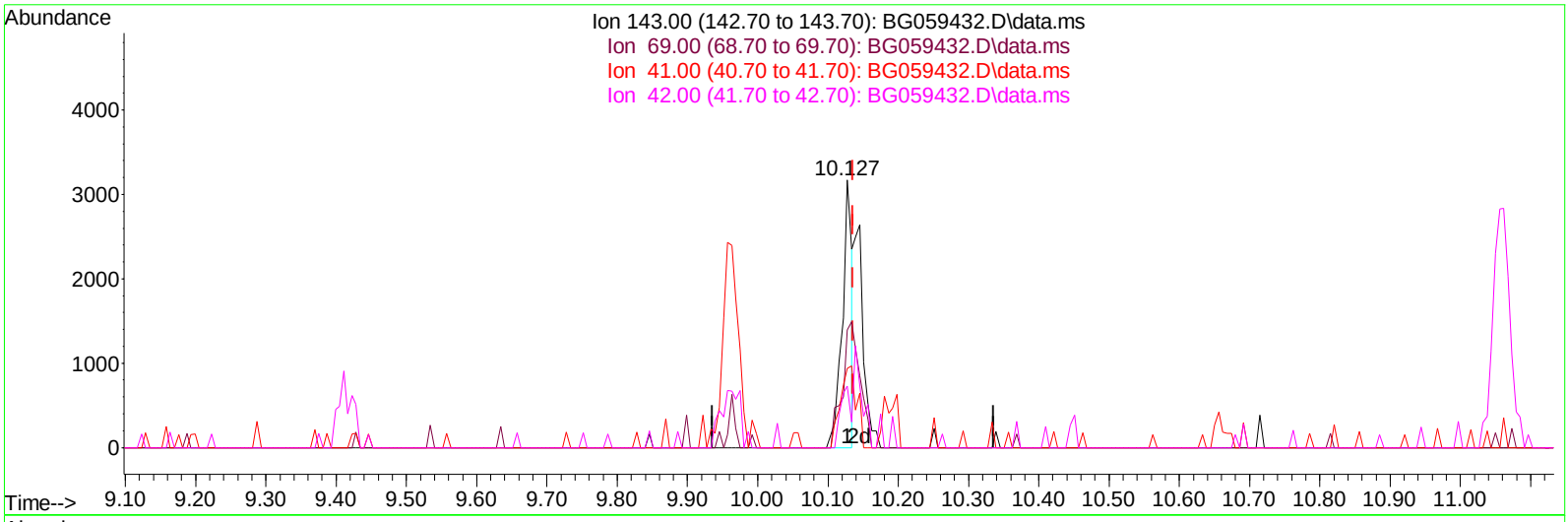
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059432.D
Acq On : 12 Oct 2023 12:17
Operator : MA/JU
Sample : SSTD00543
Misc :
ALS Vial : 2 Sample Multiplier: 1

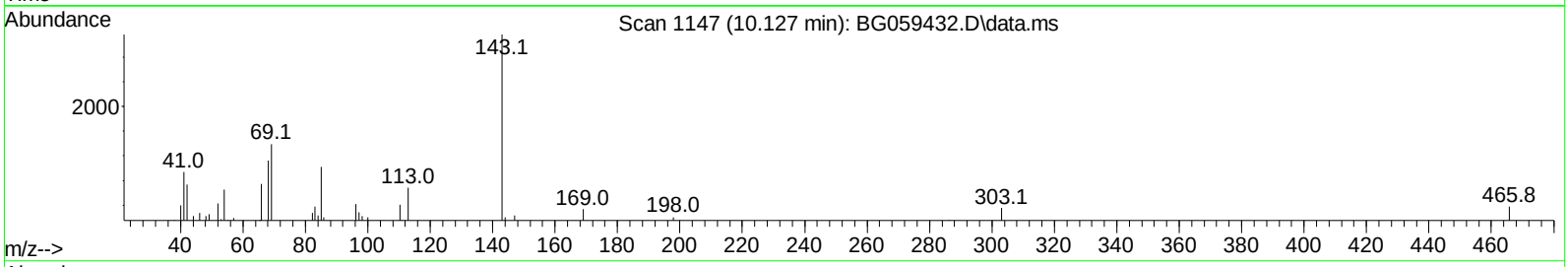
Quant Time: Oct 12 15:10:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 14:55:05 2023
Response via : Initial Calibration

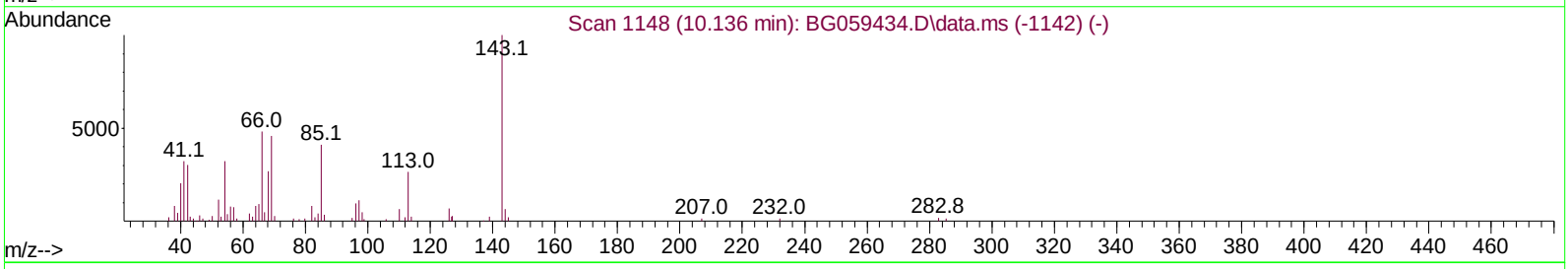
Instrument :
BNA_G
ClientSampleId :
SSTD005406

Manual IntegrationsAPPROVED

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







TIC: BG059432.D\data.ms

(24) 2-Nitrophenol-d4 (S)

10.127min (-0.009) 2.39 ng/ul

response 3004

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	45.70	43.89
41.00	32.20	29.57
42.00	30.10	23.07#

Quantitation Report (Qedit)

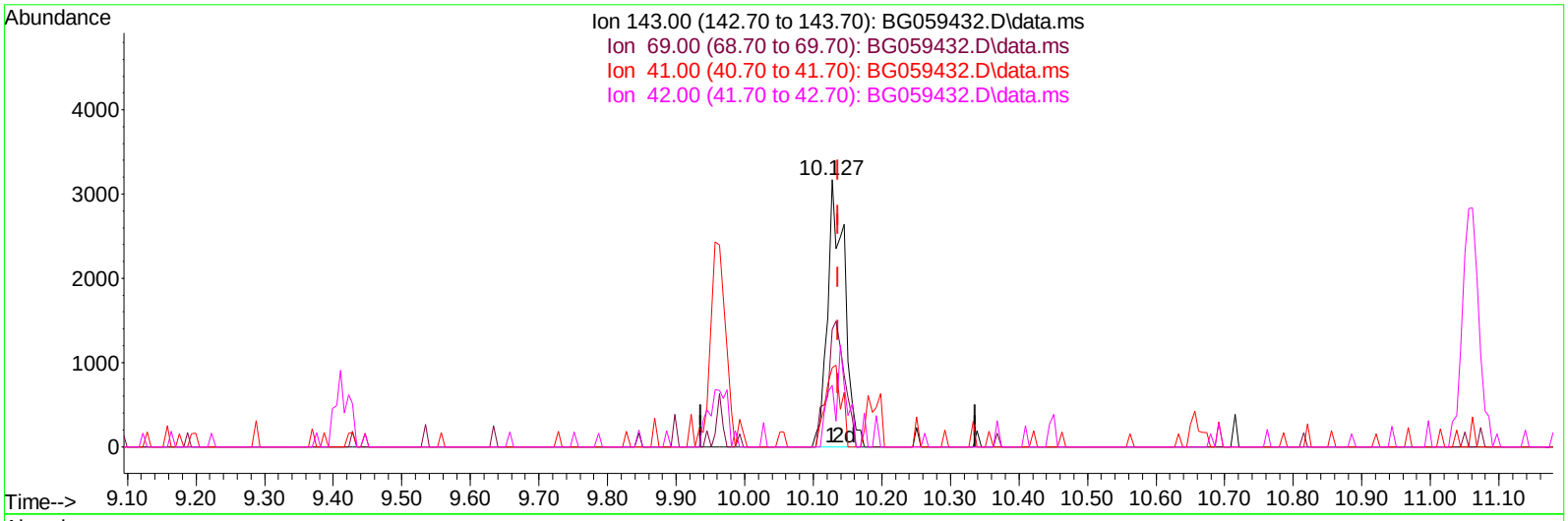
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059432.D
Acq On : 12 Oct 2023 12:17
Operator : MA/JU
Sample : SSTD00543
Misc :
ALS Vial : 2 Sample Multiplier: 1

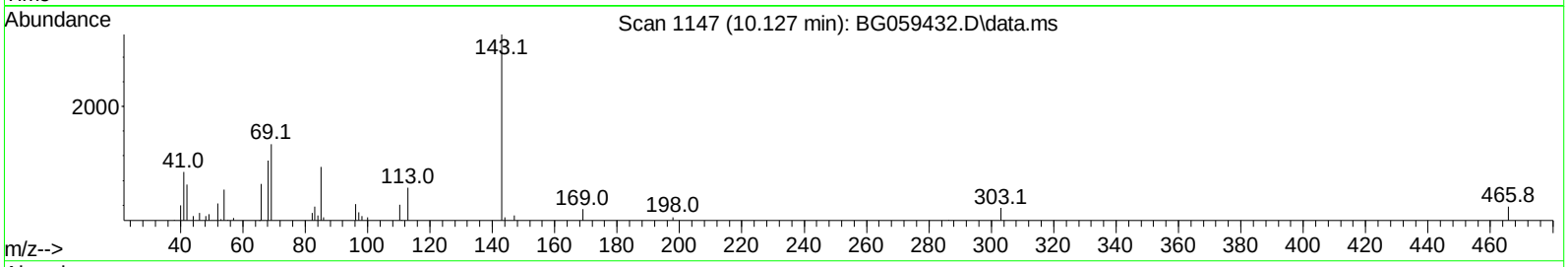
Quant Time: Oct 12 15:10:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 14:55:05 2023
Response via : Initial Calibration

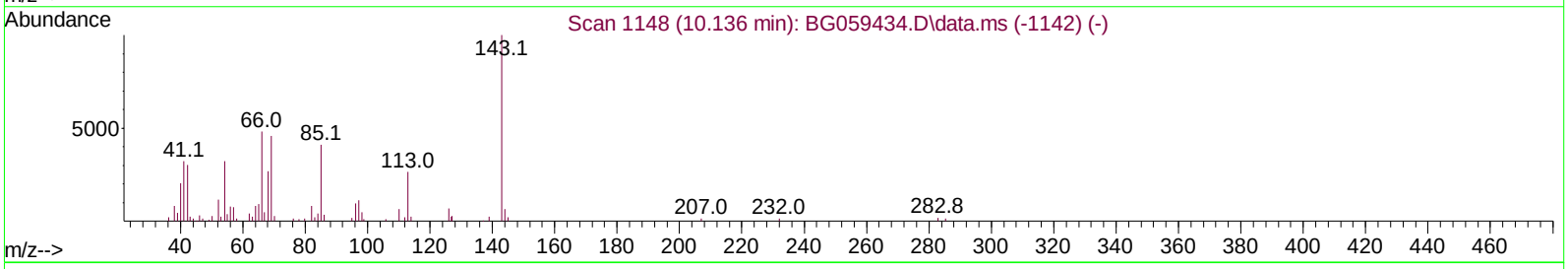
Instrument :
BNA_G
ClientSampleId :
SSTD005406

Manual IntegrationsAPPROVED

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







TIC: BG059432.D\data.ms

(24) 2-Nitrophenol-d4 (S)

10.127min (-0.009) 4.37 ng/ul m

response 5493

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	45.70	43.89
41.00	32.20	29.57
42.00	30.10	23.07#

Quantitation Report (Qedit)

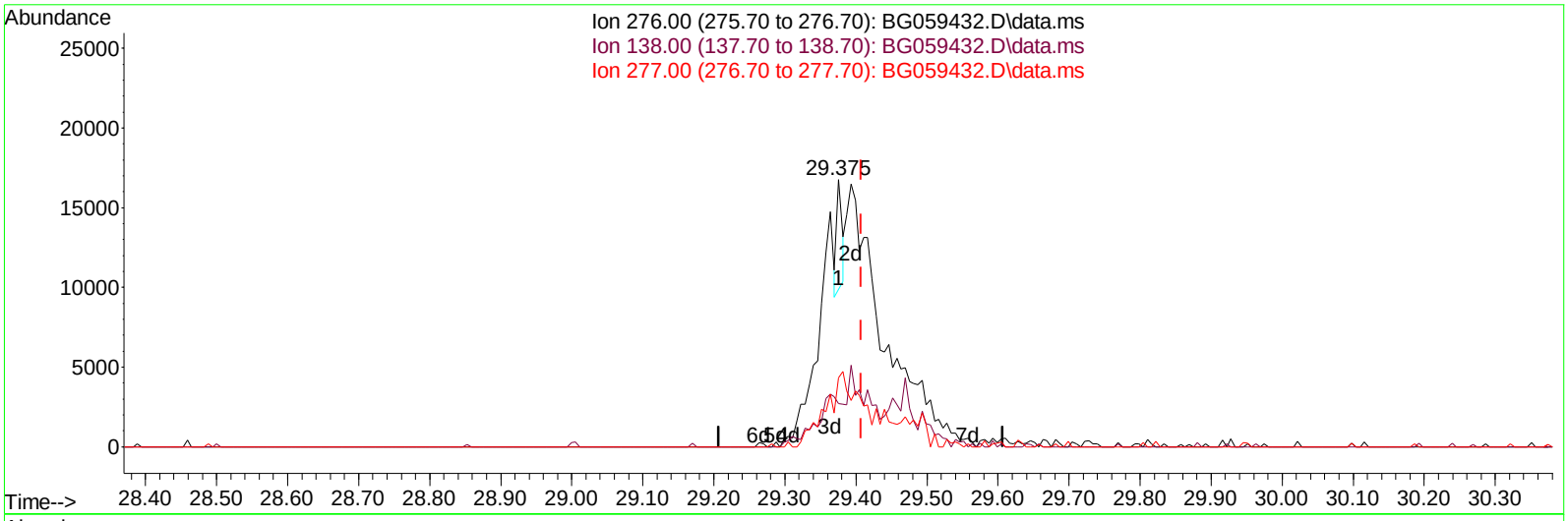
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059432.D
Acq On : 12 Oct 2023 12:17
Operator : MA/JU
Sample : SSTD00543
Misc :
ALS Vial : 2 Sample Multiplier: 1

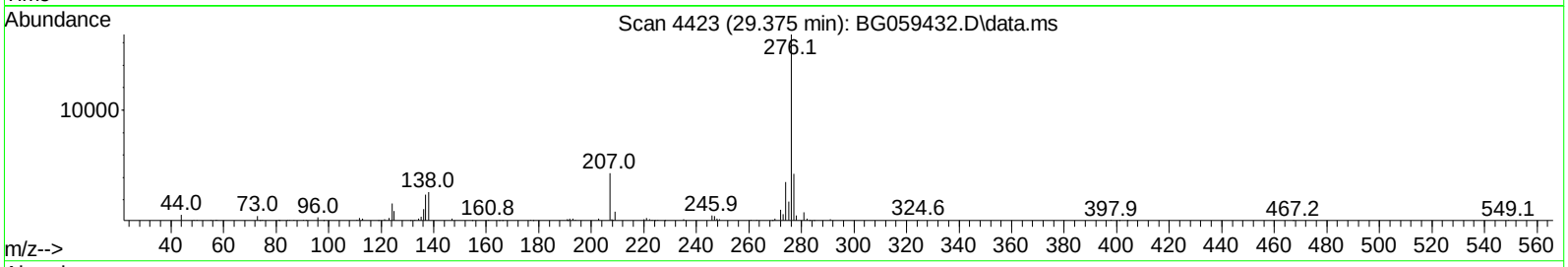
Quant Time: Oct 12 15:10:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 14:55:05 2023
Response via : Initial Calibration

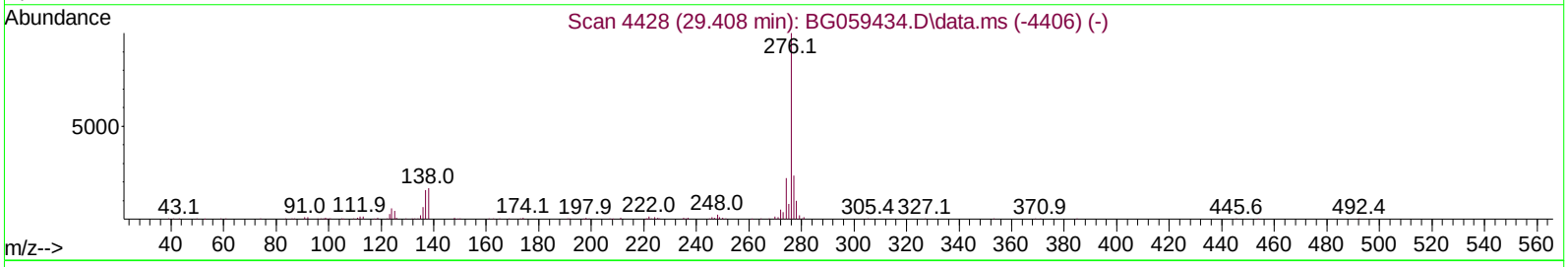
Instrument :
BNA_G
ClientSampleId :
SSTD005406

Manual IntegrationsAPPROVED

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







TIC: BG059432.D\data.ms

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

29.375min (-0.032) 0.20 ng/ul

response 3577

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.80	16.11
277.00	23.40	25.76
0.00	0.00	0.00

Quantitation Report (Qedit)

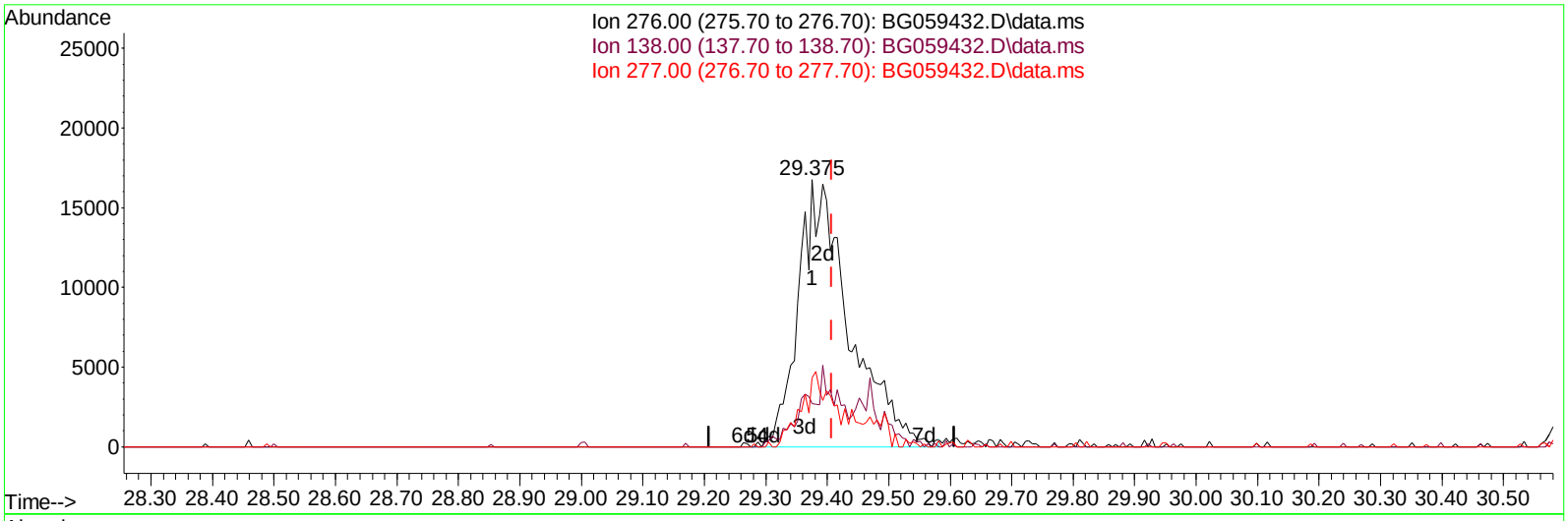
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059432.D
Acq On : 12 Oct 2023 12:17
Operator : MA/JU
Sample : SSTD00543
Misc :
ALS Vial : 2 Sample Multiplier: 1

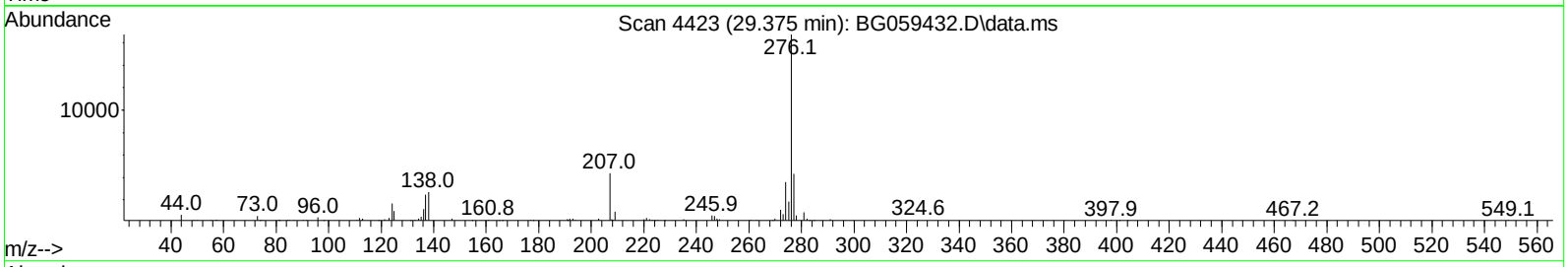
Quant Time: Oct 12 15:10:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 14:55:05 2023
Response via : Initial Calibration

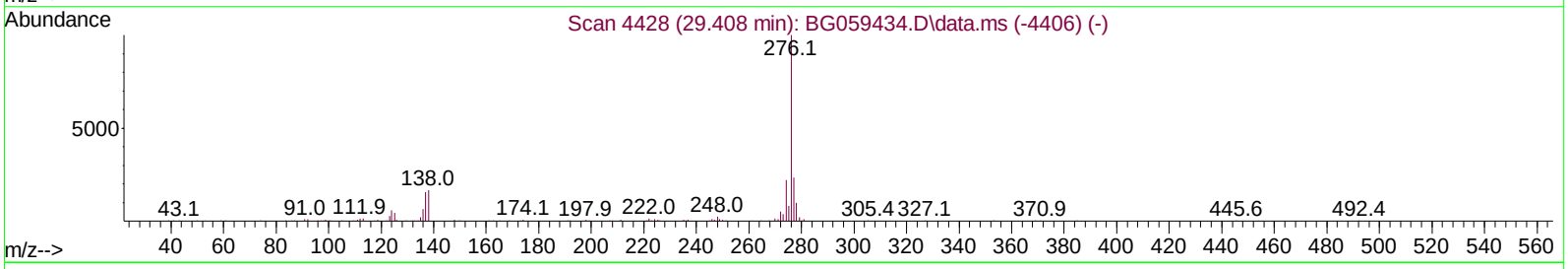
Instrument :
BNA_G
ClientSampleId :
SSTD005406

Manual IntegrationsAPPROVED

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







TIC: BG059432.D\data.ms

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

29.375min (-0.032) 5.52 ng/ul m

response 97098

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.80	16.11
277.00	23.40	25.76
0.00	0.00	0.00

Quantitation Report (Qedit)

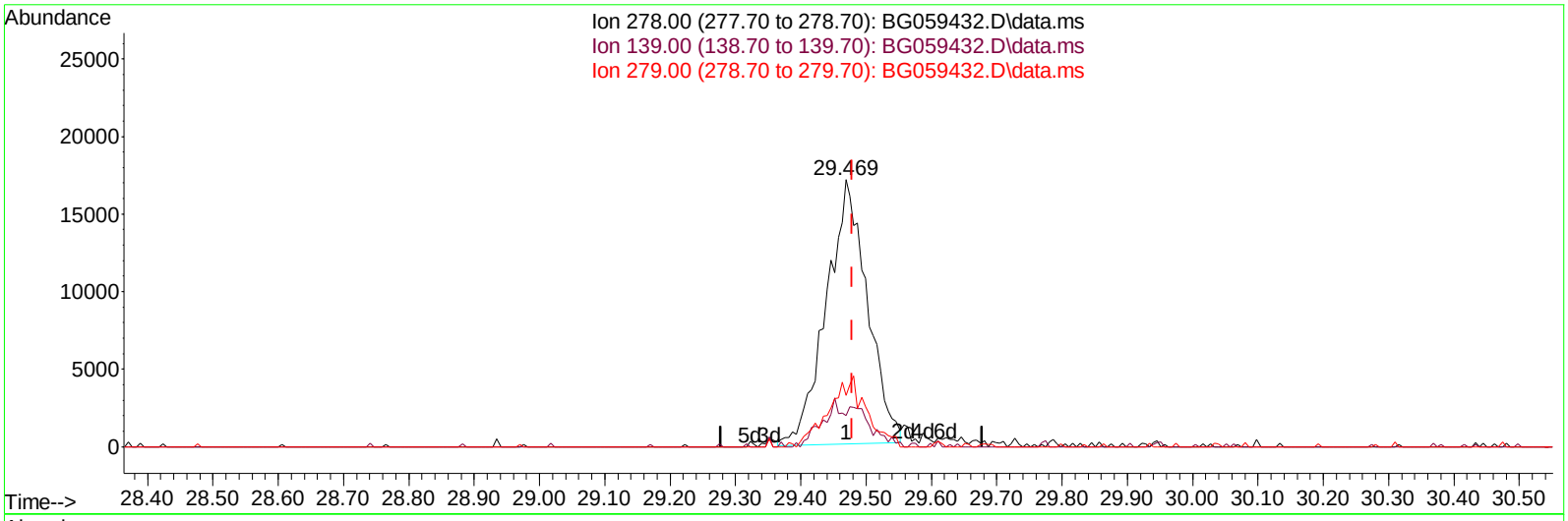
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059432.D
Acq On : 12 Oct 2023 12:17
Operator : MA/JU
Sample : SSTD00543
Misc :
ALS Vial : 2 Sample Multiplier: 1

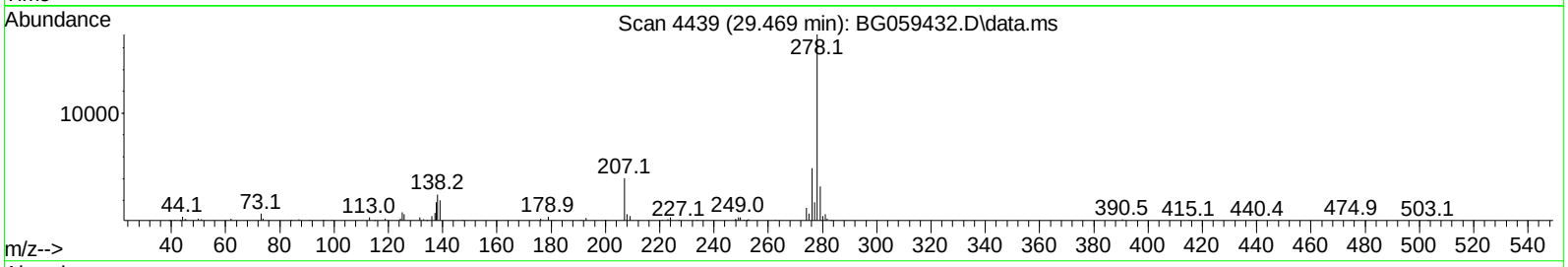
Quant Time: Oct 12 15:10:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 14:55:05 2023
Response via : Initial Calibration

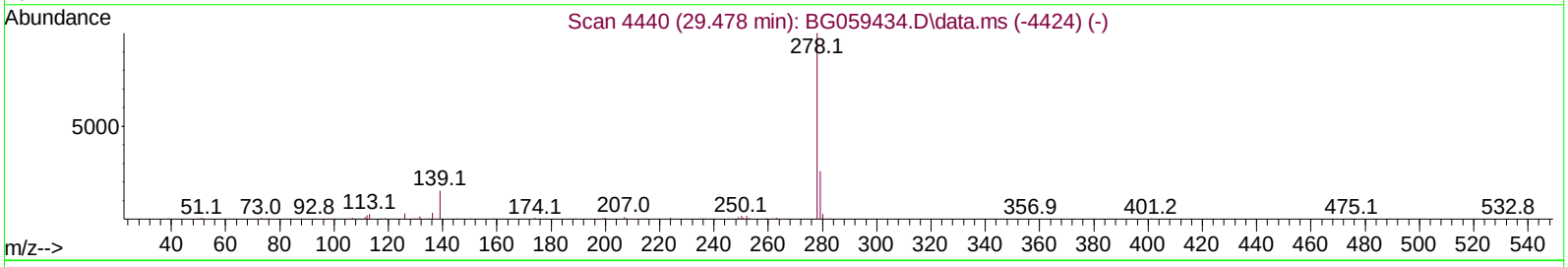
Instrument :
BNA_G
ClientSampleId :
SSTD005406

Manual IntegrationsAPPROVED

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







TIC: BG059432.D\data.ms

(95) Dibenzo(a,h)anthracene

29.469min (-0.009) 5.26 ng/ul

response 74299

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.10	11.60#
279.00	25.50	19.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

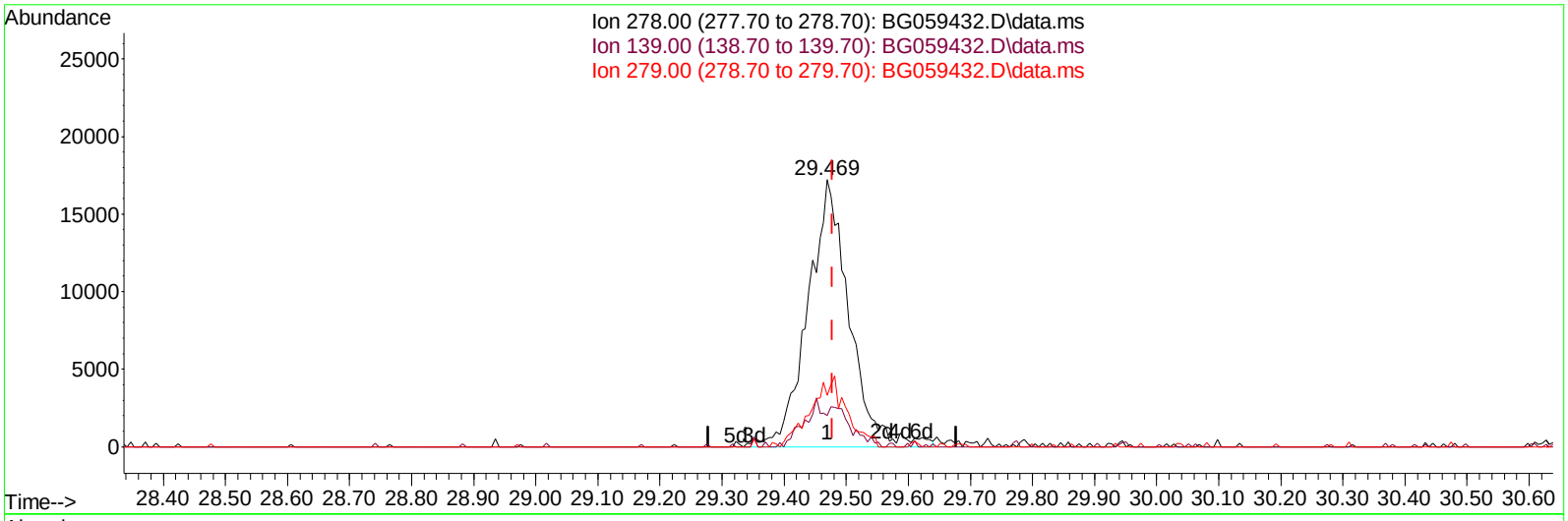
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059432.D
Acq On : 12 Oct 2023 12:17
Operator : MA/JU
Sample : SSTD00543
Misc :
ALS Vial : 2 Sample Multiplier: 1

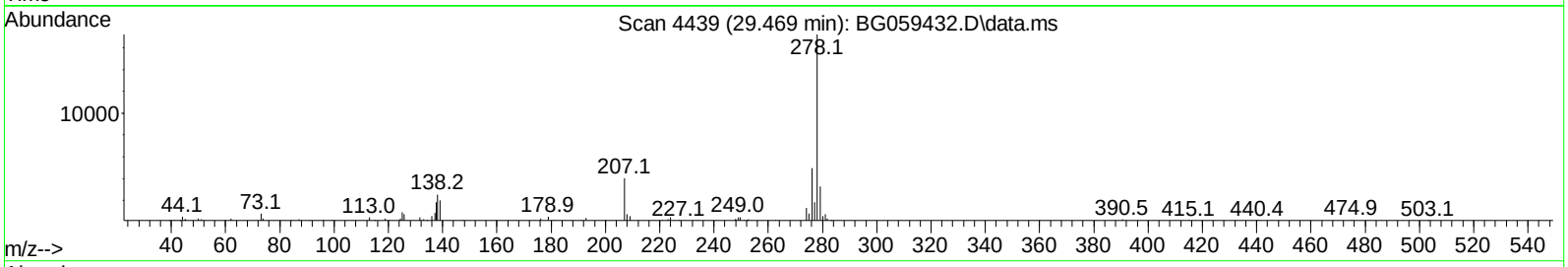
Quant Time: Oct 12 15:10:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 14:55:05 2023
Response via : Initial Calibration

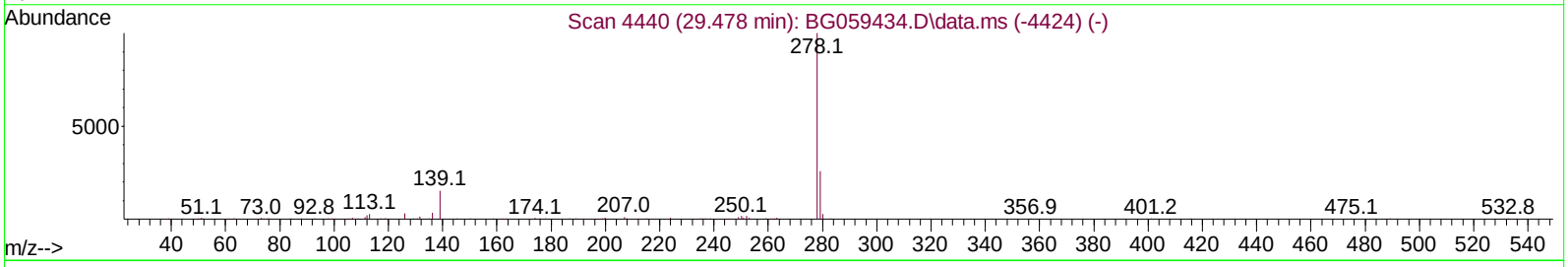
Instrument :
BNA_G
ClientSampleId :
SSTD005406

Manual IntegrationsAPPROVED

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







TIC: BG059432.D\data.ms

(95) Dibenzo(a,h)anthracene

29.469min (-0.009) 5.64 ng/ul m

response 79716

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.10	11.60#
279.00	25.50	19.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

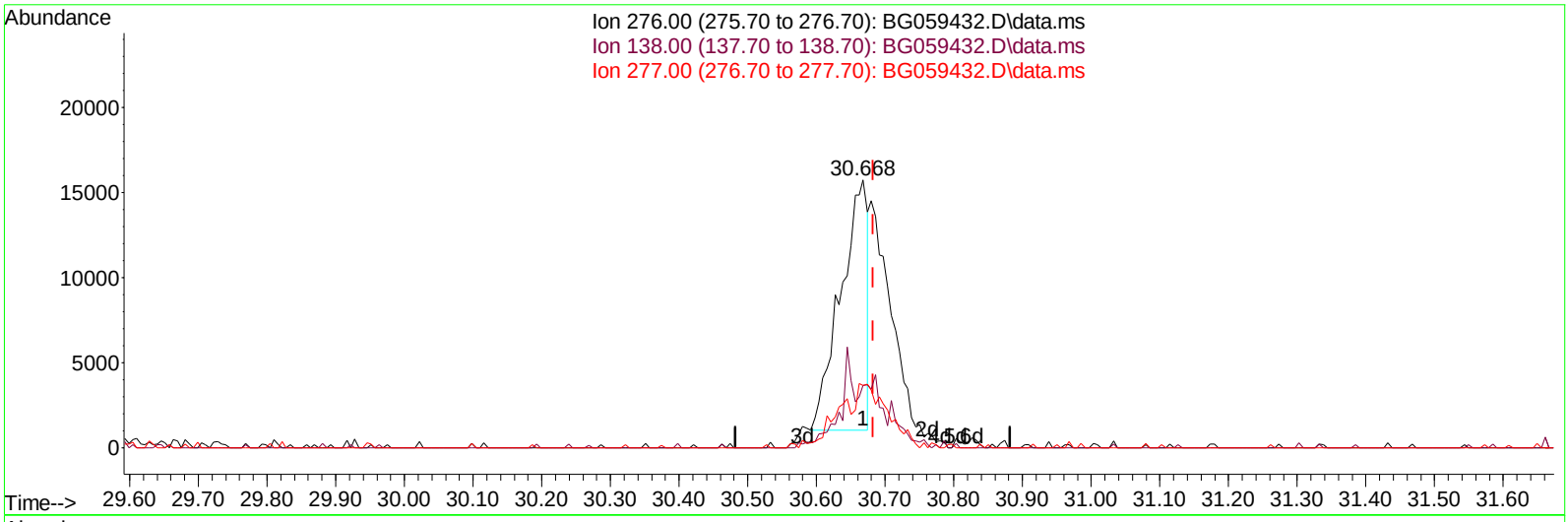
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059432.D
Acq On : 12 Oct 2023 12:17
Operator : MA/JU
Sample : SSTD00543
Misc :
ALS Vial : 2 Sample Multiplier: 1

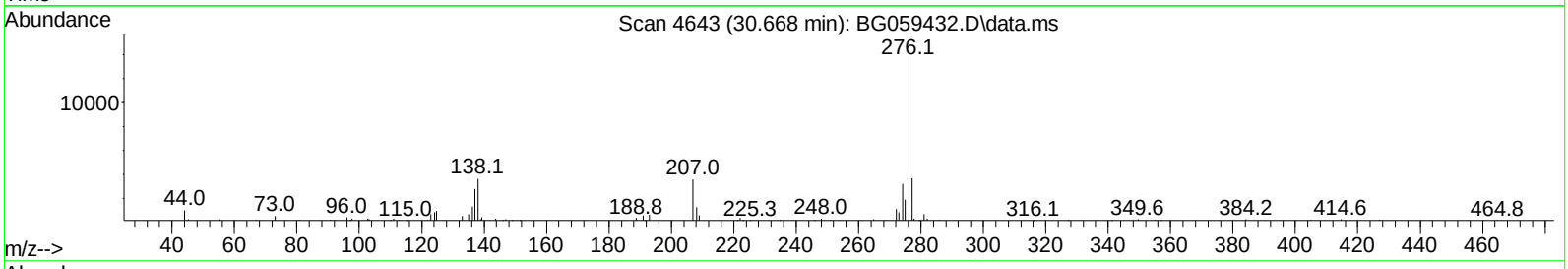
Quant Time: Oct 12 15:10:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 14:55:05 2023
Response via : Initial Calibration

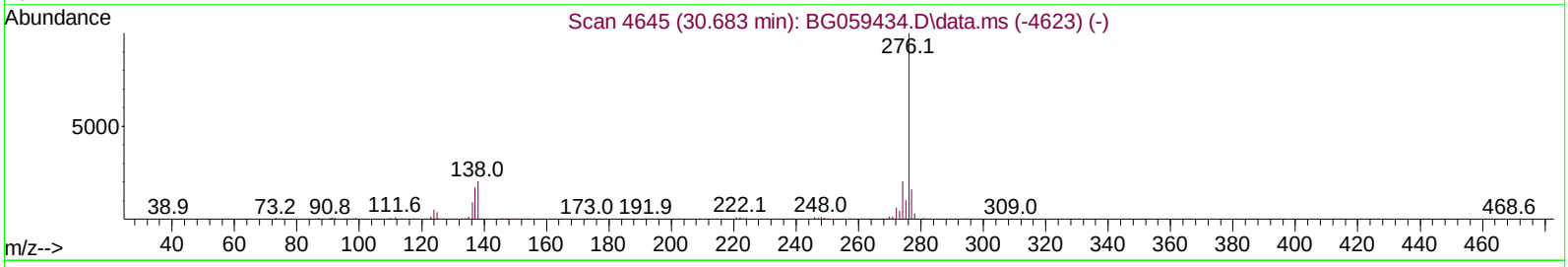
Instrument :
BNA_G
ClientSampleId :
SSTD005406

Manual IntegrationsAPPROVED

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







TIC: BG059432.D\data.ms

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

30.668min (-0.014) 2.82 ng/ul

response 39696

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.60	23.17
277.00	16.10	23.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

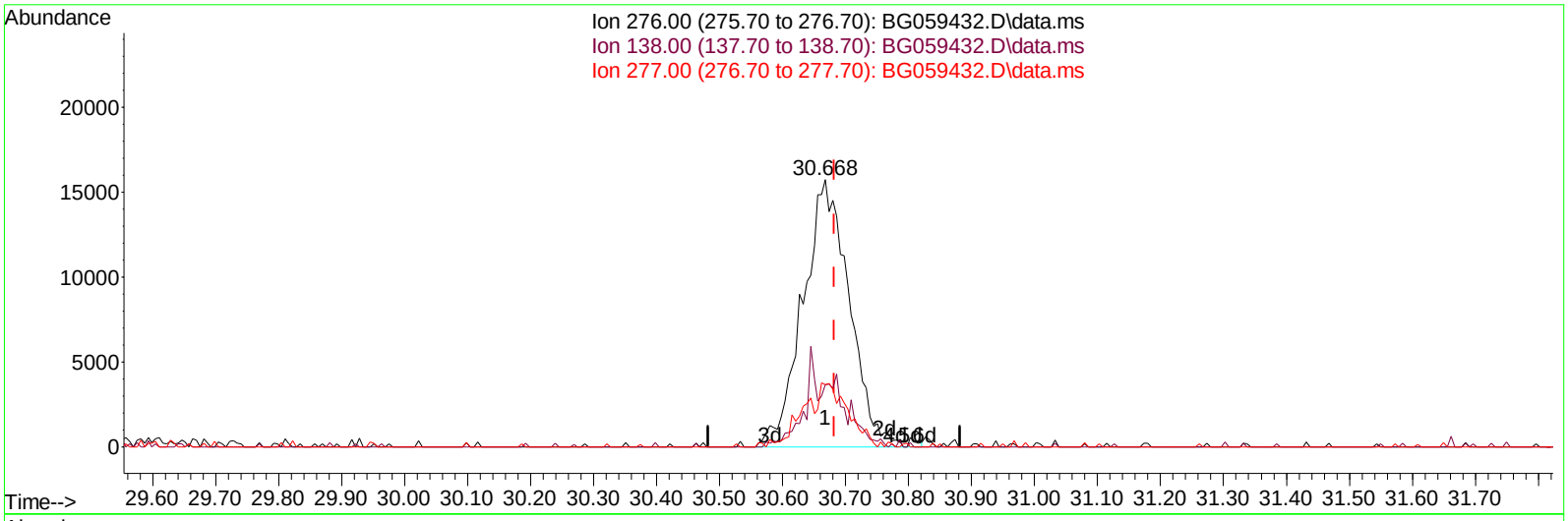
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059432.D
Acq On : 12 Oct 2023 12:17
Operator : MA/JU
Sample : SSTD00543
Misc :
ALS Vial : 2 Sample Multiplier: 1

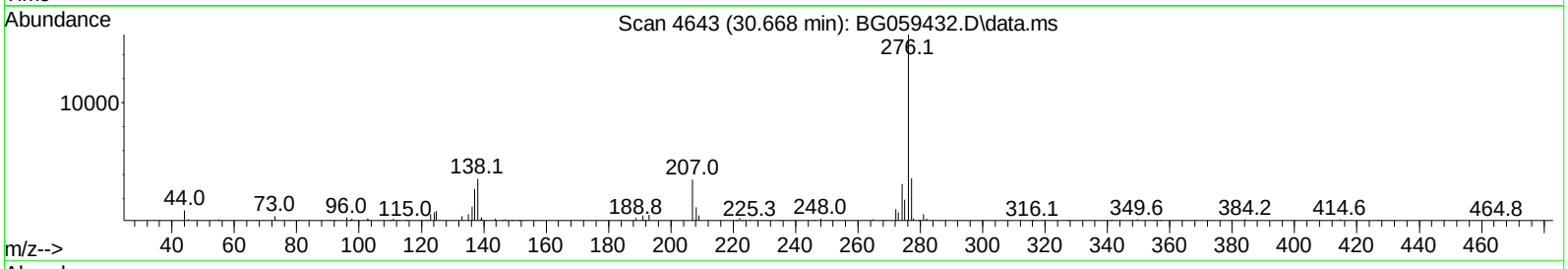
Quant Time: Oct 12 15:10:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 14:55:05 2023
Response via : Initial Calibration

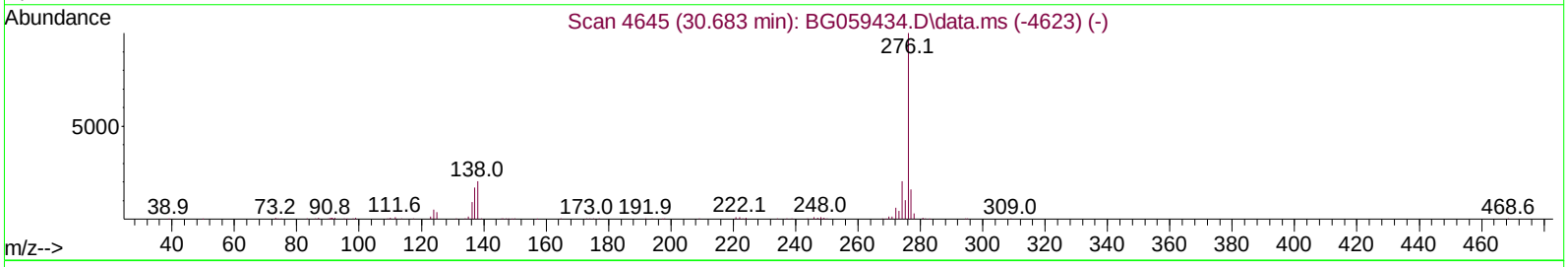
Instrument :
BNA_G
ClientSampleId :
SSTD005406

Manual IntegrationsAPPROVED

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







TIC: BG059432.D\data.ms

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

30.668min (-0.014) 5.72 ng/ul m

response 80438

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.60	23.17
277.00	16.10	23.34#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059432.D
Acq On : 12 Oct 2023 12:17
Operator : MA/JU
Sample : SSTD00543
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 12 17:05:51 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 :
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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	38197	20.000	ng/ul	0.00
20) Naphthalene-d8	11.056	136	170217	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.857	164	103615	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.607	188	251624	20.000	ng/ul	0.00
79) Chrysene-d12	21.908	240	250974	20.000	ng/ul	0.00
88) Perylene-d12	25.380	264	287886	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.518	96	2331	2.348	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.736	132	13449	5.390	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.417	128	6185m	5.056	ng/ul	0.00
24) 2-Nitrophenol-d4	10.127	143	5493m	4.368	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.662	165	11994	5.105	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.246	166	41180	5.682	ng/ul	0.00
49) Acenaphthylene-d8	14.558	160	49886	5.784	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.844	176	40770	5.965	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.701	188	56823	5.286	ng/ul	0.00
81) Pyrene-d10	19.981	212	69029	5.424	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.139	264	72574	5.647	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.553	88	4036m	3.749	ng/uL	
12) 2-Chlorophenol	7.766	128	14685	5.651	ng/ul	93
17) N-Nitroso-di-n-propyla...	9.023	70	9887	4.849	ng/ul#	86
19) Hexachloroethane	9.299	117	5239	5.501	ng/ul#	75
22) Nitrobenzene	9.458	77	14294	5.293	ng/ul	93
23) Isophorone	9.957	82	30976	5.396	ng/ul#	92
25) 2-Nitrophenol	10.169	139	6030	4.571	ng/ul#	88
26) 2,4-Dimethylphenol	10.198	107	14152	5.211	ng/ul#	91
27) Bis(2-Chloroethoxy)met...	10.445	93	20540	5.800	ng/ul#	97
29) 2,4-Dichlorophenol	10.697	162	12187	5.100	ng/ul	92
30) Naphthalene	11.109	128	50567	5.985	ng/ul	97
33) Hexachlorobutadiene	11.338	225	8664	5.851	ng/ul#	75
35) 4-Chloro-3-methylphenol	12.313	107	12376	4.954	ng/ul	96
36) 2-Methylnaphthalene	12.695	142	30234	5.398	ng/ul	83
37) 1-Methylnaphthalene	12.912	142	33095	5.777	ng/ul#	88
39) 1,2,4,5-Tetrachloroben...	13.042	216	16441	6.136	ng/ul	95
41) 2,4,6-Trichlorophenol	13.288	196	8904	5.044	ng/ul#	92
42) 2,4,5-Trichlorophenol	13.359	196	9720	5.065	ng/ul	95
43) 1,1'-Biphenyl	13.688	154	47271	6.366	ng/ul#	89
44) 2-Chloronaphthalene	13.741	162	36318	6.472	ng/ul#	86
45) 2-Nitroaniline	13.964	65	7844	4.559	ng/ul#	73
47) Dimethylphthalate	14.299	163	42122	5.751	ng/ul#	91
48) 2,6-Dinitrotoluene	14.440	165	6873	4.909	ng/ul	94

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 10/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.587	152	52475	5.664	ng/ul#	90
52) Acenaphthene	14.922	153	37572	5.965	ng/ul	88
56) Dibenzofuran	15.251	168	50387	5.814	ng/ul	89
57) 2,4-Dinitrotoluene	15.221	165	9259	4.518	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.462	232	8529	4.834	ng/ul#	93
59) Diethylphthalate	15.639	149	40902	5.678	ng/ul#	93
61) Fluorene	15.897	166	41738	5.683	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.885	204	22210	6.177	ng/ul	94
67) N-Nitrosodiphenylamine	16.103	169	32407	5.295	ng/ul	94
68) 4-Bromophenyl-phenylether	16.784	248	12306	5.308	ng/ul	95
69) Hexachlorobenzene	16.872	284	14577	5.491	ng/ul	97
72) Phenanthrene	17.648	178	73468	5.664	ng/ul#	95
74) Anthracene	17.736	178	70698	5.374	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.653	216	17165	5.974	ng/uL	92
76) Pentachlorobenzene	15.145	250	15792	5.372	ng/uL#	88
78) Di-n-butylphthalate	18.518	149	69400	5.363	ng/ul	98
80) Fluoranthene	19.646	202	83109	5.263	ng/ul	99
82) Pyrene	20.010	202	92619	5.566	ng/ul	98
83) Butylbenzylphthalate	20.862	149	28609	4.862	ng/ul	100
85) Benzo(a)anthracene	21.884	228	93373	5.668	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.714	149	40364	4.626	ng/ul	98
87) Chrysene	21.955	228	93537	6.089	ng/ul	97
90) Benzo(b)fluoranthene	24.264	252	91924	5.704	ng/ul	95
91) Benzo(k)fluoranthene	24.328	252	94305	5.716	ng/ul	99
93) Benzo(a)pyrene	25.216	252	88520	5.788	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	29.375	276	97098m	5.521	ng/ul	
95) Dibenzo(a,h)anthracene	29.469	278	79716m	5.639	ng/ul	
96) Benzo(g,h,i)perylene	30.668	276	80438m	5.717	ng/ul	

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

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Quant Title : SVOA CALIBRATION
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