Quantitation Report (Qedit)

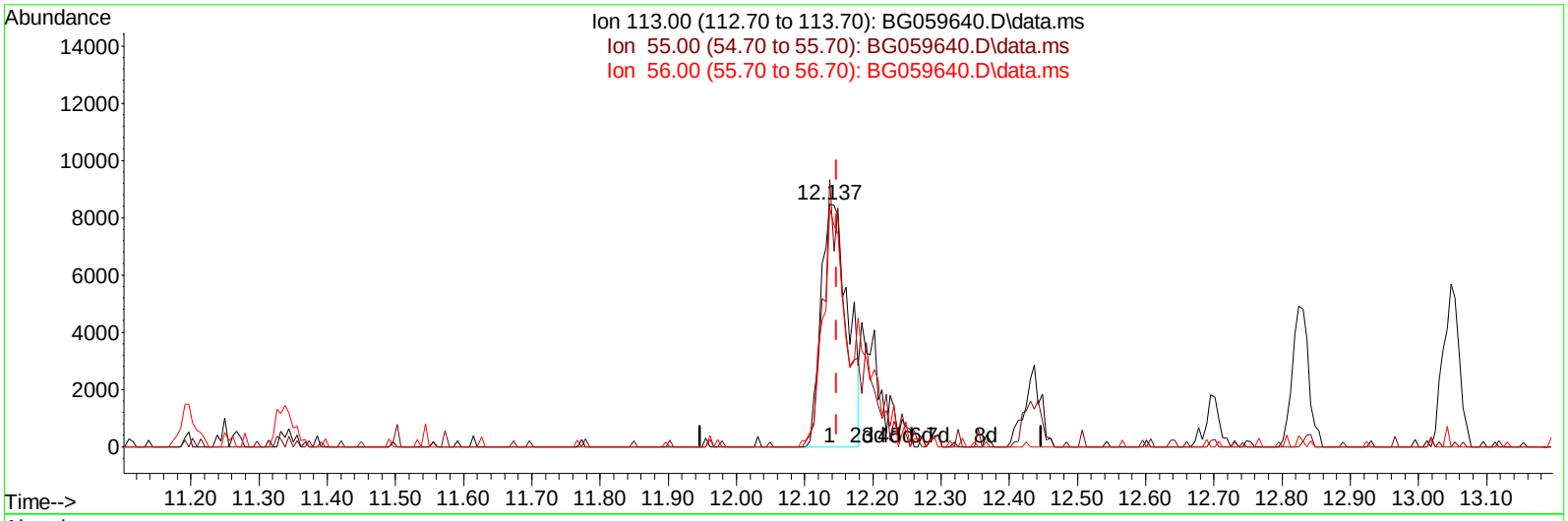
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059640.D
Acq On : 5 Nov 2023 3:29
Operator : MA/JU
Sample : PB156655BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

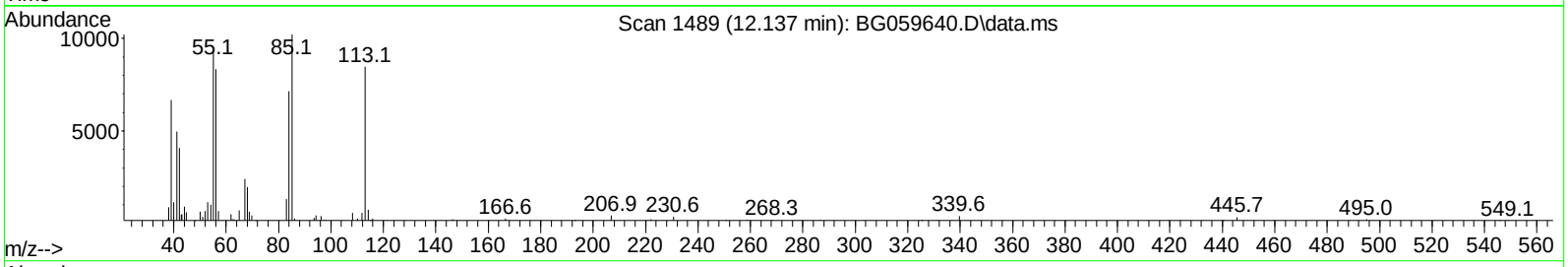
Quant Time: Nov 05 23:57:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

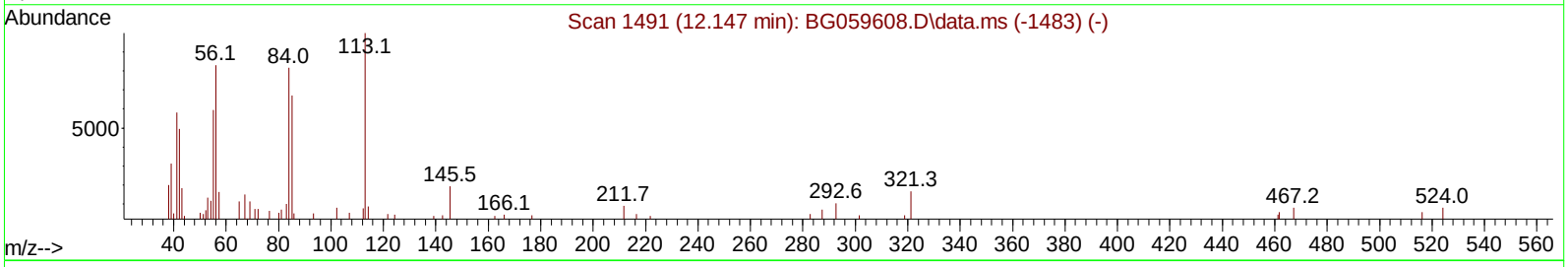
Instrument :
BNA_G
ClientSampleId :
SLCS655

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/08/2023







TIC: BG059640.D\data.ms

(34) Caprolactam

12.137min (-0.010) 30.94 ng/ul

response 23059

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	59.30	110.09#
56.00	83.20	98.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059640.D
Acq On : 5 Nov 2023 3:29
Operator : MA/JU
Sample : PB156655BS
Misc :
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Quant Time: Nov 05 23:57:24 2023
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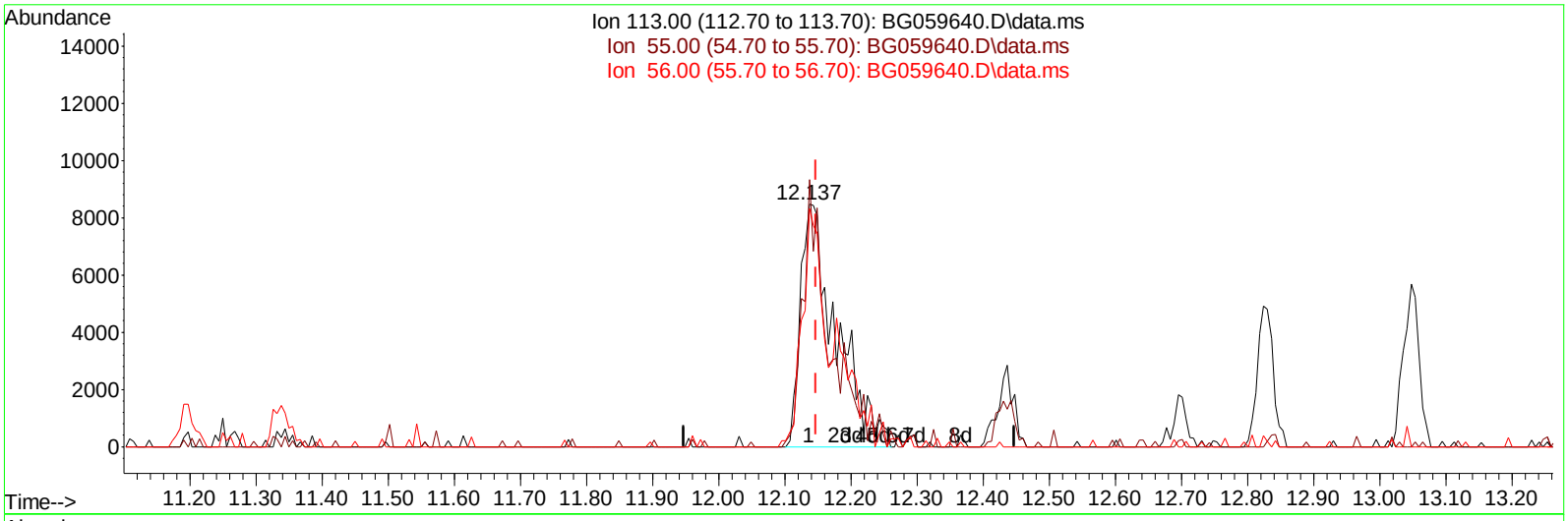

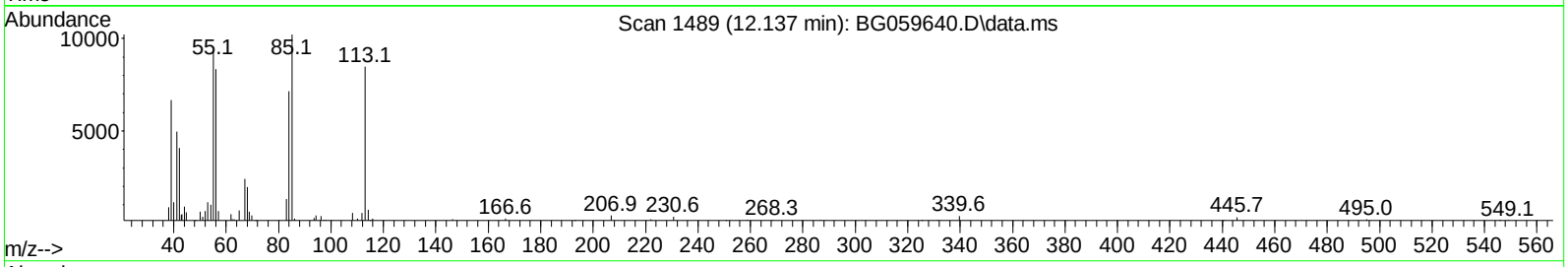

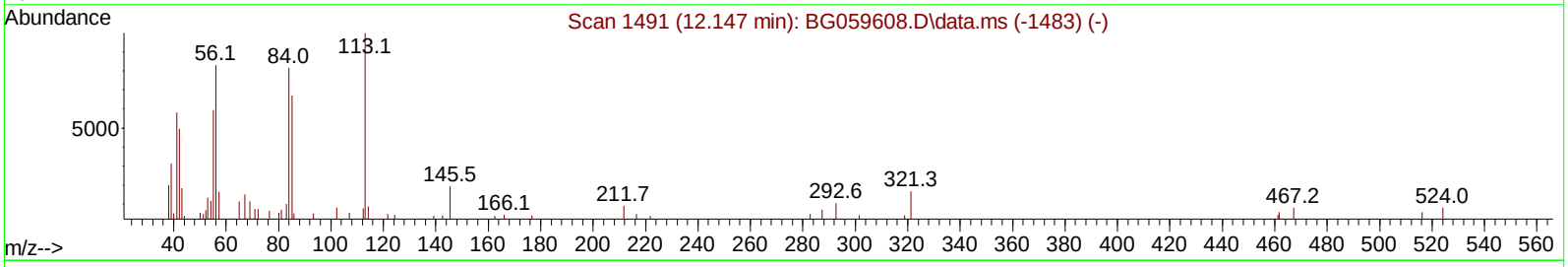

TIC: BG059640.D\data.ms

(34) Caprolactam

12.137min (-0.010) 42.70 ng/ul m

response 31818

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	59.30	110.09#
56.00	83.20	98.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059640.D
Acq On : 5 Nov 2023 3:29
Operator : MA/JU
Sample : PB156655BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 06 01:18:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS655

Manual IntegrationsAPPROVED

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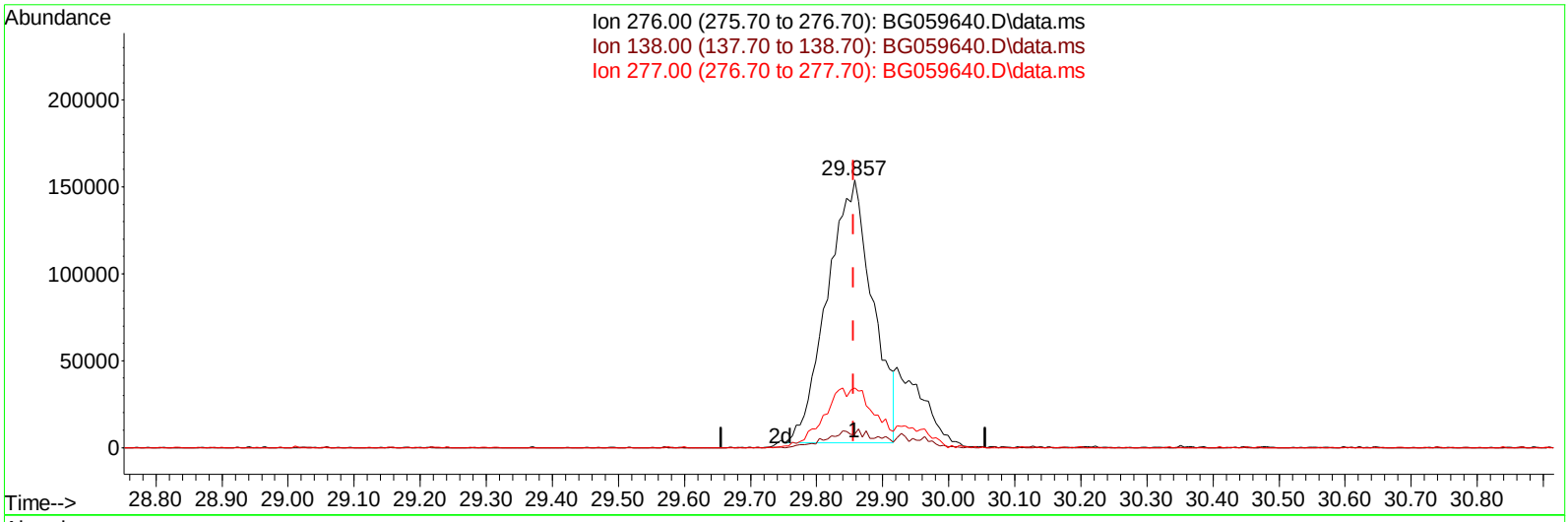

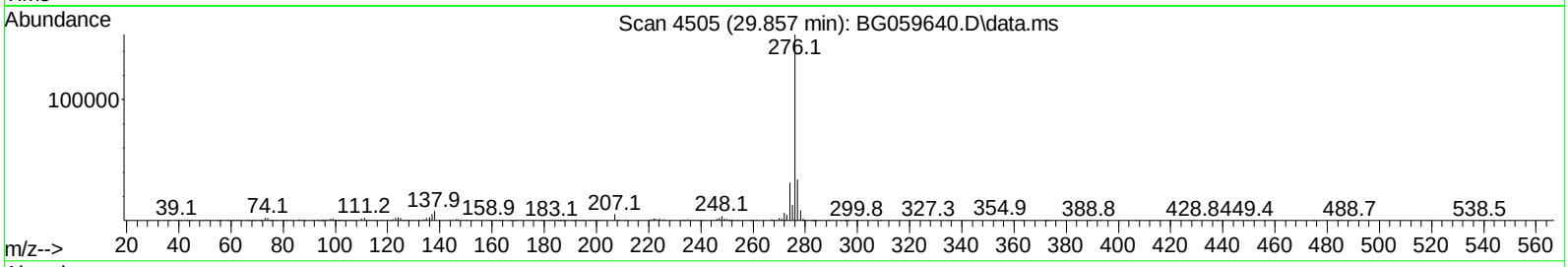

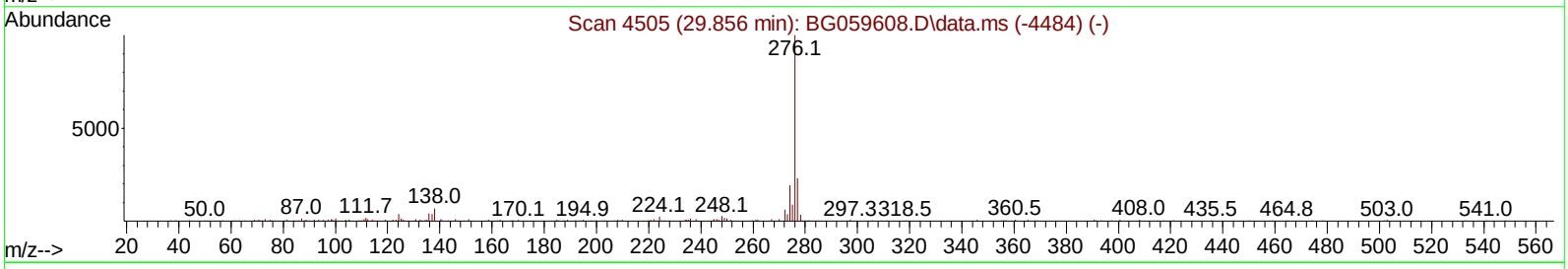

TIC: BG059640.D\data.ms

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

29.857min (+ 0.001) 30.61 ng/ul

response 720761

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.80	5.03#
277.00	23.10	22.28
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059640.D
Acq On : 5 Nov 2023 3:29
Operator : MA/JU
Sample : PB156655BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 06 01:18:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS655

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
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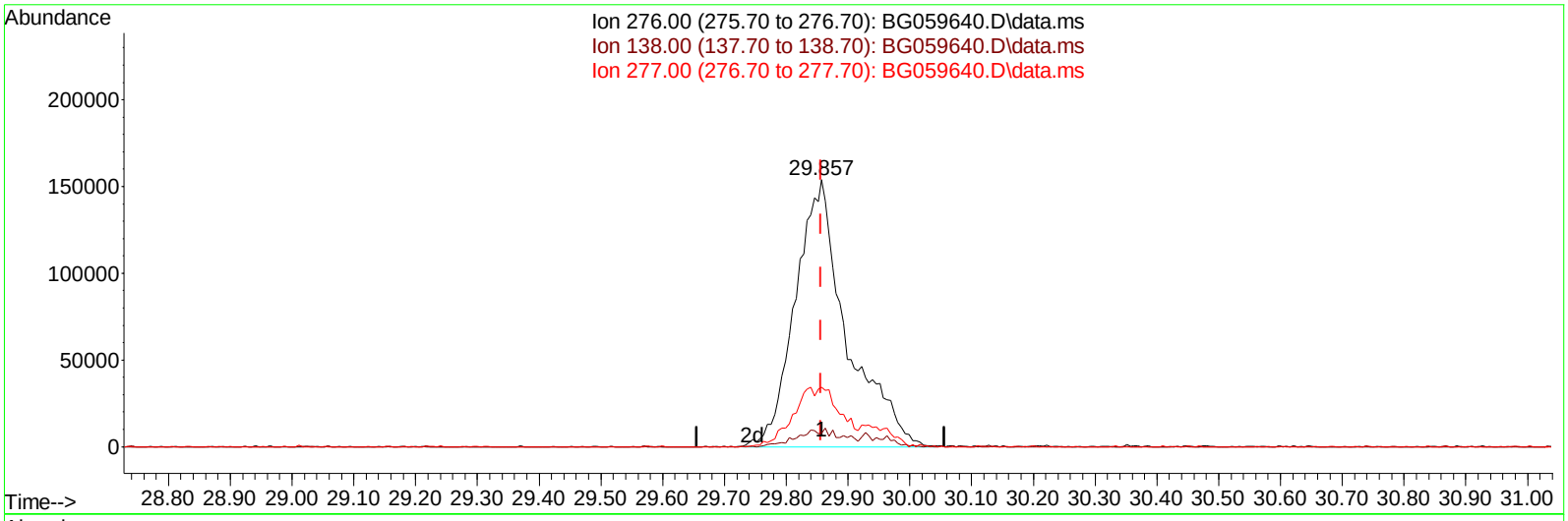

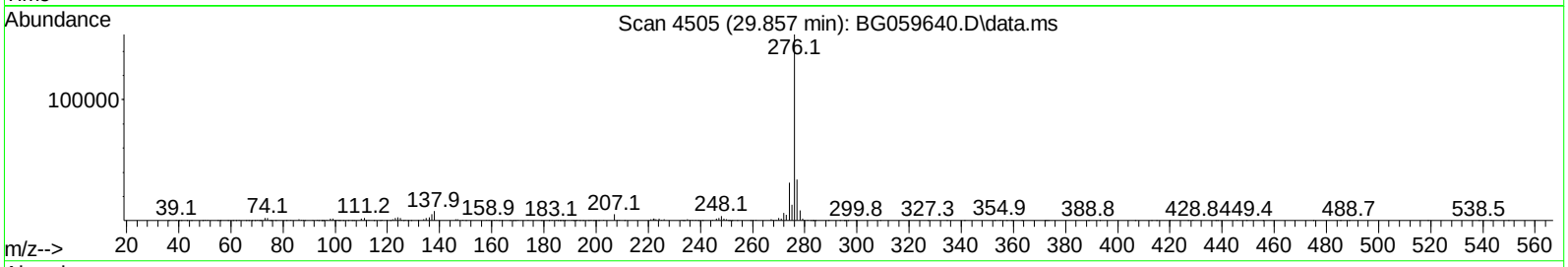

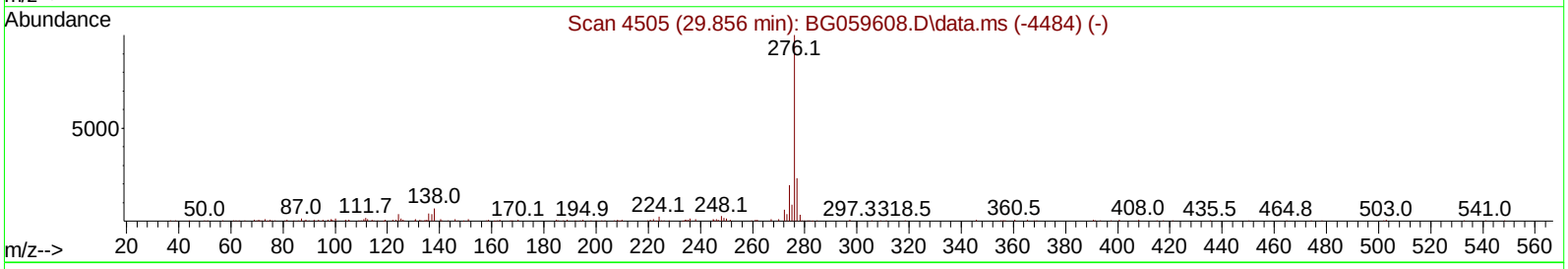

TIC: BG059640.D\data.ms

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

29.857min (+ 0.001) 37.76 ng/ul m

response 889025

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.80	5.03#
277.00	23.10	22.28
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059640.D
Acq On : 5 Nov 2023 3:29
Operator : MA/JU
Sample : PB156655BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 06 01:18:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS655

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
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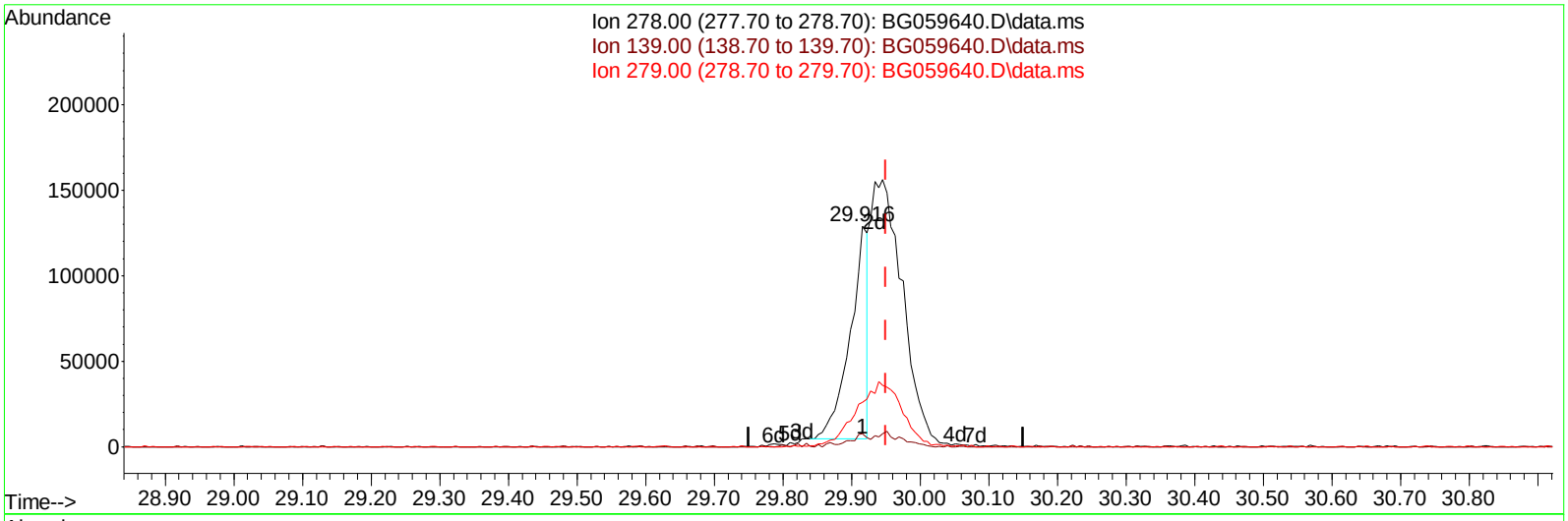
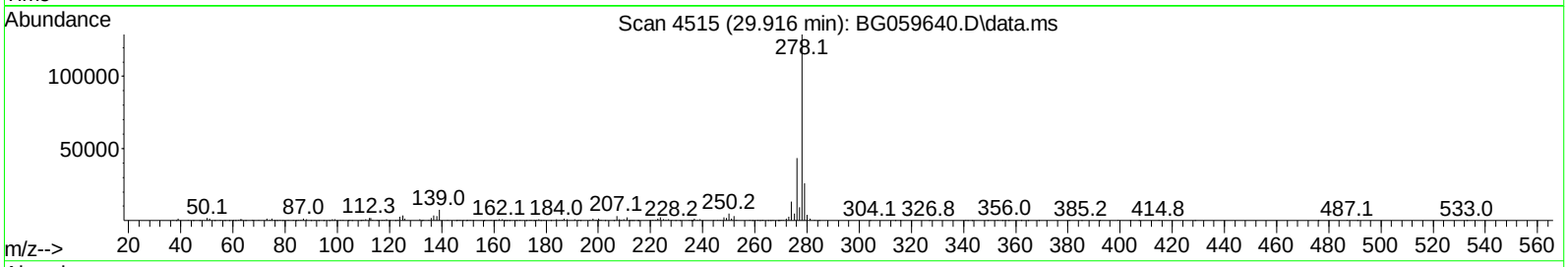
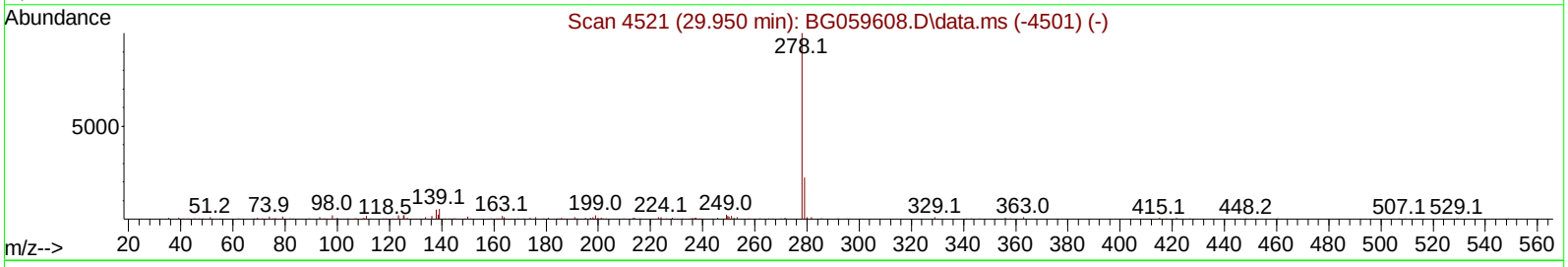






TIC: BG059640.D\data.ms

(95) Dibenzo(a,h)anthracene

29.916min (-0.034) 11.39 ng/ul

response 222442

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	5.40	5.79
279.00	22.30	20.09
0.00	0.00	0.00

Quantitation Report (Qedit)

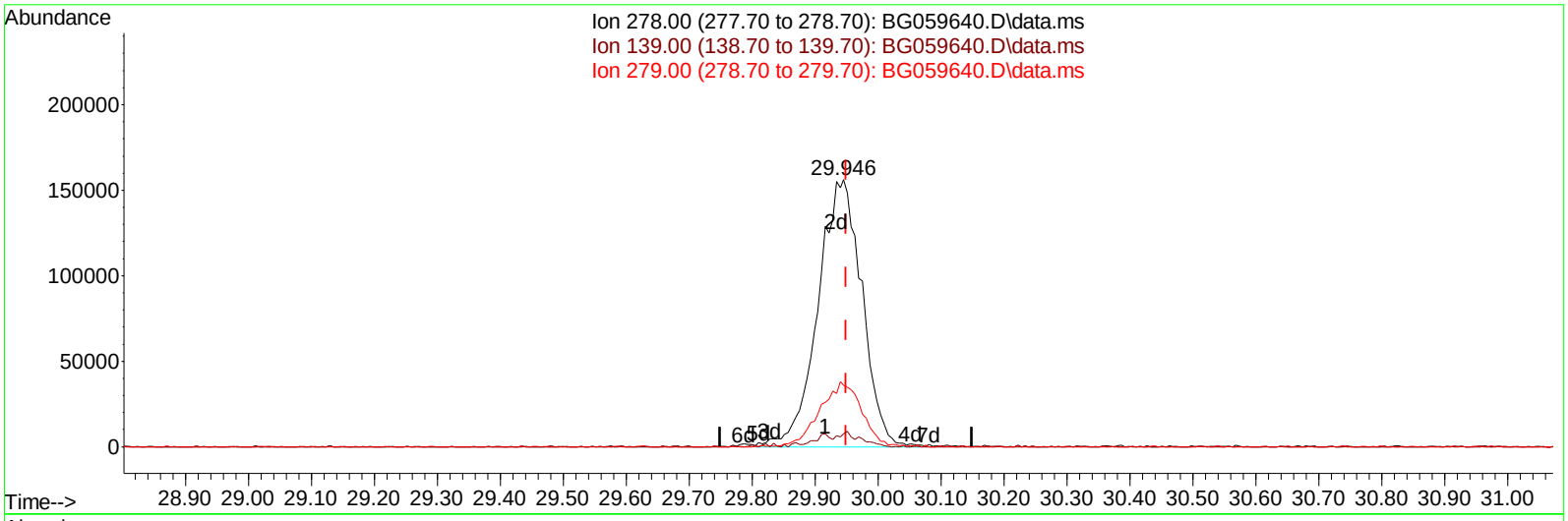
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059640.D
Acq On : 5 Nov 2023 3:29
Operator : MA/JU
Sample : PB156655BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

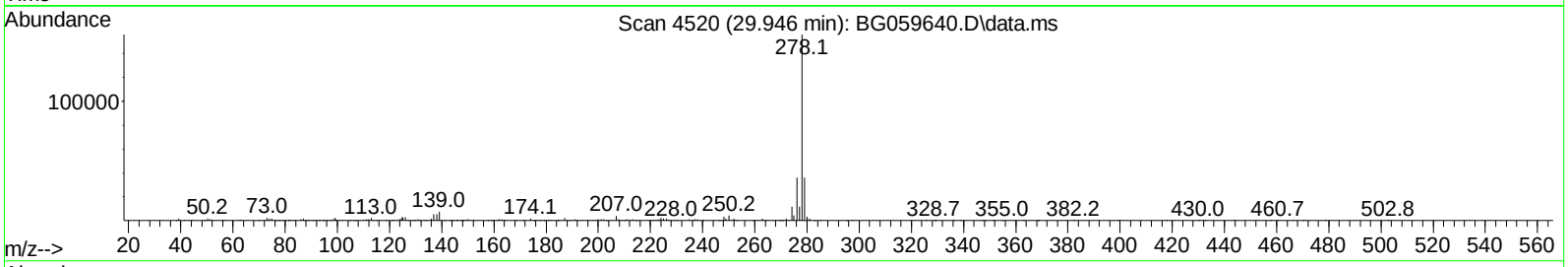
Quant Time: Nov 06 01:18:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

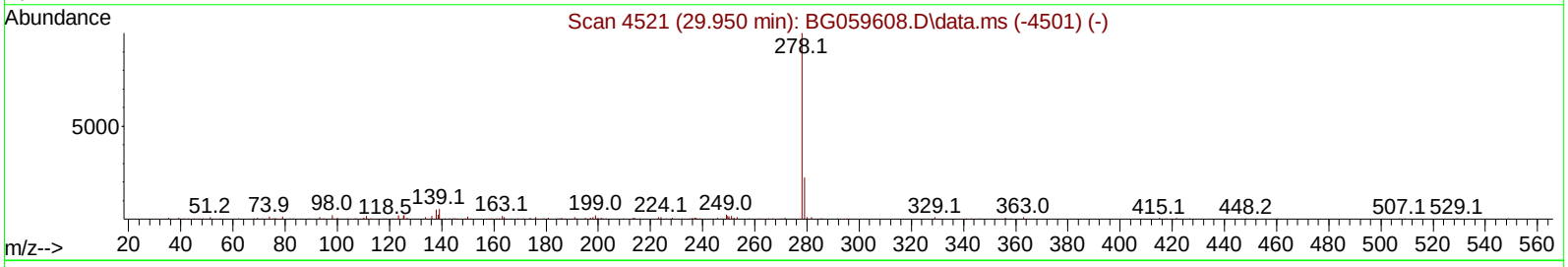
Instrument :
BNA_G
ClientSampleId :
SLCS655

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/08/2023







TIC: BG059640.D\data.ms

(95) Dibenzo(a,h)anthracene

29.946min (-0.004) 38.72 ng/ul m

response 756438

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	5.40	4.94
279.00	22.30	22.98
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059640.D
Acq On : 5 Nov 2023 3:29
Operator : MA/JU
Sample : PB156655BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 06 01:19:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS655

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
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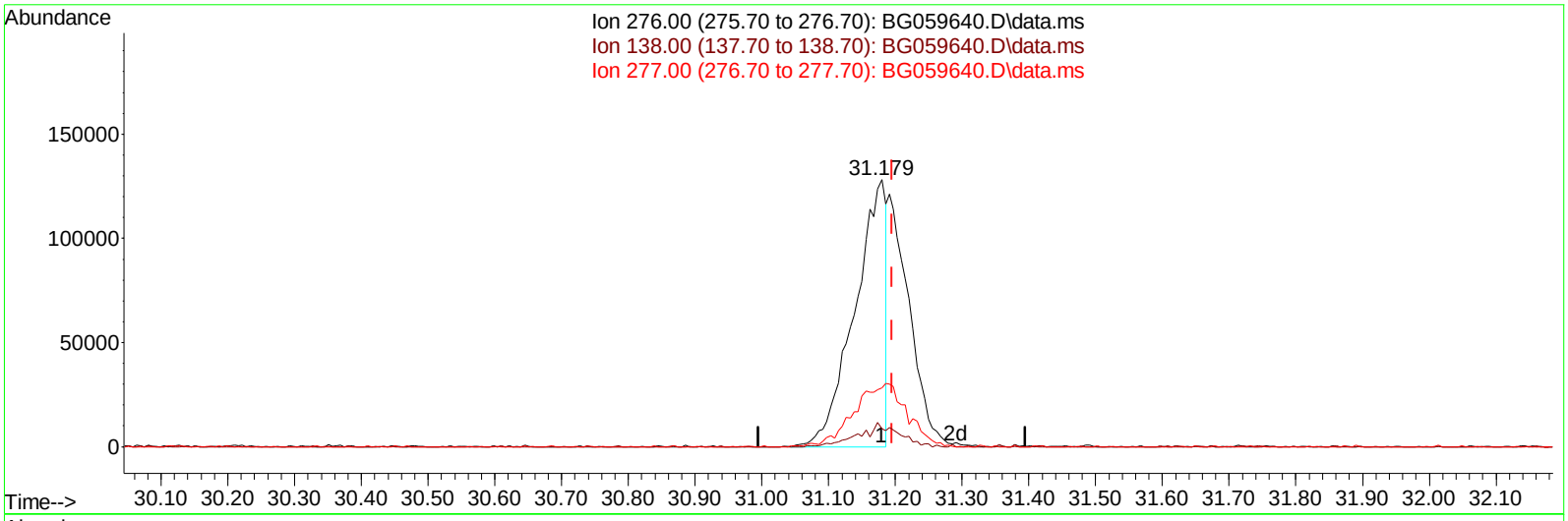

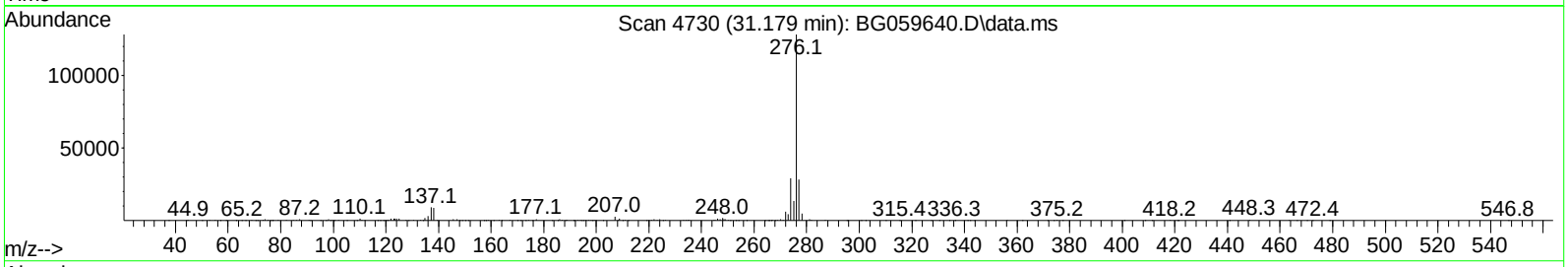

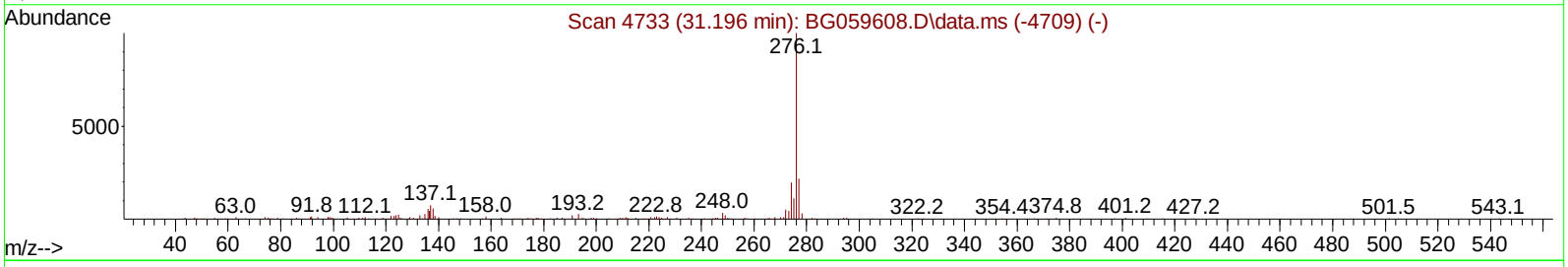

TIC: BG059640.D\data.ms

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

31.179min (-0.016) 22.41 ng/ul

response 414292

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	5.70	6.77
277.00	21.90	22.17
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059640.D
Acq On : 5 Nov 2023 3:29
Operator : MA/JU
Sample : PB156655BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 06 01:19:57 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
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BNA_G
ClientSampleId :
SLCS655

Manual IntegrationsAPPROVED

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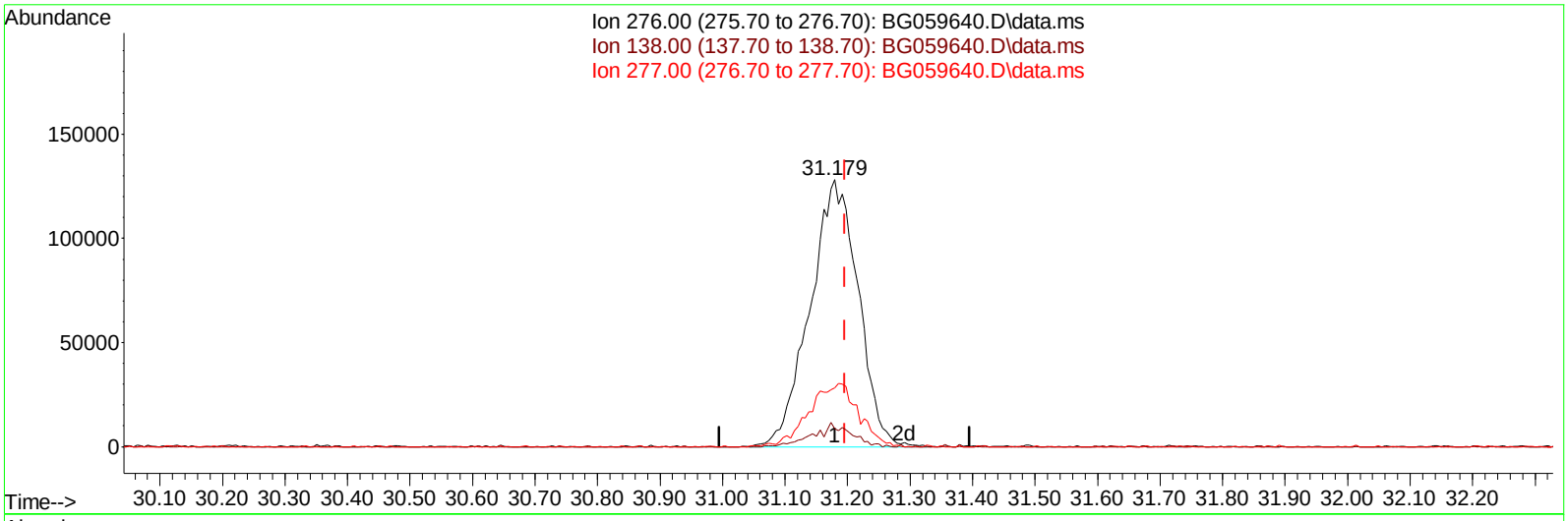

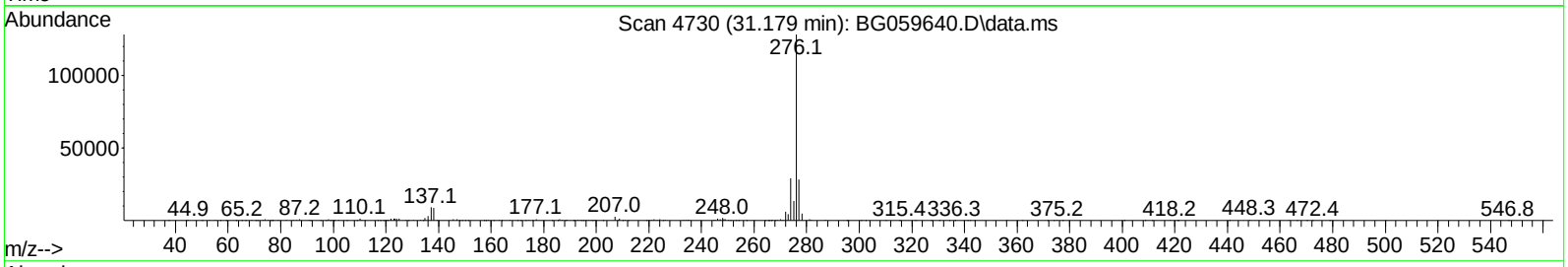

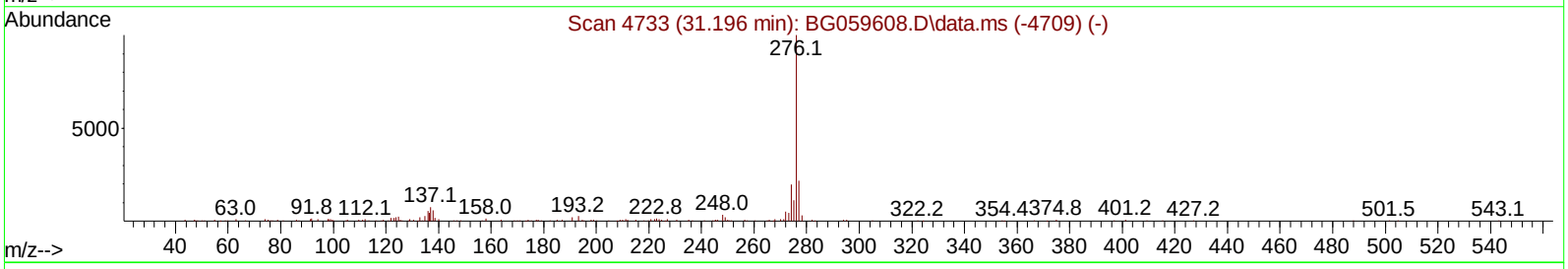

TIC: BG059640.D\data.ms

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

31.179min (-0.016) 37.15 ng/ul m

response 686752

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	5.70	6.77
277.00	21.90	22.17
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.347	152	27238	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.203	136	140969	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.981	164	102085	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.730	188	239432	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.067	240	226243	20.000	ng/ul	# 0.00
88) Perylene-d12	25.662	264	279649	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.647	96	5379	7.401	ng/uL	0.00
4) Pyridine-d5	4.082	84	83152	38.908	ng/ul	0.00
7) Phenol-d5	7.466	99	98540	35.385	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.666	67	40534	27.224	ng/ul	0.00
11) 2-Chlorophenol-d4	7.866	132	67308	35.588	ng/ul	0.00
15) 4-Methylphenol-d8	9.041	113	85455	37.495	ng/ul	0.00
21) Nitrobenzene-d5	9.552	128	35867	34.791	ng/ul	0.00
24) 2-Nitrophenol-d4	10.269	143	48907	39.310	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.797	165	90688	41.028	ng/ul	0.00
31) 4-Chloroaniline-d4	11.344	131	120860	34.747	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166	326241	39.820	ng/ul	0.00
49) Acenaphthylene-d8	14.681	160	362951	37.152	ng/ul	0.00
54) 4-Nitrophenol-d4	15.157	143	61765	42.699	ng/ul	0.00
60) Fluorene-d10	15.968	176	283277	36.726	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.079	200	59400	39.195	ng/ul	0.00
73) Anthracene-d10	17.830	188	446871	35.660	ng/ul	0.00
81) Pyrene-d10	20.104	212	476746	32.929	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.421	264	612742	37.429	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.682	88	11303	13.612	ng/uL#	83
5) Pyridine	4.099	79	85298	37.793	ng/ul	97
6) Benzaldehyde	7.490	77	50921	28.922	ng/ul	98
8) Phenol	7.495	94	96174	34.684	ng/ul#	84
10) Bis(2-Chloroethyl)ether	7.766	93	63214	32.998	ng/ul	97
12) 2-Chlorophenol	7.901	128	70539	35.752	ng/ul#	77
13) 2-Methylphenol	8.770	108	83311	36.317	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.853	45	28450	33.204	ng/ul#	89
16) Acetophenone	9.193	105	139013	34.380	ng/ul	93
17) N-Nitroso-di-n-propyla...	9.158	70	72686	34.025	ng/ul#	89
18) 4-Methylphenol	9.105	108	91890	37.415	ng/ul	89
19) Hexachloroethane	9.440	117	29666	34.298	ng/ul#	71
22) Nitrobenzene	9.593	77	111497	36.386	ng/ul	97
23) Isophorone	10.104	82	224615	31.830	ng/ul#	88
25) 2-Nitrophenol	10.304	139	48349	36.100	ng/ul#	53
26) 2,4-Dimethylphenol	10.322	107	94478	27.825	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.580	93	94935	31.185	ng/ul	98
29) 2,4-Dichlorophenol	10.827	162	82436	38.583	ng/ul#	90
30) Naphthalene	11.250	128	285455	34.586	ng/ul	98
32) 4-Chloroaniline	11.367	127	102673	31.028	ng/ul	92
33) Hexachlorobutadiene	11.485	225	53233	35.423	ng/ul#	82
34) Caprolactam	12.137	113	31818m	42.699	ng/ul	
35) 4-Chloro-3-methylphenol	12.437	107	112039	38.719	ng/ul#	83

Quantitation Report (QT Reviewed)

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Acq On : 5 Nov 2023 3:29
Operator : MA/JU
Sample : PB156655BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 06 01:20:21 2023
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Instrument :
BNA_G
ClientSampleId :
SLCS655

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.830	142	220019	36.583	ng/ul	90
37) 1-Methylnaphthalene	13.042	142	219746	35.775	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	13.171	216	107147	37.569	ng/ul	93
40) Hexachlorocyclopentadiene	13.124	237	59162	28.811	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.412	196	76435	41.235	ng/ul	94
42) 2,4,5-Trichlorophenol	13.483	196	82053	40.082	ng/ul	98
43) 1,1'-Biphenyl	13.817	154	315818	36.190	ng/ul	94
44) 2-Chloronaphthalene	13.876	162	235279	36.193	ng/ul	96
45) 2-Nitroaniline	14.088	65	75716	46.472	ng/ul	87
47) Dimethylphthalate	14.423	163	330566	39.642	ng/ul	98
48) 2,6-Dinitrotoluene	14.564	165	62021	41.273	ng/ul	98
50) Acenaphthylene	14.716	152	401318	36.408	ng/ul	98
51) 3-Nitroaniline	14.899	138	67123	40.592	ng/ul	80
52) Acenaphthene	15.045	153	268432	36.938	ng/ul	98
53) 2,4-Dinitrophenol	15.098	184	43306	40.933	ng/ul#	82
55) 4-Nitrophenol	15.175	109	114006	44.333	ng/ul	90
56) Dibenzofuran	15.380	168	371600	37.678	ng/ul	95
57) 2,4-Dinitrotoluene	15.339	165	94184	41.937	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.586	232	75558	42.642	ng/ul#	91
59) Diethylphthalate	15.768	149	354129	40.372	ng/ul	97
61) Fluorene	16.027	166	327253	38.660	ng/ul	91
62) 4-Chlorophenyl-phenyle...	16.009	204	159903	38.826	ng/ul	95
63) 4-Nitroaniline	16.068	138	70813	44.290	ng/ul	86
66) 4,6-Dinitro-2-methylph...	16.091	198	62702	42.631	ng/ul#	99
67) N-Nitrosodiphenylamine	16.226	169	286209	36.462	ng/ul	92
68) 4-Bromophenyl-phenylether	16.908	248	106192	41.961	ng/ul	95
69) Hexachlorobenzene	16.996	284	105502	44.523	ng/ul#	86
70) Atrazine	17.161	200	79376	29.527	ng/ul	93
71) Pentachlorophenol	17.349	266	69761	42.204	ng/ul	93
72) Phenanthrene	17.777	178	540087	38.508	ng/ul	97
74) Anthracene	17.871	178	523874	35.357	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.776	216	108390	37.020	ng/uL	85
76) Pentachlorobenzene	15.269	250	107314	36.256	ng/uL	93
77) Carbazole	18.142	167	470559	36.899	ng/ul	100
78) Di-n-butylphthalate	18.647	149	587287	40.684	ng/ul	98
80) Fluoranthene	19.769	202	600885	33.848	ng/ul#	92
82) Pyrene	20.134	202	600020	33.585	ng/ul#	95
83) Butylbenzylphthalate	20.991	149	242704	36.242	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.955	252	216097	38.628	ng/ul#	96
85) Benzo(a)anthracene	22.043	228	672003	37.889	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.879	149	350207	35.022	ng/ul	98
87) Chrysene	22.119	228	606917	37.690	ng/ul	98
89) Di-n-octyl phthalate	23.230	149	713770	46.285	ng/ul	100
90) Benzo(b)fluoranthene	24.505	252	756907	39.744	ng/ul	95
91) Benzo(k)fluoranthene	24.581	252	740365	38.113	ng/ul#	98
93) Benzo(a)pyrene	25.498	252	673730	36.591	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.857	276	889025m	37.758	ng/ul	
95) Dibenzo(a,h)anthracene	29.946	278	756438m	38.720	ng/ul	
96) Benzo(g,h,i)perylene	31.179	276	686752m	37.152	ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
SLCS655

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/08/2023

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059640.D
Acq On : 5 Nov 2023 3:29
Operator : MA/JU
Sample : PB156655BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 06 01:20:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS655

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/08/2023