Quantitation Report (Qedit)

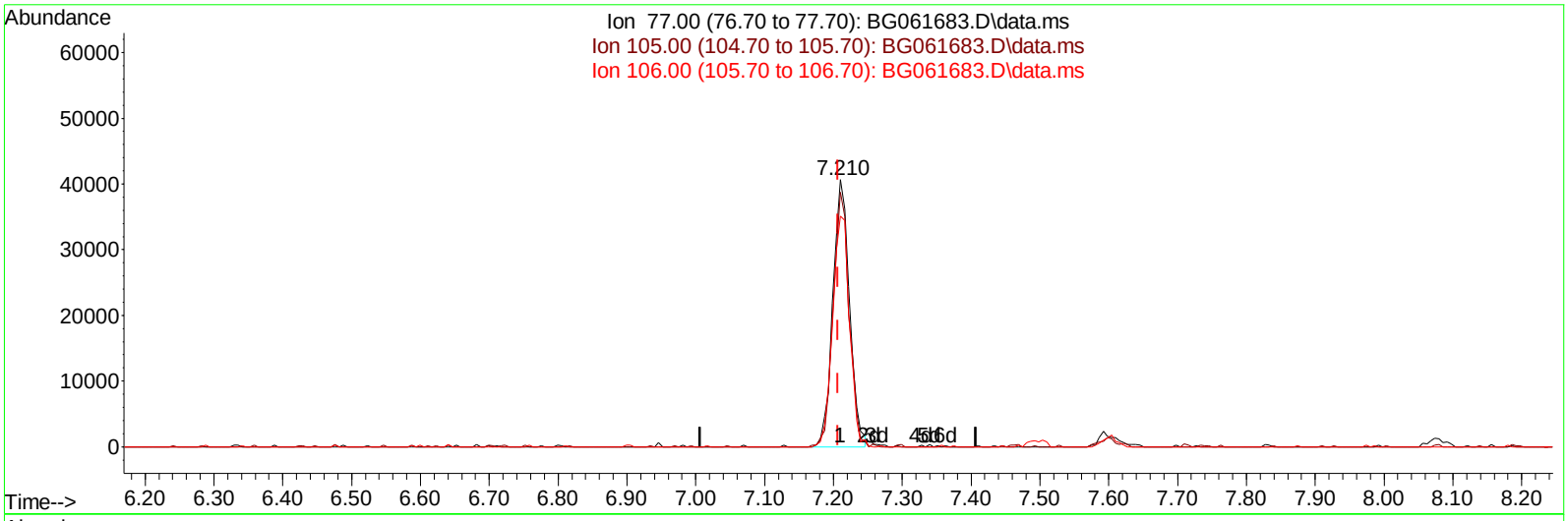
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061683.D
Acq On : 24 Jun 2024 20:17
Operator : MA/JU
Sample : P2776-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

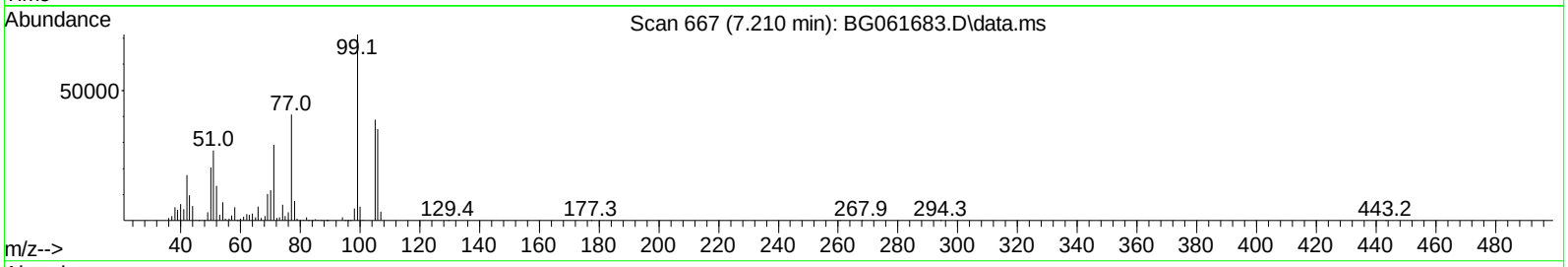
Quant Time: Jun 24 23:34:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

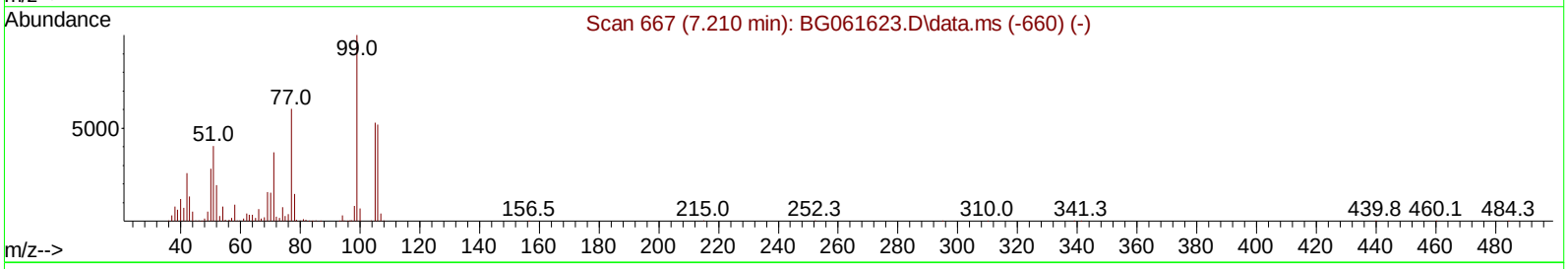
Instrument :
BNA_G
ClientSampleId :
A4CY6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024







TIC: BG061683.D\data.ms

(6) Benzaldehyde

7.210min (+ 0.004) 24.82 ng/ul

response 67971

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.80	95.31
106.00	79.40	86.45
0.00	0.00	0.00

Quantitation Report (Qedit)

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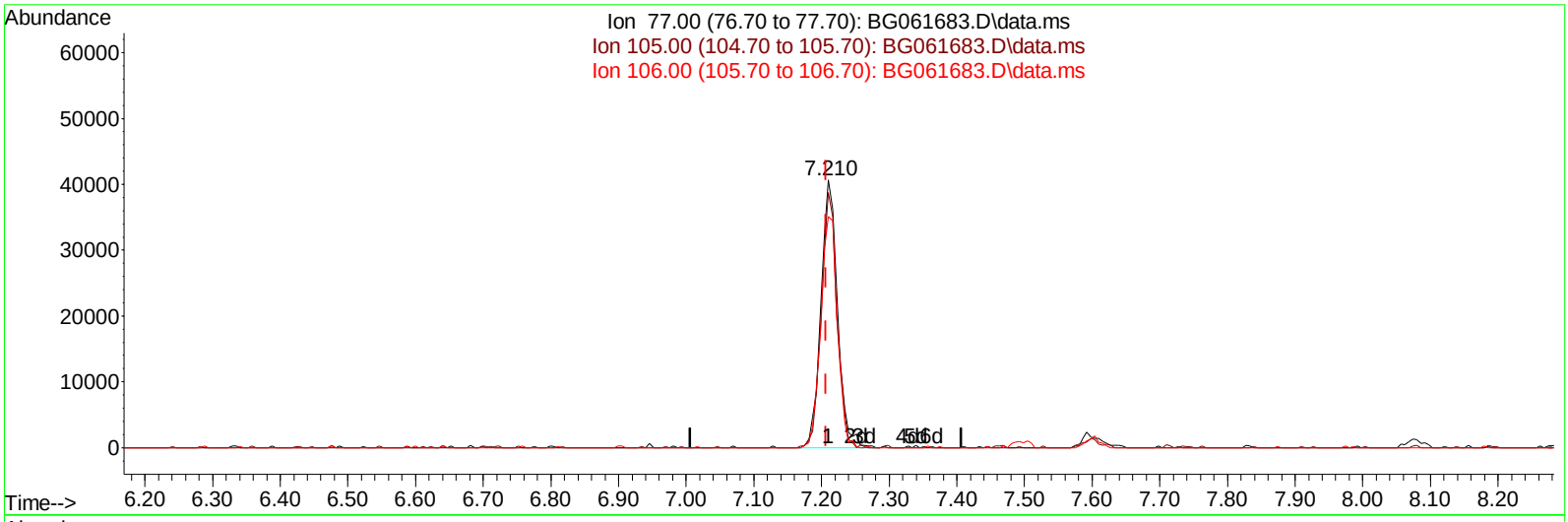

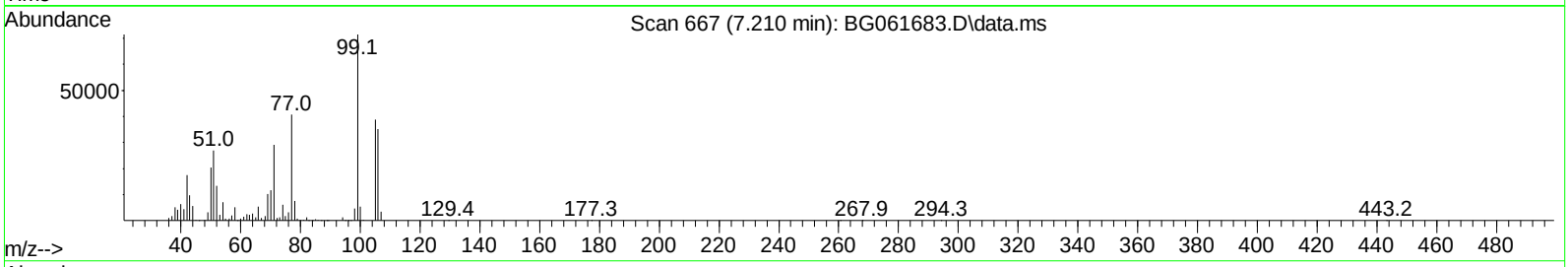

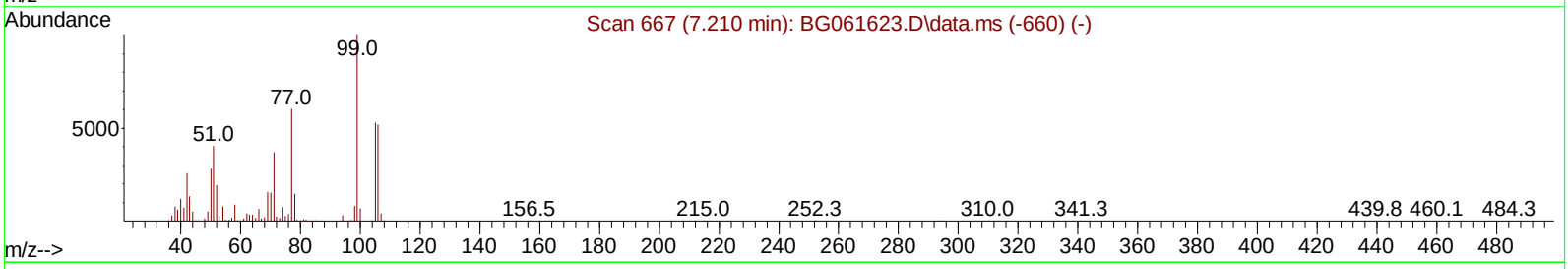

TIC: BG061683.D\data.ms

(6) Benzaldehyde

7.210min (+ 0.004) 25.23 ng/ul m

response 69108

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.80	95.31
106.00	79.40	86.45
0.00	0.00	0.00

Quantitation Report (Qedit)

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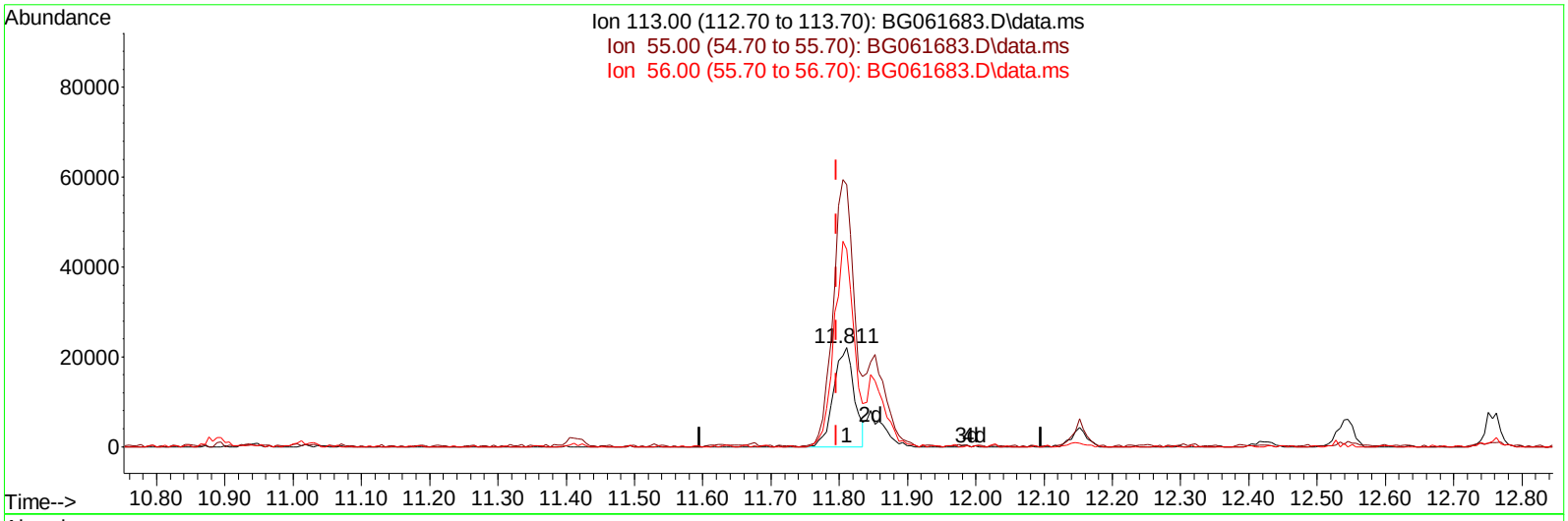

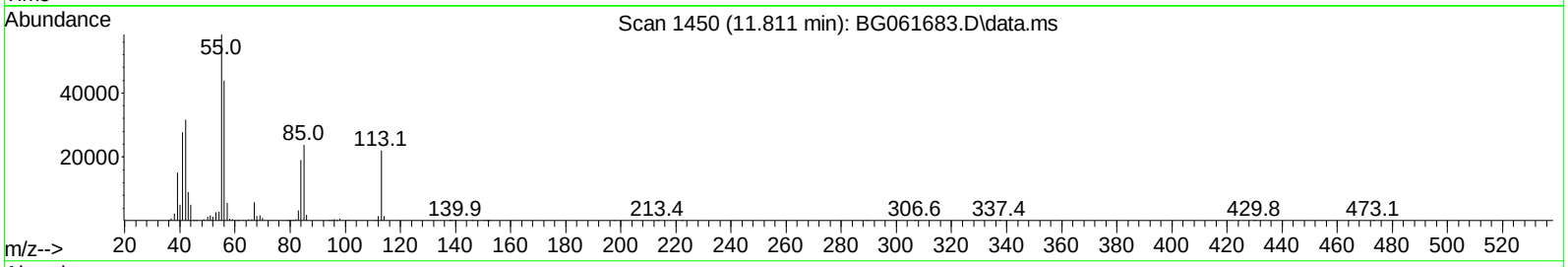

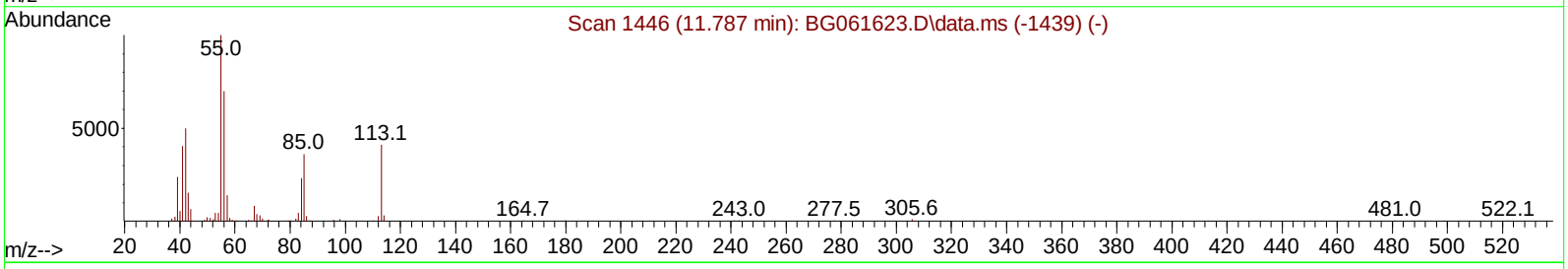

TIC: BG061683.D\data.ms

(34) Caprolactam

11.811min (+ 0.015) 29.95 ng/ul

response 46823

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	259.30	264.73
56.00	209.00	199.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061683.D
Acq On : 24 Jun 2024 20:17
Operator : MA/JU
Sample : P2776-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CY6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2024
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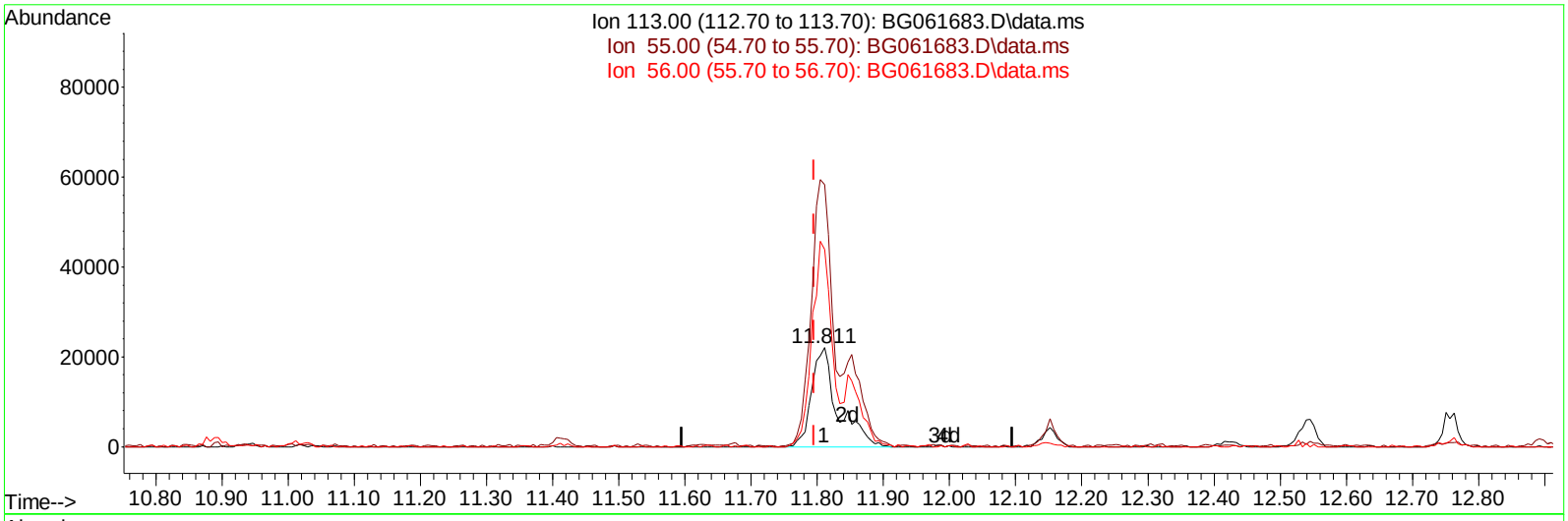

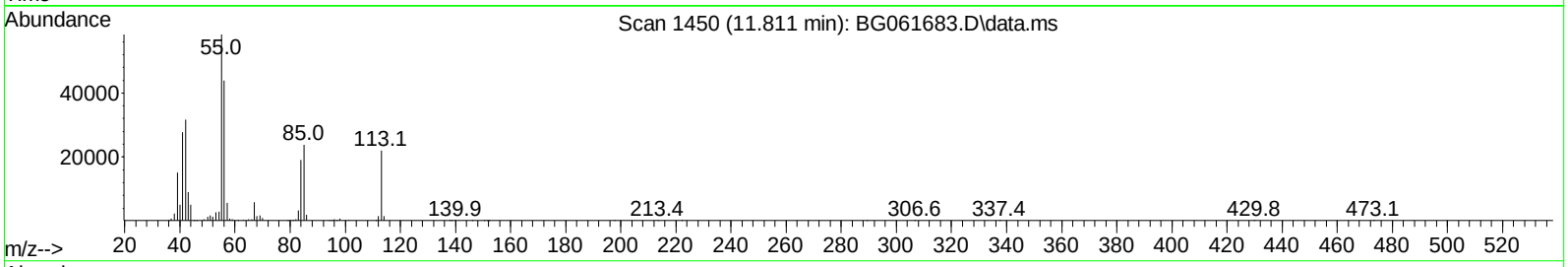

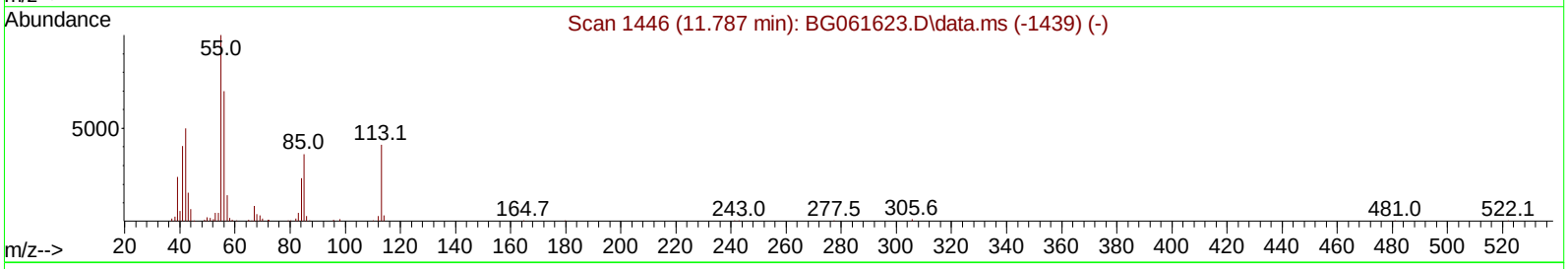

TIC: BG061683.D\data.ms

(34) Caprolactam

11.811min (+ 0.015) 38.73 ng/ul m

response 60540

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	259.30	264.73
56.00	209.00	199.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061683.D
Acq On : 24 Jun 2024 20:17
Operator : MA/JU
Sample : P2776-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 24 23:34:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CY6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2024
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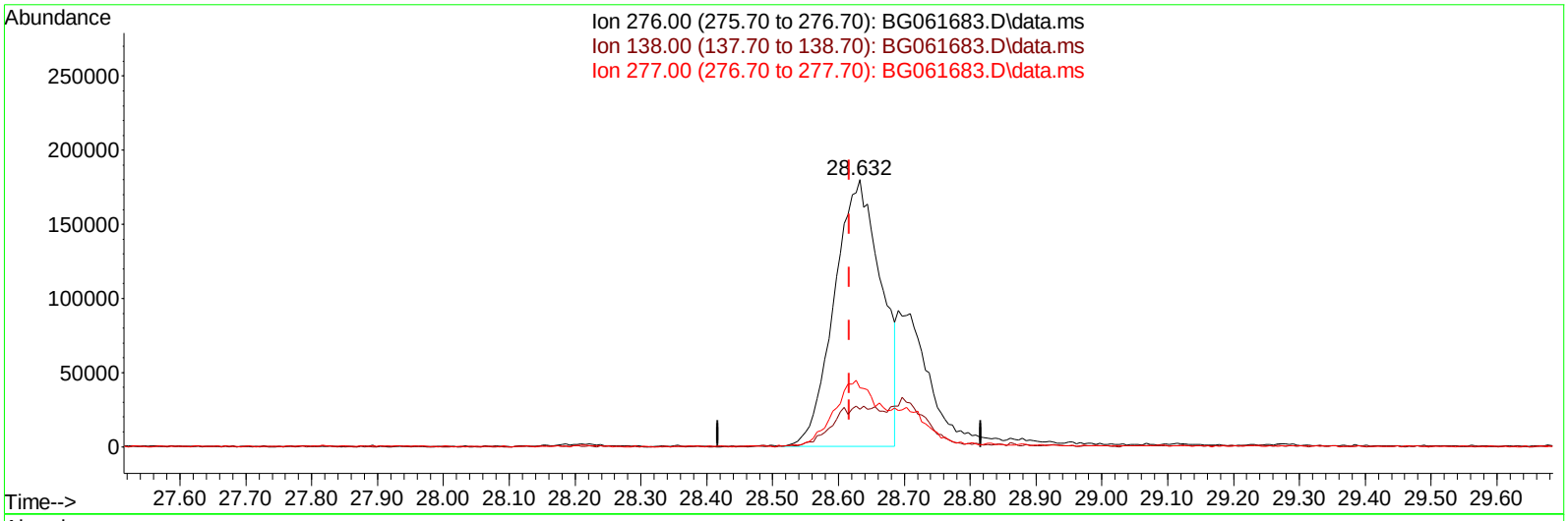

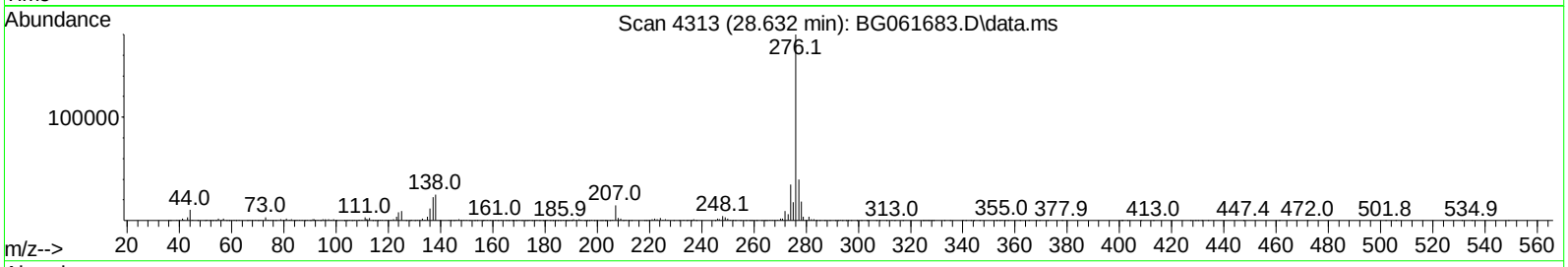

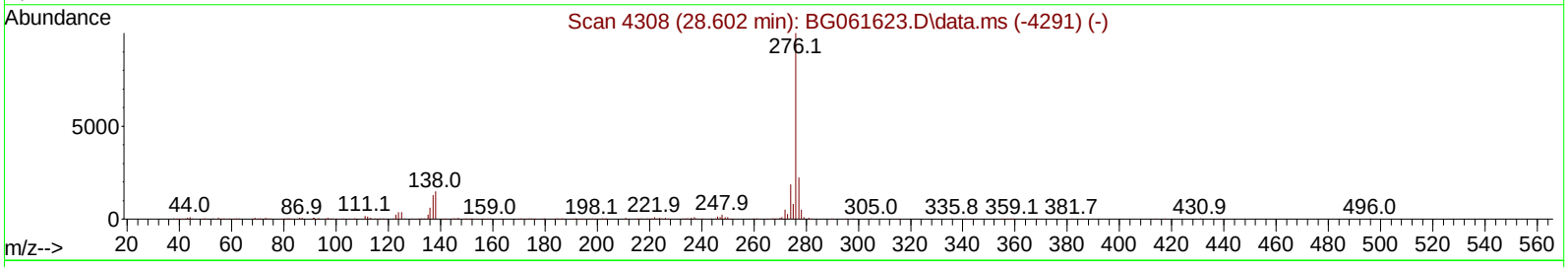

TIC: BG061683.D\data.ms

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

28.632min (+ 0.015) 25.83 ng/ul

response 889423

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	14.04
277.00	24.60	22.17
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061683.D
Acq On : 24 Jun 2024 20:17
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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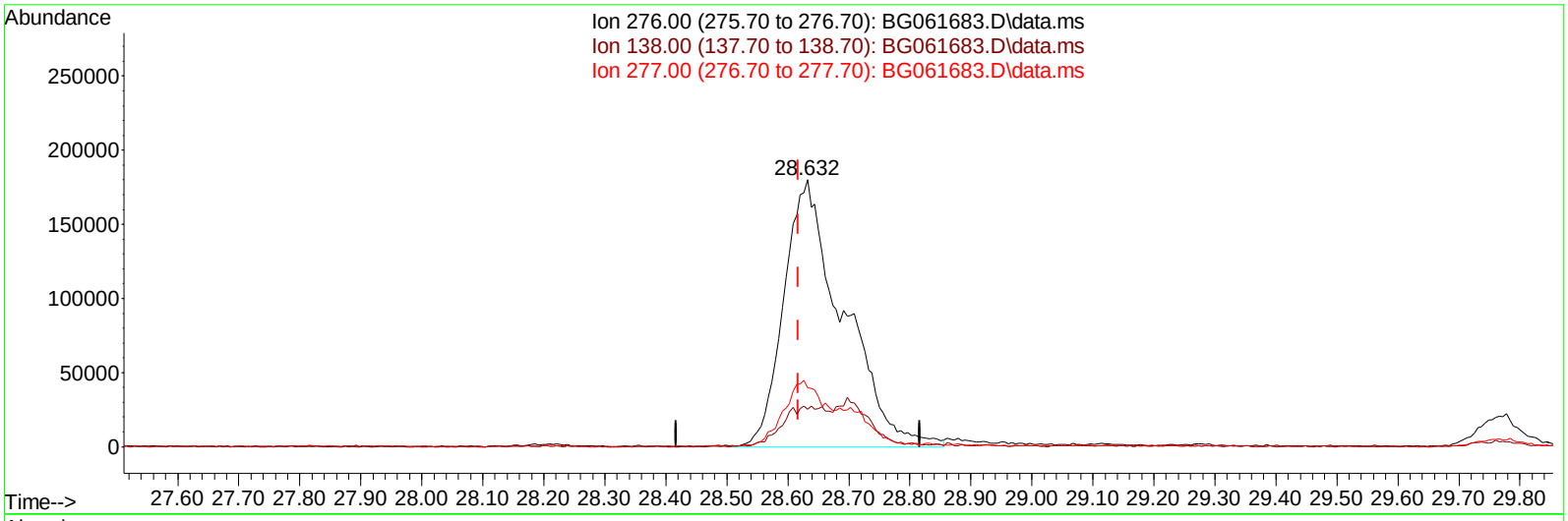
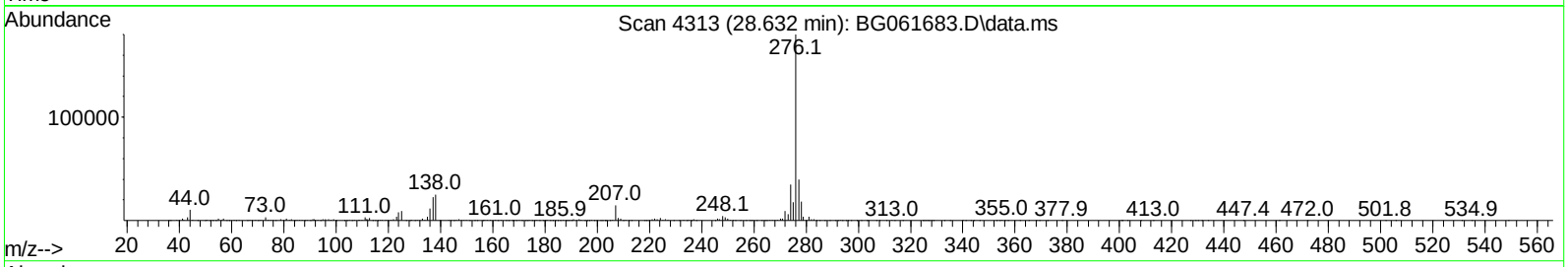
Response via : Initial Calibration

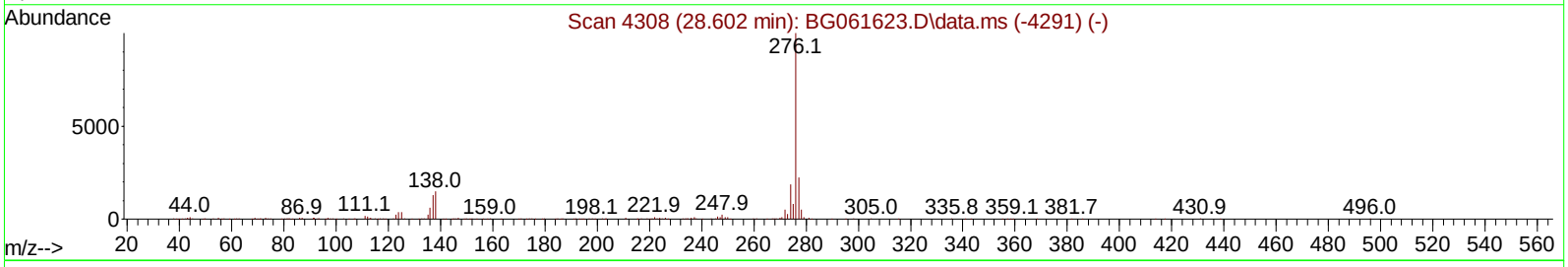
Instrument :
BNA_G
ClientSampleId :
A4CY6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024







TIC: BG061683.D\data.ms

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

28.632min (+ 0.015) 35.24 ng/ul m

response 1213271

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	14.04
277.00	24.60	22.17
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061683.D
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Instrument :
BNA_G
ClientSampleId :
A4CY6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2024
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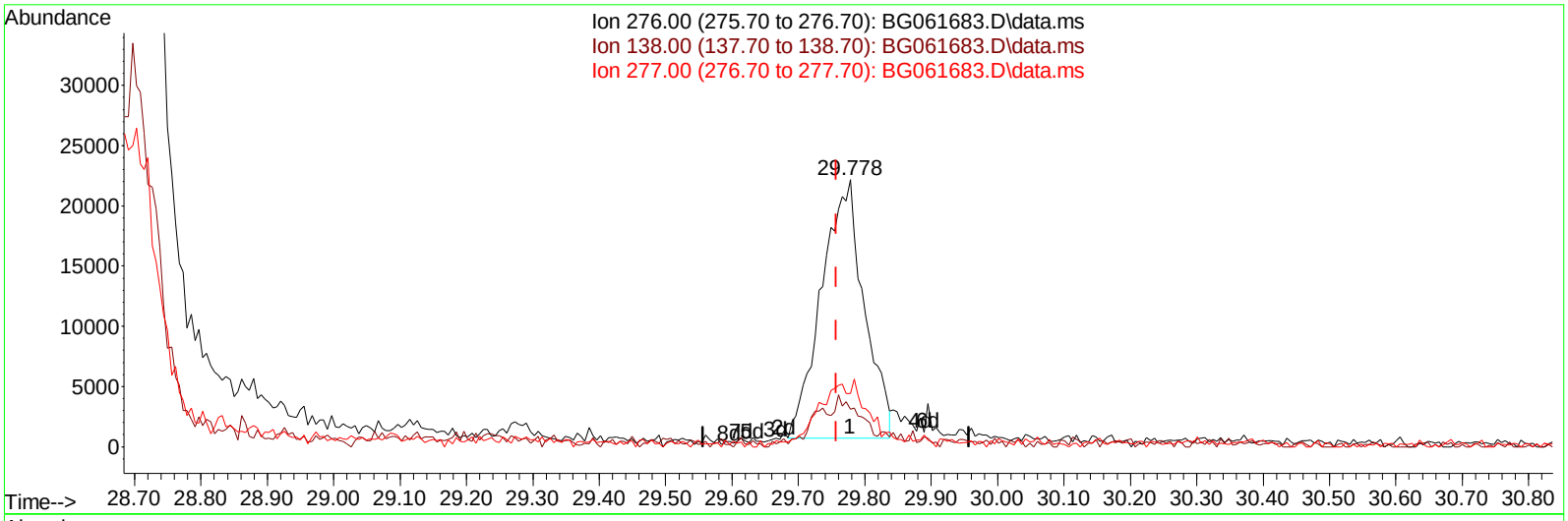

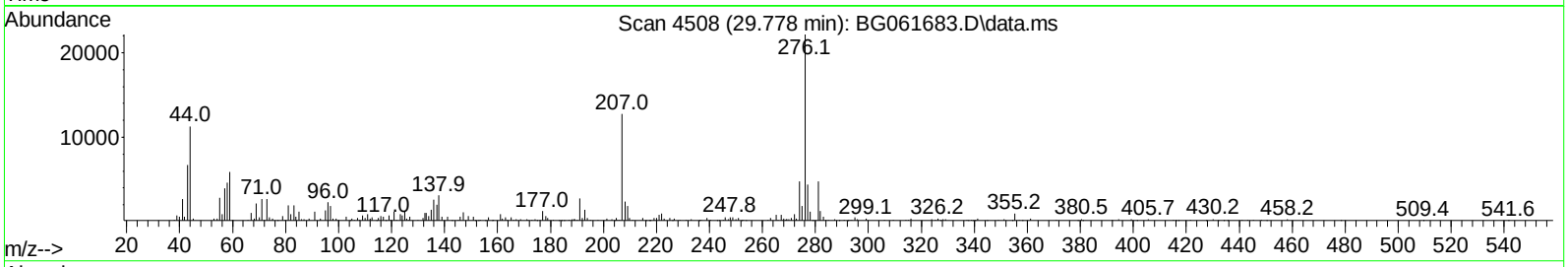

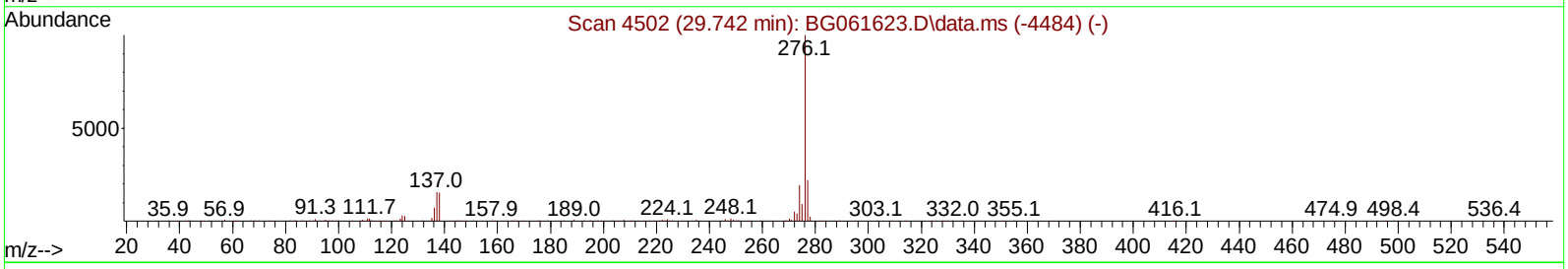

TIC: BG061683.D\data.ms

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

29.778min (+ 0.021) 3.43 ng/ul

response 95210

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	14.07
277.00	23.20	19.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
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Instrument :
BNA_G
ClientSampleId :
A4CY6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2024
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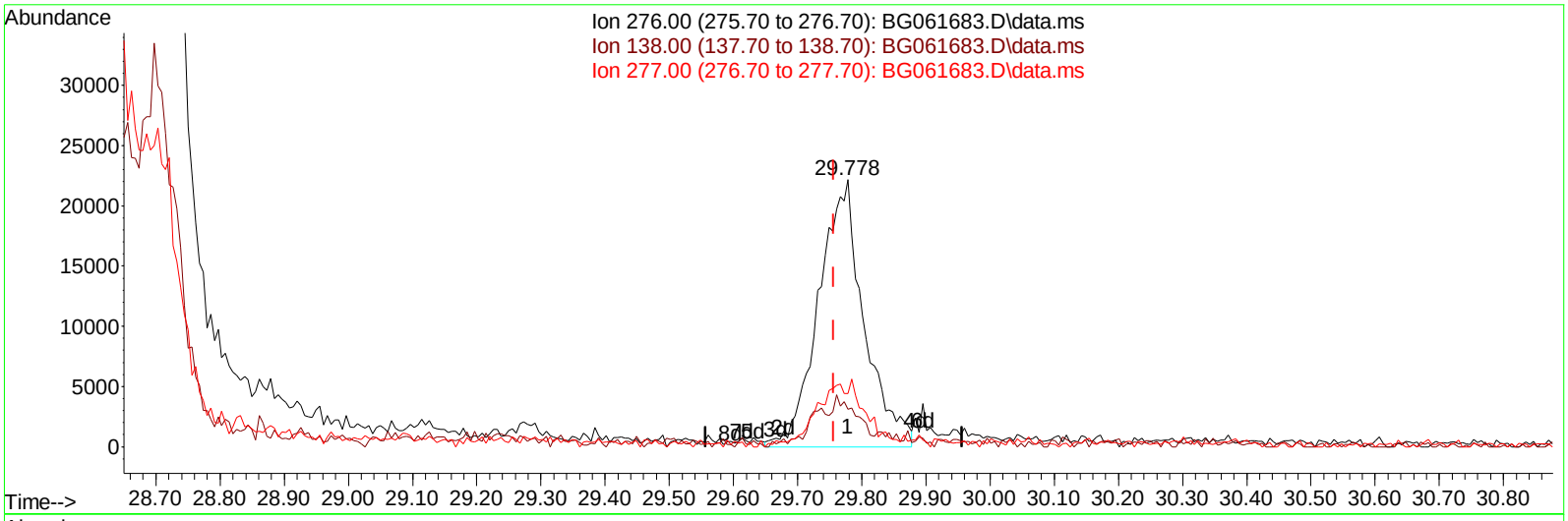

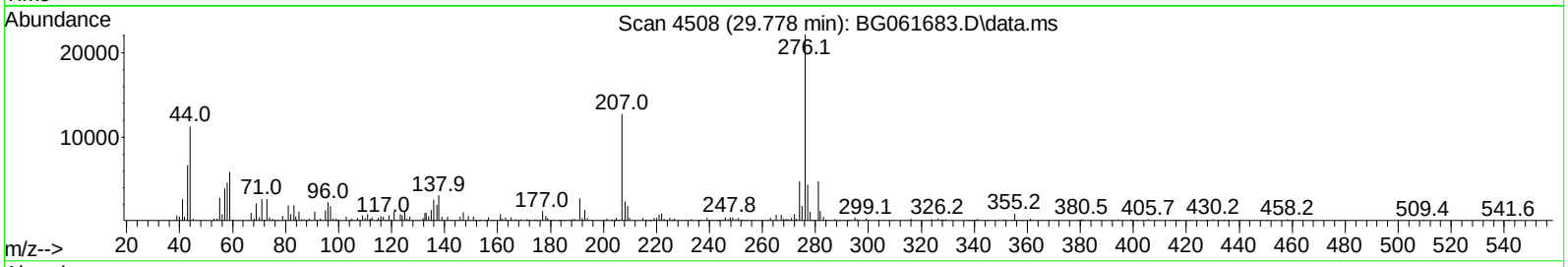

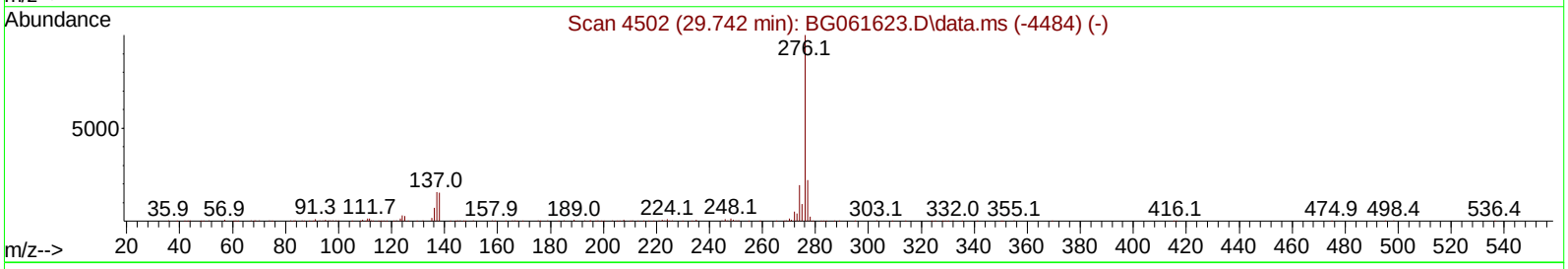

TIC: BG061683.D\data.ms

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

29.778min (+ 0.021) 3.92 ng/ul m

response 108932

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	14.07
277.00	23.20	19.94
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.074	152	51270	20.000	ng/ul	0.00
20) Naphthalene-d8	10.888	136	253398	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.702	164	199050	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	487284	20.000	ng/ul	0.00
79) Chrysene-d12	21.711	240	406233	20.000	ng/ul	0.00
88) Perylene-d12	24.942	264	477450	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.468	96	6559	4.621	ng/uL	0.00
4) Pyridine-d5	3.891	84	45432	10.588	ng/ul	0.00
7) Phenol-d5	7.216	99	147468	26.495	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	84159	24.256	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	98095	25.683	ng/ul	0.00
15) 4-Methylphenol-d8	8.773	113	110929	25.781	ng/ul	0.00
21) Nitrobenzene-d5	9.243	128	49888	28.995	ng/ul	0.00
24) 2-Nitrophenol-d4	9.960	143	61946	35.548	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.501	165	129641	31.419	ng/ul	0.00
31) 4-Chloroaniline-d4	11.018	131	121869	19.508	ng/ul	0.00
46) Dimethylphthalate-d6	14.108	166	469215	30.632	ng/ul	0.00
49) Acenaphthylene-d8	14.396	160	502106	29.911	ng/ul	0.00
54) 4-Nitrophenol-d4	14.884	143	92482	35.155	ng/ul	0.02
60) Fluorene-d10	15.694	176	430053	32.070	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.800	200	83213	39.936	ng/ul	0.00
73) Anthracene-d10	17.545	188	720939	32.412	ng/ul	0.00
81) Pyrene-d10	19.825	212	704801	31.060	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.719	264	532863	23.368	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.503	88	19898	11.281	ng/uL#	91
5) Pyridine	3.908	79	64308	13.941	ng/ul	97
6) Benzaldehyde	7.210	77	69108m	25.232	ng/ul	
8) Phenol	7.246	94	213327	36.422	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.492	93	145114	32.918	ng/ul#	96
12) 2-Chlorophenol	7.633	128	137154	35.793	ng/ul	96
13) 2-Methylphenol	8.509	108	143872	35.109	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.597	45	309097	34.319	ng/ul#	94
16) Acetophenone	8.902	105	252166	35.591	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.879	70	134716	35.396	ng/ul	98
18) 4-Methylphenol	8.838	108	172718	37.622	ng/ul	97
19) Hexachloroethane	9.161	117	44869	29.203	ng/ul	92
22) Nitrobenzene	9.284	77	195679	39.479	ng/ul	98
23) Isophorone	9.807	82	417766	36.649	ng/ul	98
25) 2-Nitrophenol	9.995	139	83268	45.696	ng/ul#	78
26) 2,4-Dimethylphenol	10.042	107	123161	24.167	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.289	93	222727	34.540	ng/ul	98
29) 2,4-Dichlorophenol	10.524	162	159996	42.321	ng/ul	97
30) Naphthalene	10.941	128	504090	35.553	ng/ul	99
32) 4-Chloroaniline	11.041	127	157062	25.350	ng/ul	91
33) Hexachlorobutadiene	11.217	225	99235	38.000	ng/ul#	91
34) Caprolactam	11.811	113	60540m	38.727	ng/ul	
35) 4-Chloro-3-methylphenol	12.152	107	234383	44.335	ng/ul	95

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061683.D
Acq On : 24 Jun 2024 20:17
Operator : MA/JU
Sample : P2776-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 24 23:53:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CY6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.539	142	383252	38.308 ng/ul	99
37) 1-Methylnaphthalene	12.757	142	411013	38.503 ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.898	216	213473	37.895 ng/ul	98
40) Hexachlorocyclopentadiene	12.880	237	66273	19.772 ng/ul	97
41) 2,4,6-Trichlorophenol	13.133	196	153788	42.313 ng/ul	93
42) 2,4,5-Trichlorophenol	13.203	196	173702	43.847 ng/ul	88
43) 1,1'-Biphenyl	13.544	154	552420	38.313 ng/ul	97
44) 2-Chloronaphthalene	13.585	162	422705	38.166 ng/ul	95
45) 2-Nitroaniline	13.779	65	201249	53.079 ng/ul	97
47) Dimethylphthalate	14.155	163	590846	38.844 ng/ul#	97
48) 2,6-Dinitrotoluene	14.278	165	131083	51.933 ng/ul#	90
50) Acenaphthylene	14.425	152	709695	37.873 ng/ul	98
51) 3-Nitroaniline	14.602	138	124079	48.003 ng/ul#	93
52) Acenaphthene	14.766	153	494615	38.114 ng/ul	96
53) 2,4-Dinitrophenol	14.807	184	73408	57.231 ng/ul#	89
55) 4-Nitrophenol	14.901	109	126517	46.571 ng/ul	91
56) Dibenzofuran	15.101	168	746747	41.121 ng/ul	93
57) 2,4-Dinitrotoluene	15.060	165	206812	55.199 ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.318	232	181844	46.814 ng/ul	98
59) Diethylphthalate	15.518	149	663504	42.353 ng/ul	96
61) Fluorene	15.753	166	628105	41.793 ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.742	204	304784	40.852 ng/ul	96
63) 4-Nitroaniline	15.765	138	145662	53.193 ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.818	198	120655	51.122 ng/ul#	90
67) N-Nitrosodiphenylamine	15.953	169	558896	44.353 ng/ul	97
68) 4-Bromophenyl-phenylether	16.640	248	222085	44.264 ng/ul	93
69) Hexachlorobenzene	16.746	284	217902	35.788 ng/ul	94
70) Atrazine	16.905	200	178370	35.438 ng/ul	94
71) Pentachlorophenol	17.087	266	157971	42.592 ng/ul	93
72) Phenanthrene	17.492	178	1145001	44.664 ng/ul	98
74) Anthracene	17.581	178	1074440	40.985 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.503	216	228812	42.146 ng/uL	97
76) Pentachlorobenzene	15.013	250	234465	35.963 ng/uL	95
77) Carbazole	17.845	167	893197	40.128 ng/ul	98
78) Di-n-butylphthalate	18.409	149	1254086	47.107 ng/ul	98
80) Fluoranthene	19.496	202	1364260	51.817 ng/ul	99
82) Pyrene	19.854	202	1160339	41.448 ng/ul	98
83) Butylbenzylphthalate	20.747	149	528430	51.843 ng/ul	93
84) 3,3'-Dichlorobenzidine	21.605	252	294843	34.326 ng/ul	96
85) Benzo(a)anthracene	21.693	228	1315554	46.135 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.611	149	784269	52.344 ng/ul	98
87) Chrysene	21.758	228	1231323	45.635 ng/ul	99
89) Di-n-octyl phthalate	22.839	149	1349457	53.587 ng/ul	100
90) Benzo(b)fluoranthene	23.920	252	1401642	48.836 ng/ul	97
91) Benzo(k)fluoranthene	23.991	252	1323231	44.829 ng/ul	98
93) Benzo(a)pyrene	24.790	252	645458	23.360 ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.632	276	1213271m	35.237 ng/ul	
95) Dibenzo(a,h)anthracene	28.703	278	1247294	43.564 ng/ul	99
96) Benzo(g,h,i)perylene	29.778	276	108932m	3.925 ng/ul	

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

Instrument :
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Manual IntegrationsAPPROVED

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Instrument :
BNA_G
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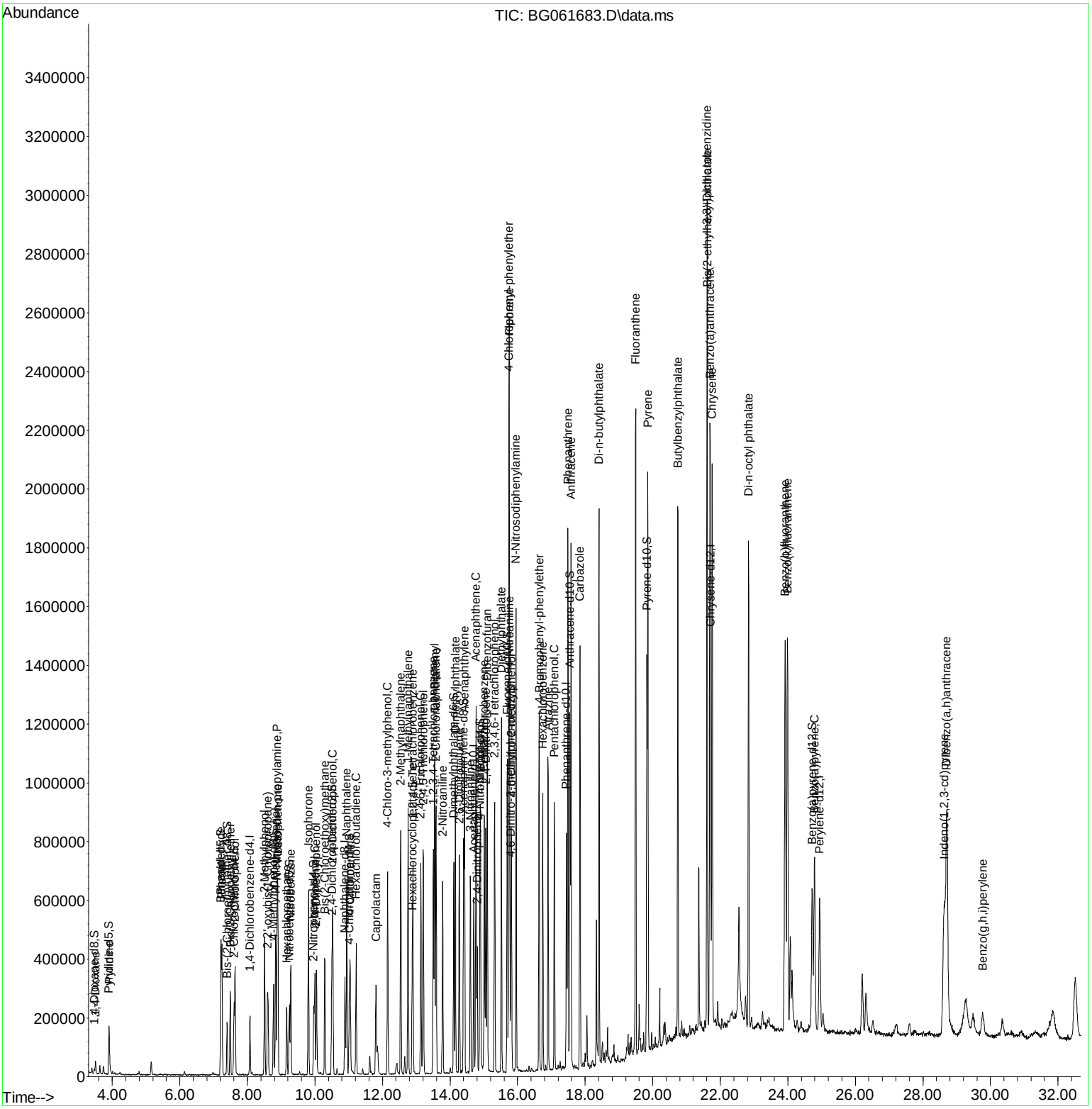
Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024