Quantitation Report (Qedit)

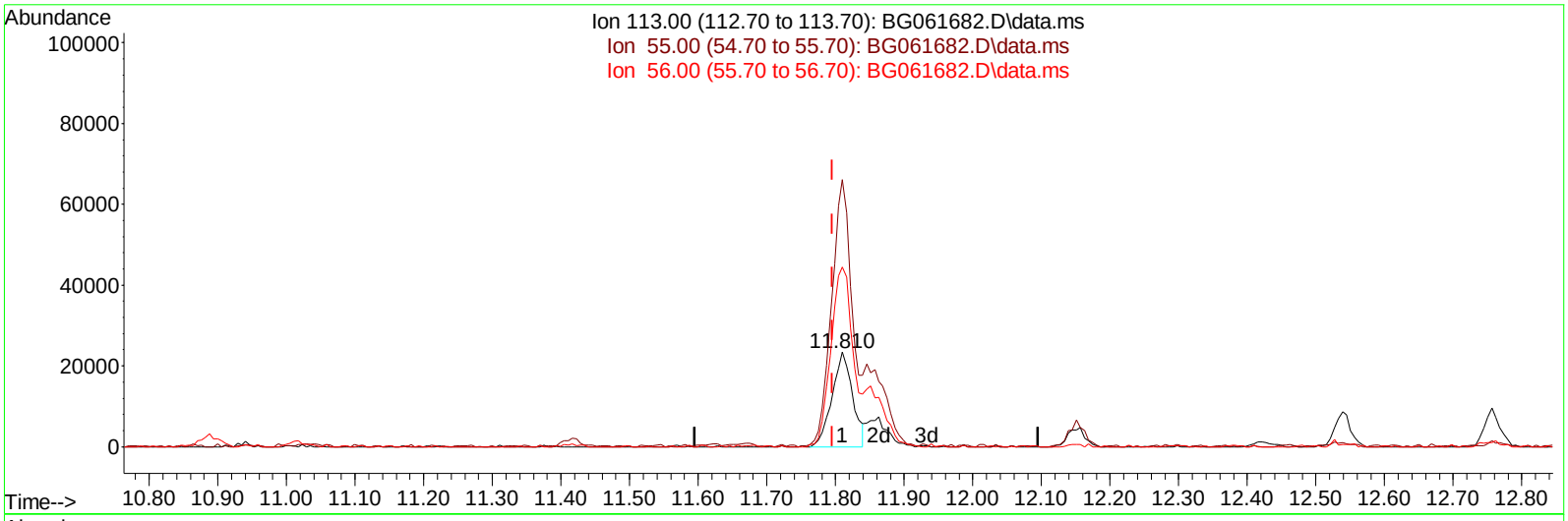
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061682.D
Acq On : 24 Jun 2024 19:36
Operator : MA/JU
Sample : P2776-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

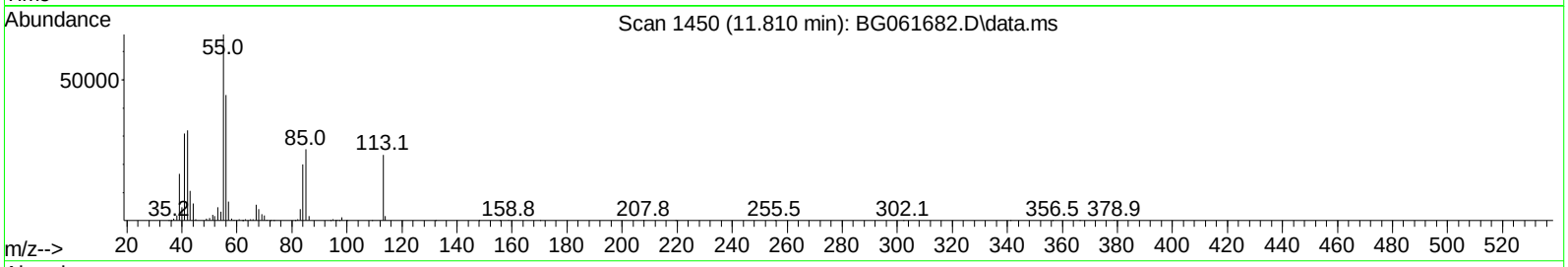
Quant Time: Jun 24 23:34:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

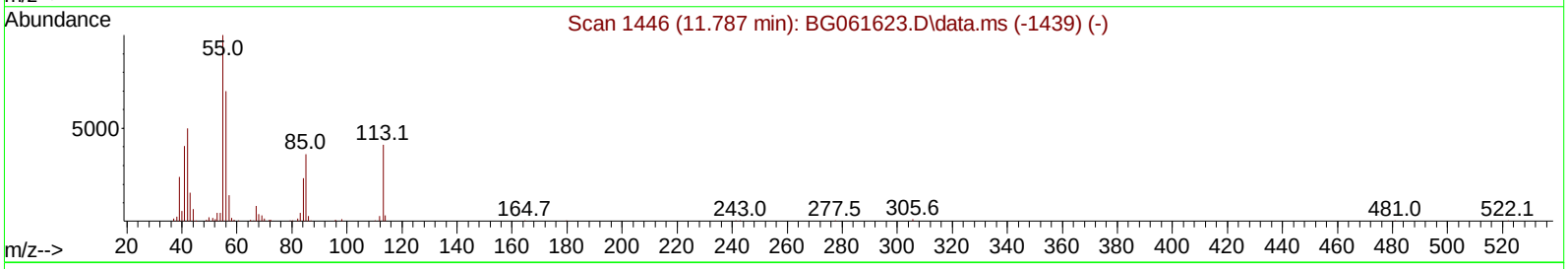
Instrument :
BNA_G
ClientSampleId :
A4CY6MS

Manual IntegrationsAPPROVED

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







TIC: BG061682.D\data.ms

(34) Caprolactam

11.810min (+ 0.015) 25.73 ng/ul

response 49078

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	259.30	282.13
56.00	209.00	190.19
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061682.D
Acq On : 24 Jun 2024 19:36
Operator : MA/JU
Sample : P2776-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 24 23:34:07 2024
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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 :
A4CY6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2024
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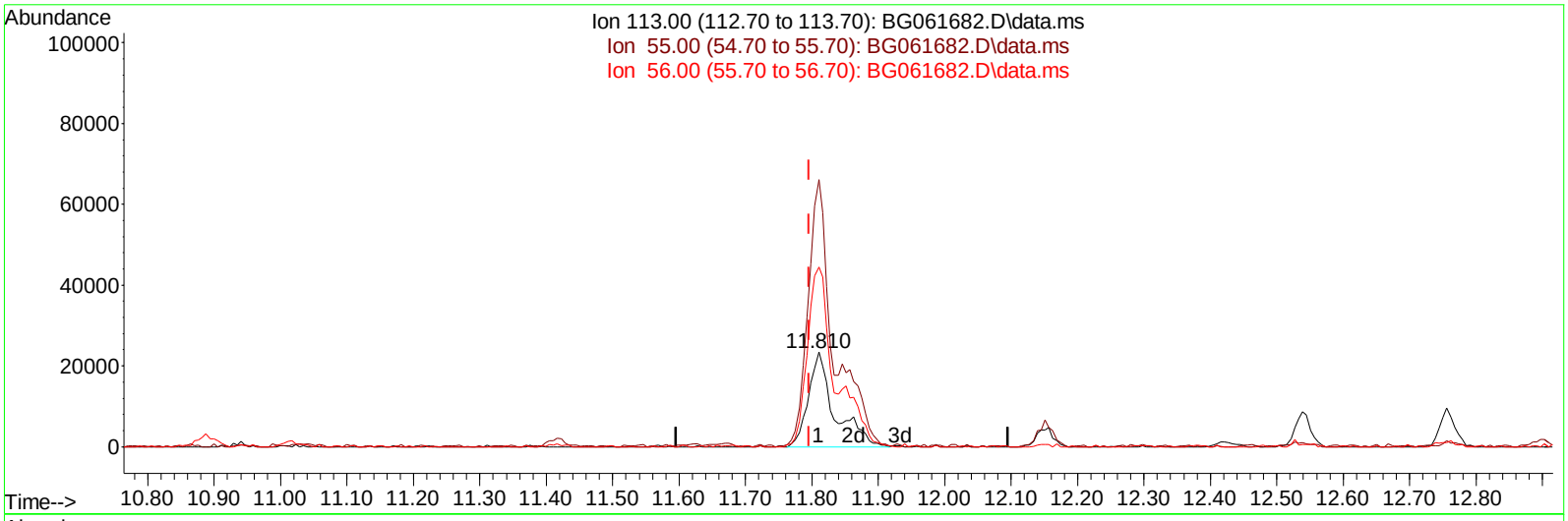
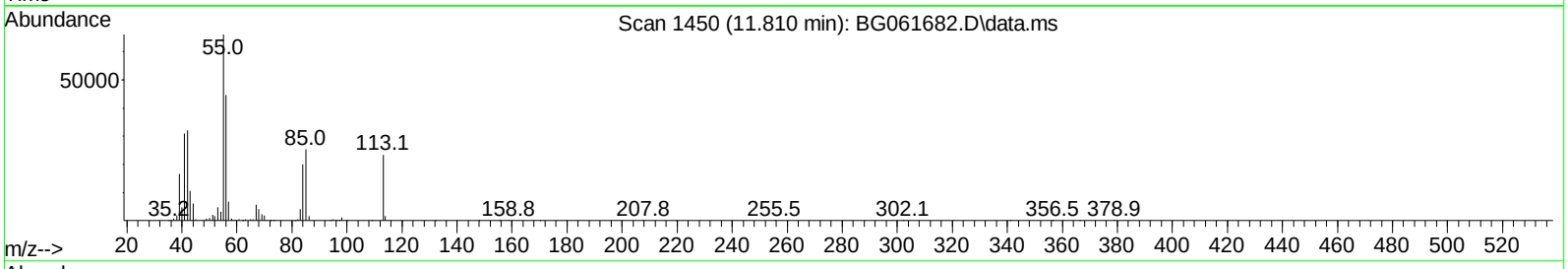
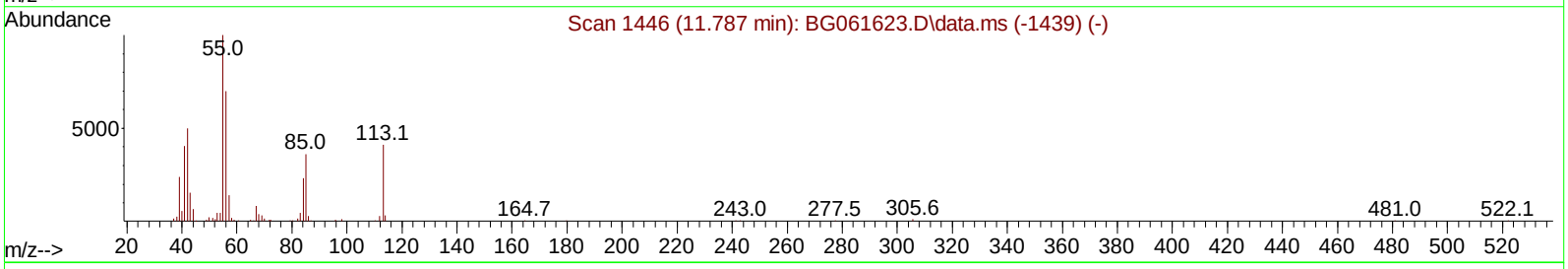






TIC: BG061682.D\data.ms

(34) Caprolactam

11.810min (+ 0.015) 33.49 ng/ul m

response 63878

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	259.30	282.13
56.00	209.00	190.19
0.00	0.00	0.00

Quantitation Report (Qedit)

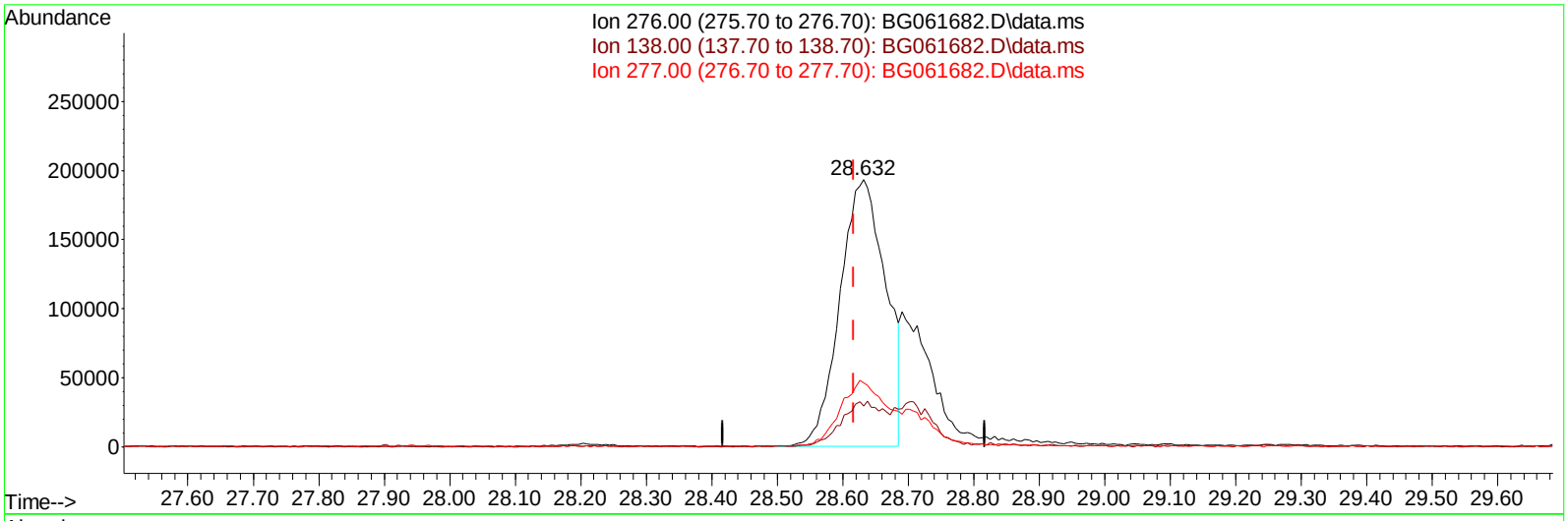
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061682.D
Acq On : 24 Jun 2024 19:36
Operator : MA/JU
Sample : P2776-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

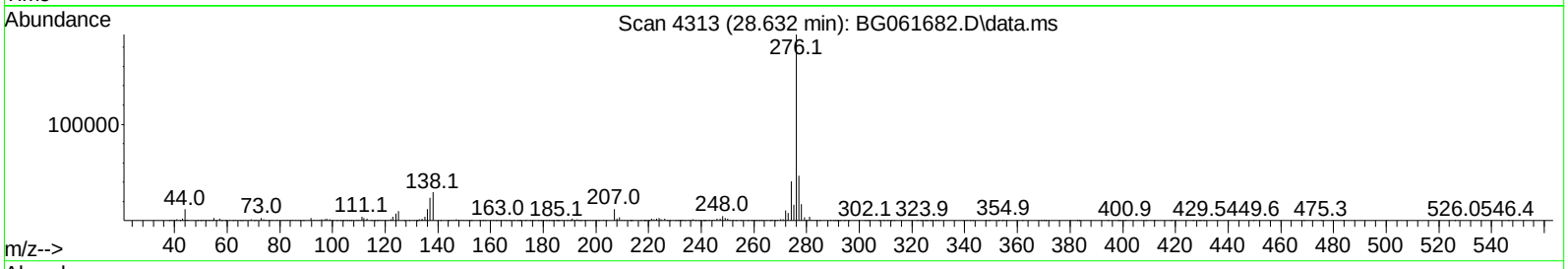
Quant Time: Jun 24 23:34:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

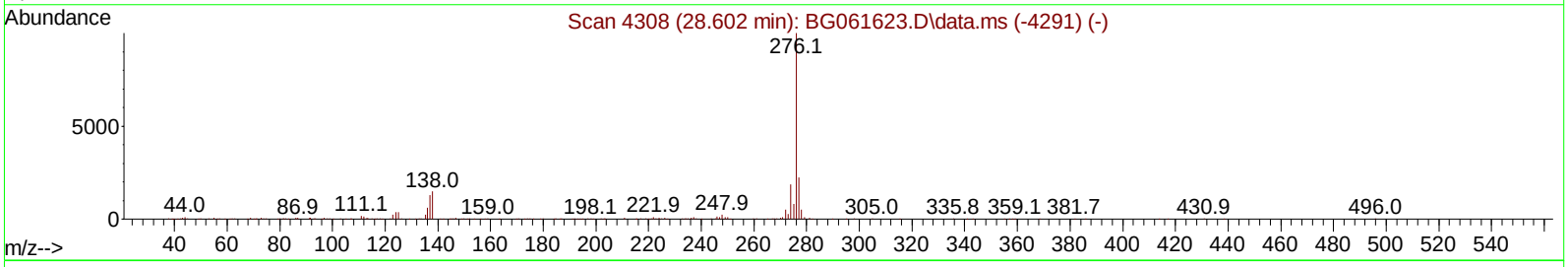
Instrument :
BNA_G
ClientSampleId :
A4CY6MS

Manual IntegrationsAPPROVED

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







TIC: BG061682.D\data.ms

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

28.632min (+ 0.015) 24.82 ng/ul

response 931467

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	15.26
277.00	24.60	24.04
0.00	0.00	0.00

Quantitation Report (Qedit)

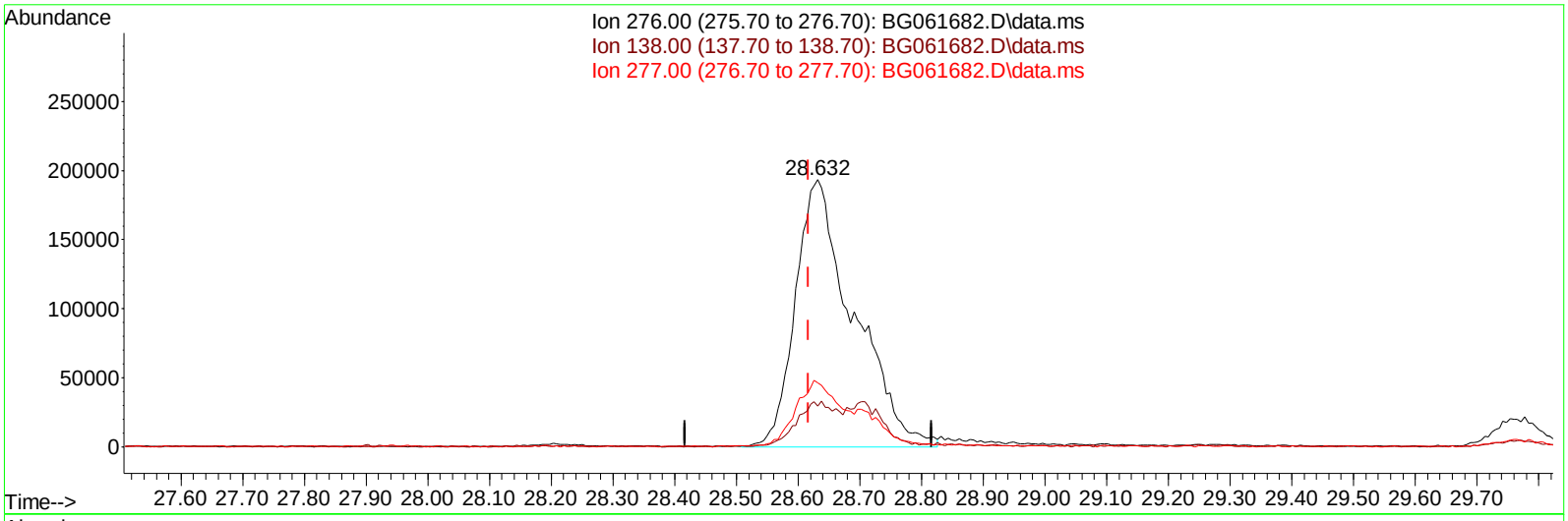
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061682.D
Acq On : 24 Jun 2024 19:36
Operator : MA/JU
Sample : P2776-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

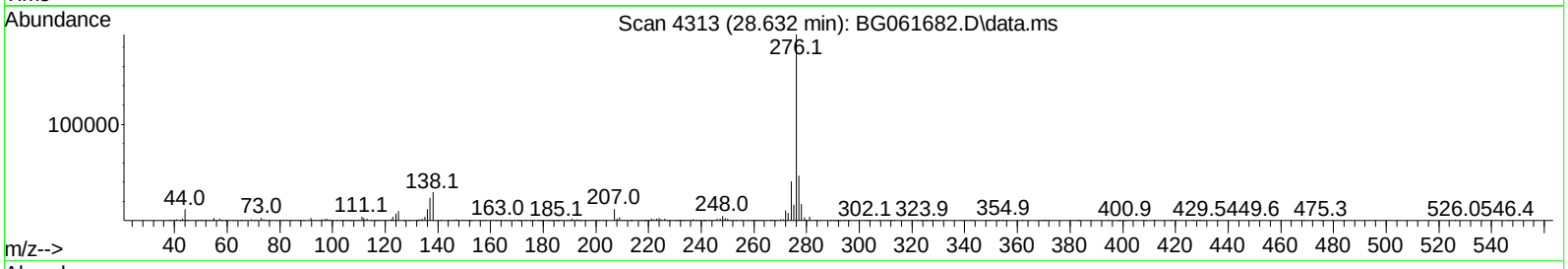
Quant Time: Jun 24 23:34:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

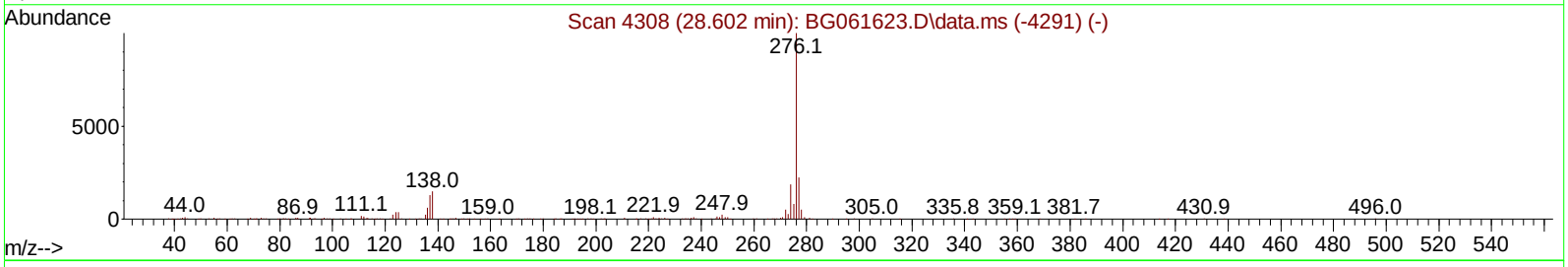
Instrument :
BNA_G
ClientSampleId :
A4CY6MS

Manual IntegrationsAPPROVED

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







TIC: BG061682.D\data.ms

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

28.632min (+ 0.015) 33.70 ng/ul m

response 1264490

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	15.26
277.00	24.60	24.04
0.00	0.00	0.00

Quantitation Report (Qedit)

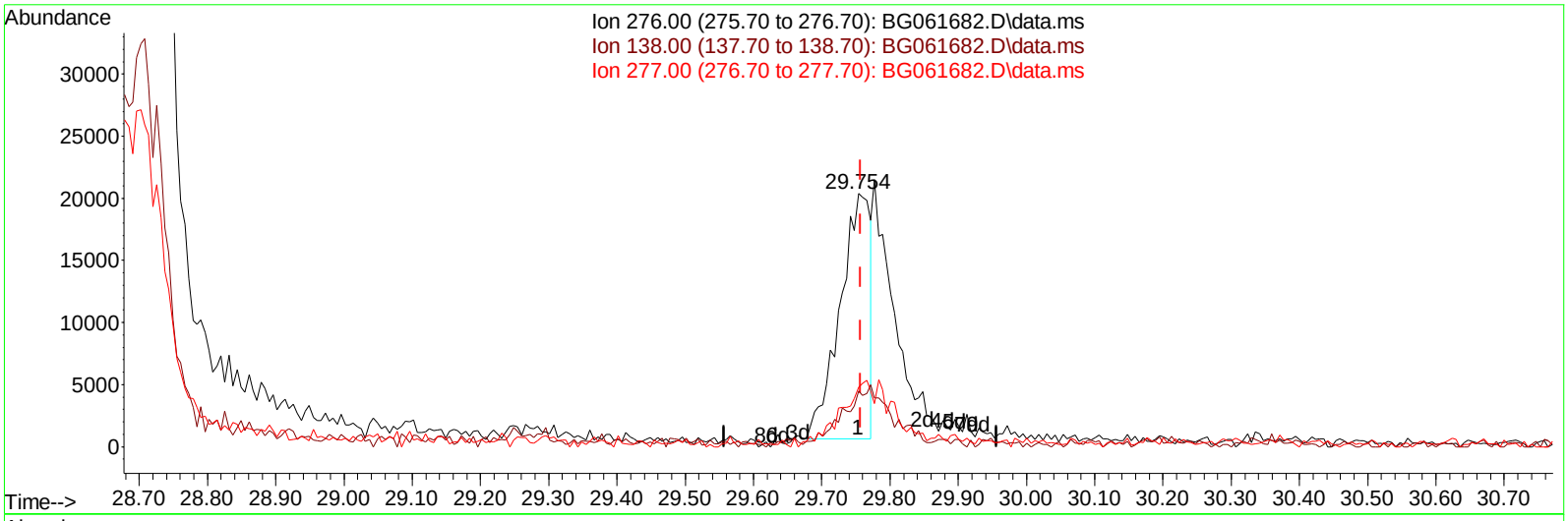
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061682.D
Acq On : 24 Jun 2024 19:36
Operator : MA/JU
Sample : P2776-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

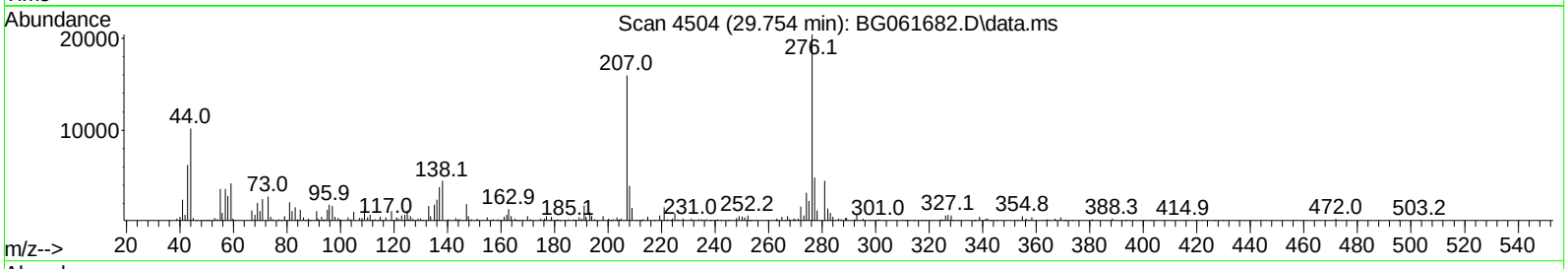
Quant Time: Jun 24 23:34:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

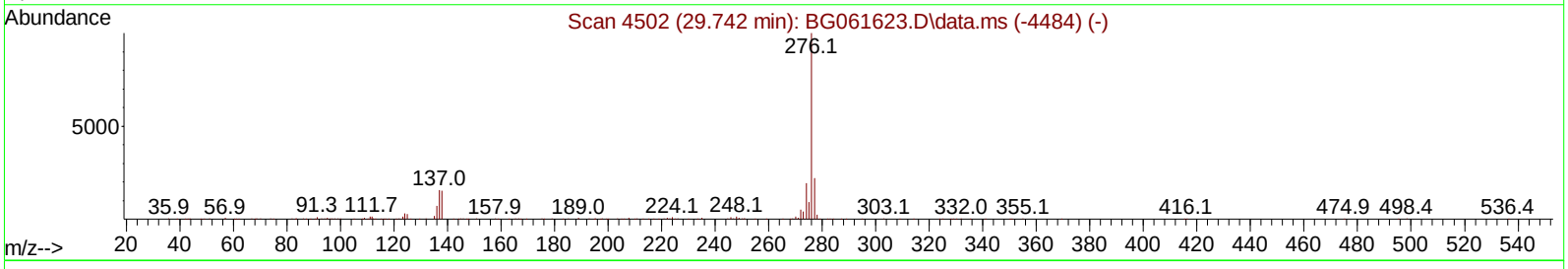
Instrument :
BNA_G
ClientSampleId :
A4CY6MS

Manual IntegrationsAPPROVED

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







TIC: BG061682.D\data.ms

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

29.754min (-0.003) 2.01 ng/ul

response 60854

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	21.93#
277.00	23.20	23.48
0.00	0.00	0.00

Quantitation Report (Qedit)

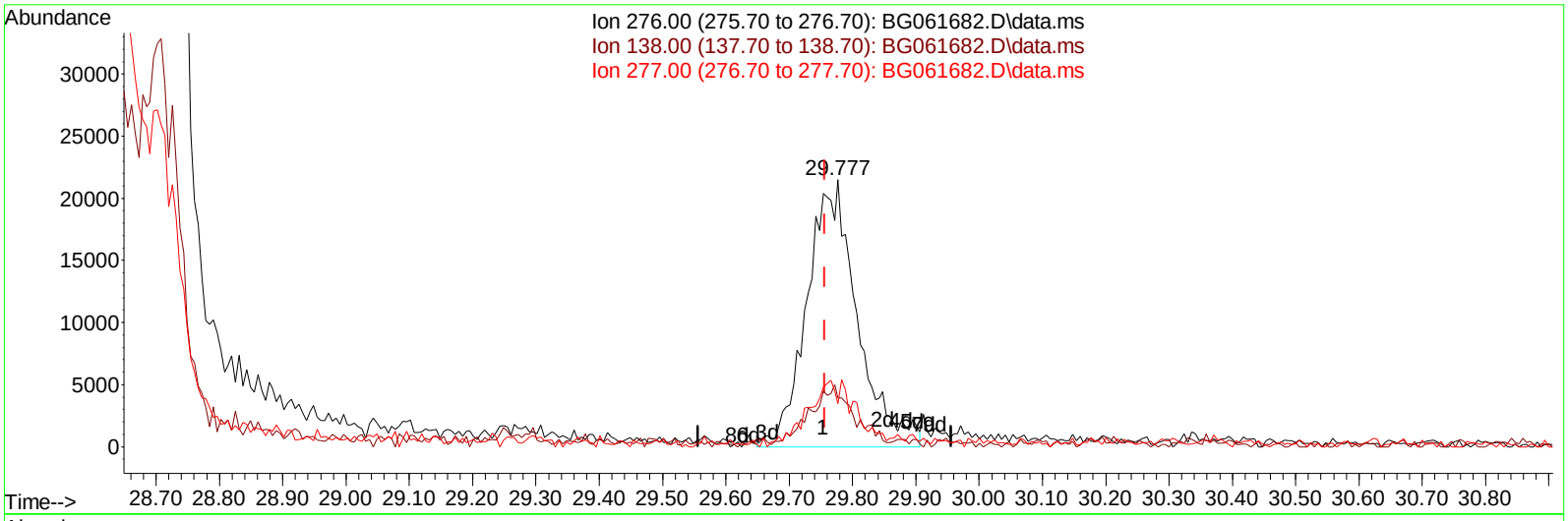
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061682.D
Acq On : 24 Jun 2024 19:36
Operator : MA/JU
Sample : P2776-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

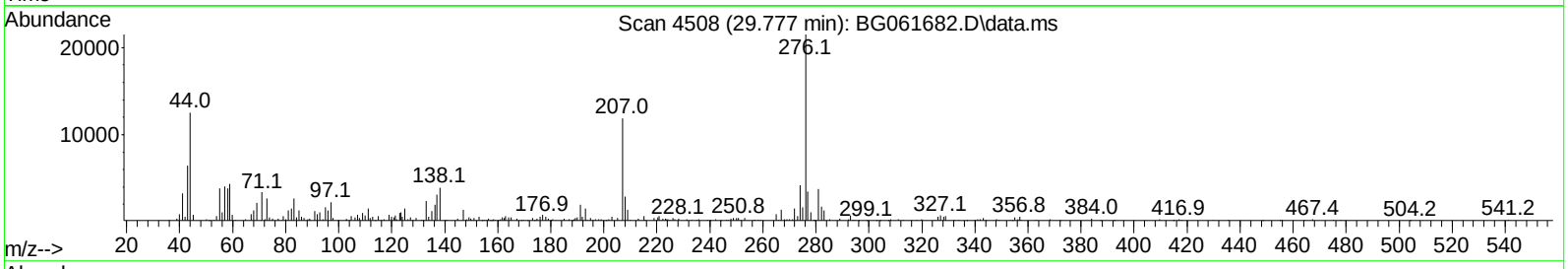
Quant Time: Jun 24 23:34:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

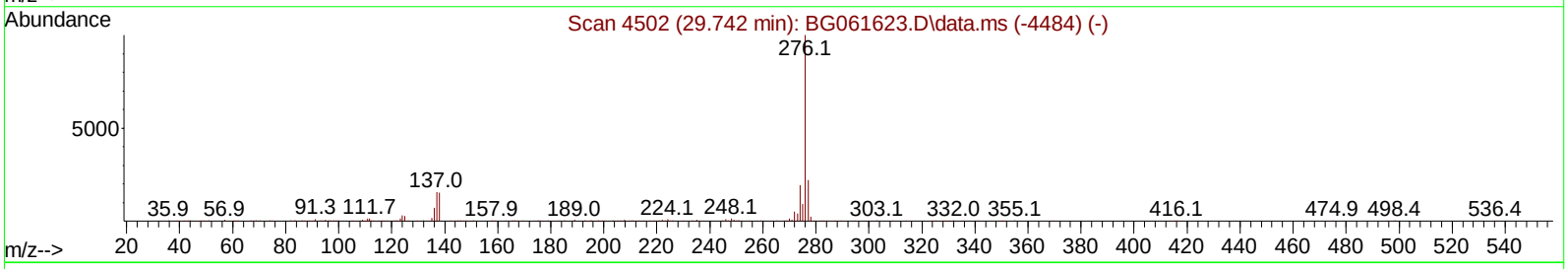
Instrument :
BNA_G
ClientSampleId :
A4CY6MS

Manual IntegrationsAPPROVED

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







TIC: BG061682.D\data.ms

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

29.777min (+ 0.021) 3.92 ng/ul m

response 118440

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	18.32
277.00	23.20	16.20#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061682.D
Acq On : 24 Jun 2024 19:36
Operator : MA/JU
Sample : P2776-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 24 23:51:49 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 :
A4CY6MS

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)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	60019	20.000	ng/ul	0.00
20) Naphthalene-d8	10.888	136	309203	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.707	164	226987	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	532956	20.000	ng/ul	0.00
79) Chrysene-d12	21.716	240	437626	20.000	ng/ul	0.00
88) Perylene-d12	24.948	264	520318	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.473	96	6640	3.996	ng/uL	0.00
4) Pyridine-d5	3.890	84	50482	10.050	ng/ul	0.00
7) Phenol-d5	7.216	99	174262	26.745	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	101646	25.025	ng/ul	0.00
11) 2-Chlorophenol-d4	7.603	132	118491	26.501	ng/ul	0.00
15) 4-Methylphenol-d8	8.773	113	133812	26.566	ng/ul	0.00
21) Nitrobenzene-d5	9.243	128	64832	30.880	ng/ul	0.00
24) 2-Nitrophenol-d4	9.959	143	72533	34.111	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.500	165	155910	30.966	ng/ul	0.00
31) 4-Chloroaniline-d4	11.017	131	142148	18.647	ng/ul	0.00
46) Dimethylphthalate-d6	14.108	166	532189	30.467	ng/ul	0.00
49) Acenaphthylene-d8	14.401	160	566114	29.573	ng/ul	0.00
54) 4-Nitrophenol-d4	14.883	143	93935	31.313	ng/ul	0.01
60) Fluorene-d10	15.694	176	468128	30.613	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	91272	40.050	ng/ul	0.00
73) Anthracene-d10	17.545	188	750152	30.836	ng/ul	0.00
81) Pyrene-d10	19.824	212	743654	30.422	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.724	264	548214	22.060	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.508	88	22061	10.684	ng/uL#	78
5) Pyridine	3.914	79	76186	14.109	ng/ul	95
6) Benzaldehyde	7.216	77	82086	25.602	ng/ul	95
8) Phenol	7.245	94	251611	36.696	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.492	93	173174	33.556	ng/ul	96
12) 2-Chlorophenol	7.633	128	165814	36.964	ng/ul	95
13) 2-Methylphenol	8.508	108	176999	36.896	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.596	45	380528	36.091	ng/ul	97
16) Acetophenone	8.902	105	311199	37.521	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.884	70	164554	36.933	ng/ul	98
18) 4-Methylphenol	8.837	108	203480	37.861	ng/ul	96
19) Hexachloroethane	9.166	117	52884	29.403	ng/ul	93
22) Nitrobenzene	9.284	77	238237	39.390	ng/ul#	94
23) Isophorone	9.807	82	504232	36.251	ng/ul	100
25) 2-Nitrophenol	9.995	139	102907	46.282	ng/ul#	81
26) 2,4-Dimethylphenol	10.048	107	148678	23.908	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.294	93	290028	36.860	ng/ul#	94
29) 2,4-Dichlorophenol	10.529	162	189982	41.183	ng/ul	96
30) Naphthalene	10.941	128	613522	35.462	ng/ul	99
32) 4-Chloroaniline	11.041	127	177056	23.419	ng/ul	93
33) Hexachlorobutadiene	11.217	225	123076	38.624	ng/ul	96
34) Caprolactam	11.810	113	63878m	33.488	ng/ul	
35) 4-Chloro-3-methylphenol	12.151	107	261265	40.501	ng/ul	96

Quantitation Report (QT Reviewed)

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Instrument :
BNA_G
ClientSampleId :
A4CY6MS

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	460205	37.698	ng/ul	98
37) 1-Methylnaphthalene	12.756	142	485036	37.237	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.897	216	245906	38.279	ng/ul	97
40) Hexachlorocyclopentadiene	12.880	237	86908	22.738	ng/ul	99
41) 2,4,6-Trichlorophenol	13.132	196	182293	43.982	ng/ul	90
42) 2,4,5-Trichlorophenol	13.209	196	202376	44.798	ng/ul	94
43) 1,1'-Biphenyl	13.543	154	658366	40.041	ng/ul	98
44) 2-Chloronaphthalene	13.585	162	497338	39.378	ng/ul	97
45) 2-Nitroaniline	13.784	65	217207	50.237	ng/ul	98
47) Dimethylphthalate	14.160	163	673403	38.823	ng/ul	100
48) 2,6-Dinitrotoluene	14.278	165	145918	50.695	ng/ul#	93
50) Acenaphthylene	14.431	152	819206	38.337	ng/ul	99
51) 3-Nitroaniline	14.601	138	134855	45.750	ng/ul#	92
52) Acenaphthene	14.771	153	562002	37.977	ng/ul	94
53) 2,4-Dinitrophenol	14.807	184	77002	52.644	ng/ul	88
55) 4-Nitrophenol	14.901	109	138499	44.707	ng/ul	94
56) Dibenzofuran	15.100	168	828229	39.994	ng/ul	91
57) 2,4-Dinitrotoluene	15.059	165	221562	51.857	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.318	232	189237	42.721	ng/ul	96
59) Diethylphthalate	15.524	149	735097	41.148	ng/ul	97
61) Fluorene	15.753	166	674924	39.381	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.741	204	339214	39.871	ng/ul	99
63) 4-Nitroaniline	15.764	138	154751	49.556	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.817	198	131211	50.830	ng/ul#	92
67) N-Nitrosodiphenylamine	15.952	169	609932	44.255	ng/ul	95
68) 4-Bromophenyl-phenylether	16.640	248	245413	44.722	ng/ul	91
69) Hexachlorobenzene	16.746	284	226638	34.033	ng/ul	97
70) Atrazine	16.904	200	190495	34.604	ng/ul	95
71) Pentachlorophenol	17.086	266	167361	41.257	ng/ul	94
72) Phenanthrene	17.492	178	1214760	43.325	ng/ul	98
74) Anthracene	17.586	178	1128759	39.367	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.502	216	273273	46.022	ng/uL	94
76) Pentachlorobenzene	15.018	250	254684	35.717	ng/uL	91
77) Carbazole	17.850	167	956769	39.300	ng/ul	99
78) Di-n-butylphthalate	18.408	149	1333529	45.799	ng/ul	99
80) Fluoranthene	19.495	202	1418824	50.023	ng/ul	99
82) Pyrene	19.854	202	1208574	40.074	ng/ul	99
83) Butylbenzylphthalate	20.747	149	570563	51.961	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.605	252	308982	33.391	ng/ul	98
85) Benzo(a)anthracene	21.693	228	1370431	44.612	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.610	149	832996	51.608	ng/ul	100
87) Chrysene	21.763	228	1311761	45.129	ng/ul	100
89) Di-n-octyl phthalate	22.844	149	1422481	51.833	ng/ul	100
90) Benzo(b)fluoranthene	23.925	252	1427564	45.641	ng/ul	98
91) Benzo(k)fluoranthene	23.990	252	1366203	42.472	ng/ul	99
93) Benzo(a)pyrene	24.789	252	675394	22.429	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.632	276	1264490m	33.699	ng/ul	
95) Dibenzo(a,h)anthracene	28.714	278	1336481	42.833	ng/ul	98
96) Benzo(g,h,i)perylene	29.777	276	118440m	3.916	ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
A4CY6MS

Manual IntegrationsAPPROVED

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061682.D
Acq On : 24 Jun 2024 19:36
Operator : MA/JU
Sample : P2776-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 24 23:51:49 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 :
A4CY6MS

Manual IntegrationsAPPROVED

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