Quantitation Report (Qedit)

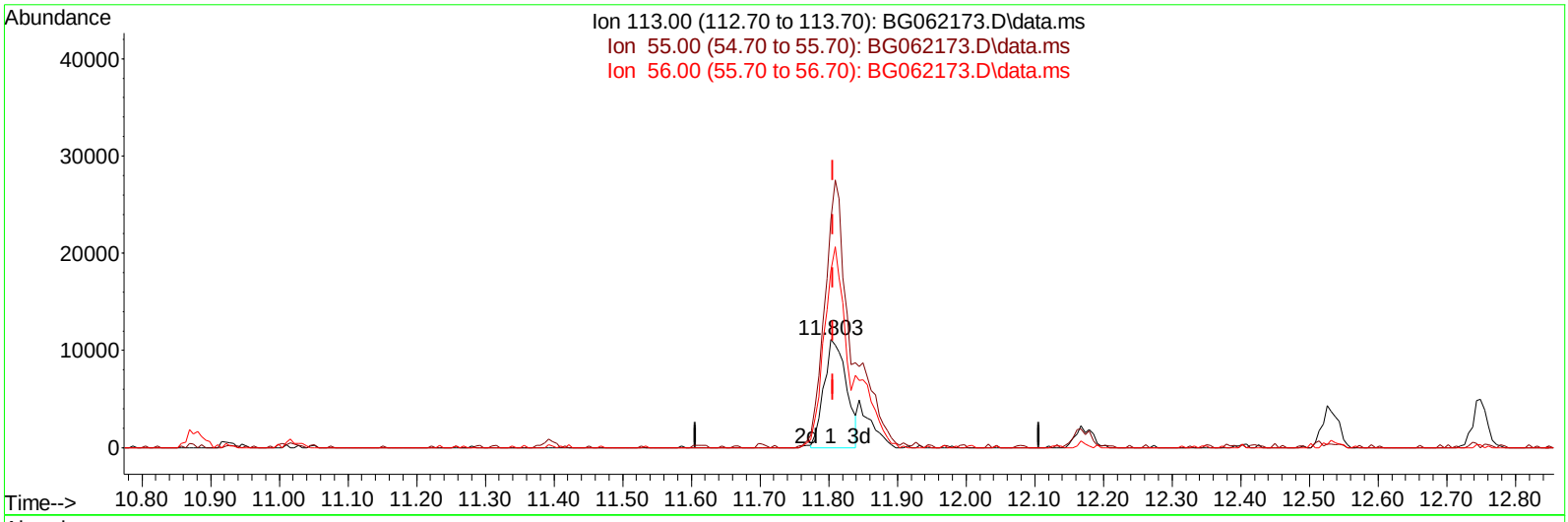
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062173.D
Acq On : 22 Jul 2024 23:00
Operator : MA/JU
Sample : P3201-26MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

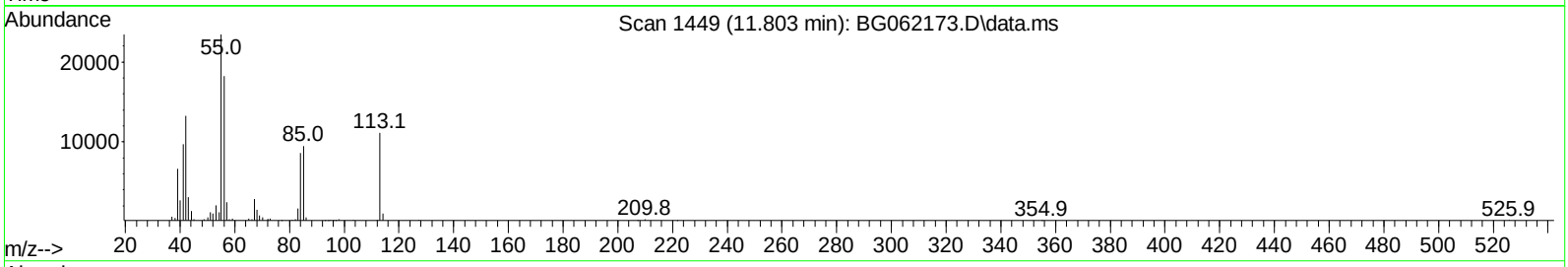
Quant Time: Jul 22 23:53:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

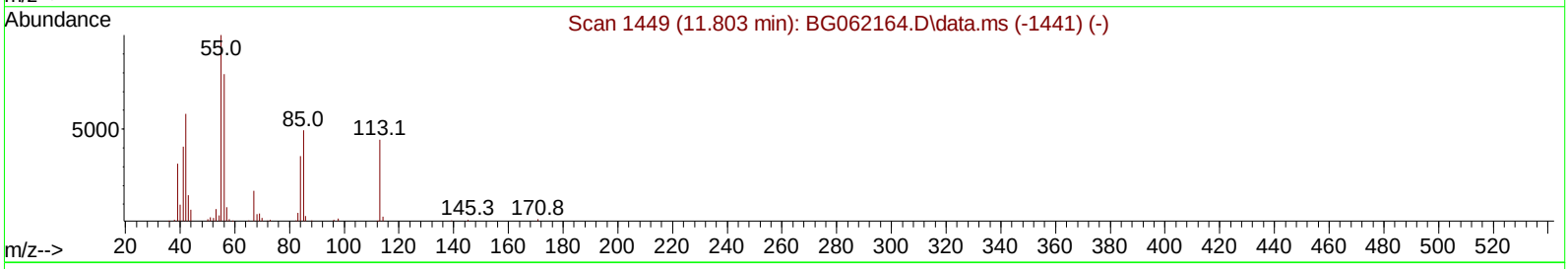
Instrument :
BNA_G
ClientSampleId :
A4CK6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024







TIC: BG062173.D\data.ms

(34) Caprolactam

11.803min (-0.003) 24.27 ng/ul

response 25266

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.00	211.10
56.00	175.40	164.12
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
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BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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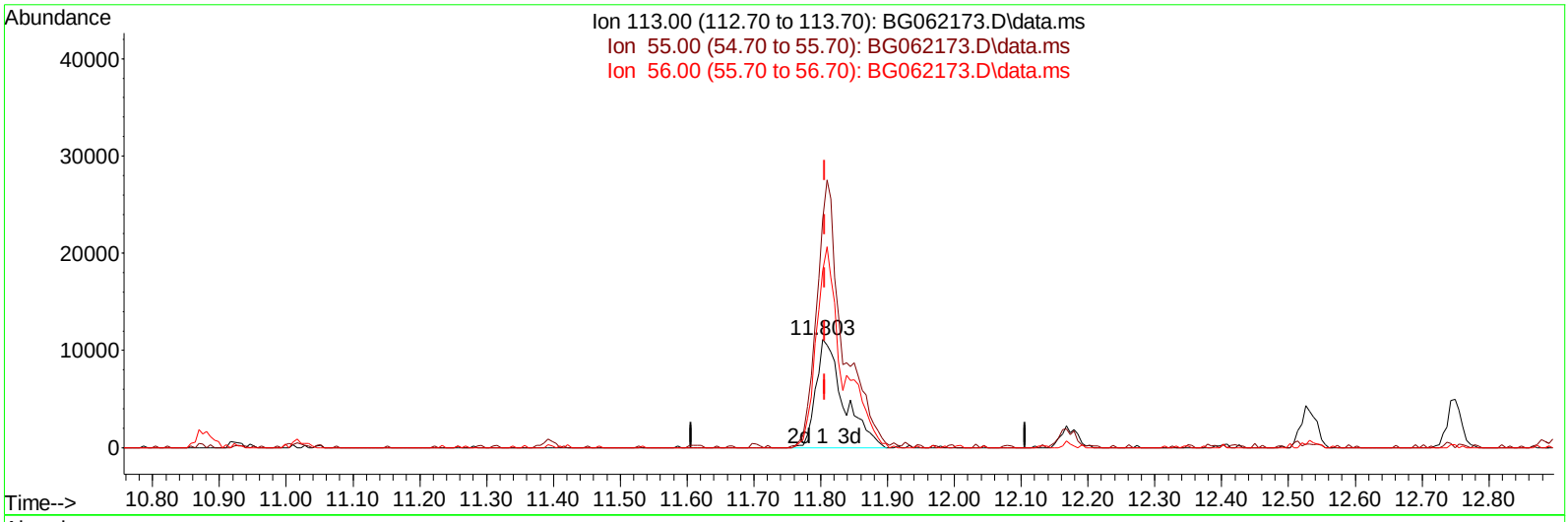

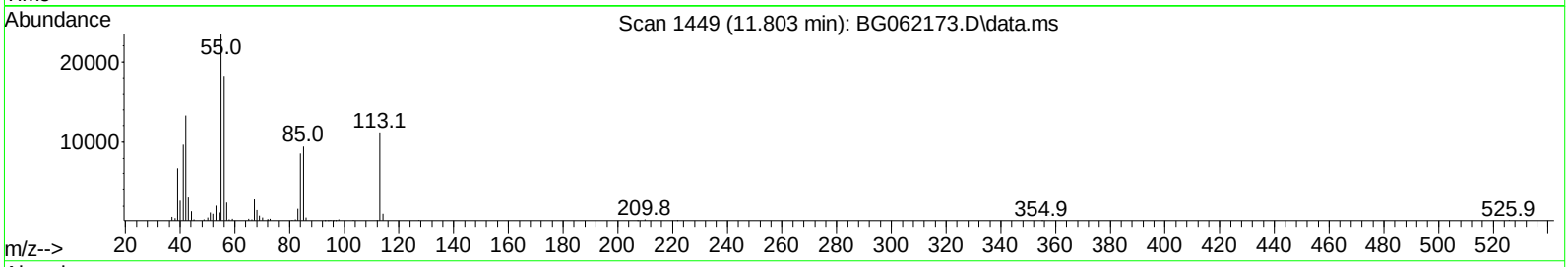

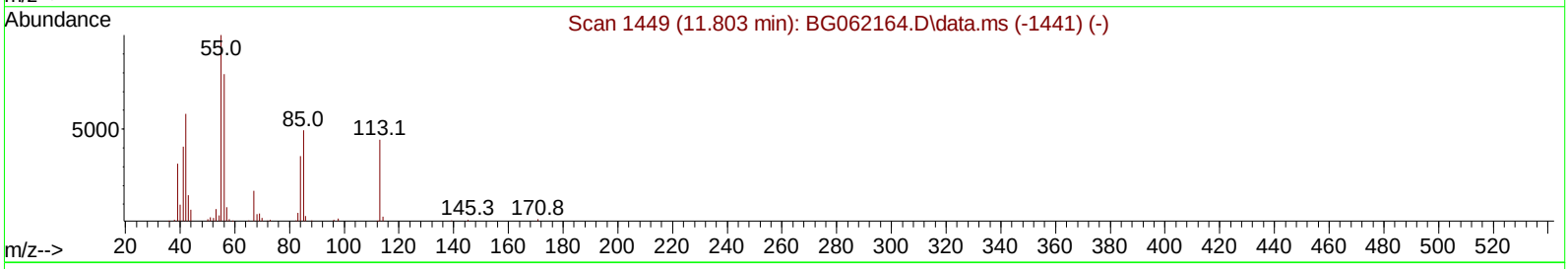

TIC: BG062173.D\data.ms

(34) Caprolactam

11.803min (-0.003) 31.10 ng/ul m

response 32383

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.00	211.10
56.00	175.40	164.12
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062173.D
Acq On : 22 Jul 2024 23:00
Operator : MA/JU
Sample : P3201-26MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 22 23:53:35 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
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Instrument :
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ClientSampleId :
A4CK6MSD

Manual IntegrationsAPPROVED

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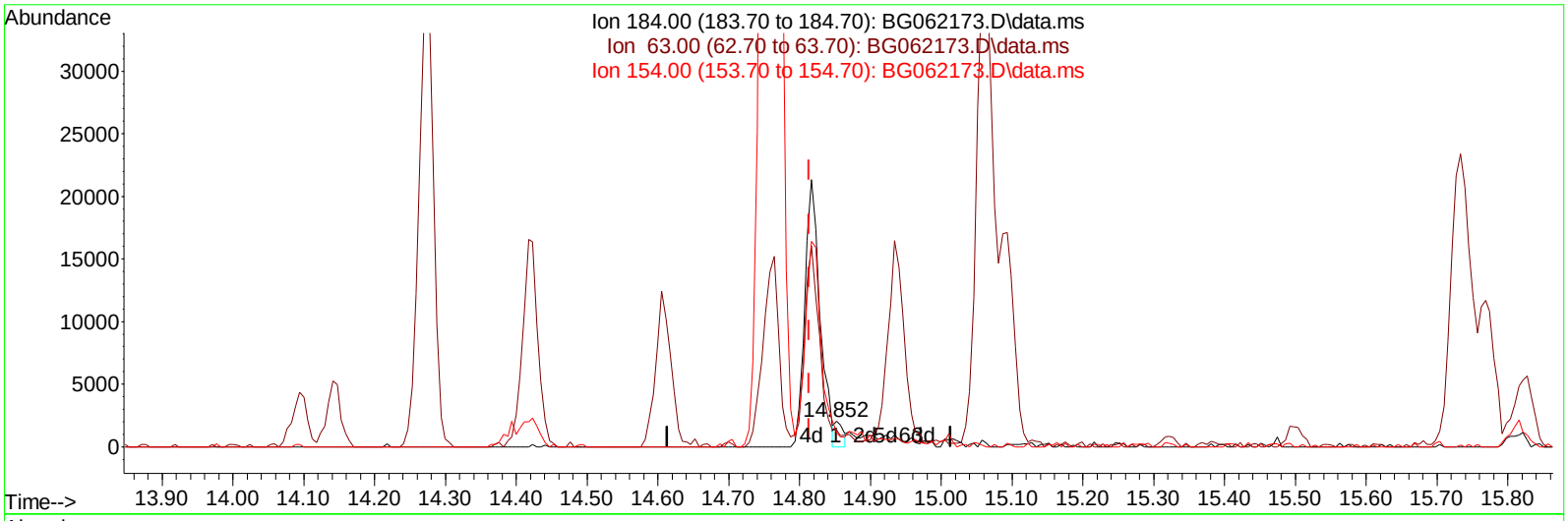

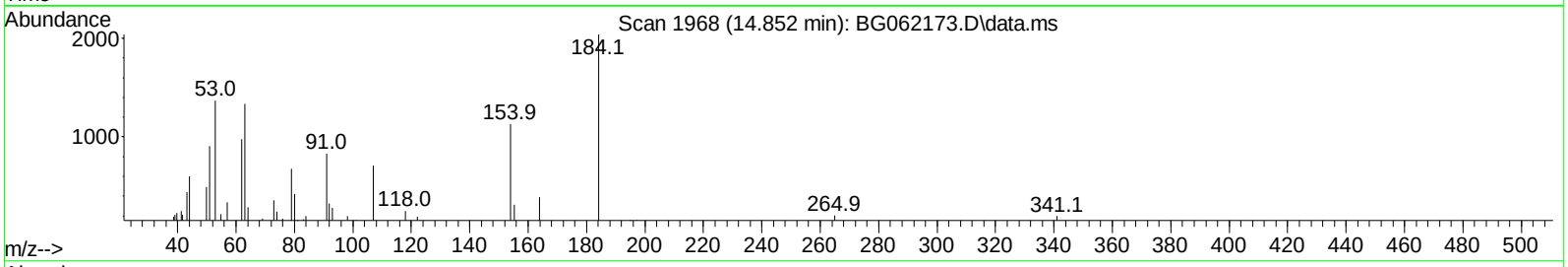

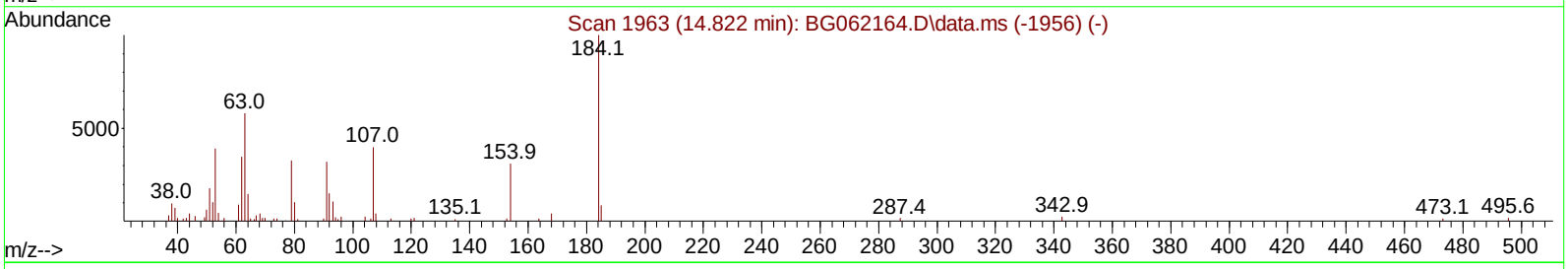

TIC: BG062173.D\data.ms

(53) 2,4-Dinitrophenol

14.852min (+ 0.038) 1.39 ng/ul

response 1692

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	66.20	65.46
154.00	51.40	55.59
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062173.D
Acq On : 22 Jul 2024 23:00
Operator : MA/JU
Sample : P3201-26MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 22 23:53:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CK6MSD

Manual IntegrationsAPPROVED

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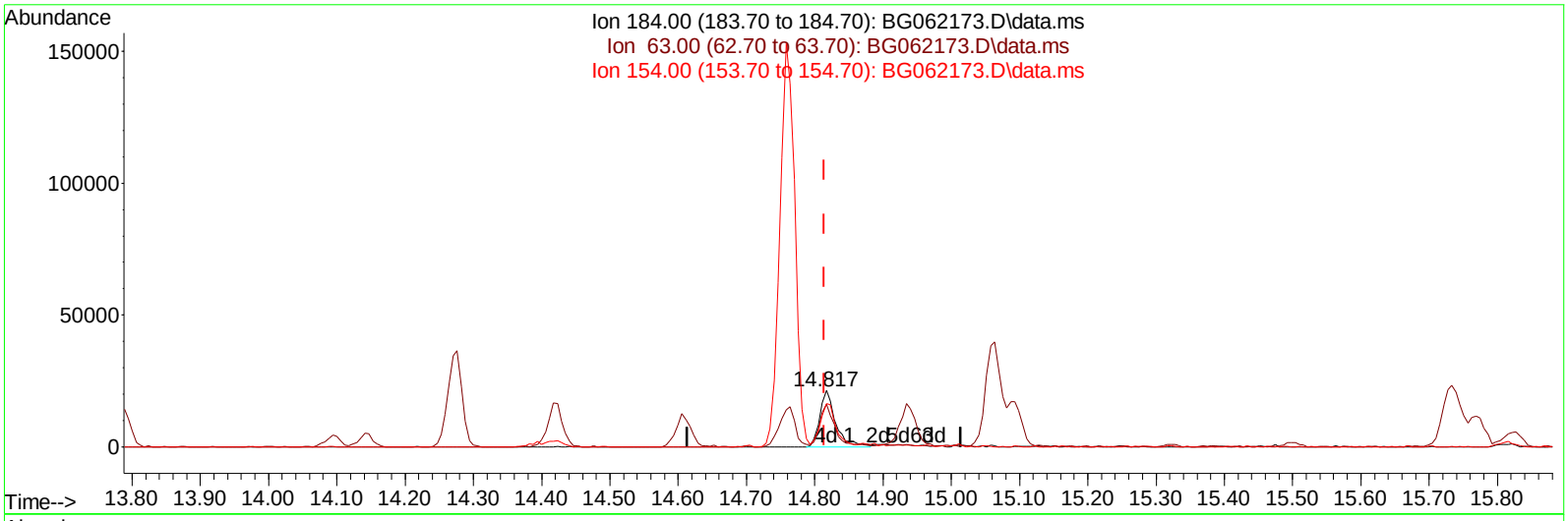

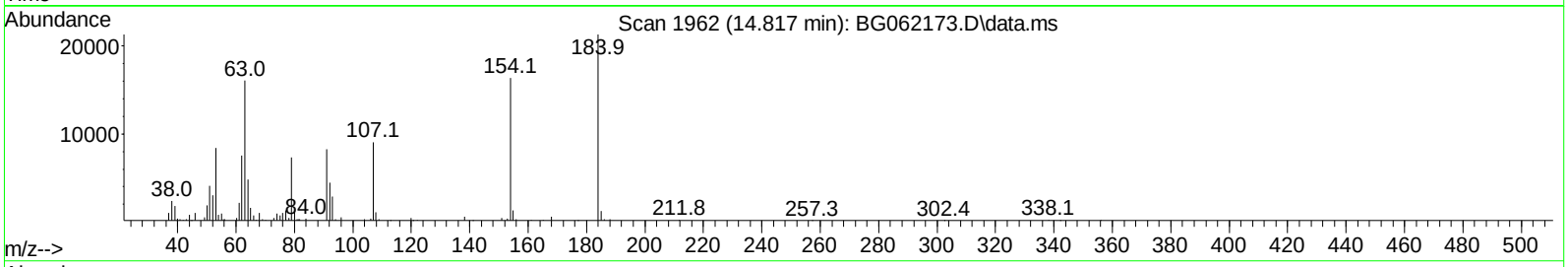

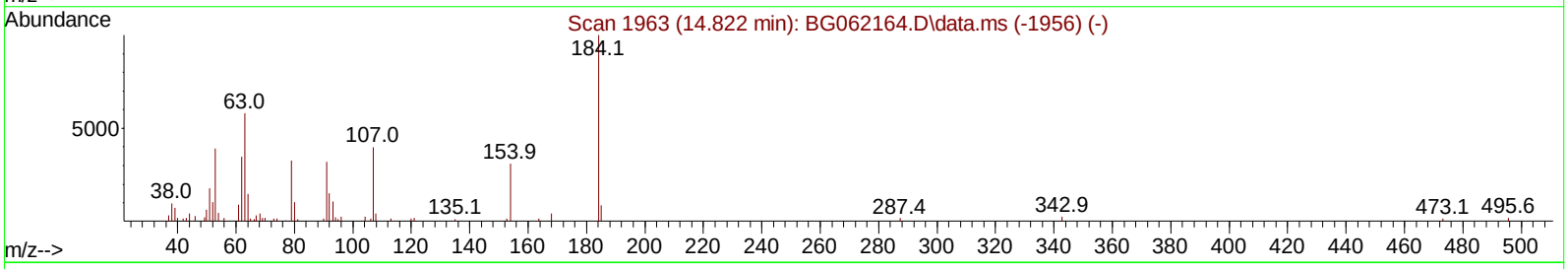

TIC: BG062173.D\data.ms

(53) 2,4-Dinitrophenol

14.817min (+ 0.003) 28.21 ng/ul m

response 34351

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	66.20	75.37
154.00	51.40	76.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062173.D
Acq On : 22 Jul 2024 23:00
Operator : MA/JU
Sample : P3201-26MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 22 23:53:35 2024
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Instrument :
BNA_G
ClientSampleId :
A4CK6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
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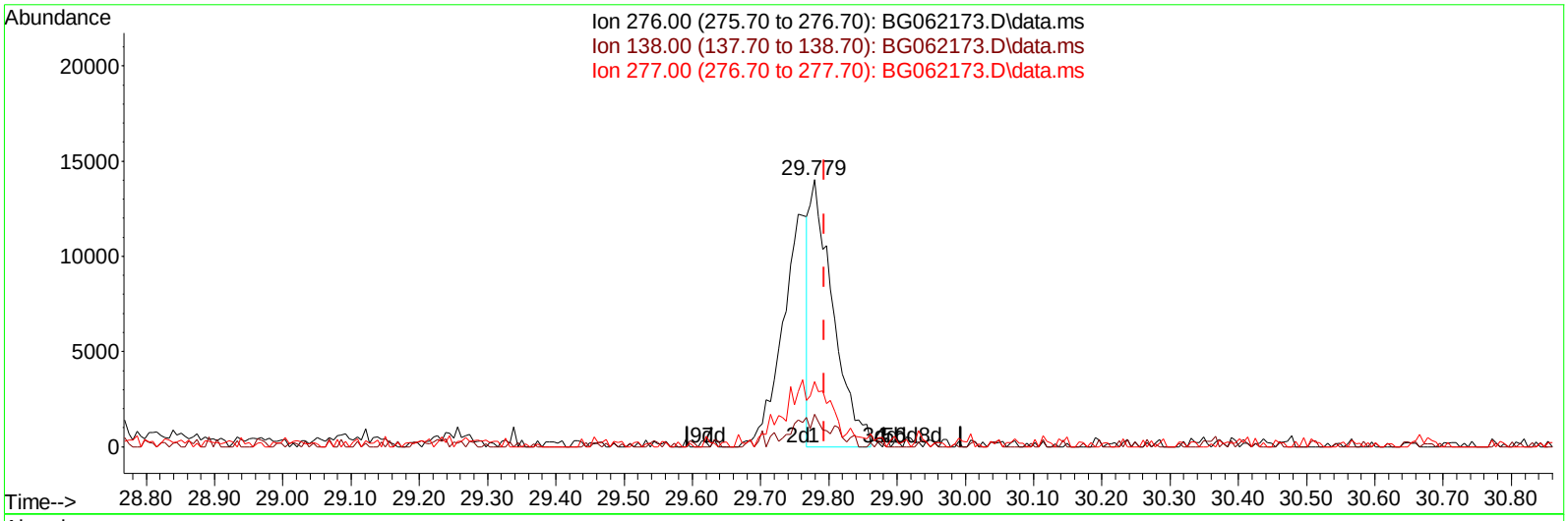

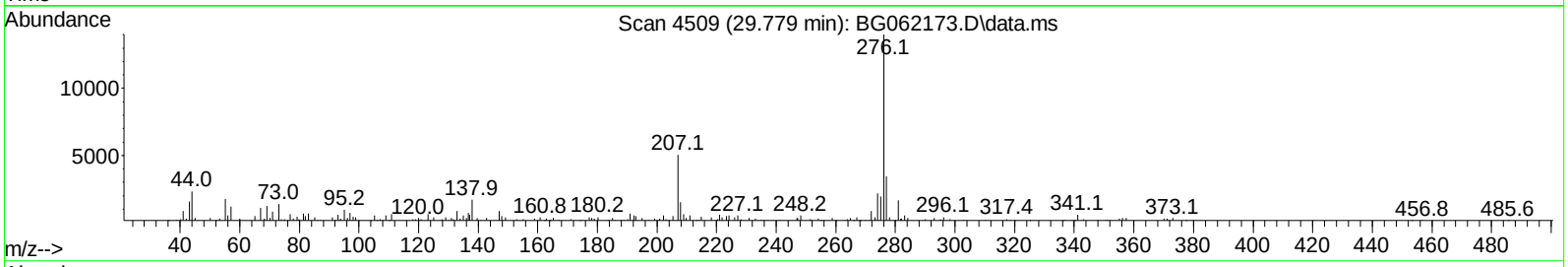

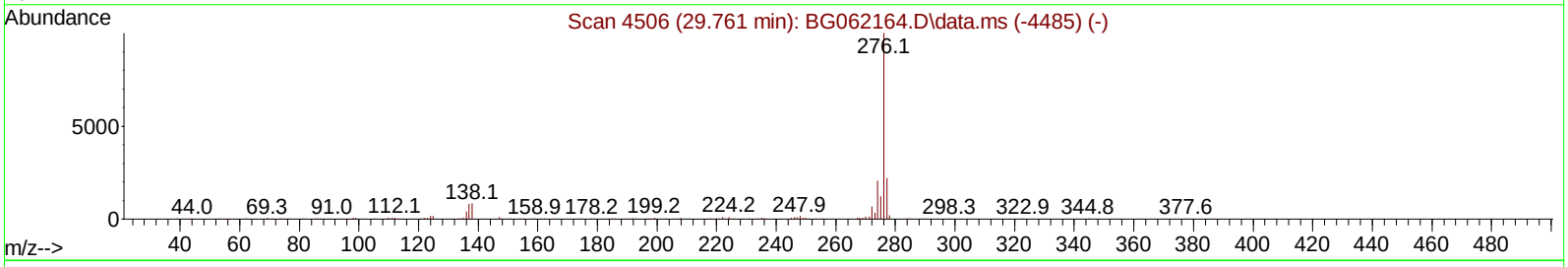

TIC: BG062173.D\data.ms

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

29.779min (-0.015) 1.69 ng/ul

response 33414

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.80	12.09#
277.00	22.40	24.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062173.D
Acq On : 22 Jul 2024 23:00
Operator : MA/JU
Sample : P3201-26MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 22 23:53:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CK6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
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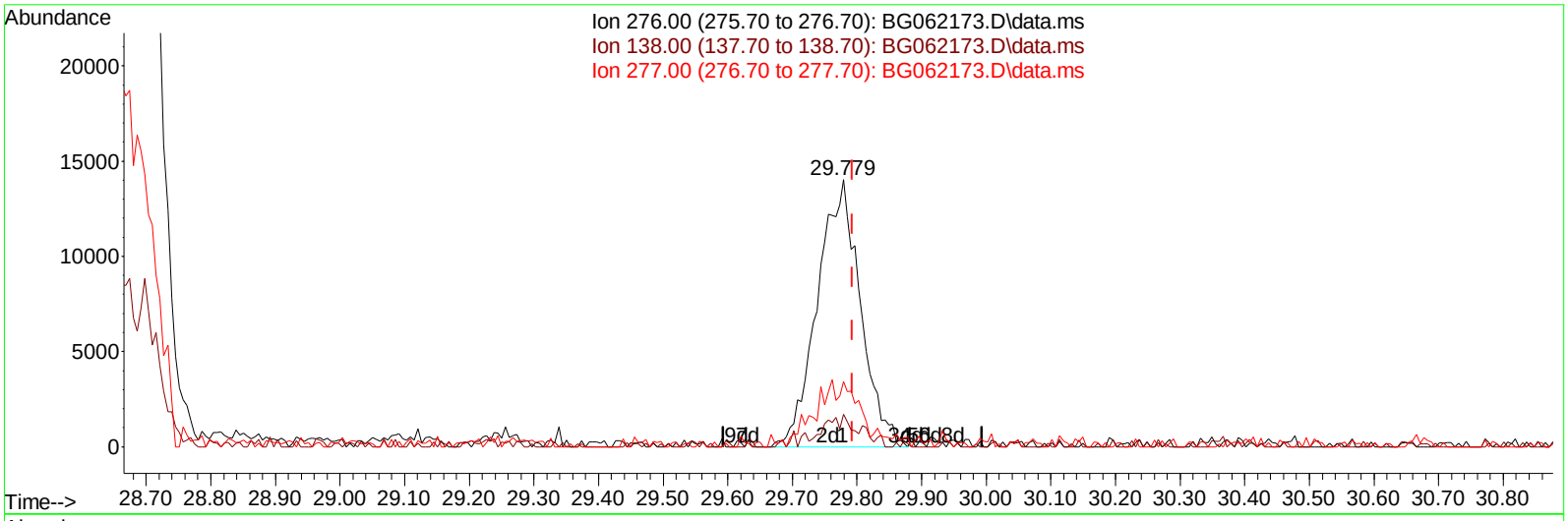

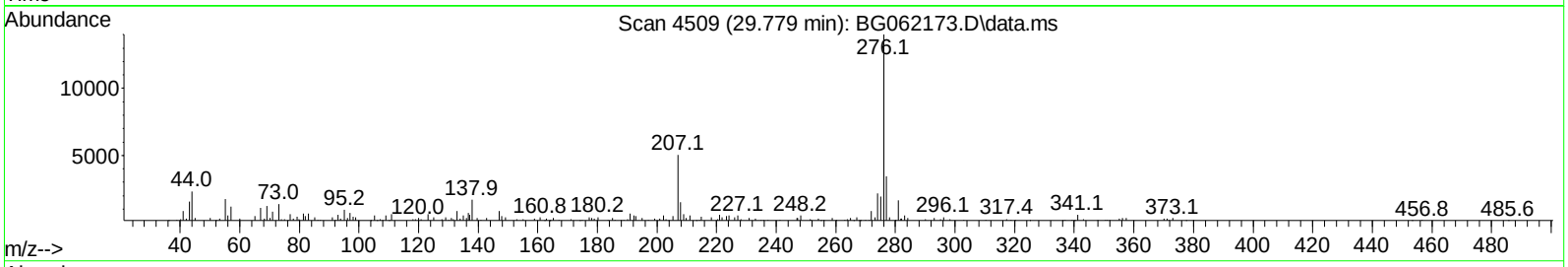

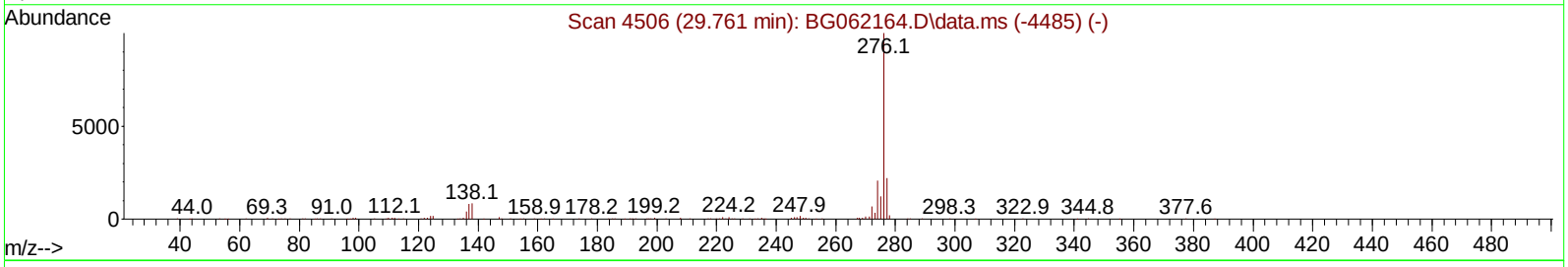

TIC: BG062173.D\data.ms

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

29.779min (-0.015) 3.26 ng/ul m

response 64438

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.80	12.09#
277.00	22.40	24.40
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062173.D
Acq On : 22 Jul 2024 23:00
Operator : MA/JU
Sample : P3201-26MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 22 23:55:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CK6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	40361	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	159881	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.699	164	137624	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.437	188	367836	20.000	ng/ul	0.00
79) Chrysene-d12	21.707	240	357515	20.000	ng/ul	0.00
88) Perylene-d12	24.933	264	371830	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.462	96	3407	3.941	ng/uL	0.00
4) Pyridine-d5	3.879	84	29288	9.324	ng/ul	0.00
7) Phenol-d5	7.239	99	87121	21.926	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.386	67	52079	22.811	ng/ul	0.00
11) 2-Chlorophenol-d4	7.603	132	57050	22.782	ng/ul	0.00
15) 4-Methylphenol-d8	8.790	113	61689	20.385	ng/ul	0.00
21) Nitrobenzene-d5	9.236	128	30618	24.037	ng/ul	0.00
24) 2-Nitrophenol-d4	9.959	143	37320	24.342	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.511	165	85644	26.685	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	79995	20.720	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	293493	25.160	ng/ul	0.00
49) Acenaphthylene-d8	14.394	160	306191	25.886	ng/ul	0.00
54) 4-Nitrophenol-d4	14.923	143	36814	26.189	ng/ul	0.00
60) Fluorene-d10	15.686	176	269252	27.110	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	58598	25.068	ng/ul	0.00
73) Anthracene-d10	17.537	188	445811	25.945	ng/ul	0.00
81) Pyrene-d10	19.822	212	487105	24.030	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.709	264	339663	18.274	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.491	88	10381	9.161	ng/uL#	69
5) Pyridine	3.896	79	40683	12.658	ng/ul#	80
6) Benzaldehyde	7.204	77	56558	27.112	ng/ul	96
8) Phenol	7.268	94	106772	27.236	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.480	93	72441	26.827	ng/ul	93
12) 2-Chlorophenol	7.632	128	70884	27.881	ng/ul	94
13) 2-Methylphenol	8.514	108	71125	24.213	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.584	45	126260	26.422	ng/ul	99
16) Acetophenone	8.895	105	147055	27.835	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.872	70	77257	25.556	ng/ul	89
18) 4-Methylphenol	8.848	108	84454	26.073	ng/ul	94
19) Hexachloroethane	9.148	117	23821	20.930	ng/ul#	86
22) Nitrobenzene	9.277	77	118289	28.717	ng/ul	98
23) Isophorone	9.794	82	224185	26.829	ng/ul	100
25) 2-Nitrophenol	9.994	139	50637	31.231	ng/ul#	89
26) 2,4-Dimethylphenol	10.053	107	28258	7.263	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.276	93	105604	27.157	ng/ul	99
29) 2,4-Dichlorophenol	10.534	162	92814	30.441	ng/ul	95
30) Naphthalene	10.934	128	260607	30.216	ng/ul	100
32) 4-Chloroaniline	11.045	127	74621	20.562	ng/ul#	85
33) Hexachlorobutadiene	11.198	225	88168	30.433	ng/ul	95
34) Caprolactam	11.803	113	32383m	31.105	ng/ul	
35) 4-Chloro-3-methylphenol	12.173	107	115504	31.592	ng/ul	97

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Instrument :
BNA_G
ClientSampleId :
A4CK6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.532	142	199636	30.661	ng/ul	94
37) 1-Methylnaphthalene	12.749	142	200533	29.869	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.890	216	166606	30.021	ng/ul	97
40) Hexachlorocyclopentadiene	12.861	237	27576	10.132	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.137	196	102422	32.902	ng/ul	86
42) 2,4,5-Trichlorophenol	13.219	196	114248	33.716	ng/ul	99
43) 1,1'-Biphenyl	13.530	154	299876	30.783	ng/ul	98
44) 2-Chloronaphthalene	13.577	162	241243	30.119	ng/ul	97
45) 2-Nitroaniline	13.789	65	96640	32.740	ng/ul	97
47) Dimethylphthalate	14.141	163	324423	29.208	ng/ul	97
48) 2,6-Dinitrotoluene	14.276	165	69888	30.725	ng/ul	89
50) Acenaphthylene	14.423	152	388114	30.098	ng/ul	98
51) 3-Nitroaniline	14.611	138	62092	33.791	ng/ul#	97
52) Acenaphthene	14.758	153	265358	31.002	ng/ul	99
53) 2,4-Dinitrophenol	14.817	184	34351m	28.209	ng/ul	
55) 4-Nitrophenol	14.940	109	70821	32.916	ng/ul	93
56) Dibenzofuran	15.093	168	425932	33.046	ng/ul	99
57) 2,4-Dinitrotoluene	15.063	165	112709	32.292	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.322	232	97972	32.861	ng/ul#	93
59) Diethylphthalate	15.498	149	330525	30.096	ng/ul	99
61) Fluorene	15.739	166	353352	31.971	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.727	204	211223	30.861	ng/ul	98
63) 4-Nitroaniline	15.774	138	67050	34.099	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.827	198	75796	34.536	ng/ul	95
67) N-Nitrosodiphenylamine	15.945	169	299020	33.232	ng/ul	99
68) 4-Bromophenyl-phenylether	16.620	248	138678	32.376	ng/ul	93
69) Hexachlorobenzene	16.738	284	116647	25.662	ng/ul	99
70) Atrazine	16.890	200	111168	24.517	ng/ul	98
71) Pentachlorophenol	17.096	266	40805	24.344	ng/ul	98
72) Phenanthrene	17.484	178	665486	37.596	ng/ul	98
74) Anthracene	17.578	178	552668	30.328	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.495	216	167278	31.749	ng/ul	92
76) Pentachlorobenzene	15.011	250	162145	31.096	ng/ul	98
77) Carbazole	17.848	167	458402	29.586	ng/ul	99
78) Di-n-butylphthalate	18.383	149	559080	31.475	ng/ul	99
80) Fluoranthene	19.487	202	903298	38.845	ng/ul	99
82) Pyrene	19.851	202	725990	30.026	ng/ul	99
83) Butylbenzylphthalate	20.721	149	240791	33.561	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.596	252	220605	28.431	ng/ul	94
85) Benzo(a)anthracene	21.684	228	854260	34.043	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.566	149	340916	33.146	ng/ul	95
87) Chrysene	21.754	228	804880	34.888	ng/ul	99
89) Di-n-octyl phthalate	22.777	149	567783	33.193	ng/ul	100
90) Benzo(b)fluoranthene	23.910	252	789592	34.371	ng/ul	98
91) Benzo(k)fluoranthene	23.975	252	765374	33.377	ng/ul	99
93) Benzo(a)pyrene	24.786	252	350611	16.297	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.622	276	637012	25.771	ng/ul	93
95) Dibenzo(a,h)anthracene	28.698	278	720803	35.168	ng/ul#	96
96) Benzo(g,h,i)perylene	29.779	276	64438m	3.256	ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
A4CK6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062173.D
Acq On : 22 Jul 2024 23:00
Operator : MA/JU
Sample : P3201-26MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 22 23:55:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CK6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024