Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062082.D
Acq On : 16 Jul 2024 00:51
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 16 02:00:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020572

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.044	152	42585	20.000	ng/ul		0.00
20) Naphthalene-d8	10.864	136	209605	20.000	ng/ul		0.01
38) Acenaphthene-d10	14.677	164	145865	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.427	188	325550	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.686	240	282635	20.000	ng/ul	#	0.00
88) Perylene-d12	24.906	264	322153m	20.000	ng/ul		0.03
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.443	96	6665	5.881	ng/uL		0.00
4) Pyridine-d5	3.866	84	53814	15.444	ng/ul		0.00
7) Phenol-d5	7.221	99	81771	17.546	ng/ul		0.03
9) Bis-(2-Chloroethyl)eth...	7.368	67	42914	14.541	ng/ul		0.00
11) 2-Chlorophenol-d4	7.579	132	57993	18.141	ng/ul		0.00
15) 4-Methylphenol-d8	8.766	113	63602	17.333	ng/ul		0.02
21) Nitrobenzene-d5	9.213	128	29595	18.565	ng/ul		0.00
24) 2-Nitrophenol-d4	9.936	143	36479	20.038	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.482	165	69422	19.771	ng/ul		0.01
31) 4-Chloroaniline-d4	10.999	131	88659	17.391	ng/ul		0.01
46) Dimethylphthalate-d6	14.078	166	204055	17.016	ng/ul		0.00
49) Acenaphthylene-d8	14.377	160	226534	18.066	ng/ul		0.00
54) 4-Nitrophenol-d4	14.900	143	28487	14.875	ng/ul		0.03
60) Fluorene-d10	15.670	176	178259	17.657	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	25440	14.880	ng/ul		0.01
73) Anthracene-d10	17.527	188	277995	18.290	ng/ul		0.00
81) Pyrene-d10	19.806	212	298422	17.951	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.695	264	295871	18.518	ng/ul		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.473	88	8431m	6.741	ng/uL		
5) Pyridine	3.884	79	53926	15.091	ng/ul		95
6) Benzaldehyde	7.186	77	44254	17.942	ng/ul		93
8) Phenol	7.245	94	81556	17.093	ng/ul#		88
10) Bis(2-Chloroethyl)ether	7.462	93	53175	14.507	ng/ul		91
12) 2-Chlorophenol	7.609	128	58165	17.859	ng/ul		94
13) 2-Methylphenol	8.502	108	58588	17.204	ng/ul		95
14) 2,2'-oxybis(1-Chloropr...	8.561	45	113871	14.220	ng/ul#		95
16) Acetophenone	8.872	105	99720	16.452	ng/ul		97
17) N-Nitroso-di-n-propyla...	8.849	70	51046	15.043	ng/ul#		95
18) 4-Methylphenol	8.831	108	64156	16.822	ng/ul		96
19) Hexachloroethane	9.131	117	27588	19.527	ng/ul		87
22) Nitrobenzene	9.260	77	82185	18.162	ng/ul#		96
23) Isophorone	9.777	82	150392	14.711	ng/ul#		96
25) 2-Nitrophenol	9.965	139	36586	19.707	ng/ul		90
26) 2,4-Dimethylphenol	10.030	107	80058	18.018	ng/ul		93
27) Bis(2-Chloroethoxy)met...	10.259	93	81664	14.506	ng/ul		99
29) 2,4-Dichlorophenol	10.511	162	63803	19.344	ng/ul		94
30) Naphthalene	10.911	128	207658	18.036	ng/ul#		95
32) 4-Chloroaniline	11.022	127	85692	17.131	ng/ul		99
33) Hexachlorobutadiene	11.175	225	57387	23.121	ng/ul		99
34) Caprolactam	11.798	113	20336m	15.737	ng/ul		
35) 4-Chloro-3-methylphenol	12.156	107	78713	17.918	ng/ul		93
36) 2-Methylnaphthalene	12.509	142	144770	17.356	ng/ul		87

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Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.732	142	154634	17.839	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.873	216	88645	20.237	ng/ul	99
40) Hexachlorocyclopentadiene	12.844	237	20334	6.973	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.126	196	55414	19.046	ng/ul#	96
42) 2,4,5-Trichlorophenol	13.202	196	60803	19.025	ng/ul	96
43) 1,1'-Biphenyl	13.514	154	204938	18.235	ng/ul#	98
44) 2-Chloronaphthalene	13.561	162	156869	18.598	ng/ul	94
45) 2-Nitroaniline	13.766	65	66858	19.793	ng/ul	93
47) Dimethylphthalate	14.125	163	196693	17.052	ng/ul	97
48) 2,6-Dinitrotoluene	14.260	165	40319	18.426	ng/ul#	89
50) Acenaphthylene	14.401	152	241078	17.517	ng/ul	99
51) 3-Nitroaniline	14.589	138	37426	17.571	ng/ul	93
52) Acenaphthene	14.742	153	164784	17.340	ng/ul	96
53) 2,4-Dinitrophenol	14.800	184	19944m	17.446	ng/ul	
55) 4-Nitrophenol	14.912	109	39445	18.047	ng/ul	91
56) Dibenzofuran	15.077	168	238518	17.759	ng/ul	99
57) 2,4-Dinitrotoluene	15.041	165	59699	18.603	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.306	232	50560	17.519	ng/ul#	90
59) Diethylphthalate	15.482	149	204773	16.474	ng/ul	95
61) Fluorene	15.723	166	196342	17.189	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.711	204	105693	18.422	ng/ul	90
63) 4-Nitroaniline	15.752	138	37758	17.470	ng/ul#	69
66) 4,6-Dinitro-2-methylph...	15.805	198	28850	15.679	ng/ul#	95
67) N-Nitrosodiphenylamine	15.928	169	160937	18.102	ng/ul	99
68) 4-Bromophenyl-phenylether	16.610	248	72518	19.635	ng/ul	98
69) Hexachlorobenzene	16.728	284	84494	19.896	ng/ul	97
70) Atrazine	16.874	200	67820	19.324	ng/ul	93
71) Pentachlorophenol	17.074	266	52008	22.279	ng/ul	89
72) Phenanthrene	17.468	178	301541	17.567	ng/ul	98
74) Anthracene	17.562	178	312426	17.612	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.478	216	90819	22.461	ng/ul	94
76) Pentachlorobenzene	14.994	250	98986	21.464	ng/ul	96
77) Carbazole	17.832	167	263457	17.647	ng/ul	97
78) Di-n-butylphthalate	18.373	149	330598	17.248	ng/ul#	96
80) Fluoranthene	19.471	202	347131	17.644	ng/ul#	92
82) Pyrene	19.836	202	350980	17.270	ng/ul#	93
83) Butylbenzylphthalate	20.711	149	142999	16.766	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.581	252	132996	19.779	ng/ul	96
85) Benzo(a)anthracene	21.669	228	362774	17.728	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.557	149	207443	16.950	ng/ul	96
87) Chrysene	21.733	228	333109	17.388	ng/ul	99
89) Di-n-octyl phthalate	22.762	149	357525	18.166	ng/ul	100
90) Benzo(b)fluoranthene	23.884	252	370972	18.277	ng/ul#	96
91) Benzo(k)fluoranthene	23.948	252	374726	18.514	ng/ul#	96
93) Benzo(a)pyrene	24.753	252	361234m	18.795	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.584	276	397892m	16.200	ng/ul	
95) Dibenzo(a,h)anthracene	28.655	278	347502m	17.131	ng/ul	
96) Benzo(g,h,i)perylene	29.730	276	292620m	14.976	ng/ul	

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

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Quant Time: Jul 16 02:00:11 2024
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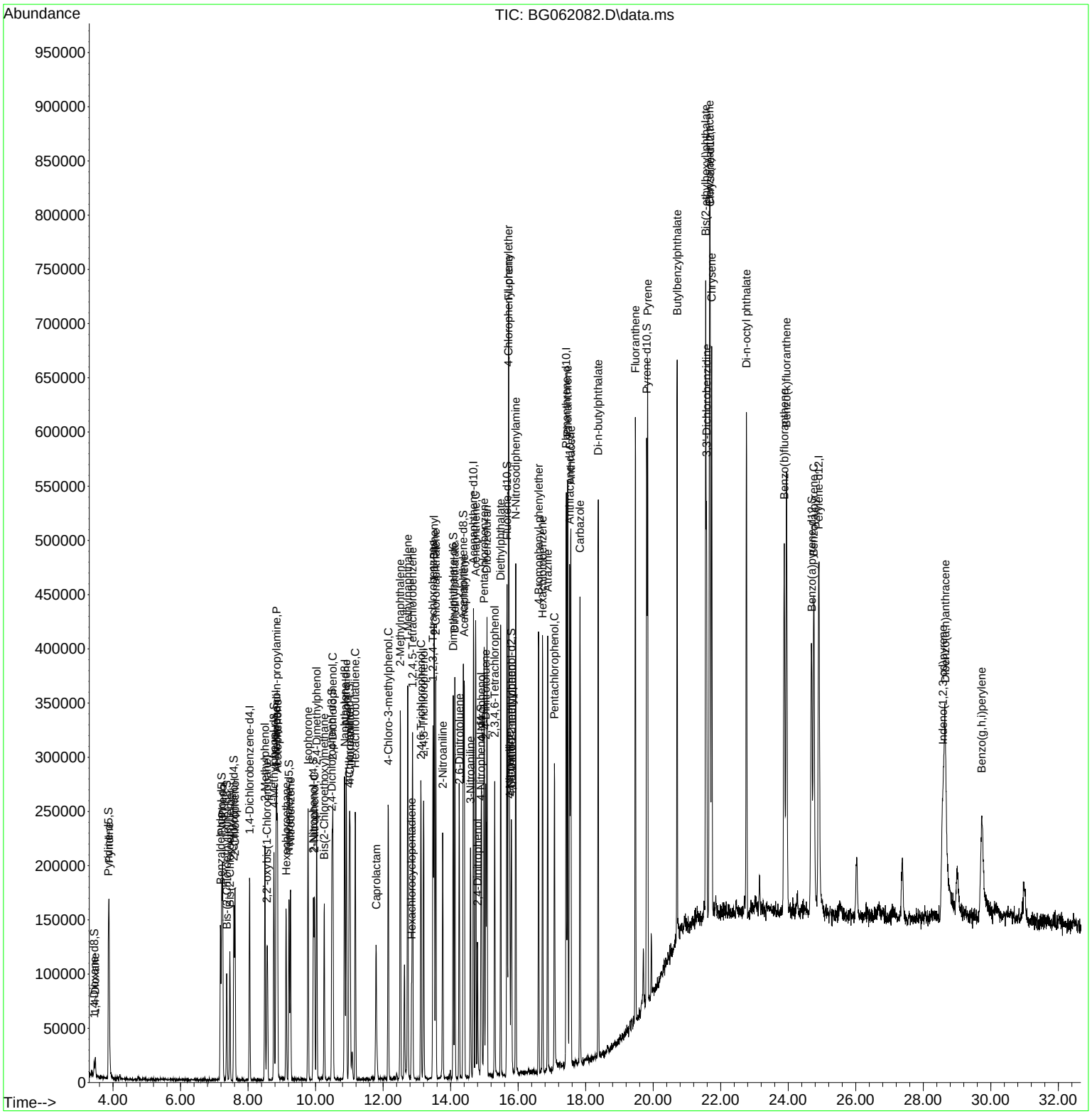
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020572

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



Quantitation Report (Qedit)

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Data File : BG062082.D
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Operator : MA/JU
Sample : SSTDCCC020
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ALS Vial : 17 Sample Multiplier: 1

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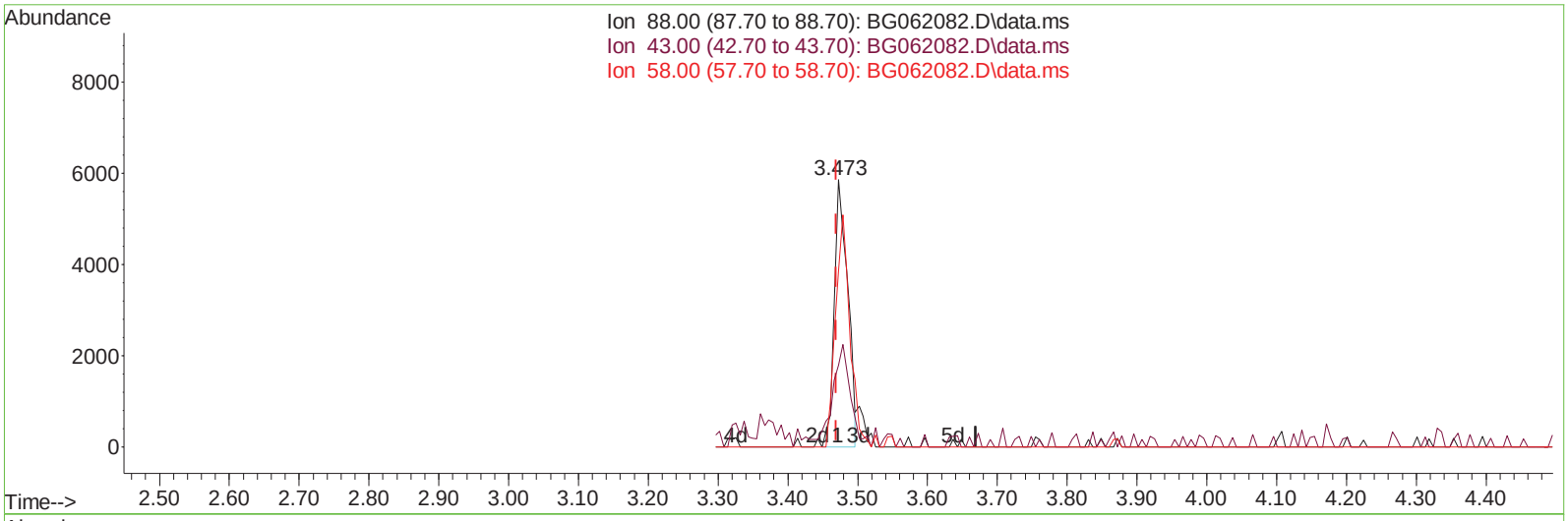

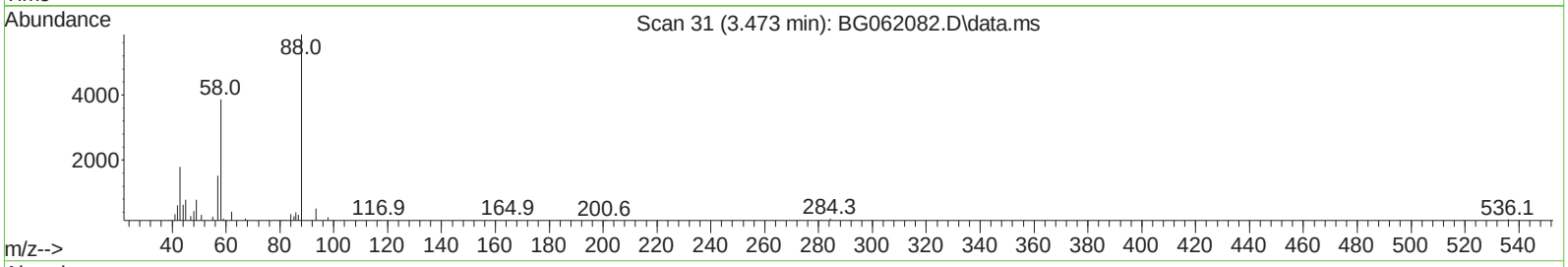

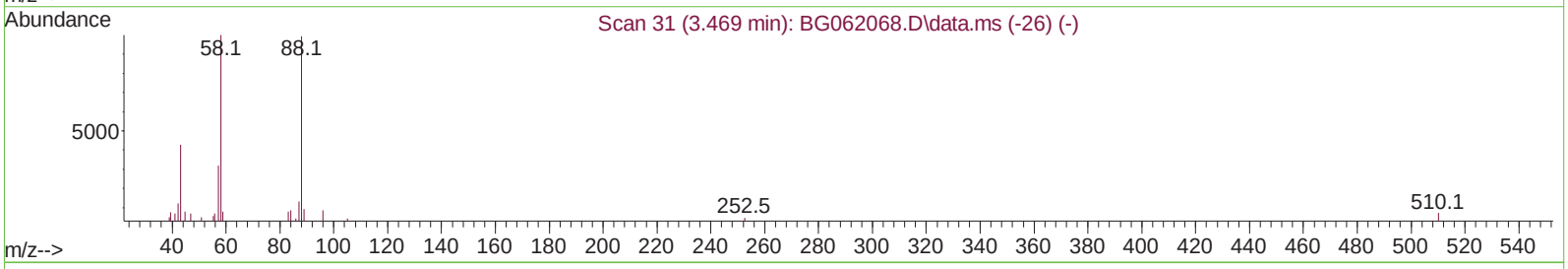

TIC: BG062082.D\data.ms

(2) 1,4-Dioxane

3.473min (+ 0.003) 6.16 ng/uL

response 7703

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	49.30	30.66#
58.00	97.60	66.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

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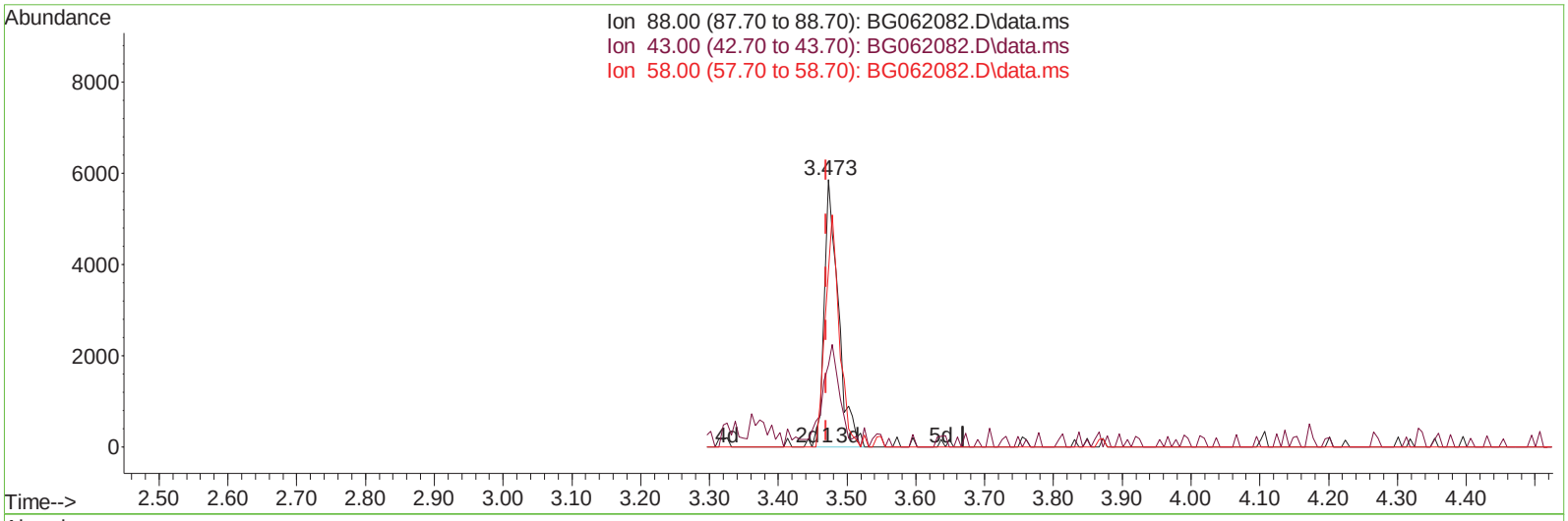

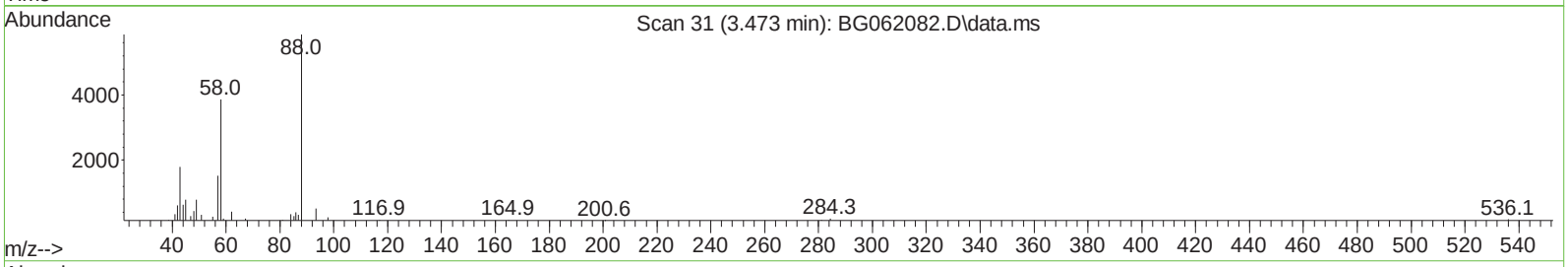

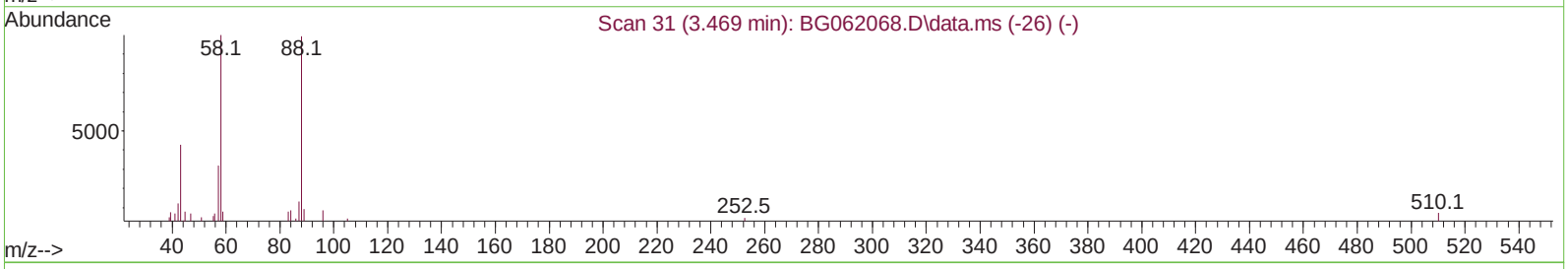

TIC: BG062082.D\data.ms

(2) 1,4-Dioxane

3.473min (+ 0.003) 6.74 ng/uL m

response 8431

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	49.30	30.66#
58.00	97.60	66.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

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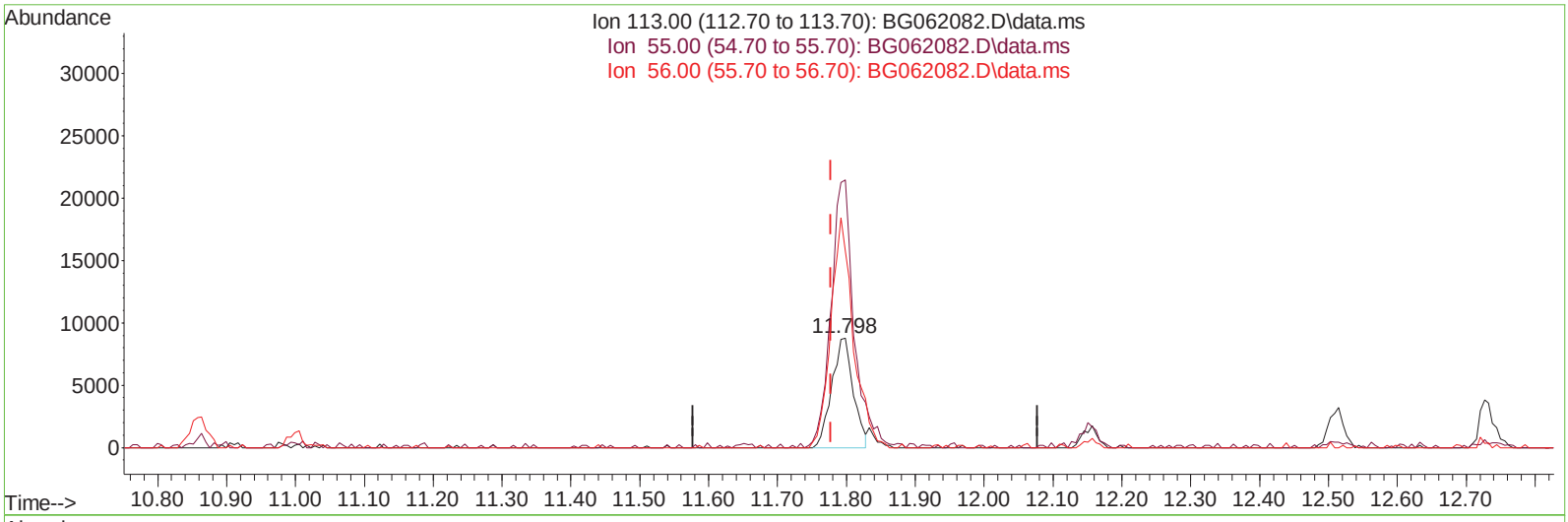

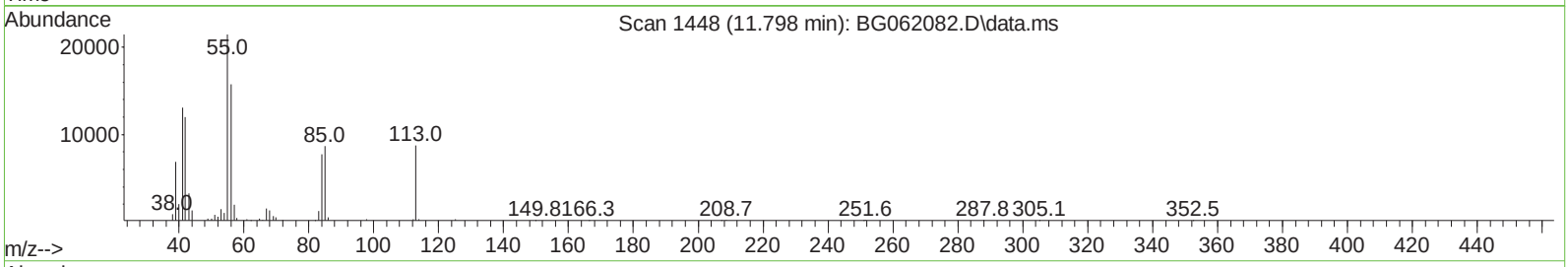

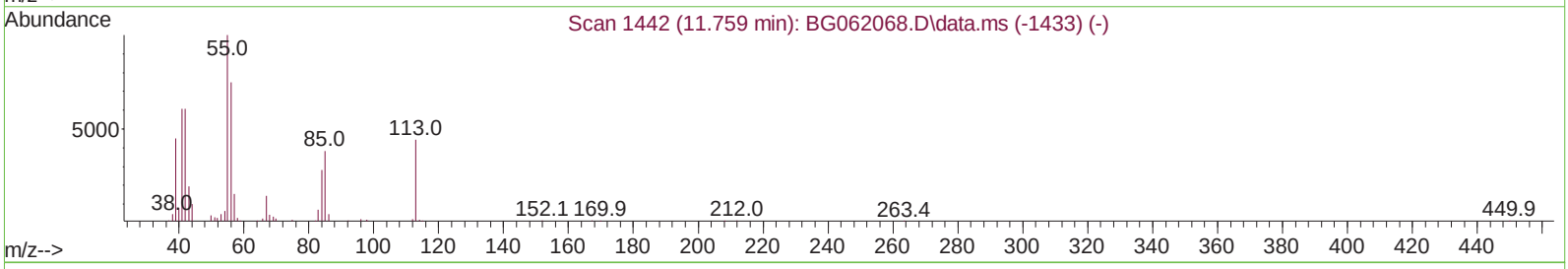

TIC: BG062082.D\data.ms

(34) Caprolactam

11.798min (+ 0.021) 14.70 ng/ul

response 18991

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	244.25
56.00	168.80	179.56
0.00	0.00	0.00

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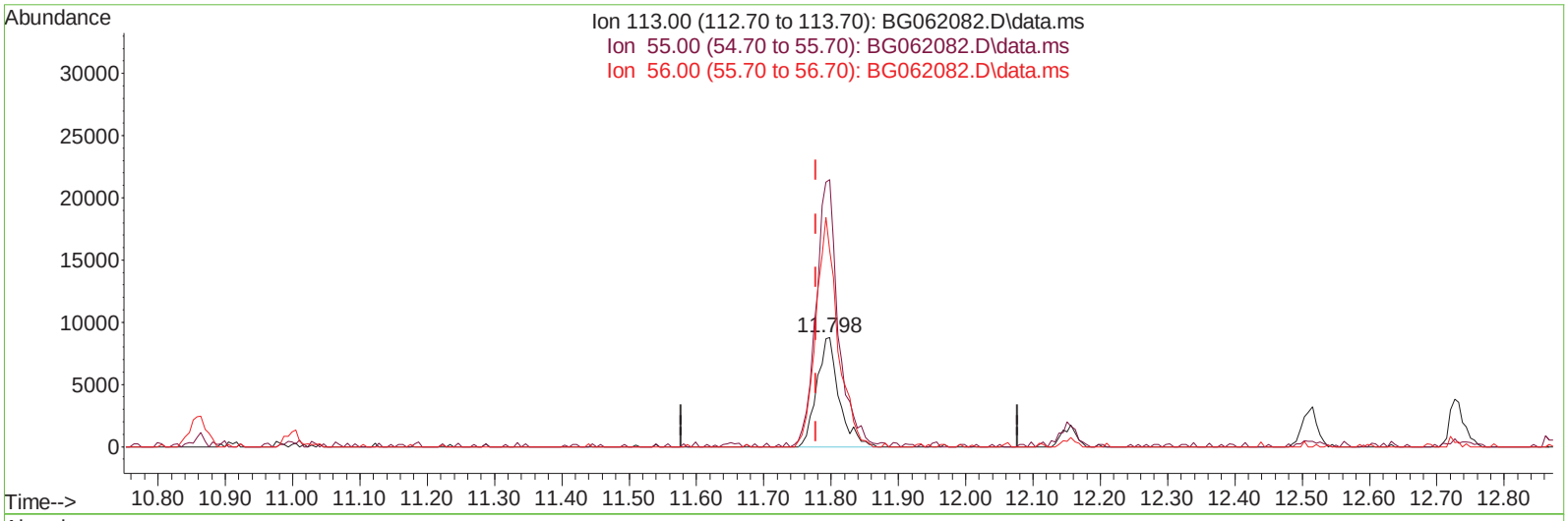

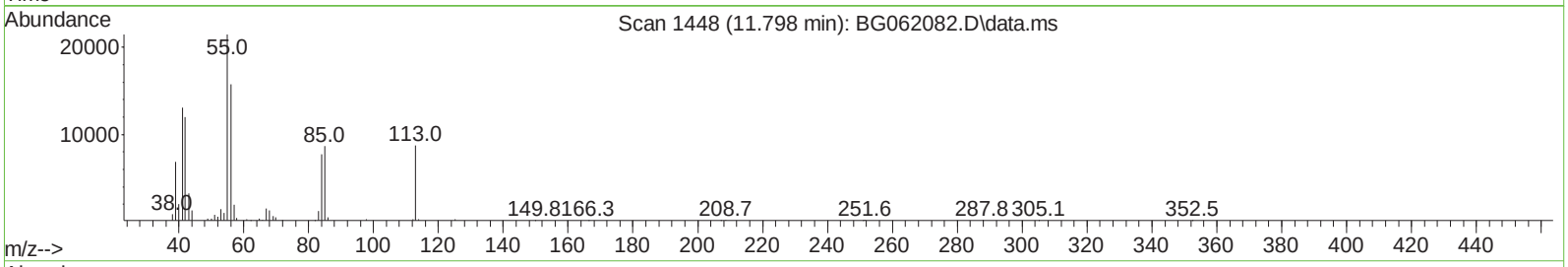

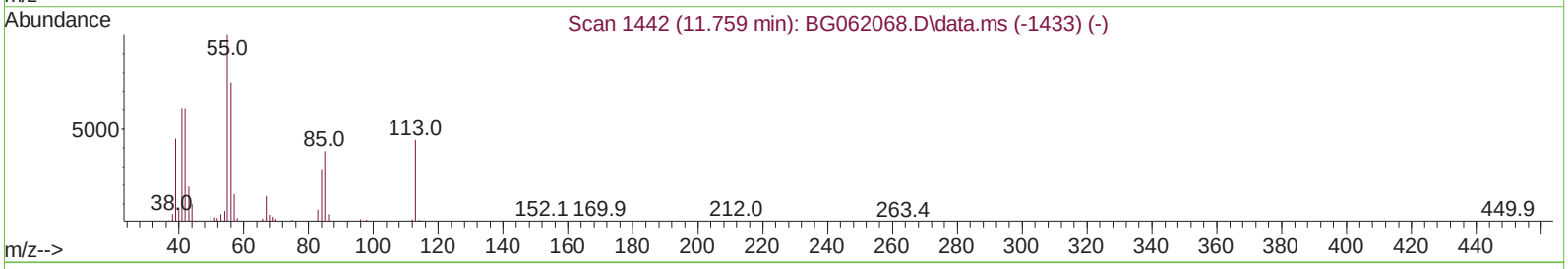

TIC: BG062082.D\data.ms

(34) Caprolactam

11.798min (+ 0.021) 15.74 ng/ul m

response 20336

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	244.25
56.00	168.80	179.56
0.00	0.00	0.00

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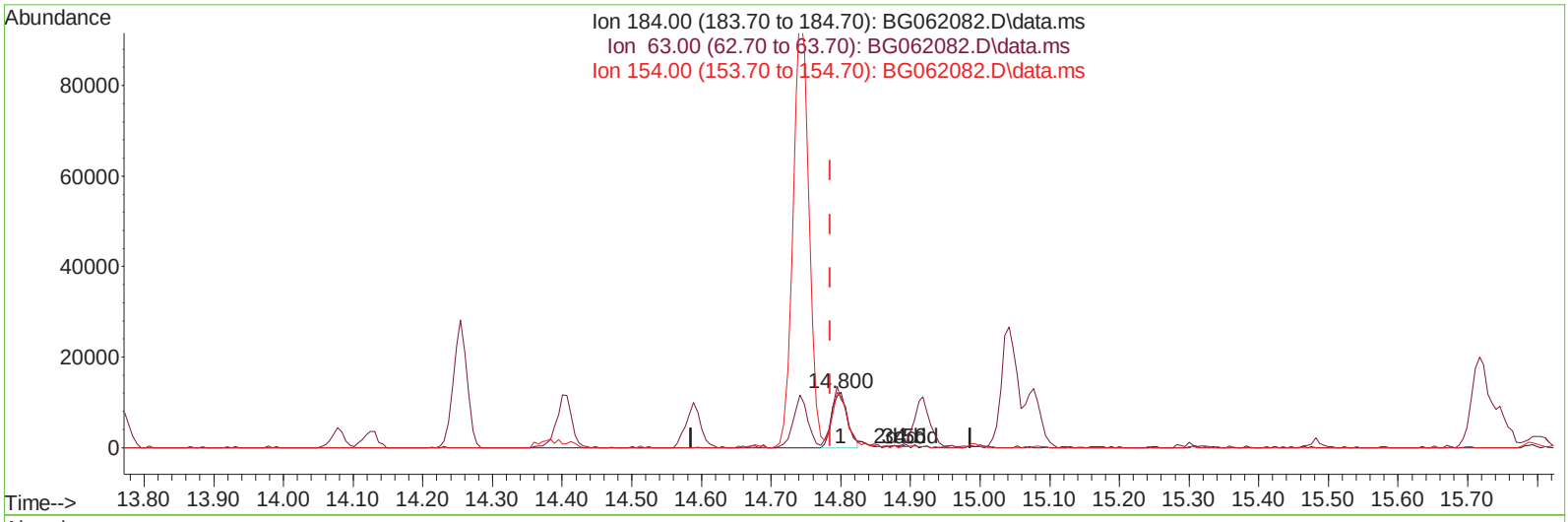

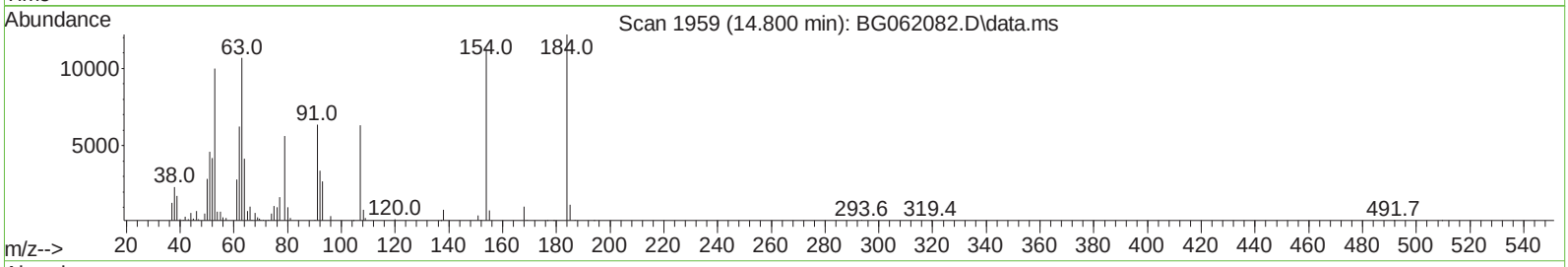

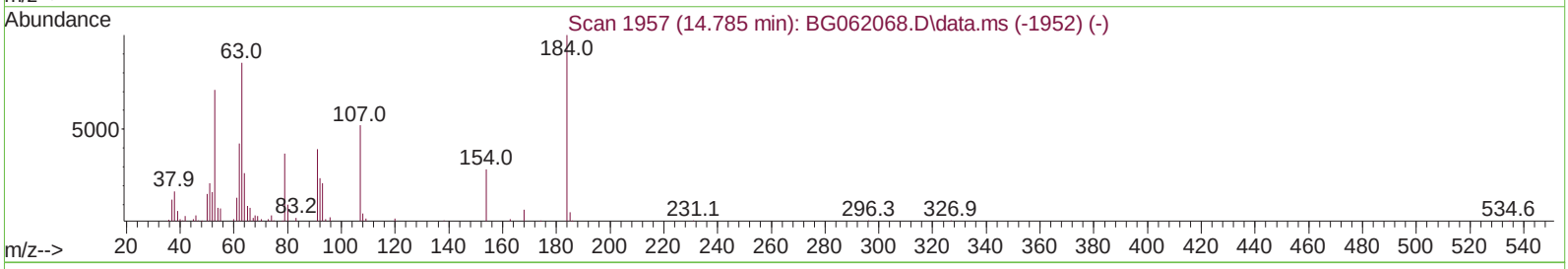

TIC: BG062082.D\data.ms

(53) 2,4-Dinitrophenol

14.800min (+ 0.015) 16.51 ng/ul

response 18869

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	104.50	87.53
154.00	83.50	92.21
0.00	0.00	0.00

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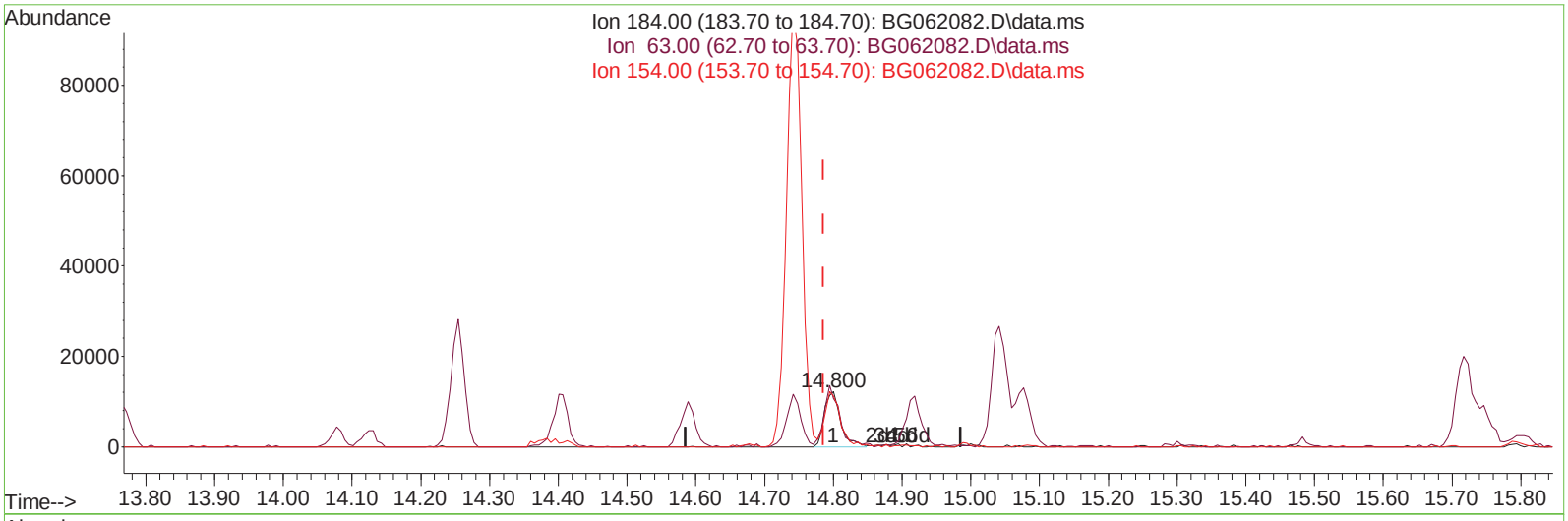
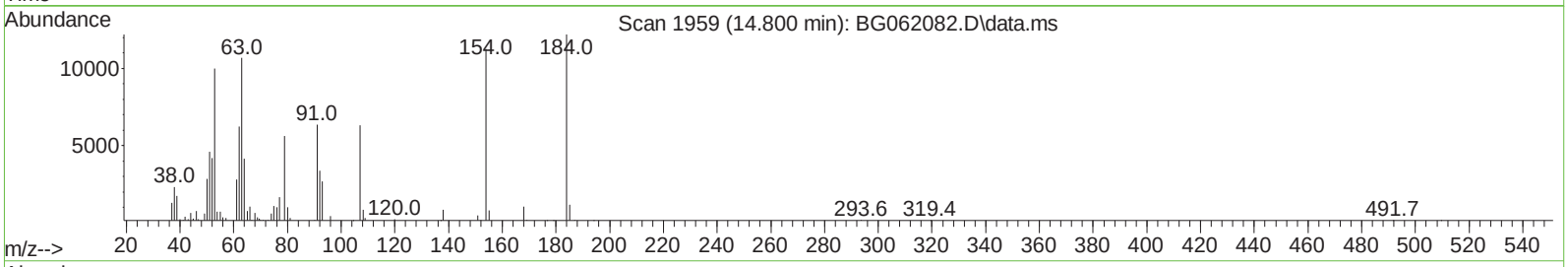
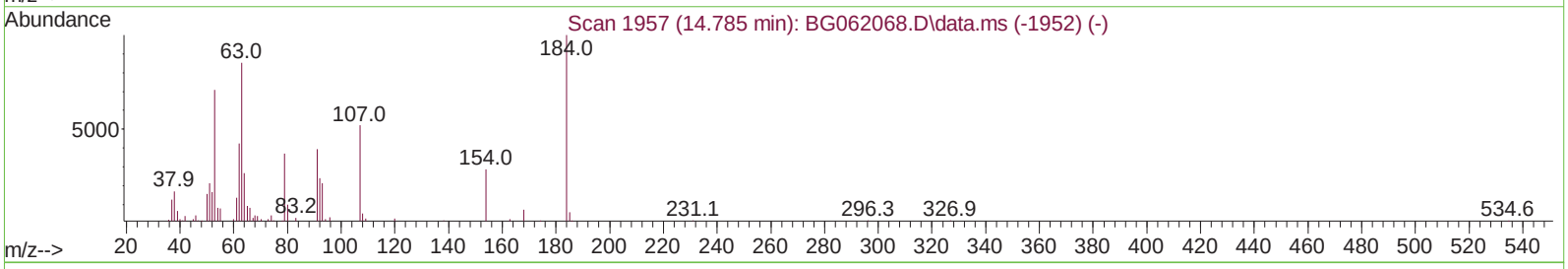
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024







TIC: BG062082.D\data.ms

(53) 2,4-Dinitrophenol

14.800min (+ 0.015) 17.45 ng/ul m

response 19944

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	104.50	87.53
154.00	83.50	92.21
0.00	0.00	0.00

Quantitation Report (Qedit)

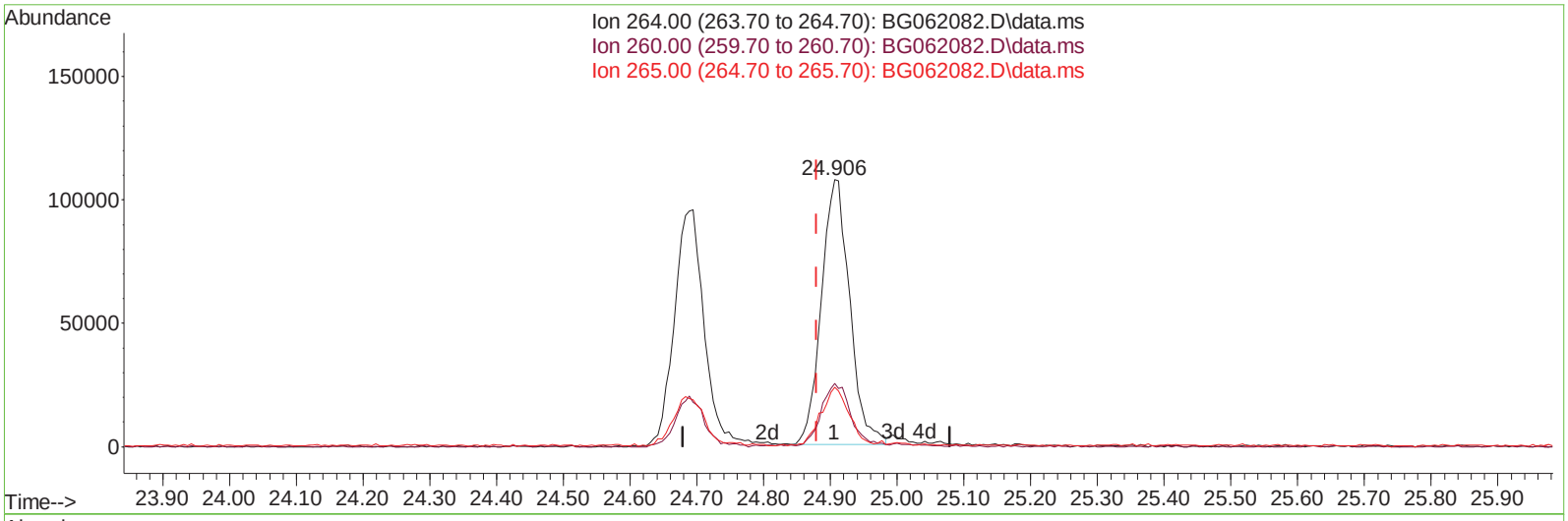
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062082.D
Acq On : 16 Jul 2024 00:51
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

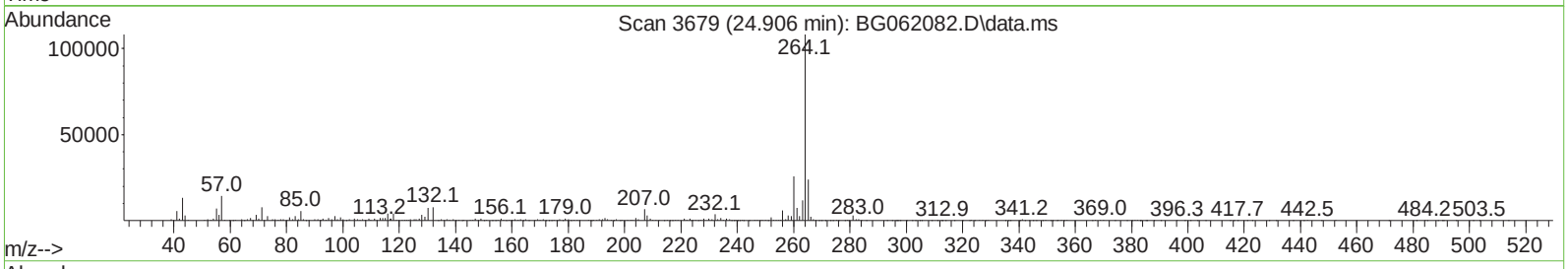
Quant Time: Jul 16 01:23:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

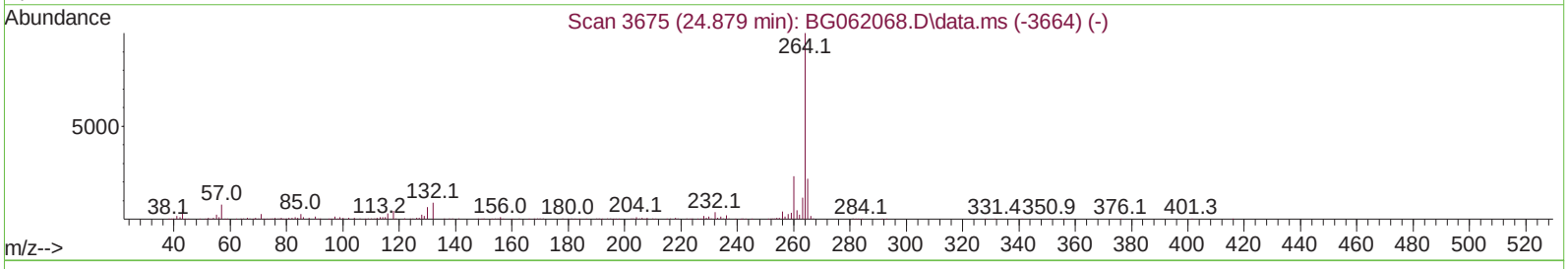
Instrument :
BNA_G
ClientSampleId :
SSTD020572

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024







TIC: BG062082.D\data.ms

(88) Perylene-d12 (I)

24.906min (+ 0.026) 20.00 ng/ul

response 315282

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	22.20	23.68
265.00	20.40	22.24
0.00	0.00	0.00

Quantitation Report (Qedit)

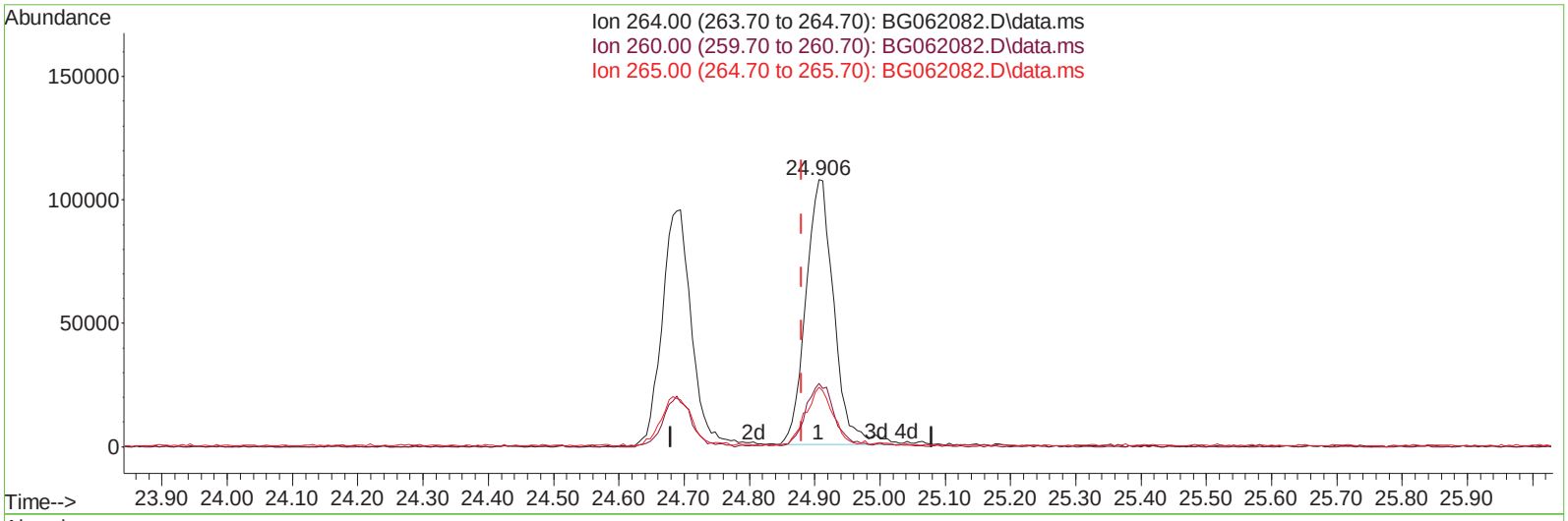
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062082.D
Acq On : 16 Jul 2024 00:51
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

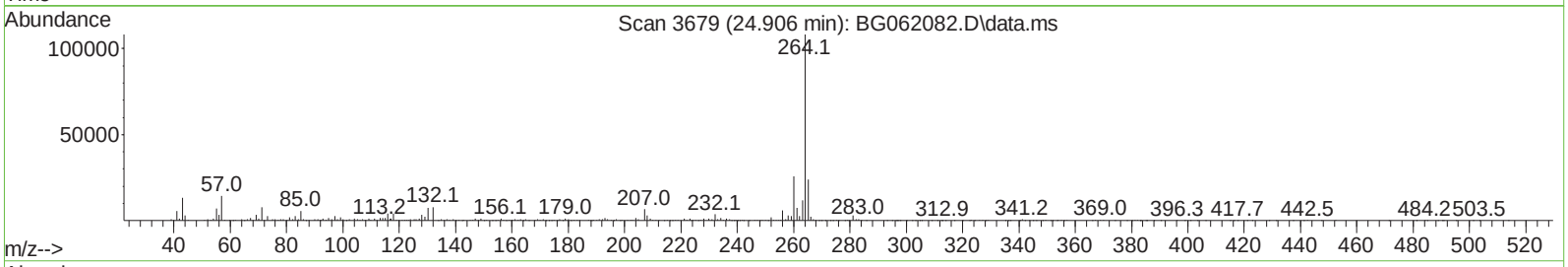
Quant Time: Jul 16 01:23:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

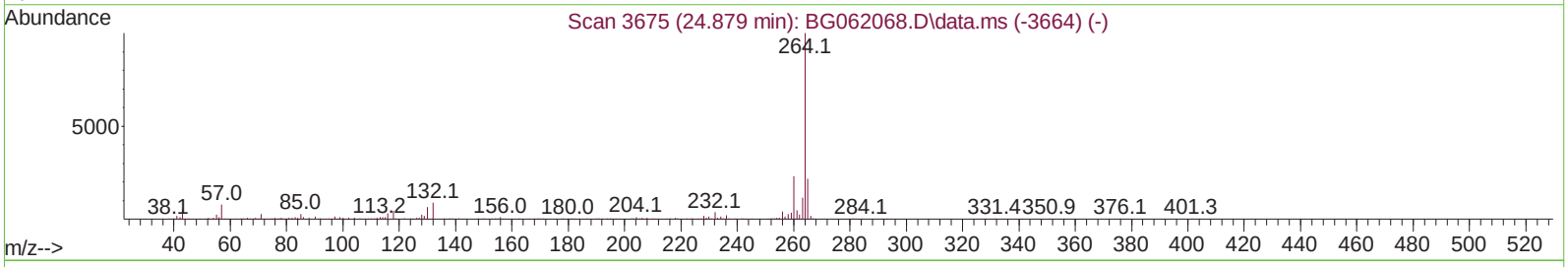
Instrument :
BNA_G
ClientSampleId :
SSTD020572

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024







TIC: BG062082.D\data.ms

(88) Perylene-d12 (I)

24.906min (+ 0.026) 20.00 ng/ul m

response 322153

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	22.20	23.68
265.00	20.40	22.24
0.00	0.00	0.00

Quantitation Report (Qedit)

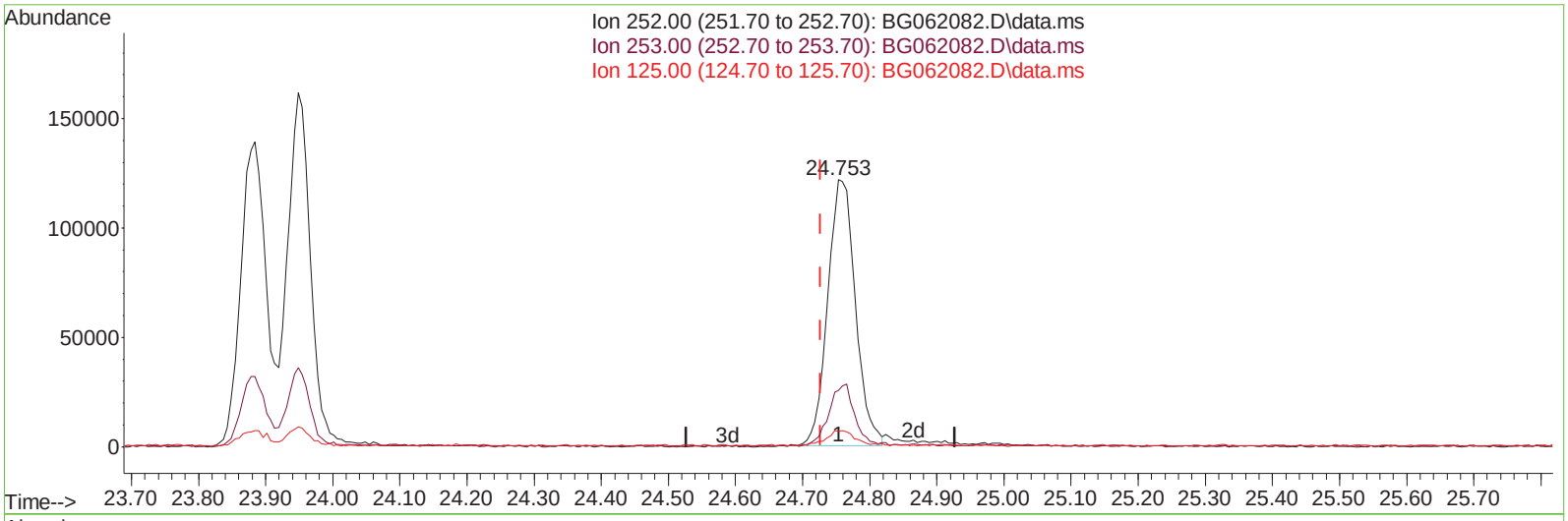
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062082.D
Acq On : 16 Jul 2024 00:51
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

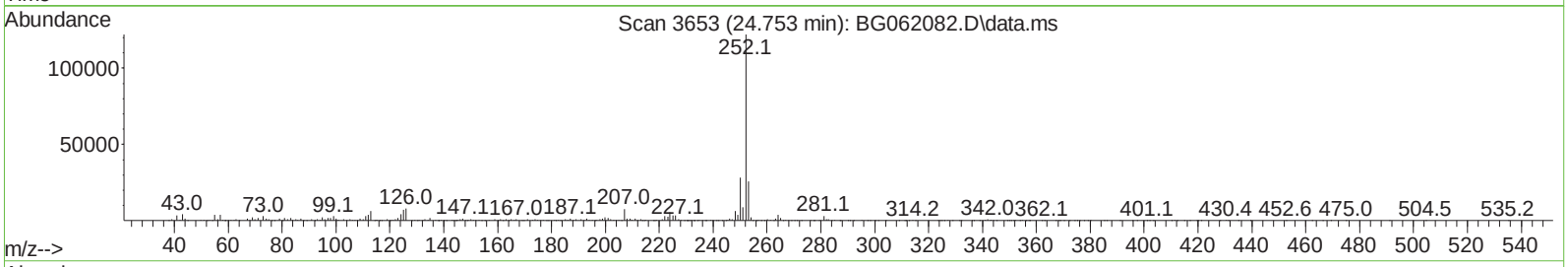
Quant Time: Jul 16 01:55:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

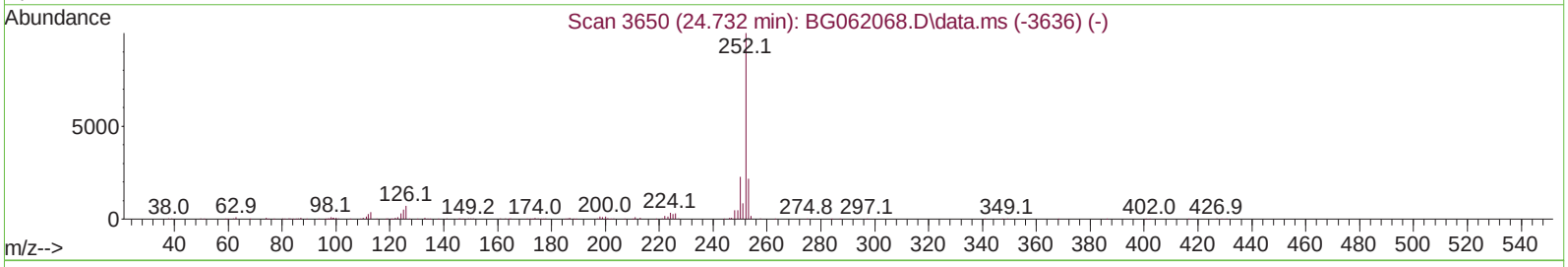
Instrument :
BNA_G
ClientSampleId :
SSTD020572

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024







TIC: BG062082.D\data.ms

(93) Benzo(a)pyrene (C)

24.753min (+ 0.027) 18.21 ng/ul

response 349968

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	21.16
125.00	9.30	5.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

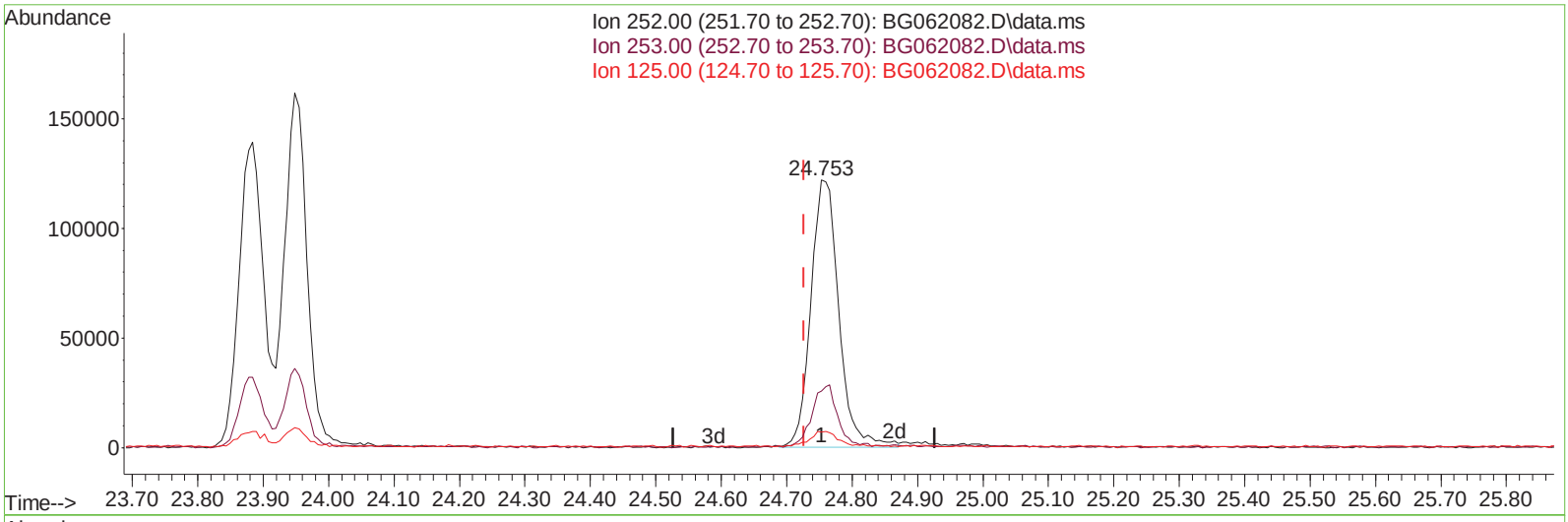
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062082.D
Acq On : 16 Jul 2024 00:51
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

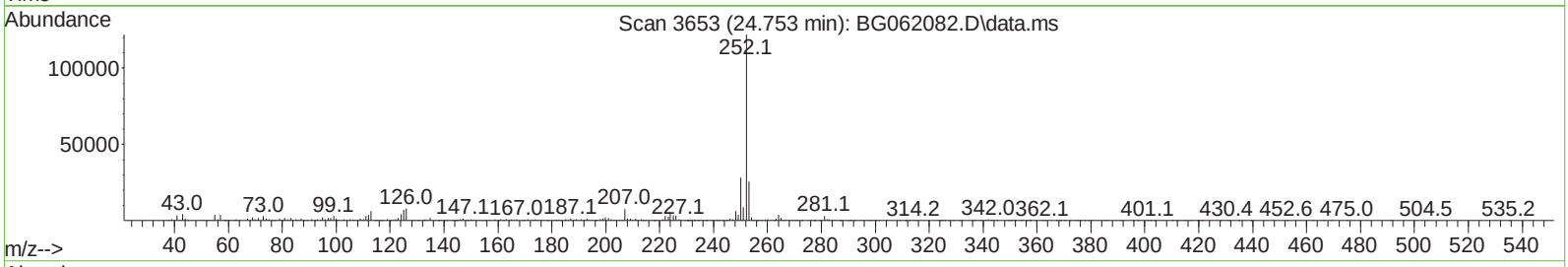
Quant Time: Jul 16 01:55:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

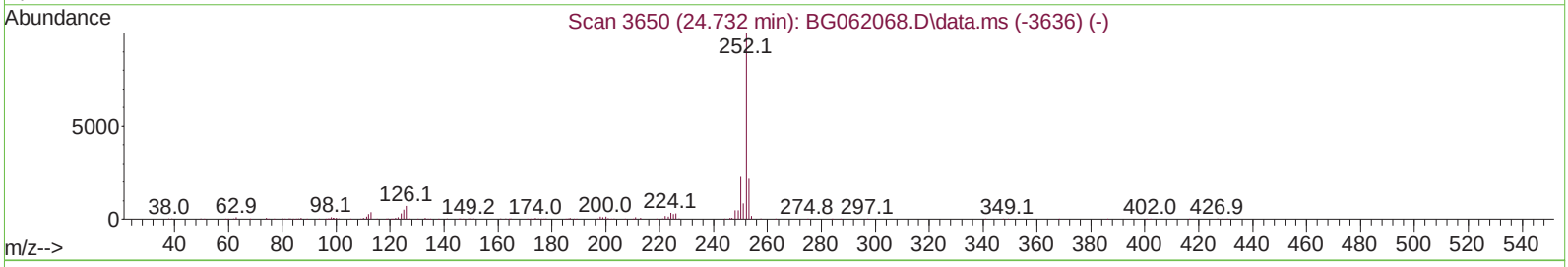
Instrument :
BNA_G
ClientSampleId :
SSTD020572

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024







TIC: BG062082.D\data.ms

(93) Benzo(a)pyrene (C)

24.753min (+ 0.027) 18.79 ng/ul m

response 361234

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	21.16
125.00	9.30	5.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

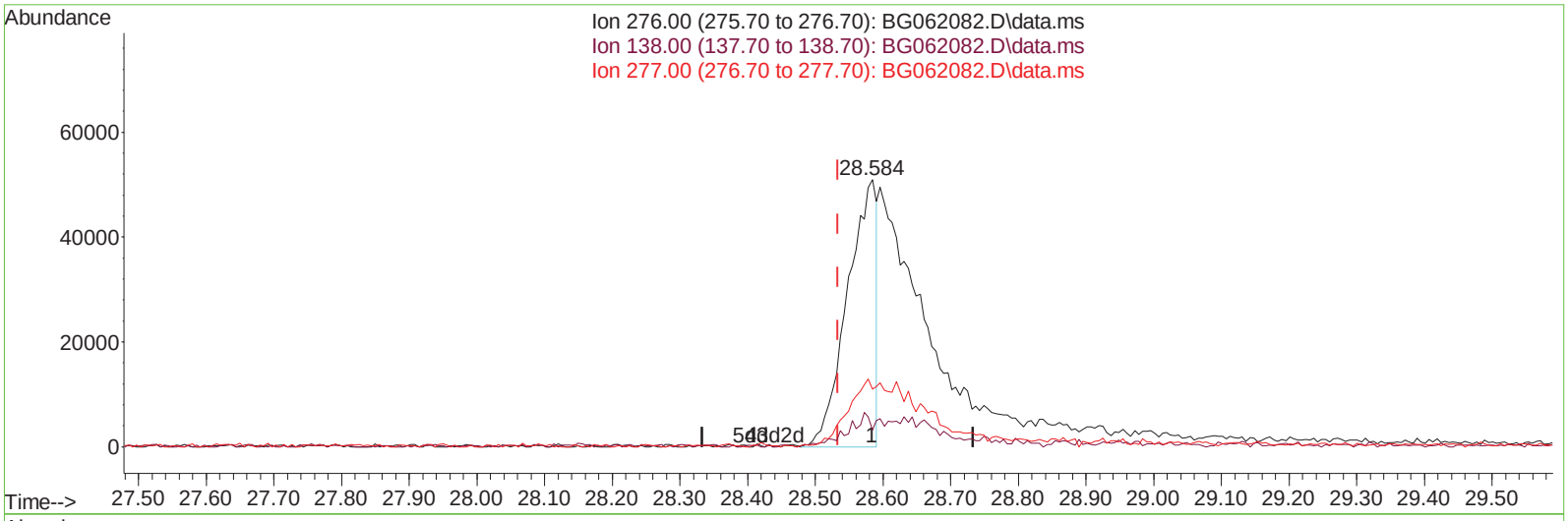
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062082.D
Acq On : 16 Jul 2024 00:51
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

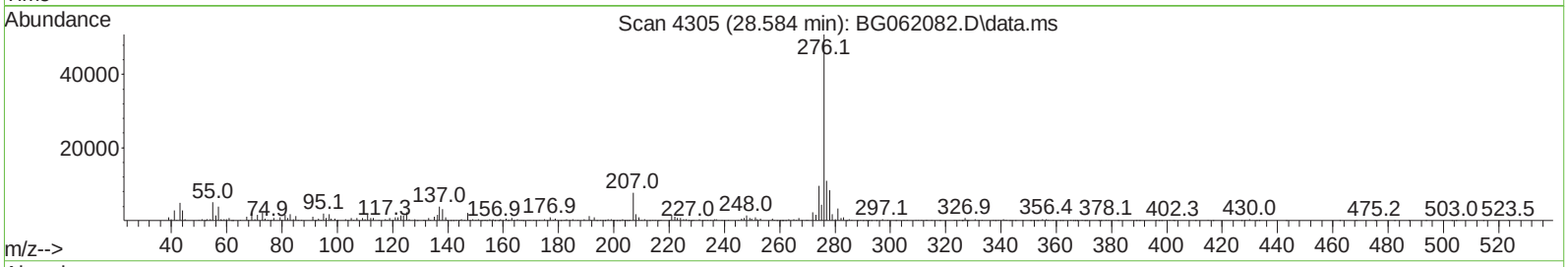
Quant Time: Jul 16 01:55:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

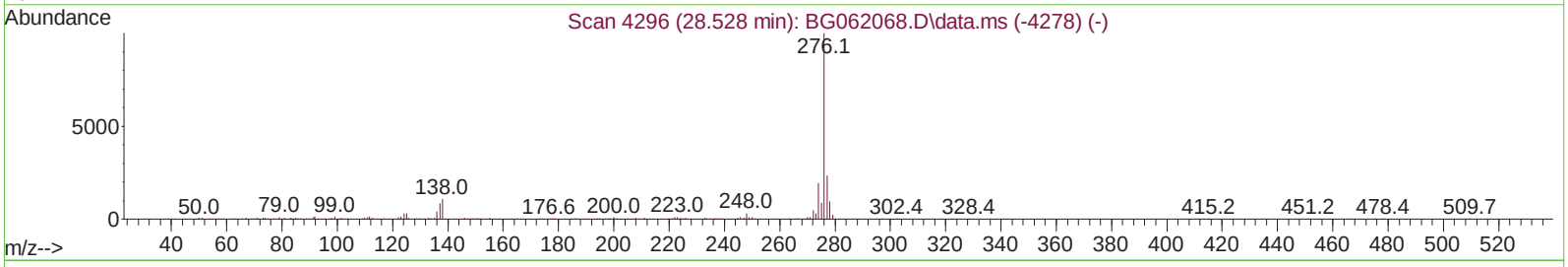
Instrument :
BNA_G
ClientSampleId :
SSTD020572

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024







TIC: BG062082.D\data.ms

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

28.584min (+ 0.050) 6.19 ng/ul

response 152023

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	6.31#
277.00	24.10	21.69
0.00	0.00	0.00

Quantitation Report (Qedit)

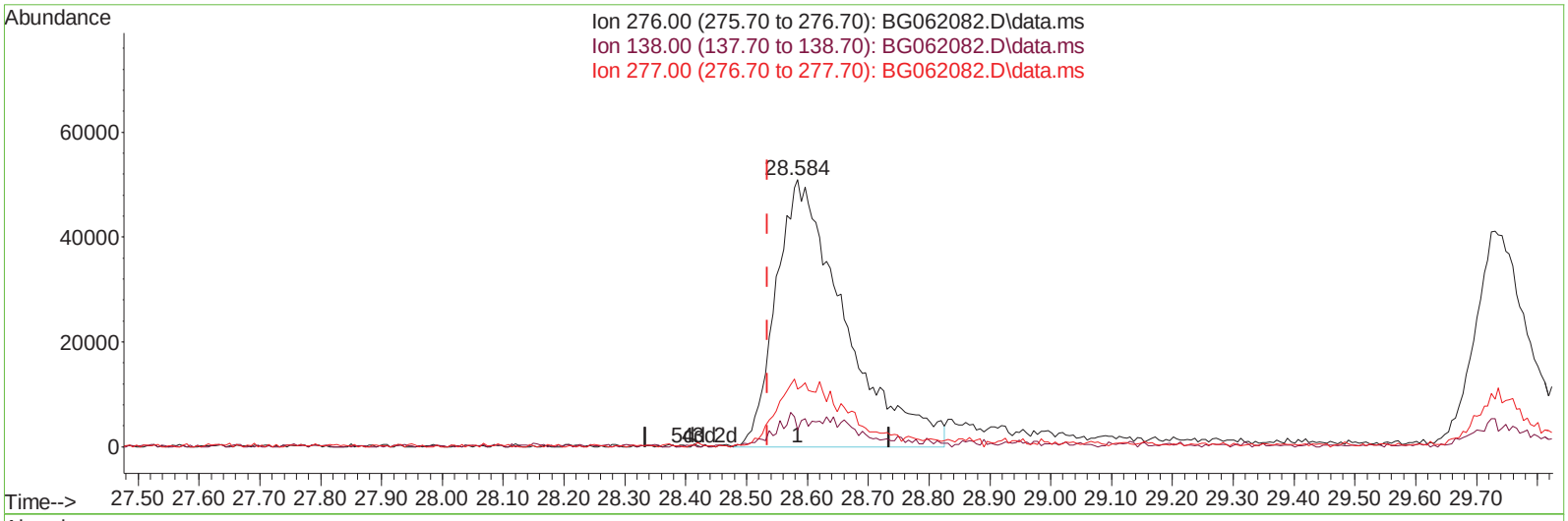
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062082.D
Acq On : 16 Jul 2024 00:51
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

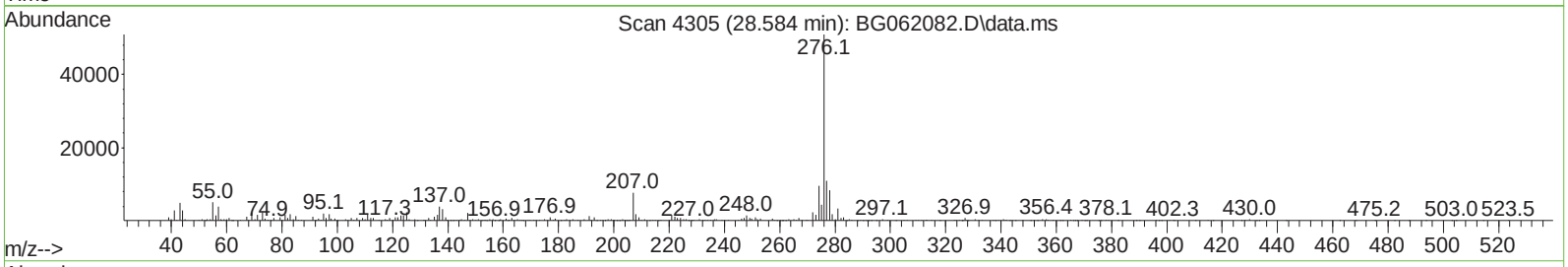
Quant Time: Jul 16 01:55:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

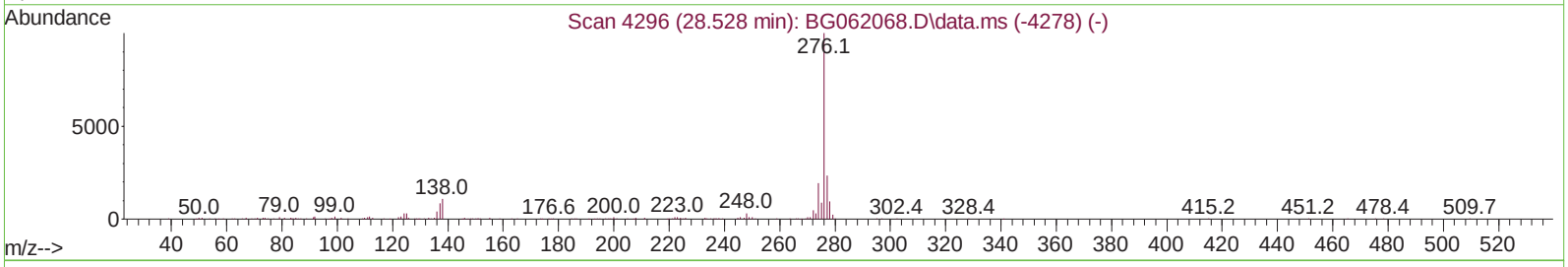
Instrument :
BNA_G
ClientSampleId :
SSTD020572

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024







TIC: BG062082.D\data.ms

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

28.584min (+ 0.050) 16.20 ng/ul m

response 397892

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	6.31#
277.00	24.10	21.69
0.00	0.00	0.00

Quantitation Report (Qedit)

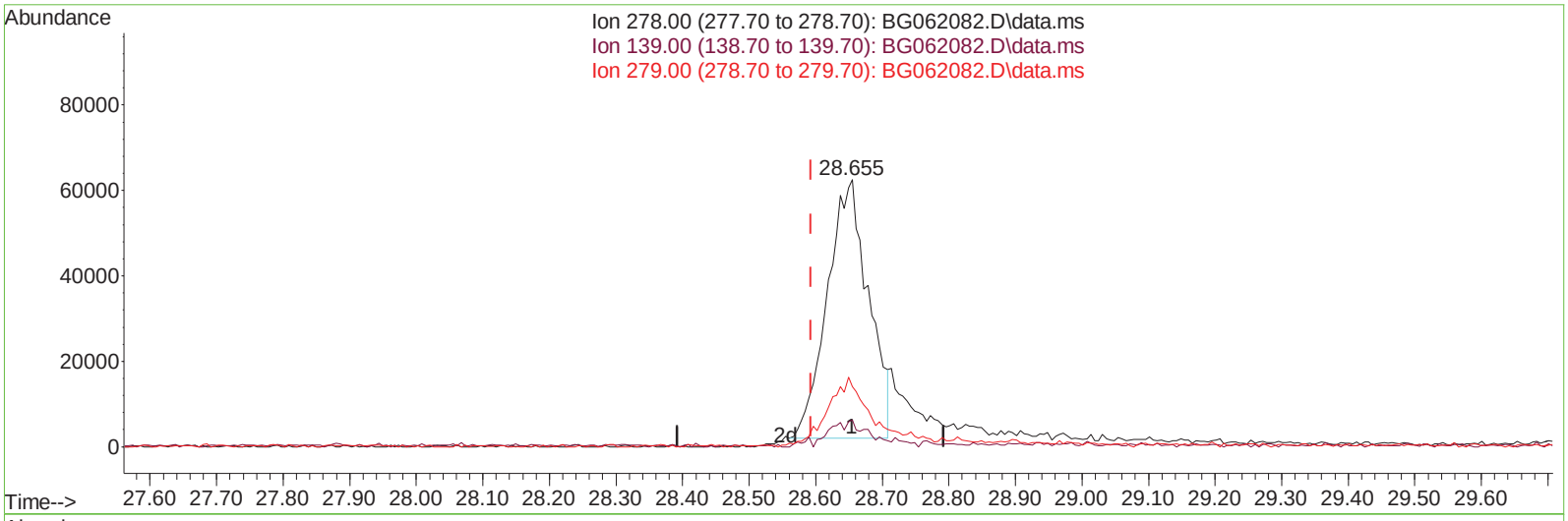
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062082.D
Acq On : 16 Jul 2024 00:51
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

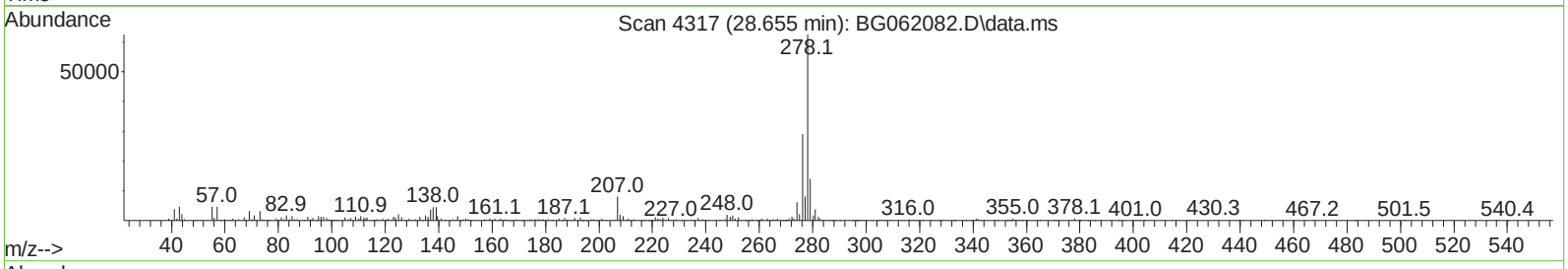
Quant Time: Jul 16 01:55:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

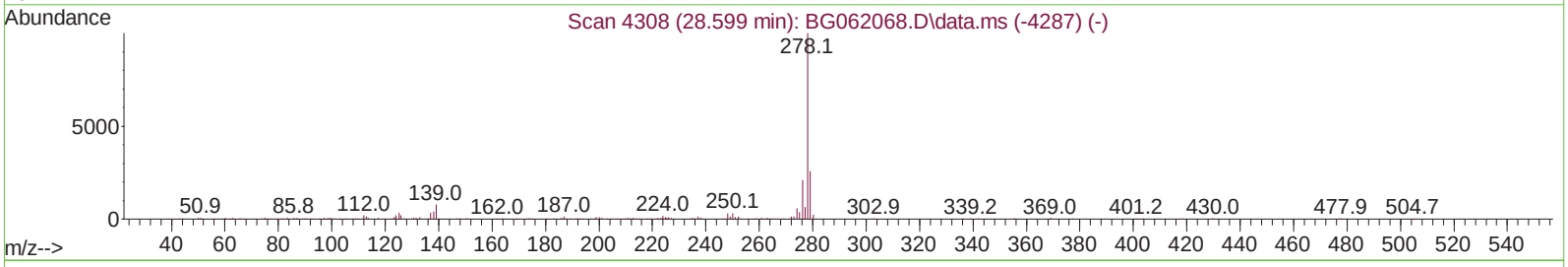
Instrument :
BNA_G
ClientSampleId :
SSTD020572

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024







TIC: BG062082.D\data.ms

(95) Dibenzo(a,h)anthracene

28.655min (+ 0.062) 12.79 ng/ul

response 259348

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	10.02
279.00	23.50	22.63
0.00	0.00	0.00

Quantitation Report (Qedit)

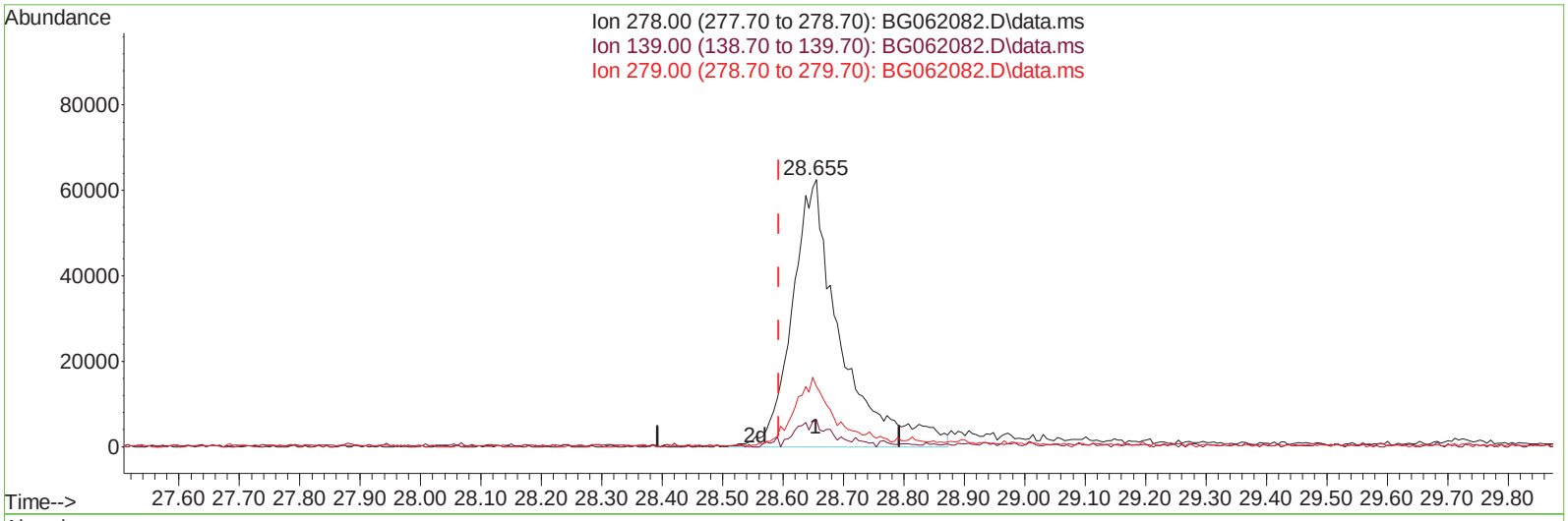
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062082.D
Acq On : 16 Jul 2024 00:51
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

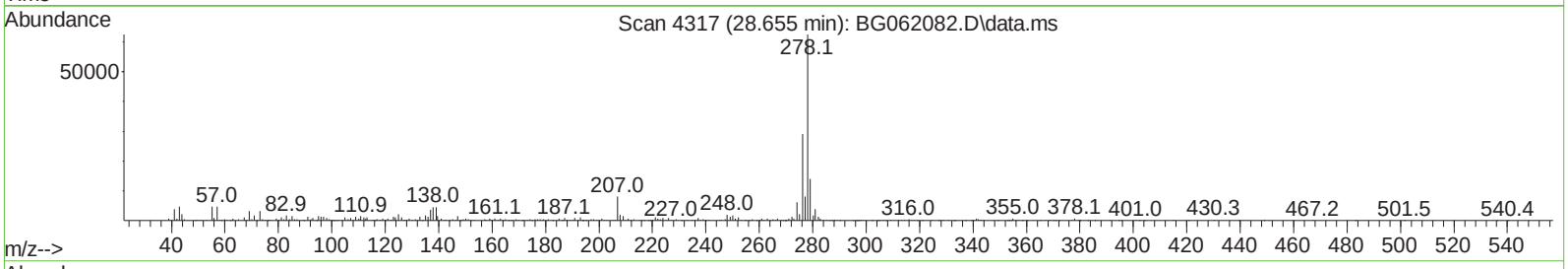
Quant Time: Jul 16 01:55:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

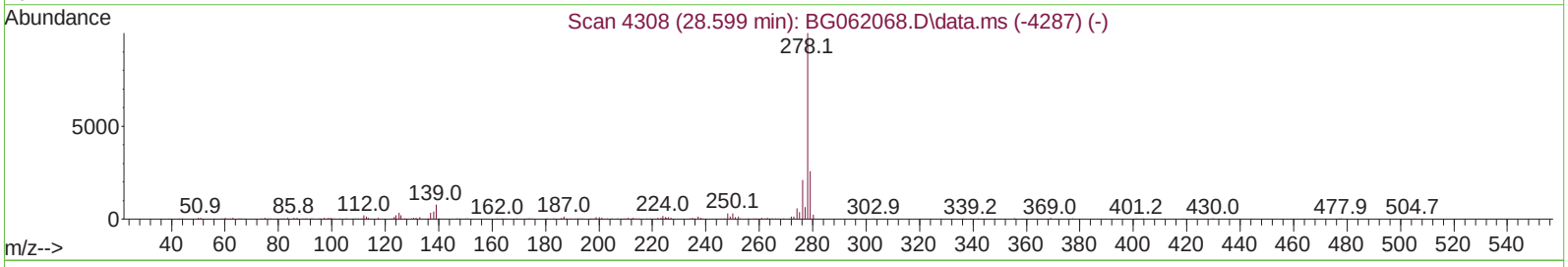
Instrument :
BNA_G
ClientSampleId :
SSTD020572

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024







TIC: BG062082.D\data.ms

(95) Dibenzo(a,h)anthracene

28.655min (+ 0.062) 17.13 ng/ul m

response 347502

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	7.27#
279.00	23.50	22.63
0.00	0.00	0.00

Quantitation Report (Qedit)

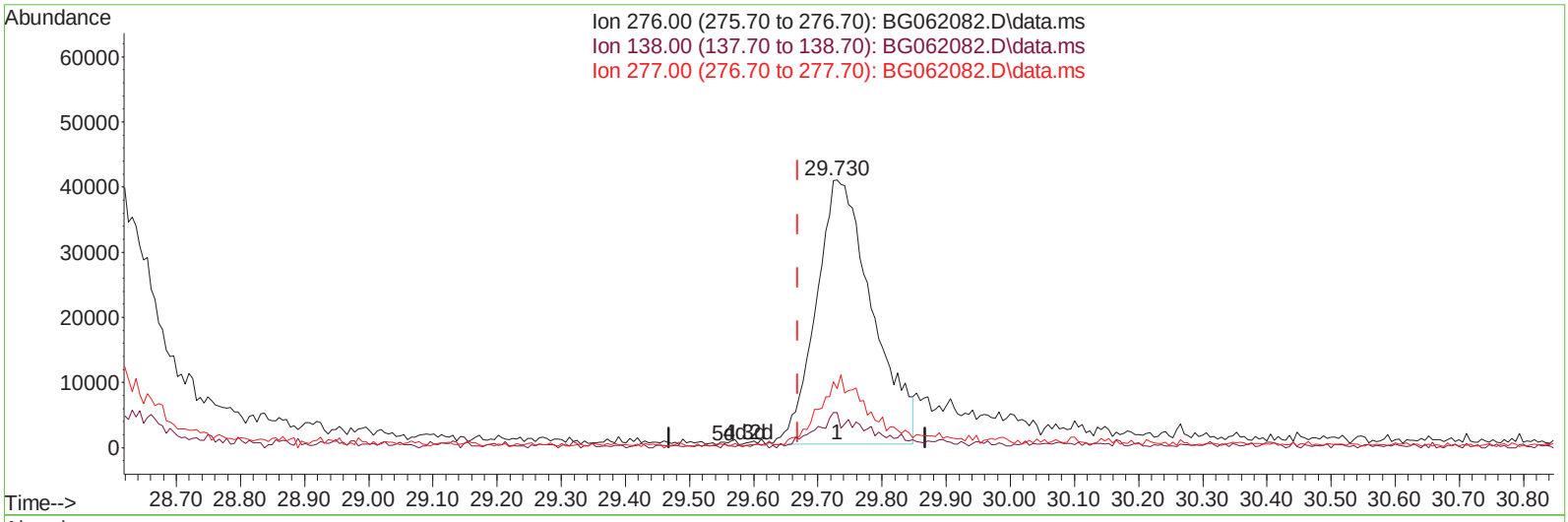
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062082.D
Acq On : 16 Jul 2024 00:51
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

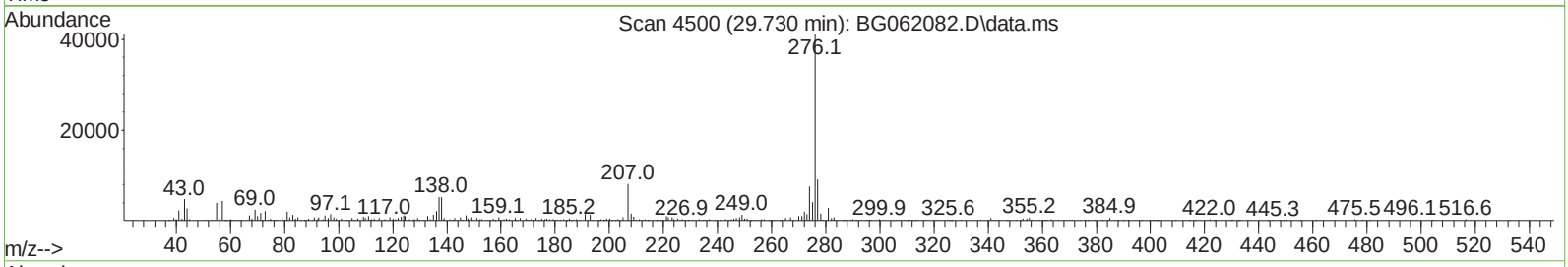
Quant Time: Jul 16 01:55:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

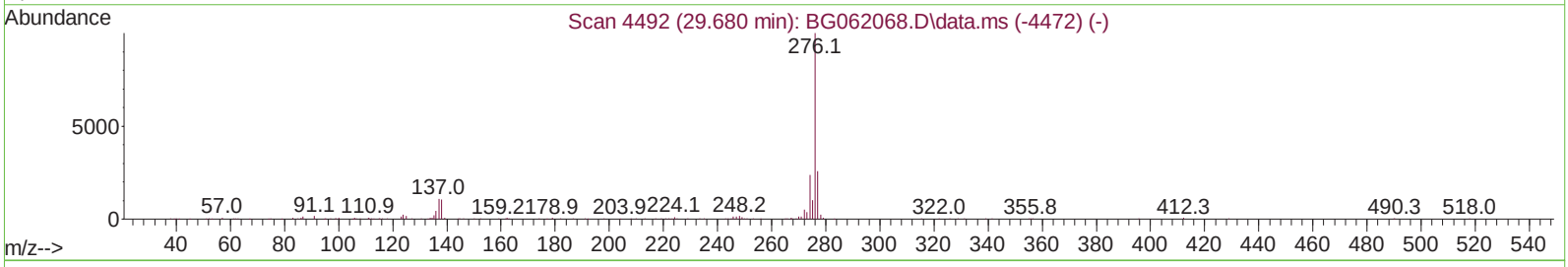
Instrument :
BNA_G
ClientSampleId :
SSTD020572

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024







TIC: BG062082.D\data.ms

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

29.730min (+ 0.062) 12.60 ng/ul

response 246235

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	13.01
277.00	23.50	22.18
0.00	0.00	0.00

Quantitation Report (Qedit)

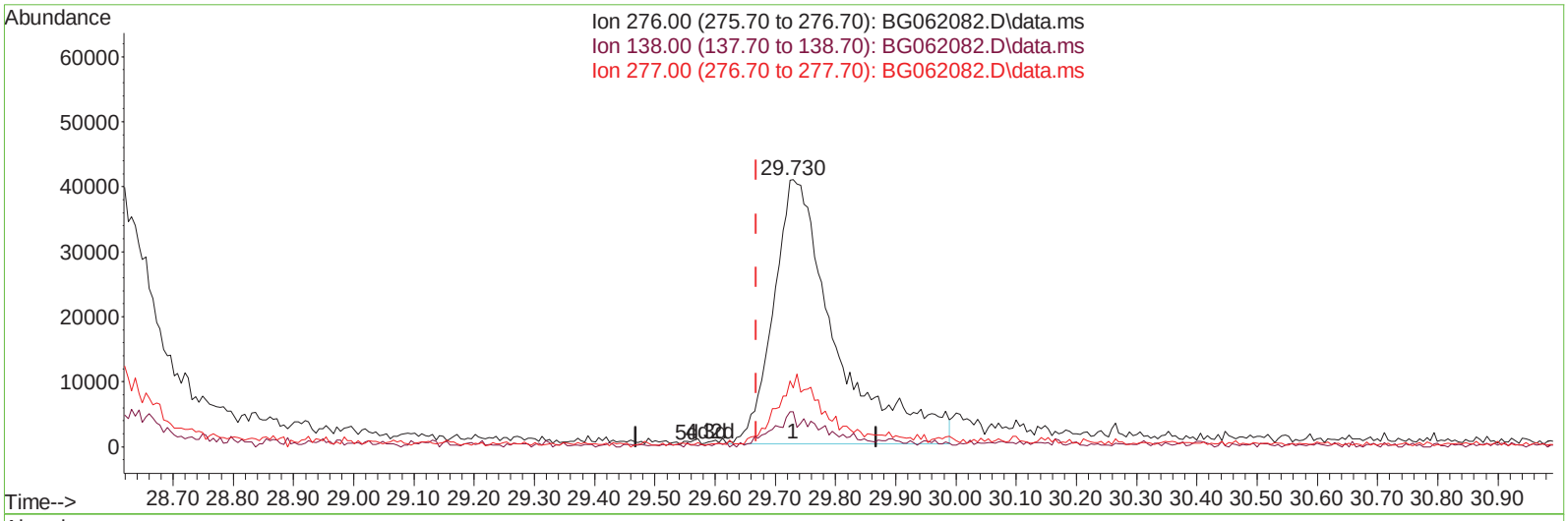
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062082.D
Acq On : 16 Jul 2024 00:51
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

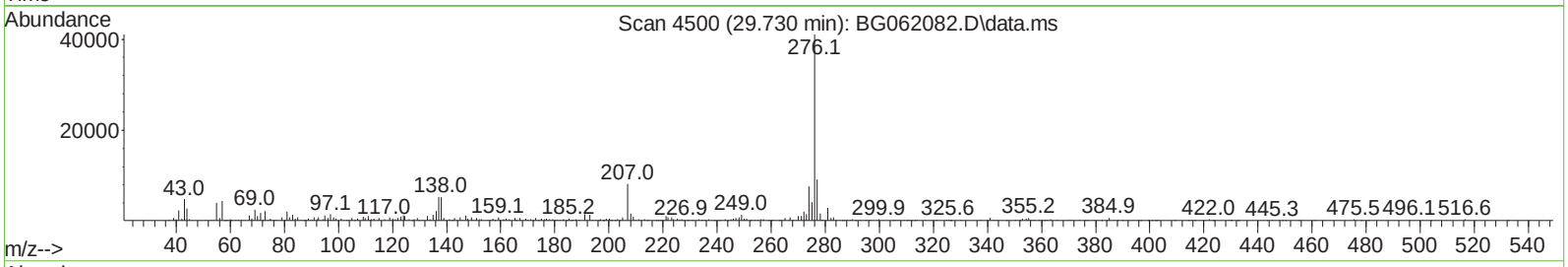
Quant Time: Jul 16 01:55:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

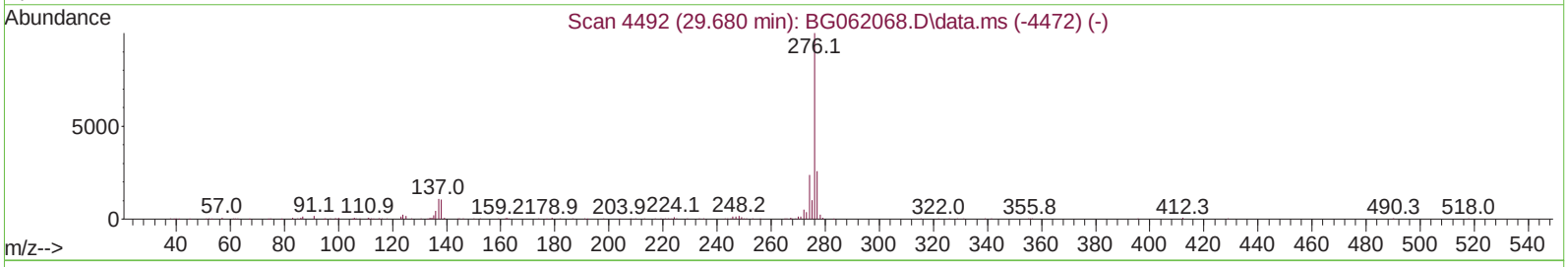
Instrument :
BNA_G
ClientSampleId :
SSTD020572

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024







TIC: BG062082.D\data.ms

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

29.730min (+ 0.062) 14.98 ng/ul m

response 292620

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	13.01
277.00	23.50	22.18
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062082.D
Acq On : 16 Jul 2024 00:51
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 16 02:00:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020572

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.044	152	42585	20.000	ng/ul		0.00
20) Naphthalene-d8	10.864	136	209605	20.000	ng/ul		0.01
38) Acenaphthene-d10	14.677	164	145865	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.427	188	325550	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.686	240	282635	20.000	ng/ul	#	0.00
88) Perylene-d12	24.906	264	322153m	20.000	ng/ul		0.03
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.443	96	6665	5.881	ng/uL		0.00
4) Pyridine-d5	3.866	84	53814	15.444	ng/ul		0.00
7) Phenol-d5	7.221	99	81771	17.546	ng/ul		0.03
9) Bis-(2-Chloroethyl)eth...	7.368	67	42914	14.541	ng/ul		0.00
11) 2-Chlorophenol-d4	7.579	132	57993	18.141	ng/ul		0.00
15) 4-Methylphenol-d8	8.766	113	63602	17.333	ng/ul		0.02
21) Nitrobenzene-d5	9.213	128	29595	18.565	ng/ul		0.00
24) 2-Nitrophenol-d4	9.936	143	36479	20.038	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.482	165	69422	19.771	ng/ul		0.01
31) 4-Chloroaniline-d4	10.999	131	88659	17.391	ng/ul		0.01
46) Dimethylphthalate-d6	14.078	166	204055	17.016	ng/ul		0.00
49) Acenaphthylene-d8	14.377	160	226534	18.066	ng/ul		0.00
54) 4-Nitrophenol-d4	14.900	143	28487	14.875	ng/ul		0.03
60) Fluorene-d10	15.670	176	178259	17.657	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	25440	14.880	ng/ul		0.01
73) Anthracene-d10	17.527	188	277995	18.290	ng/ul		0.00
81) Pyrene-d10	19.806	212	298422	17.951	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.695	264	295871	18.518	ng/ul		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.473	88	8431m	6.741	ng/uL		
5) Pyridine	3.884	79	53926	15.091	ng/ul		95
6) Benzaldehyde	7.186	77	44254	17.942	ng/ul		93
8) Phenol	7.245	94	81556	17.093	ng/ul#		88
10) Bis(2-Chloroethyl)ether	7.462	93	53175	14.507	ng/ul		91
12) 2-Chlorophenol	7.609	128	58165	17.859	ng/ul		94
13) 2-Methylphenol	8.502	108	58588	17.204	ng/ul		95
14) 2,2'-oxybis(1-Chloropr...	8.561	45	113871	14.220	ng/ul#		95
16) Acetophenone	8.872	105	99720	16.452	ng/ul		97
17) N-Nitroso-di-n-propyla...	8.849	70	51046	15.043	ng/ul#		95
18) 4-Methylphenol	8.831	108	64156	16.822	ng/ul		96
19) Hexachloroethane	9.131	117	27588	19.527	ng/ul		87
22) Nitrobenzene	9.260	77	82185	18.162	ng/ul#		96
23) Isophorone	9.777	82	150392	14.711	ng/ul#		96
25) 2-Nitrophenol	9.965	139	36586	19.707	ng/ul		90
26) 2,4-Dimethylphenol	10.030	107	80058	18.018	ng/ul		93
27) Bis(2-Chloroethoxy)met...	10.259	93	81664	14.506	ng/ul		99
29) 2,4-Dichlorophenol	10.511	162	63803	19.344	ng/ul		94
30) Naphthalene	10.911	128	207658	18.036	ng/ul#		95
32) 4-Chloroaniline	11.022	127	85692	17.131	ng/ul		99
33) Hexachlorobutadiene	11.175	225	57387	23.121	ng/ul		99
34) Caprolactam	11.798	113	20336m	15.737	ng/ul		
35) 4-Chloro-3-methylphenol	12.156	107	78713	17.918	ng/ul		93

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062082.D
Acq On : 16 Jul 2024 00:51
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 16 02:00:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.509	142	144770	17.356	ng/ul	87
37) 1-Methylnaphthalene	12.732	142	154634	17.839	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.873	216	88645	20.237	ng/ul	99
40) Hexachlorocyclopentadiene	12.844	237	20334	6.973	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.126	196	55414	19.046	ng/ul#	96
42) 2,4,5-Trichlorophenol	13.202	196	60803	19.025	ng/ul	96
43) 1,1'-Biphenyl	13.514	154	204938	18.235	ng/ul#	98
44) 2-Chloronaphthalene	13.561	162	156869	18.598	ng/ul	94
45) 2-Nitroaniline	13.766	65	66858	19.793	ng/ul	93
47) Dimethylphthalate	14.125	163	196693	17.052	ng/ul	97
48) 2,6-Dinitrotoluene	14.260	165	40319	18.426	ng/ul#	89
50) Acenaphthylene	14.401	152	241078	17.517	ng/ul	99
51) 3-Nitroaniline	14.589	138	37426	17.571	ng/ul	93
52) Acenaphthene	14.742	153	164784	17.340	ng/ul	96
53) 2,4-Dinitrophenol	14.800	184	19944m	17.446	ng/ul	
55) 4-Nitrophenol	14.912	109	39445	18.047	ng/ul	91
56) Dibenzofuran	15.077	168	238518	17.759	ng/ul	99
57) 2,4-Dinitrotoluene	15.041	165	59699	18.603	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.306	232	50560	17.519	ng/ul#	90
59) Diethylphthalate	15.482	149	204773	16.474	ng/ul	95
61) Fluorene	15.723	166	196342	17.189	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.711	204	105693	18.422	ng/ul	90
63) 4-Nitroaniline	15.752	138	37758	17.470	ng/ul#	69
66) 4,6-Dinitro-2-methylph...	15.805	198	28850	15.679	ng/ul#	95
67) N-Nitrosodiphenylamine	15.928	169	160937	18.102	ng/ul	99
68) 4-Bromophenyl-phenylether	16.610	248	72518	19.635	ng/ul	98
69) Hexachlorobenzene	16.728	284	84494	19.896	ng/ul	97
70) Atrazine	16.874	200	67820	19.324	ng/ul	93
71) Pentachlorophenol	17.074	266	52008	22.279	ng/ul	89
72) Phenanthrene	17.468	178	301541	17.567	ng/ul	98
74) Anthracene	17.562	178	312426	17.612	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.478	216	90819	22.461	ng/ul	94
76) Pentachlorobenzene	14.994	250	98986	21.464	ng/ul	96
77) Carbazole	17.832	167	263457	17.647	ng/ul	97
78) Di-n-butylphthalate	18.373	149	330598	17.248	ng/ul#	96
80) Fluoranthene	19.471	202	347131	17.644	ng/ul#	92
82) Pyrene	19.836	202	350980	17.270	ng/ul#	93
83) Butylbenzylphthalate	20.711	149	142999	16.766	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.581	252	132996	19.779	ng/ul	96
85) Benzo(a)anthracene	21.669	228	362774	17.728	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.557	149	207443	16.950	ng/ul	96
87) Chrysene	21.733	228	333109	17.388	ng/ul	99
89) Di-n-octyl phthalate	22.762	149	357525	18.166	ng/ul	100
90) Benzo(b)fluoranthene	23.884	252	370972	18.277	ng/ul#	96
91) Benzo(k)fluoranthene	23.948	252	374726	18.514	ng/ul#	96
93) Benzo(a)pyrene	24.753	252	361234m	18.795	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.584	276	397892m	16.200	ng/ul	
95) Dibenzo(a,h)anthracene	28.655	278	347502m	17.131	ng/ul	
96) Benzo(g,h,i)perylene	29.730	276	292620m	14.976	ng/ul	

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

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