Quantitation Report (Qedit)

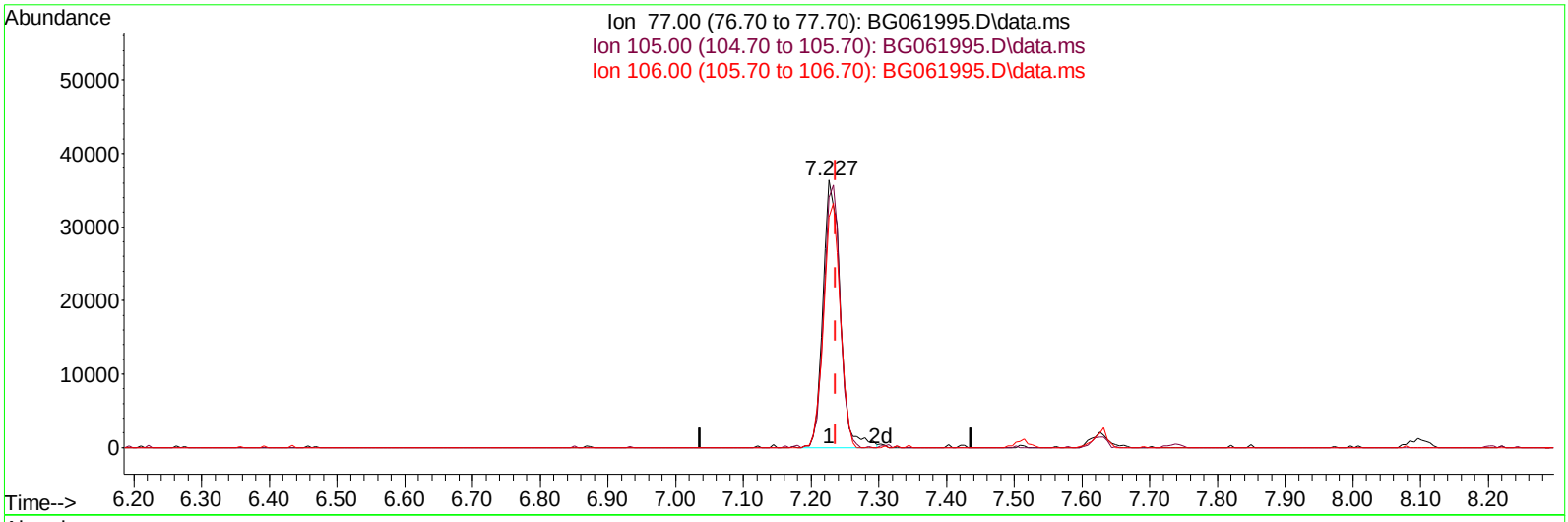
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061995.D
Acq On : 10 Jul 2024 12:31
Operator : MA/JU
Sample : P3102-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

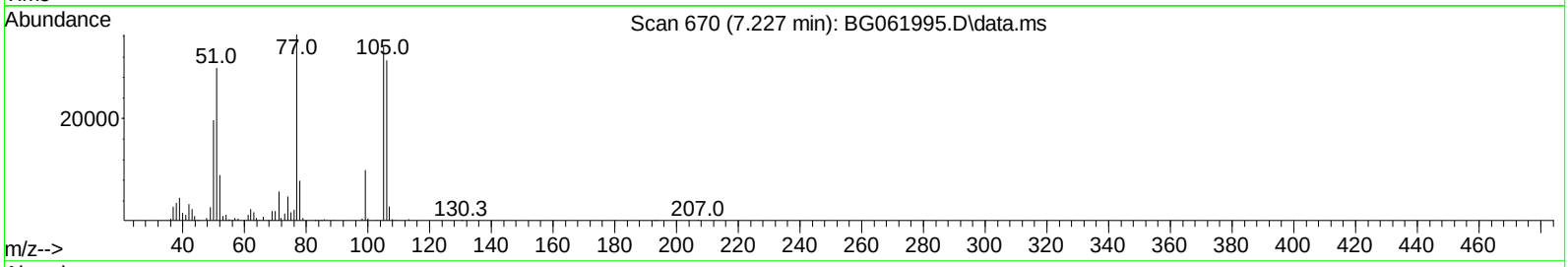
Quant Time: Jul 10 13:12:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

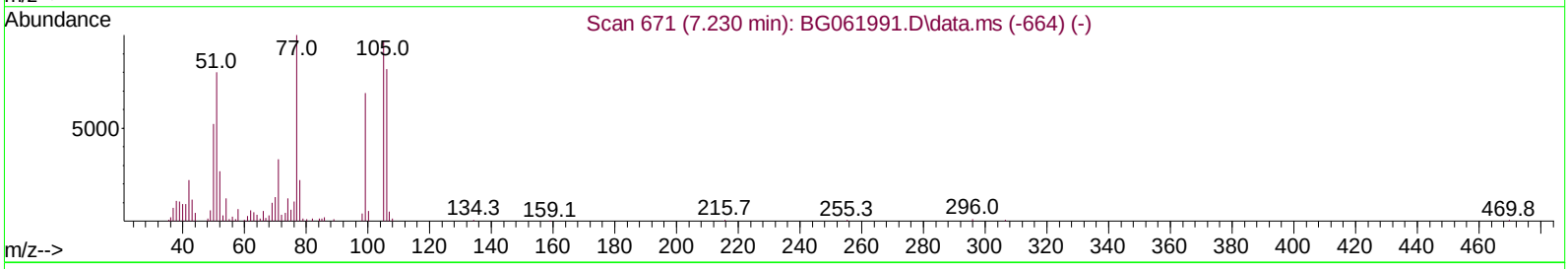
Instrument :
BNA_G
ClientSampleId :
A4CE1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024







TIC: BG061995.D\data.ms

(6) Benzaldehyde

7.227min (-0.010) 22.52 ng/ul

response 64882

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.50	93.42
106.00	78.20	86.16
0.00	0.00	0.00

Quantitation Report (Qedit)

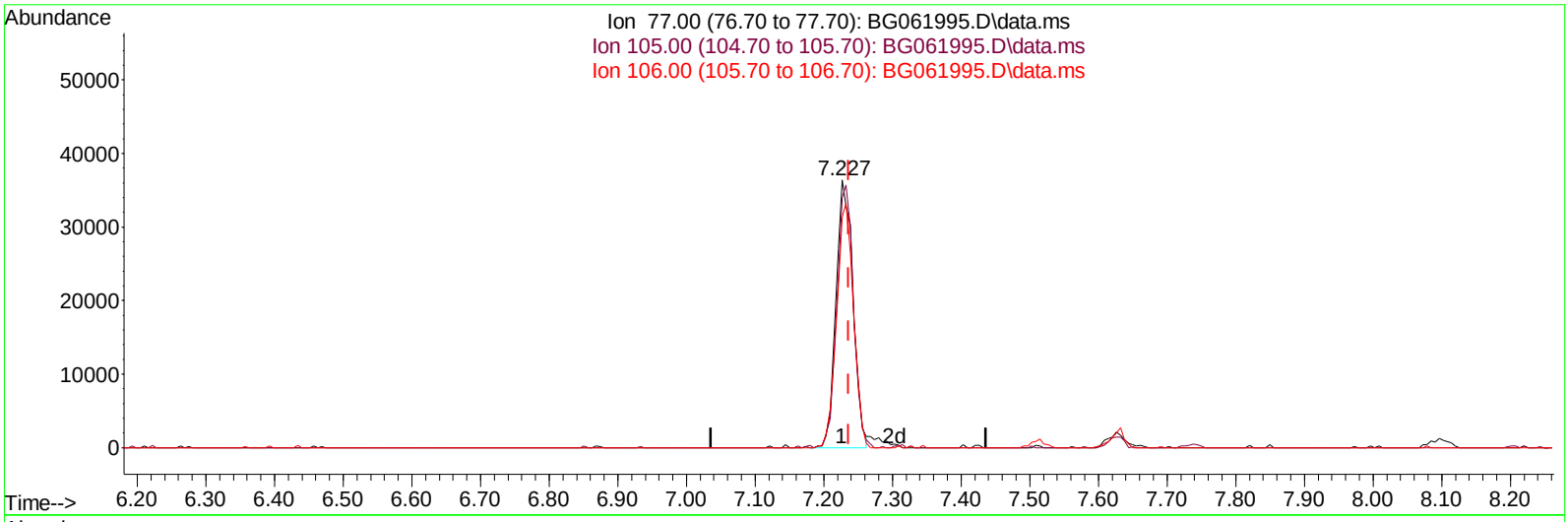
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061995.D
Acq On : 10 Jul 2024 12:31
Operator : MA/JU
Sample : P3102-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

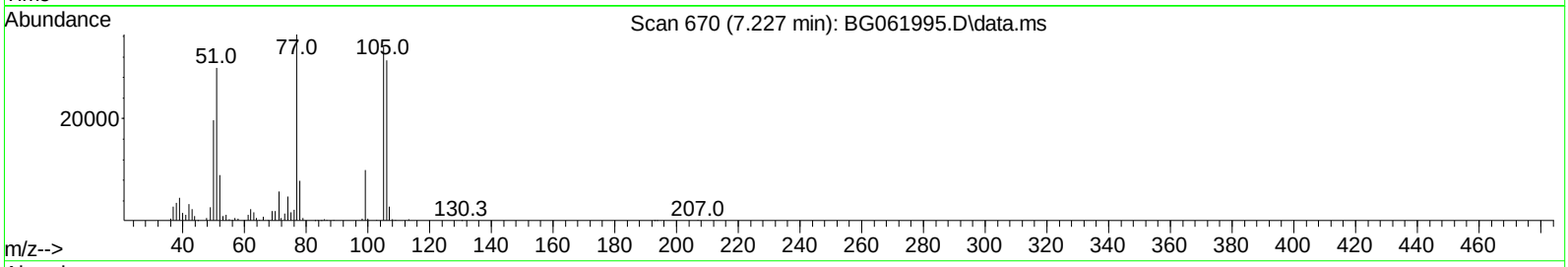
Quant Time: Jul 10 13:12:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

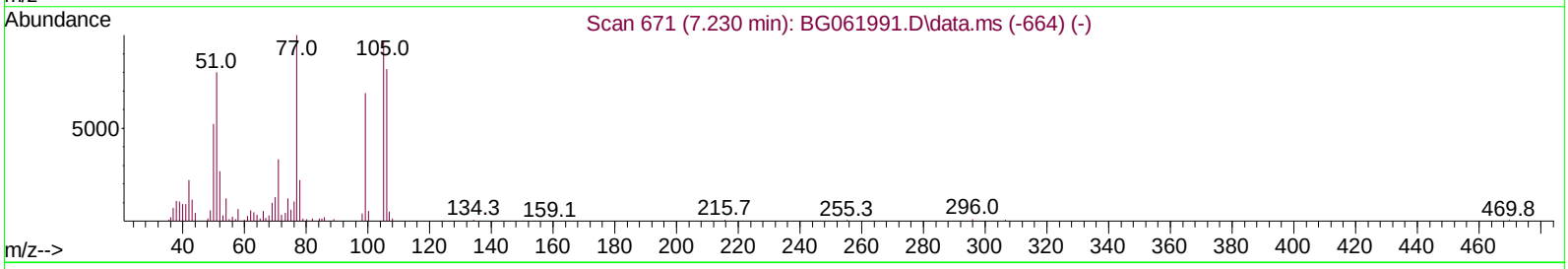
Instrument :
BNA_G
ClientSampleId :
A4CE1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024







TIC: BG061995.D\data.ms

(6) Benzaldehyde

7.227min (-0.010) 21.78 ng/ul m

response 62772

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.50	93.42
106.00	78.20	86.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061995.D
Acq On : 10 Jul 2024 12:31
Operator : MA/JU
Sample : P3102-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 10 13:12:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CE1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2024
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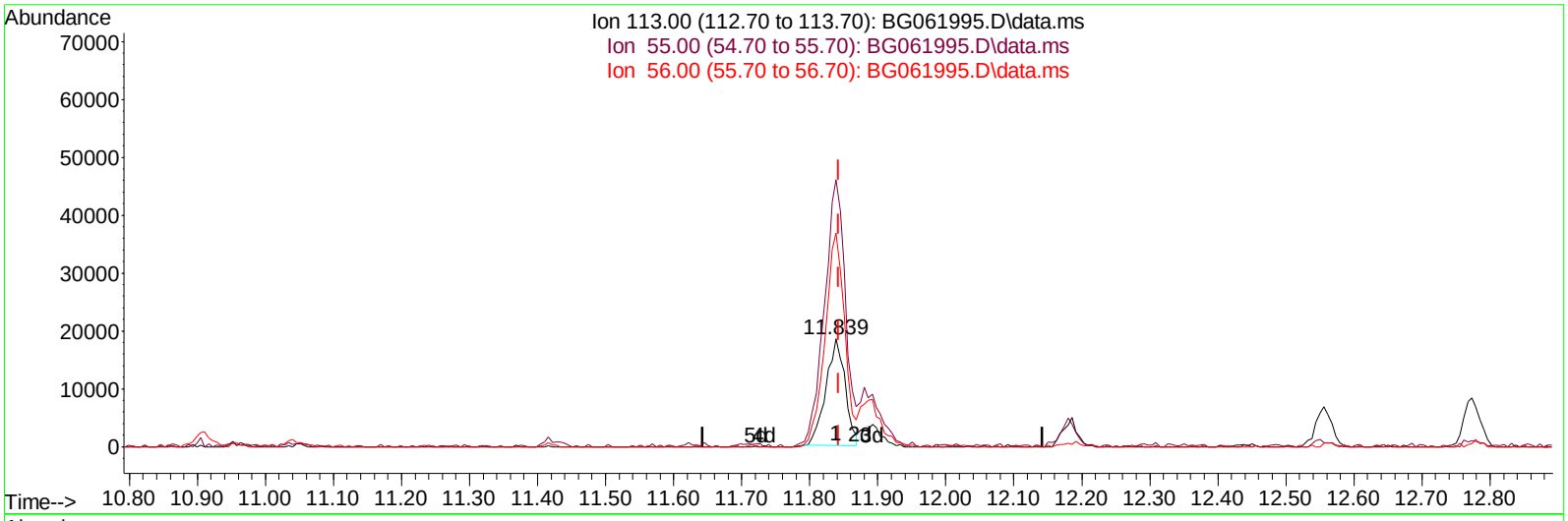
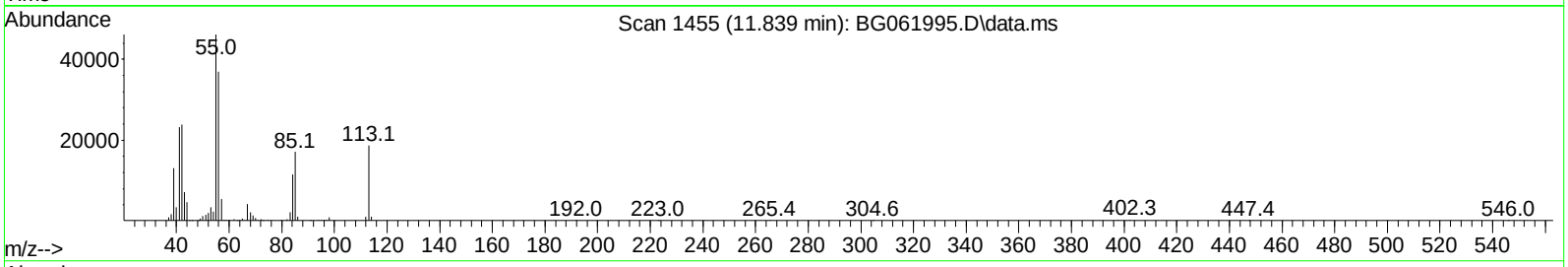
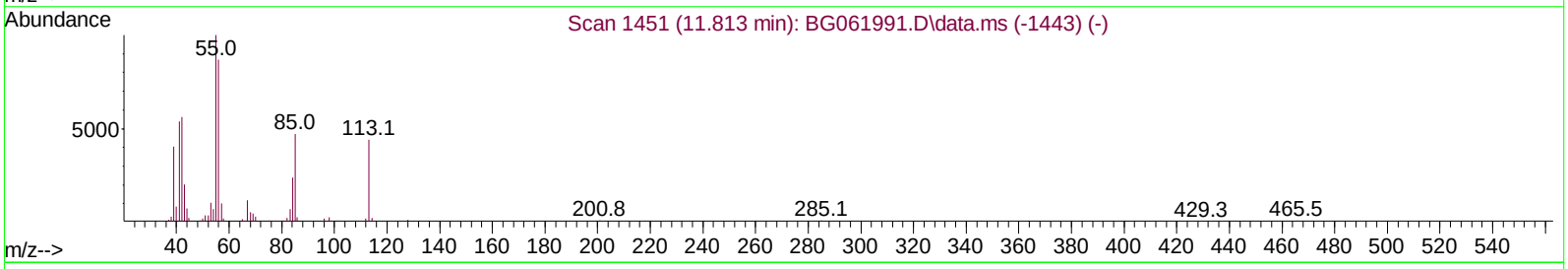






TIC: BG061995.D\data.ms

(34) Caprolactam

11.839min (-0.004) 23.55 ng/ul

response 36385

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	246.68
56.00	168.80	197.69
0.00	0.00	0.00

Quantitation Report (Qedit)

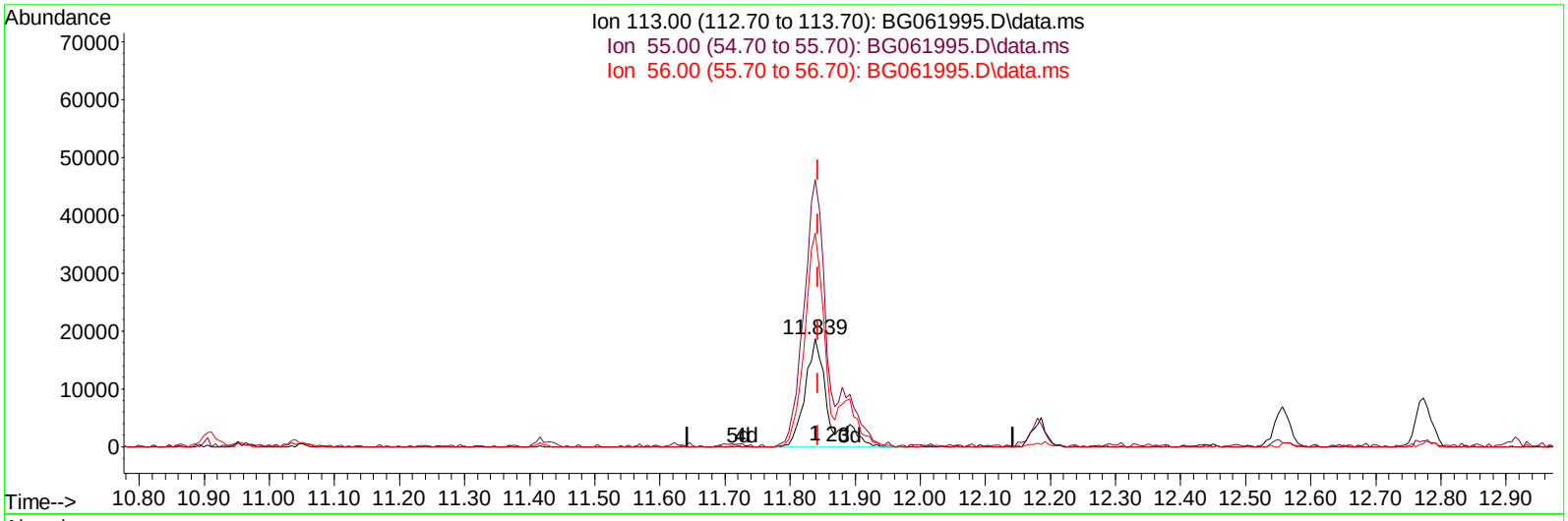
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061995.D
Acq On : 10 Jul 2024 12:31
Operator : MA/JU
Sample : P3102-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

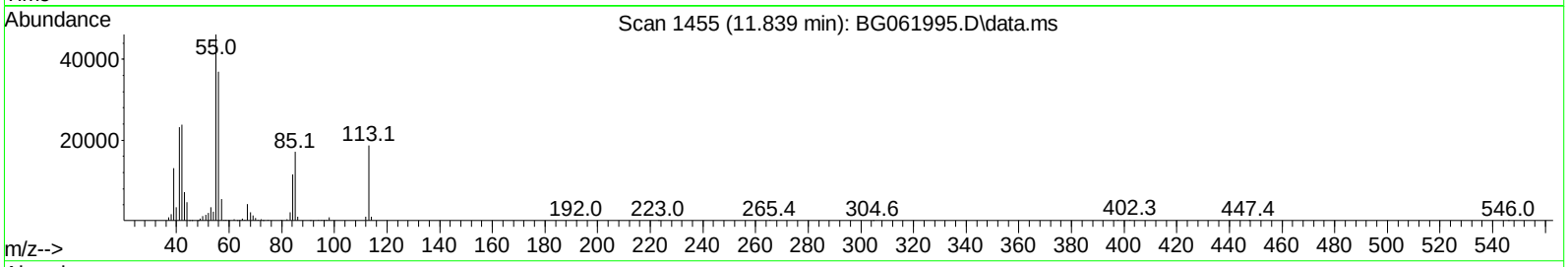
Quant Time: Jul 10 13:12:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

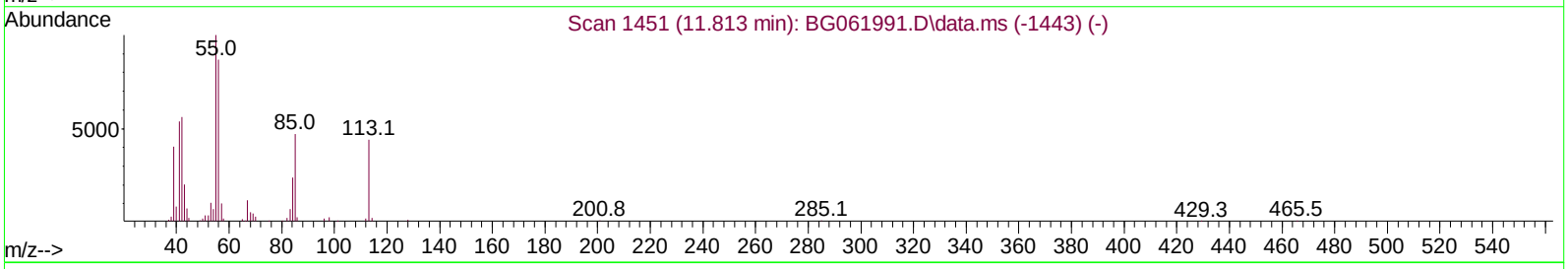
Instrument :
BNA_G
ClientSampleId :
A4CE1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024







TIC: BG061995.D\data.ms

(34) Caprolactam

11.839min (-0.004) 29.15 ng/ul m

response 45045

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	246.68
56.00	168.80	197.69
0.00	0.00	0.00

Quantitation Report (Qedit)

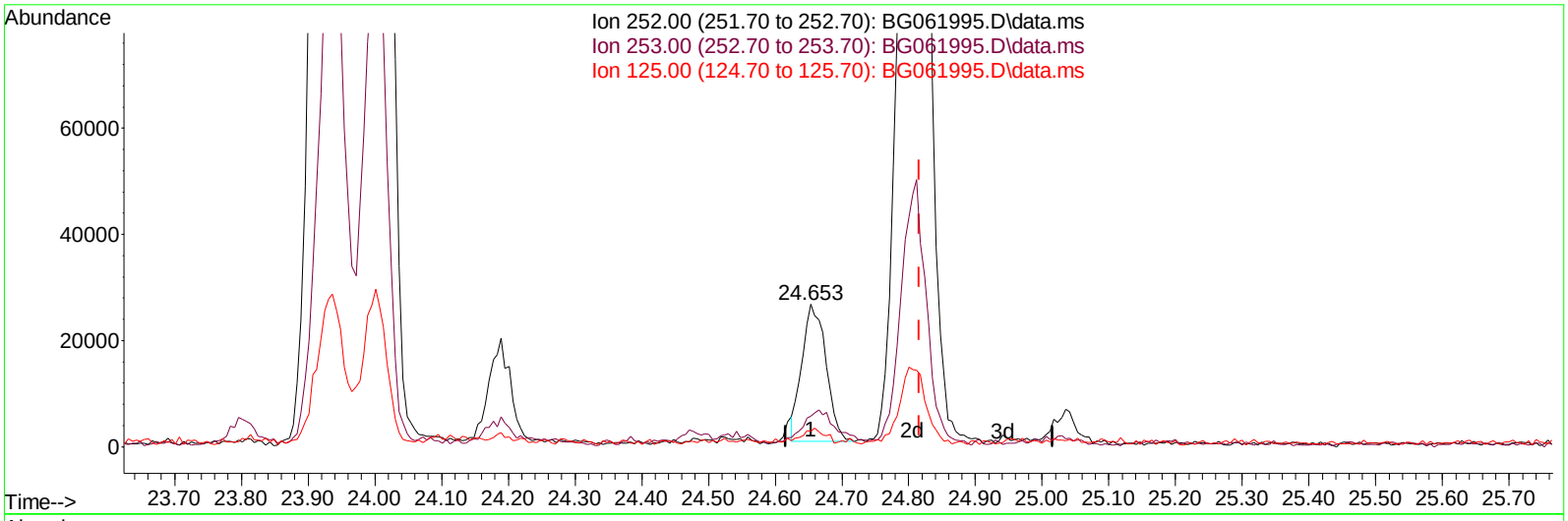
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061995.D
Acq On : 10 Jul 2024 12:31
Operator : MA/JU
Sample : P3102-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

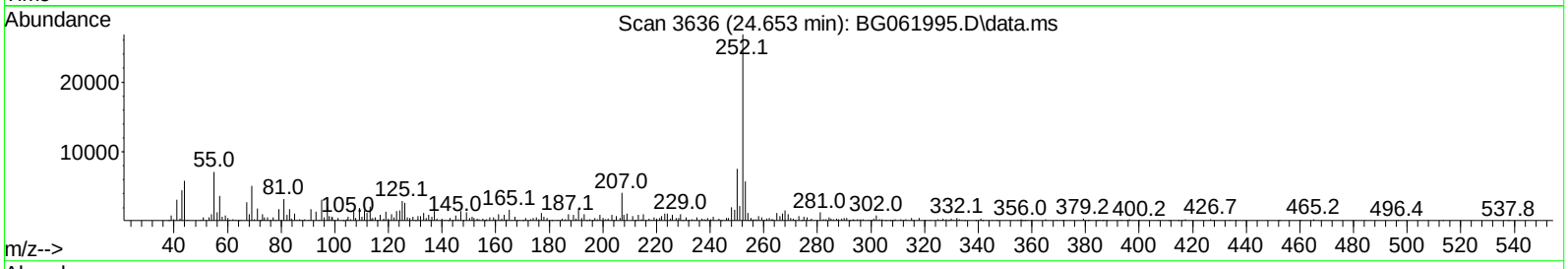
Quant Time: Jul 10 13:12:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

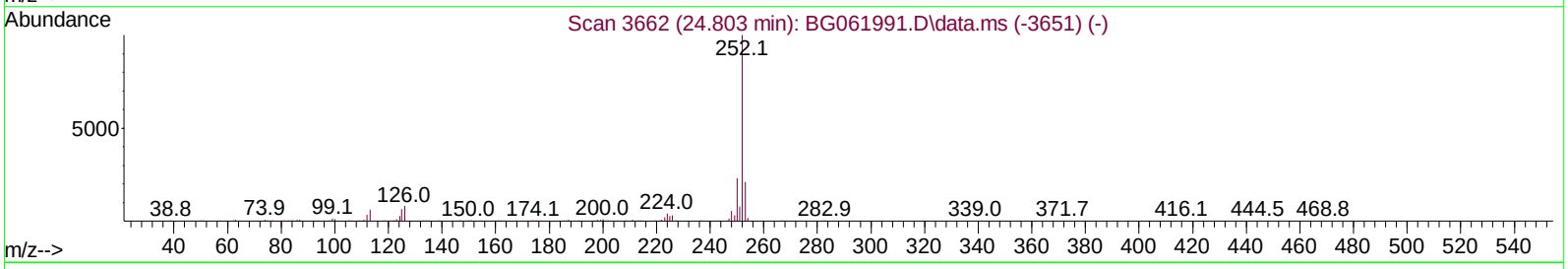
Instrument :
BNA_G
ClientSampleId :
A4CE1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024







TIC: BG061995.D\data.ms

(93) Benzo(a)pyrene (C)

24.653min (-0.162) 2.72 ng/ul

response 64642

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	21.44
125.00	9.30	11.08
0.00	0.00	0.00

Quantitation Report (Qedit)

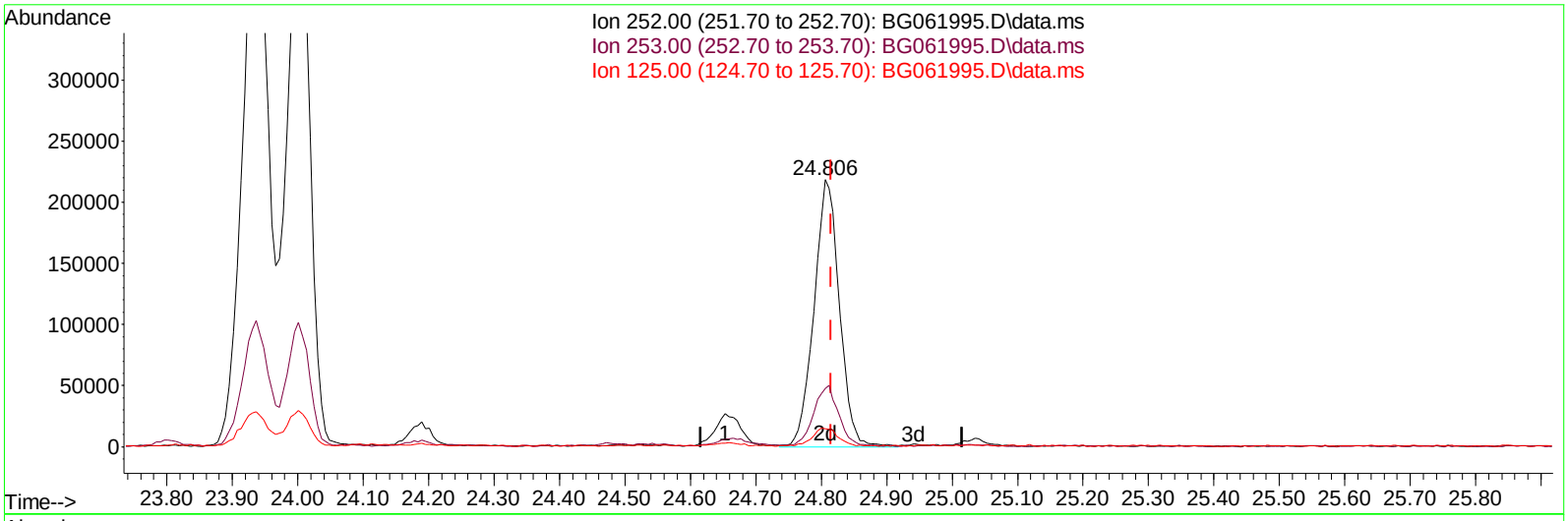
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061995.D
Acq On : 10 Jul 2024 12:31
Operator : MA/JU
Sample : P3102-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

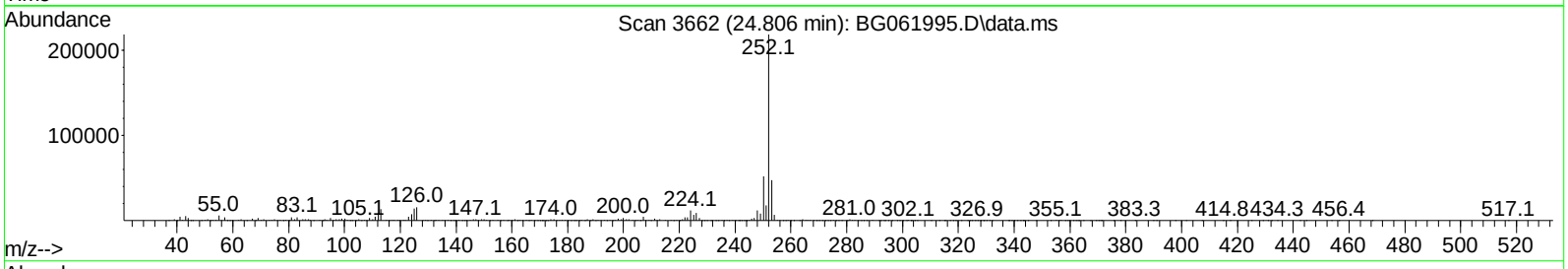
Quant Time: Jul 10 13:12:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

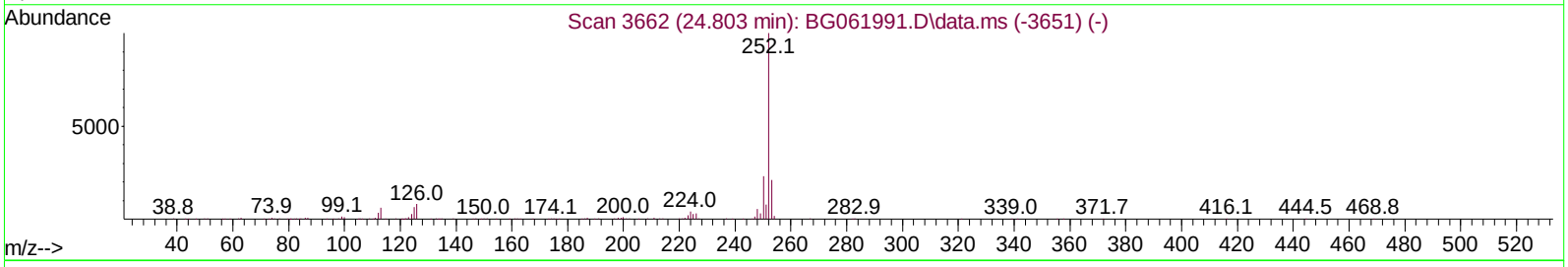
Instrument :
BNA_G
ClientSampleId :
A4CE1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024







TIC: BG061995.D\data.ms

(93) Benzo(a)pyrene (C)

24.806min (-0.010) 24.85 ng/ul m

response 591135

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	21.80
125.00	9.30	6.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

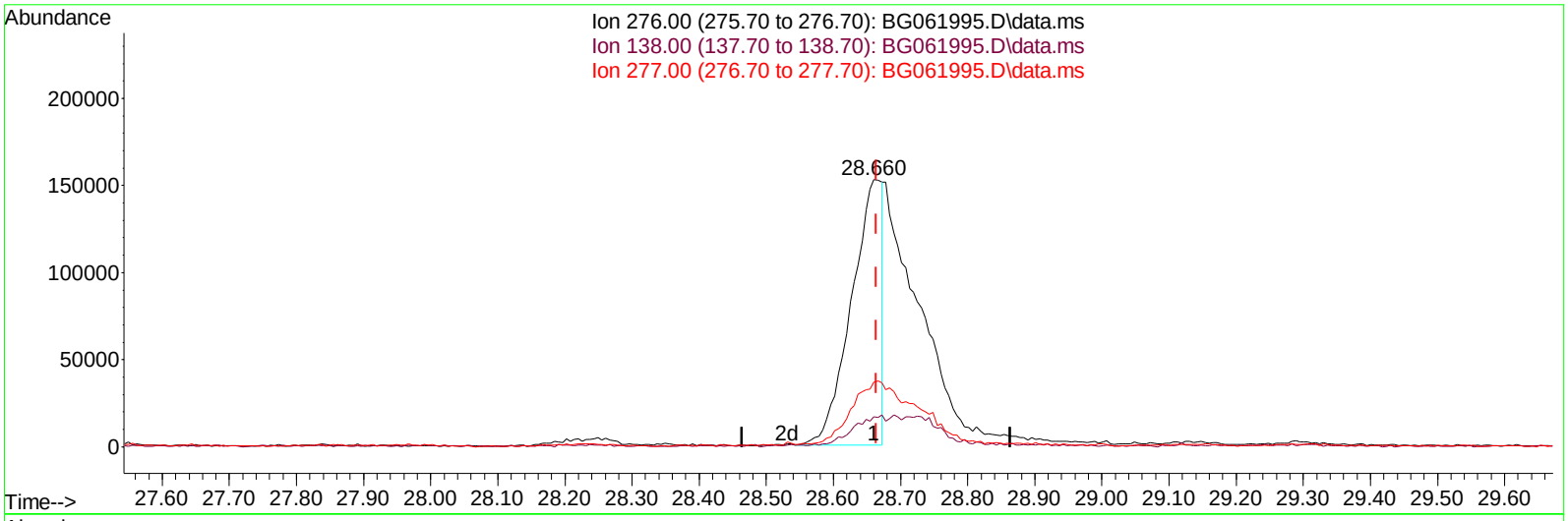
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061995.D
Acq On : 10 Jul 2024 12:31
Operator : MA/JU
Sample : P3102-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

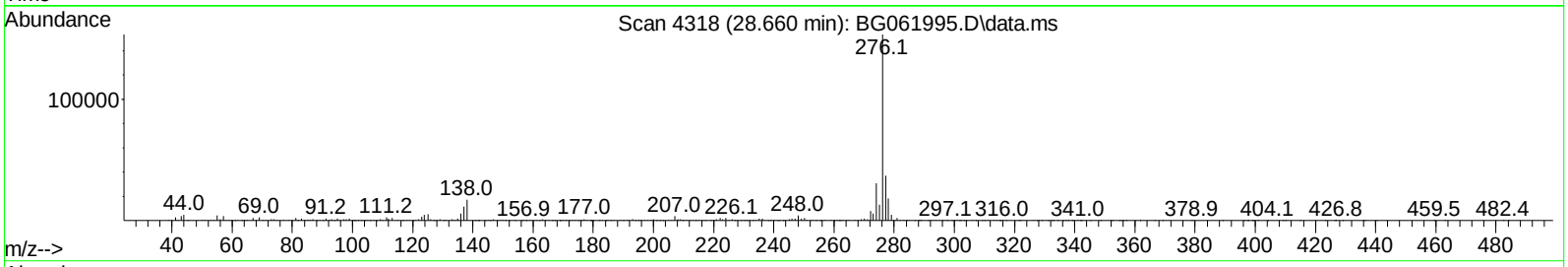
Quant Time: Jul 10 13:12:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

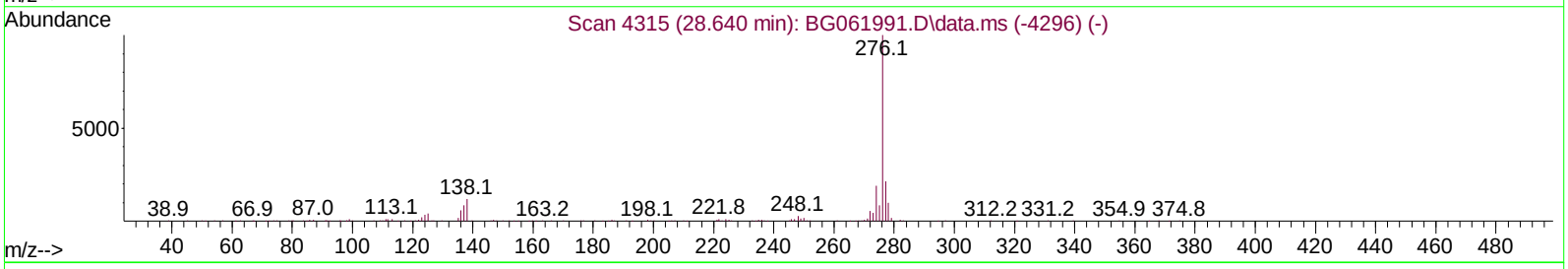
Instrument :
BNA_G
ClientSampleId :
A4CE1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024







TIC: BG061995.D\data.ms

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

28.660min (-0.004) 16.01 ng/ul

response 486541

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	11.28#
277.00	24.10	24.07
0.00	0.00	0.00

Quantitation Report (Qedit)

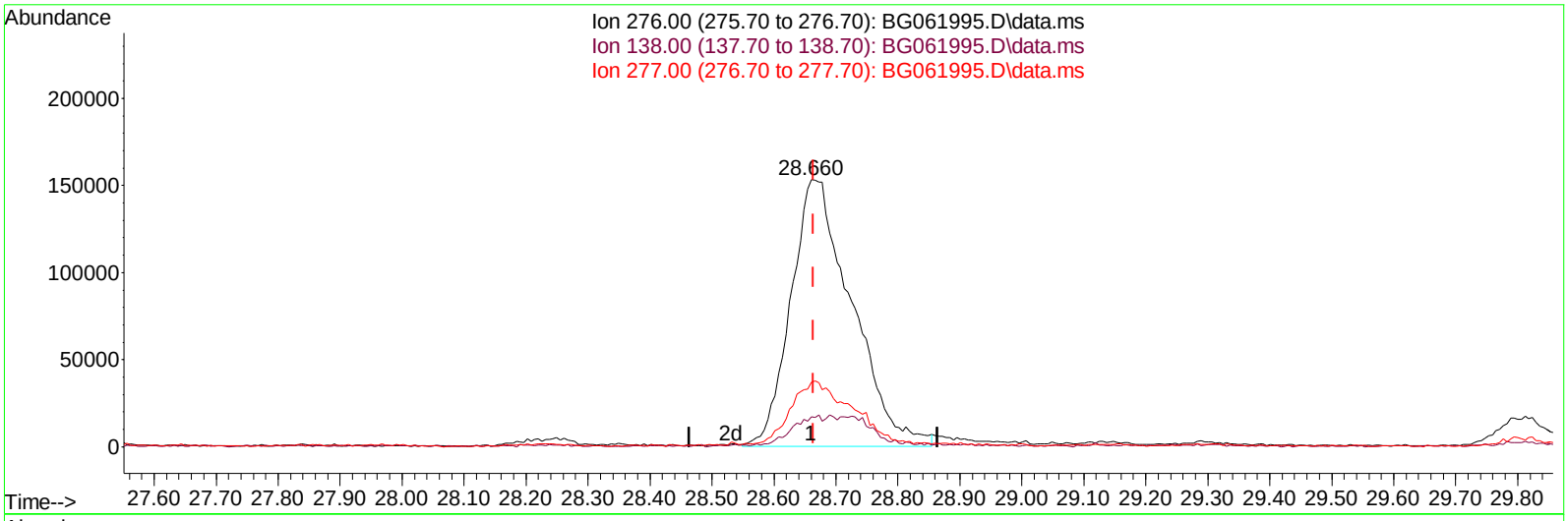
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061995.D
Acq On : 10 Jul 2024 12:31
Operator : MA/JU
Sample : P3102-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

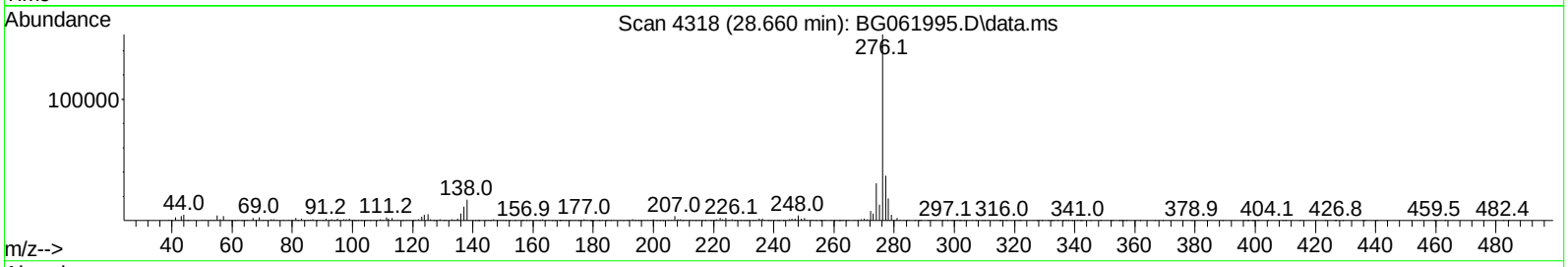
Quant Time: Jul 10 13:12:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

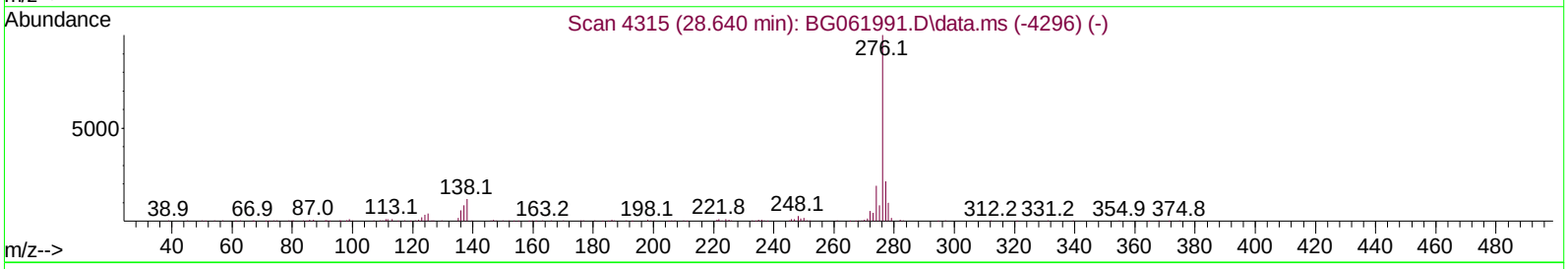
Instrument :
BNA_G
ClientSampleId :
A4CE1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024







TIC: BG061995.D\data.ms

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

28.660min (-0.004) 34.47 ng/ul m

response 1047890

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	11.28#
277.00	24.10	24.07
0.00	0.00	0.00

Quantitation Report (Qedit)

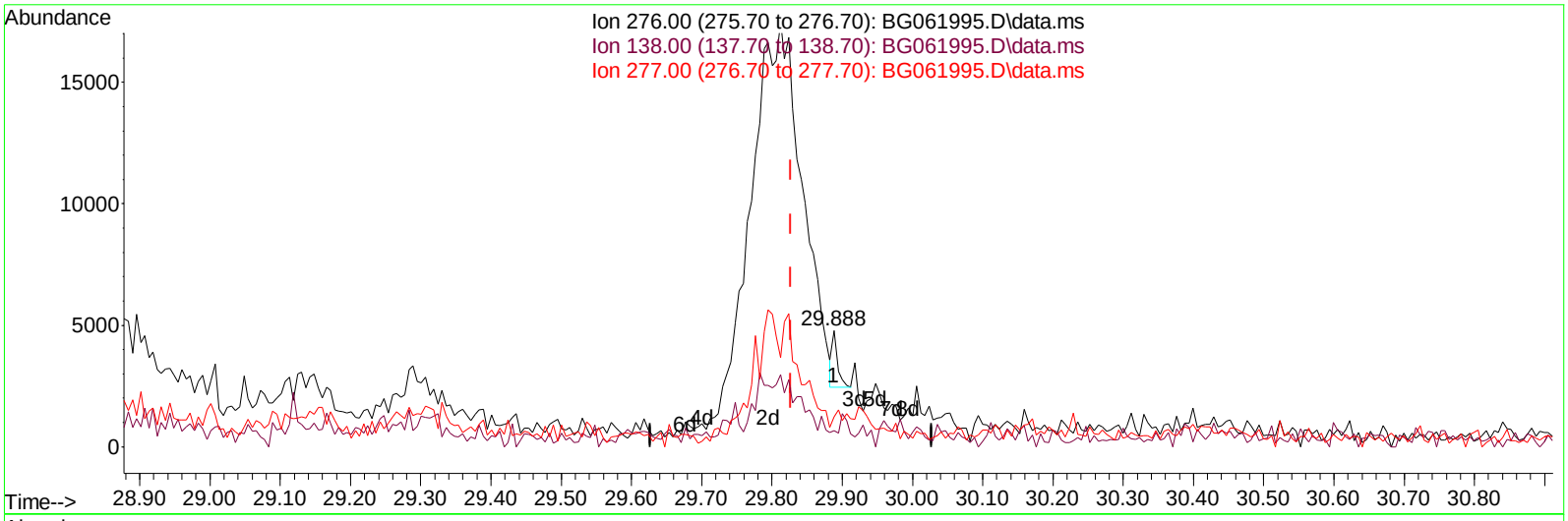
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061995.D
Acq On : 10 Jul 2024 12:31
Operator : MA/JU
Sample : P3102-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

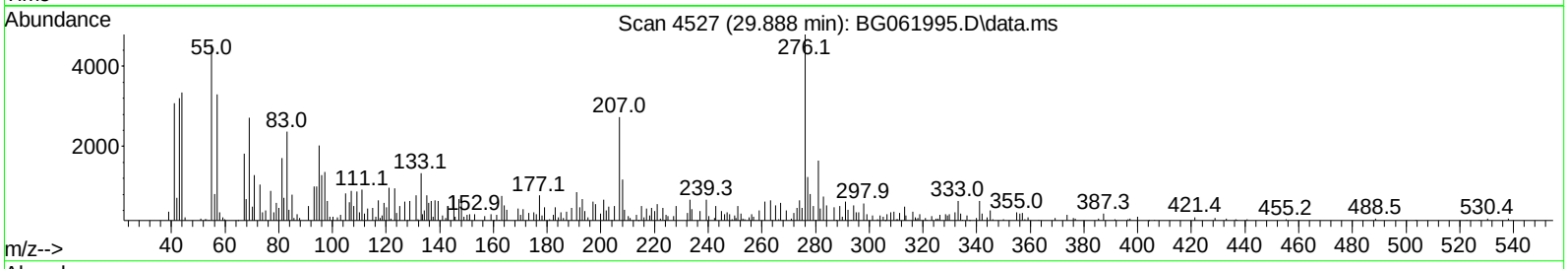
Quant Time: Jul 10 13:12:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

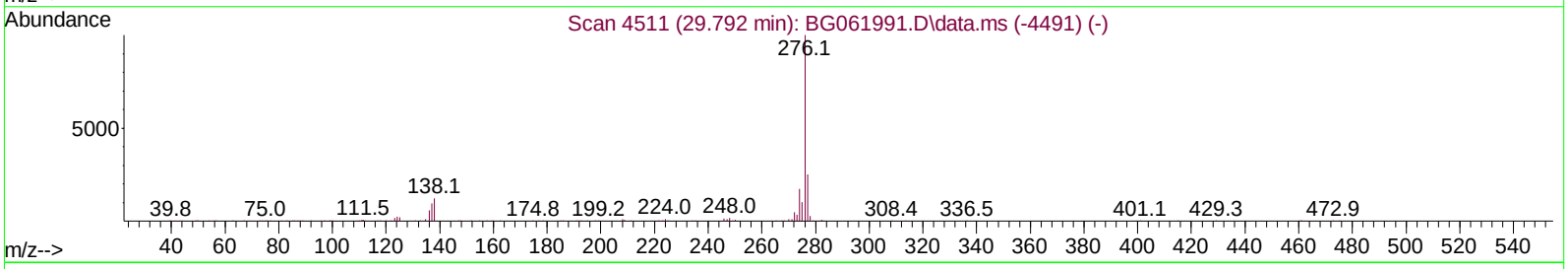
Instrument :
BNA_G
ClientSampleId :
A4CE1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024







TIC: BG061995.D\data.ms

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

29.888min (+ 0.061) 0.05 ng/ul

response 1203

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	13.76
277.00	23.50	25.74
0.00	0.00	0.00

Quantitation Report (Qedit)

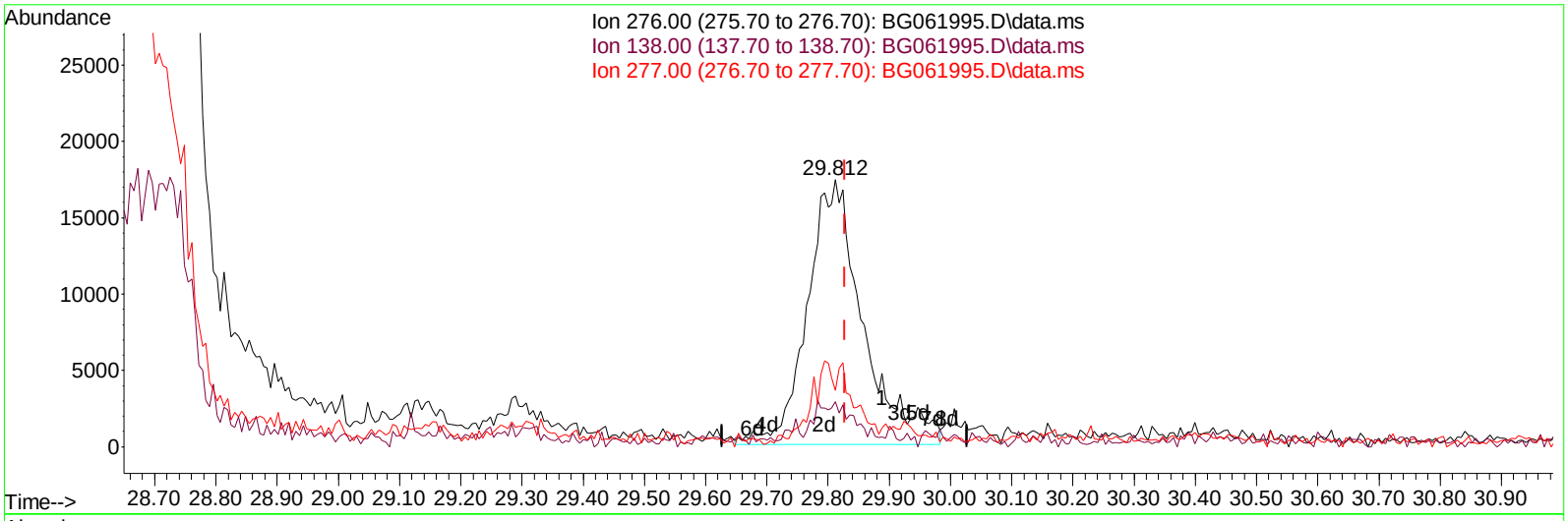
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061995.D
Acq On : 10 Jul 2024 12:31
Operator : MA/JU
Sample : P3102-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

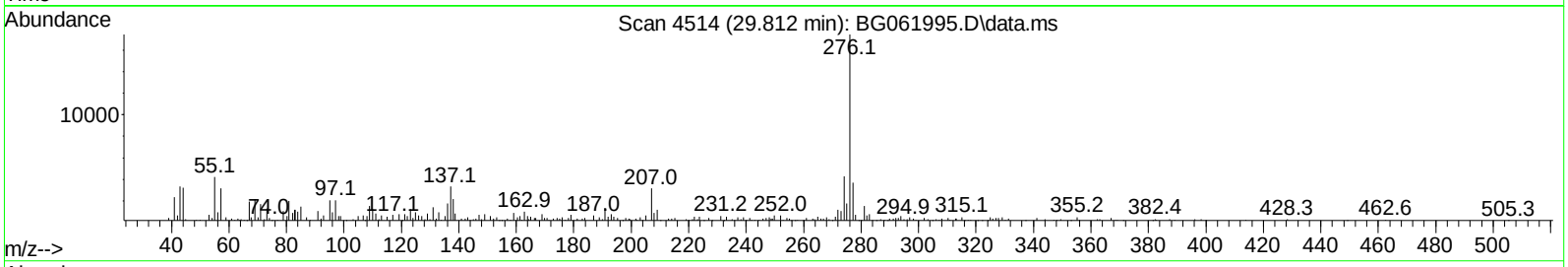
Quant Time: Jul 10 13:12:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

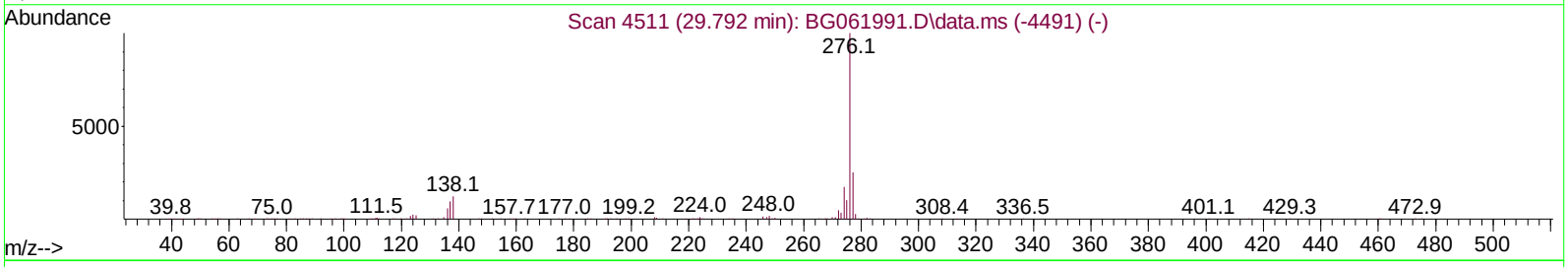
Instrument :
BNA_G
ClientSampleId :
A4CE1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024







TIC: BG061995.D\data.ms

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

29.812min (-0.015) 4.54 ng/ul m

response 109747

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	12.29
277.00	23.50	21.04
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061995.D
Acq On : 10 Jul 2024 12:31
Operator : MA/JU
Sample : P3102-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 10 13:17:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CE1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.096	152	49752	20.000	ng/ul		0.00
20) Naphthalene-d8	10.911	136	250612	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.718	164	174608	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.462	188	378891	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.721	240	322337	20.000	ng/ul		0.00
88) Perylene-d12	24.959	264	398703	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.478	96	4975	3.758	ng/uL		0.00
4) Pyridine-d5	3.907	84	26475	6.504	ng/ul		0.00
7) Phenol-d5	7.250	99	143679	26.389	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.415	67	80102	23.232	ng/ul		0.00
11) 2-Chlorophenol-d4	7.626	132	100452	26.896	ng/ul		0.00
15) 4-Methylphenol-d8	8.801	113	108426	25.293	ng/ul		0.00
21) Nitrobenzene-d5	9.260	128	55258	28.992	ng/ul		0.00
24) 2-Nitrophenol-d4	9.988	143	67459	30.993	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.523	165	133912	31.897	ng/ul		0.00
31) 4-Chloroaniline-d4	11.040	131	91738	15.051	ng/ul		0.00
46) Dimethylphthalate-d6	14.119	166	396574	27.626	ng/ul		0.00
49) Acenaphthylene-d8	14.412	160	433432	28.875	ng/ul		0.00
54) 4-Nitrophenol-d4	14.918	143	61151	26.675	ng/ul		0.00
60) Fluorene-d10	15.705	176	338997	28.052	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	65904	33.120	ng/ul		0.00
73) Anthracene-d10	17.556	188	507050	28.663	ng/ul		0.00
81) Pyrene-d10	19.835	212	496838	26.205	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.741	264	388693	19.657	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.519	88	15380	10.525	ng/uL	#	84
5) Pyridine	3.925	79	60894	14.586	ng/ul		98
6) Benzaldehyde	7.227	77	62772m	21.784	ng/ul		
8) Phenol	7.280	94	193659	34.741	ng/ul		91
10) Bis(2-Chloroethyl)ether	7.509	93	133191	31.103	ng/ul		94
12) 2-Chlorophenol	7.662	128	136282	35.817	ng/ul		95
13) 2-Methylphenol	8.537	108	135206	33.983	ng/ul		94
14) 2,2'-oxybis(1-Chloropr...	8.613	45	281183	30.055	ng/ul		99
16) Acetophenone	8.925	105	241179	34.059	ng/ul		99
17) N-Nitroso-di-n-propyla...	8.901	70	125176	31.575	ng/ul		90
18) 4-Methylphenol	8.866	108	154571	34.691	ng/ul		96
19) Hexachloroethane	9.177	117	45418	27.516	ng/ul		88
22) Nitrobenzene	9.307	77	197739	36.548	ng/ul		97
23) Isophorone	9.824	82	371421	30.387	ng/ul	#	98
25) 2-Nitrophenol	10.018	139	84824	38.214	ng/ul	#	91
26) 2,4-Dimethylphenol	10.070	107	146086	27.499	ng/ul		96
27) Bis(2-Chloroethoxy)met...	10.305	93	208594	30.989	ng/ul		98
29) 2,4-Dichlorophenol	10.552	162	153235	38.856	ng/ul		98
30) Naphthalene	10.958	128	506601	36.800	ng/ul		98
32) 4-Chloroaniline	11.063	127	105862	17.700	ng/ul		99
33) Hexachlorobutadiene	11.228	225	121908	41.079	ng/ul		95
34) Caprolactam	11.839	113	45045m	29.154	ng/ul		
35) 4-Chloro-3-methylphenol	12.180	107	197235	37.552	ng/ul		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061995.D
Acq On : 10 Jul 2024 12:31
Operator : MA/JU
Sample : P3102-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 10 13:17:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CE1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.556	142	368416	36.941 ng/ul	92
37) 1-Methylnaphthalene	12.773	142	380253	36.689 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.914	216	211953	40.422 ng/ul	99
40) Hexachlorocyclopentadiene	12.891	237	62266	17.838 ng/ul#	93
41) 2,4,6-Trichlorophenol	13.155	196	138811	39.857 ng/ul	97
42) 2,4,5-Trichlorophenol	13.231	196	147577	38.574 ng/ul	94
43) 1,1'-Biphenyl	13.555	154	501364	37.267 ng/ul	99
44) 2-Chloronaphthalene	13.602	162	385503	38.180 ng/ul	94
45) 2-Nitroaniline	13.807	65	164320	40.639 ng/ul	94
47) Dimethylphthalate	14.166	163	485938	35.194 ng/ul	99
48) 2,6-Dinitrotoluene	14.295	165	105659	40.338 ng/ul	99
50) Acenaphthylene	14.442	152	587146	35.640 ng/ul	97
51) 3-Nitroaniline	14.624	138	84917	33.305 ng/ul	99
52) Acenaphthene	14.783	153	421559	37.058 ng/ul	95
53) 2,4-Dinitrophenol	14.830	184	57436	41.971 ng/ul	96
55) 4-Nitrophenol	14.929	109	110326	42.166 ng/ul	92
56) Dibenzofuran	15.117	168	590152	36.706 ng/ul	99
57) 2,4-Dinitrotoluene	15.076	165	157610	41.029 ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.341	232	127496	36.905 ng/ul#	98
59) Diethylphthalate	15.523	149	509673	34.254 ng/ul	96
61) Fluorene	15.764	166	497422	36.380 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.752	204	245670	35.771 ng/ul	91
63) 4-Nitroaniline	15.787	138	91875	35.512 ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.840	198	97041	45.314 ng/ul	95
67) N-Nitrosodiphenylamine	15.964	169	406029	39.240 ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	174331	40.557 ng/ul	99
69) Hexachlorobenzene	16.757	284	161060	32.586 ng/ul	97
70) Atrazine	16.910	200	104062	25.476 ng/ul	99
71) Pentachlorophenol	17.103	266	98118	36.115 ng/ul	98
72) Phenanthrene	17.503	178	957259	47.915 ng/ul	98
74) Anthracene	17.591	178	785762	38.058 ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.519	216	224599	47.728 ng/ul	99
76) Pentachlorobenzene	15.029	250	200406	37.339 ng/ul	94
77) Carbazole	17.861	167	629288	36.217 ng/ul	97
78) Di-n-butylphthalate	18.408	149	829376	37.178 ng/ul	100
80) Fluoranthene	19.506	202	1290375	57.510 ng/ul#	93
82) Pyrene	19.865	202	1033632	44.597 ng/ul#	96
83) Butylbenzylphthalate	20.740	149	370198	38.058 ng/ul	91
84) 3,3'-Dichlorobenzidine	21.616	252	48394	6.311 ng/ul#	97
85) Benzo(a)anthracene	21.704	228	1101193	47.184 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.592	149	626295	44.870 ng/ul	100
87) Chrysene	21.769	228	1080906	49.474 ng/ul	97
89) Di-n-octyl phthalate	22.814	149	916165	37.612 ng/ul	100
90) Benzo(b)fluoranthene	23.937	252	1251567	49.824 ng/ul	98
91) Benzo(k)fluoranthene	24.001	252	1101565	43.976 ng/ul	96
93) Benzo(a)pyrene	24.806	252	591135m	24.851 ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.660	276	1047890m	34.473 ng/ul	
95) Dibenzo(a,h)anthracene	28.737	278	1008702	40.179 ng/ul	96
96) Benzo(g,h,i)perylene	29.812	276	109747m	4.538 ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
A4CE1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG061995.D
Acq On : 10 Jul 2024 12:31
Operator : MA/JU
Sample : P3102-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 10 13:17:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CE1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024