Quantitation Report (Qedit)

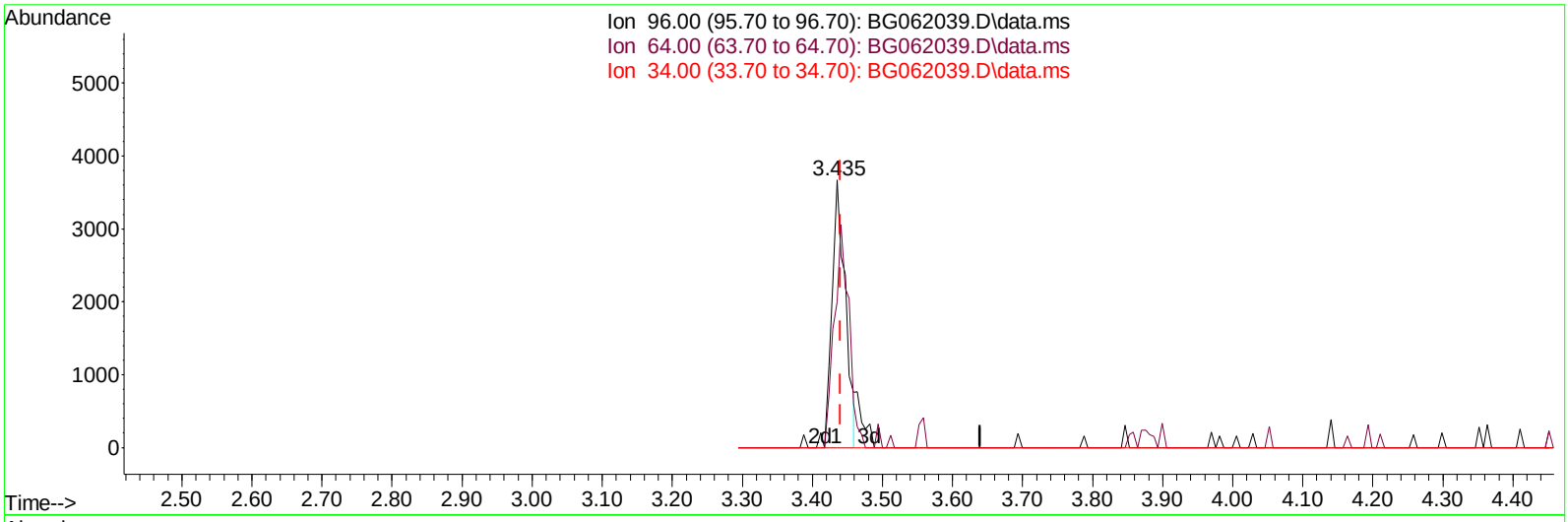
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062039.D
Acq On : 12 Jul 2024 12:03
Operator : MA/JU
Sample : P3101-03MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

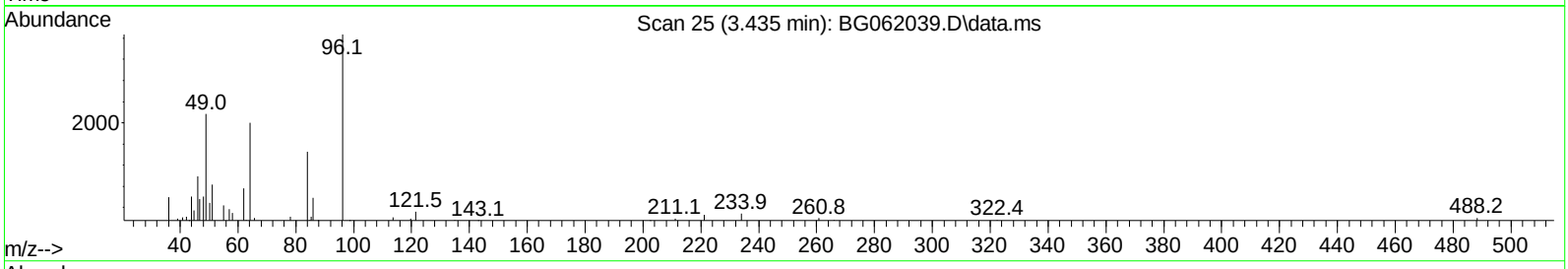
Quant Time: Jul 12 13:32:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

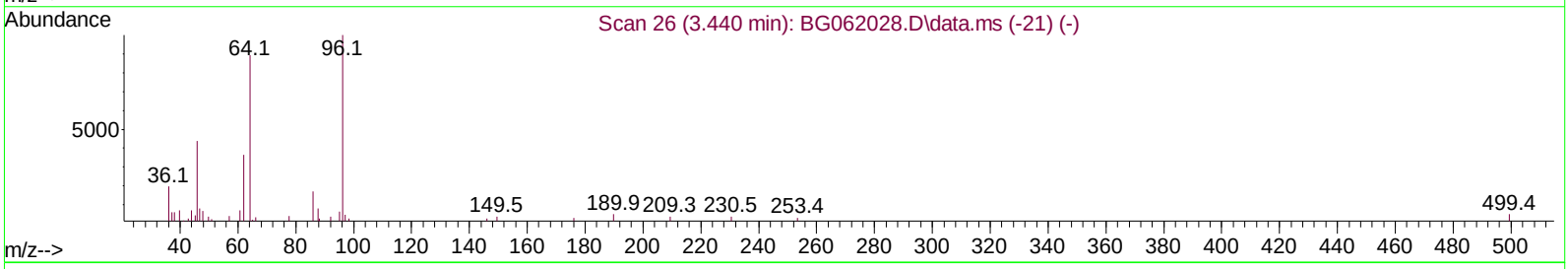
Instrument :
BNA_G
ClientSampleId :
A4CD6MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024







TIC: BG062039.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.435min (-0.005) 3.22 ng/uL

response 4853

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	54.54#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

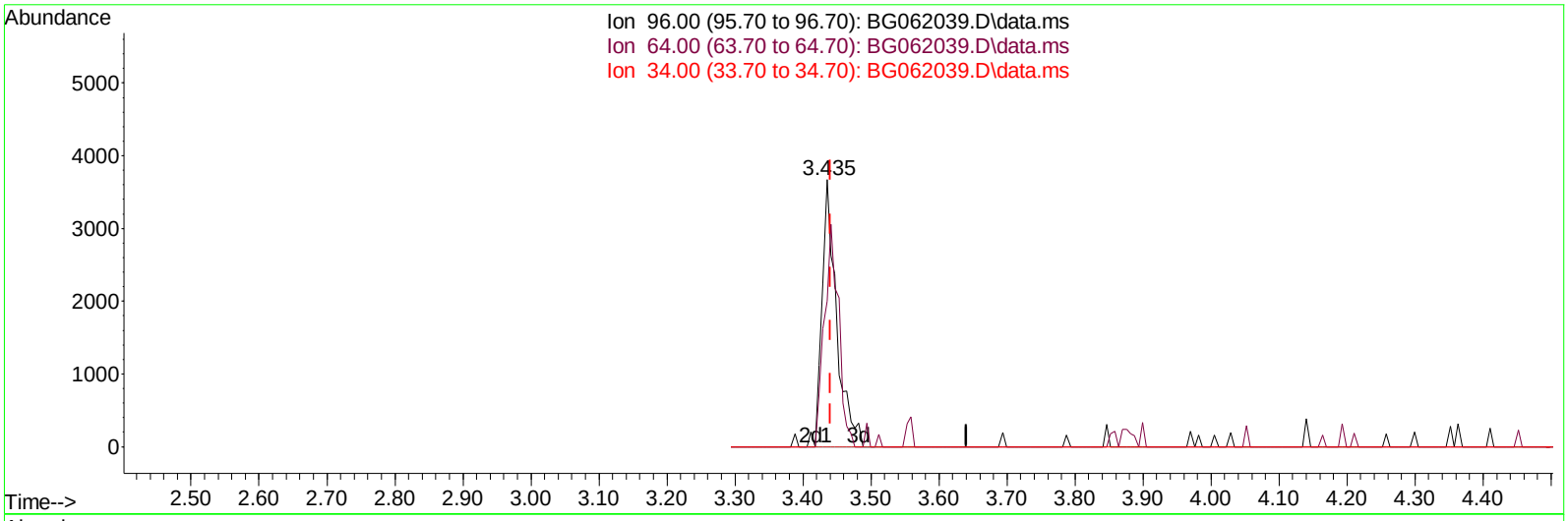
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062039.D
Acq On : 12 Jul 2024 12:03
Operator : MA/JU
Sample : P3101-03MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

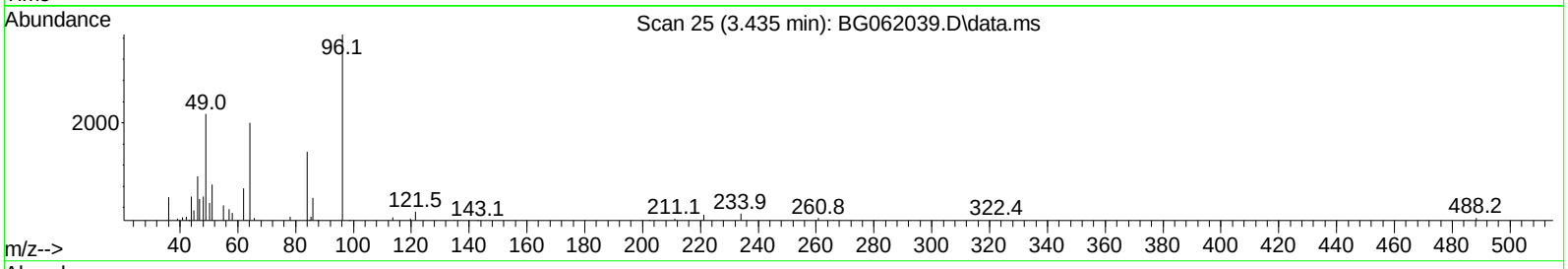
Quant Time: Jul 12 13:32:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

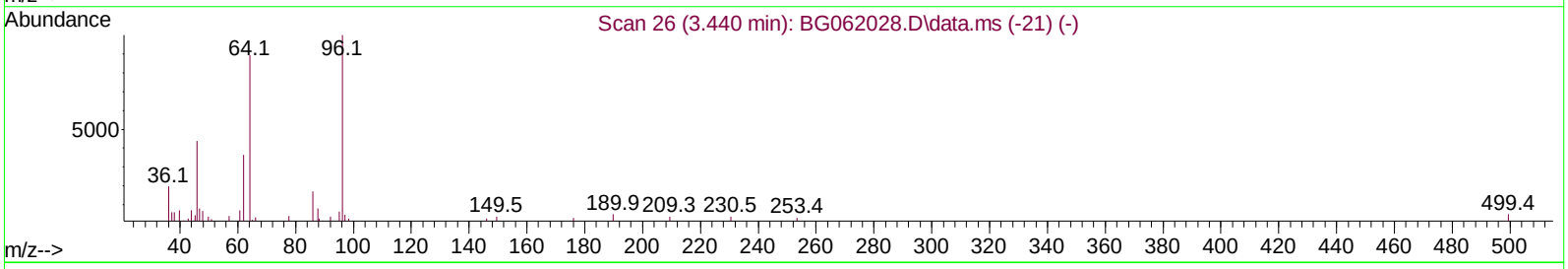
Instrument :
BNA_G
ClientSampleId :
A4CD6MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024







TIC: BG062039.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.435min (-0.005) 3.66 ng/uL m

response 5518

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	54.54#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

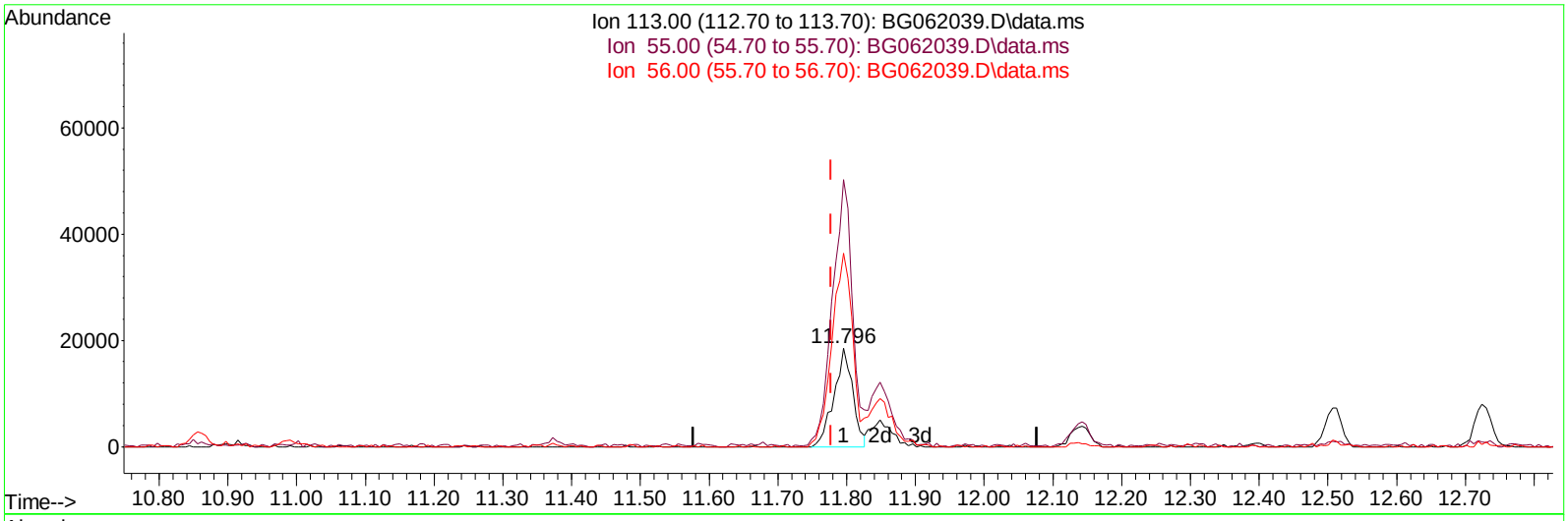
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062039.D
Acq On : 12 Jul 2024 12:03
Operator : MA/JU
Sample : P3101-03MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

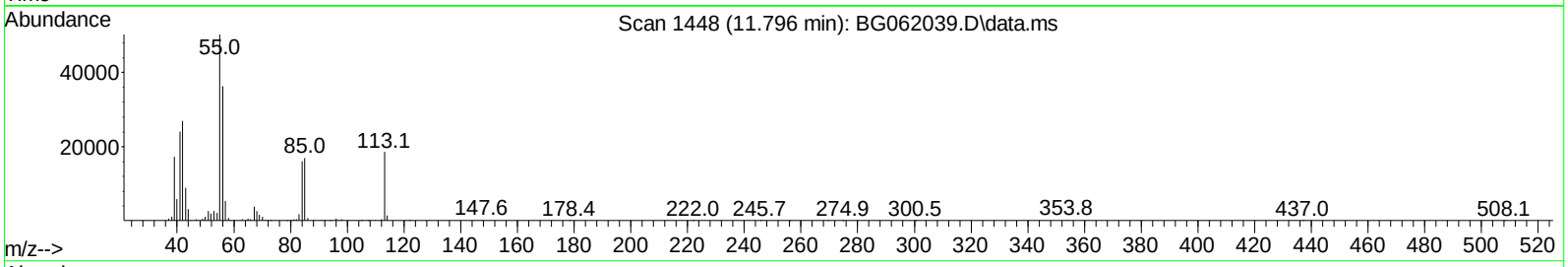
Quant Time: Jul 12 13:32:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

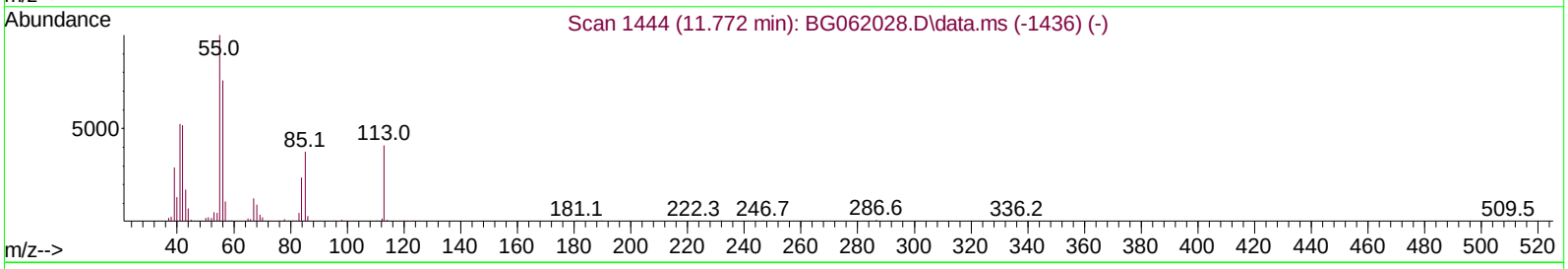
Instrument :
BNA_G
ClientSampleId :
A4CD6MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024







TIC: BG062039.D\data.ms

(34) Caprolactam

11.796min (+ 0.018) 22.84 ng/ul

response 35062

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	270.25
56.00	168.80	195.82
0.00	0.00	0.00

Quantitation Report (Qedit)

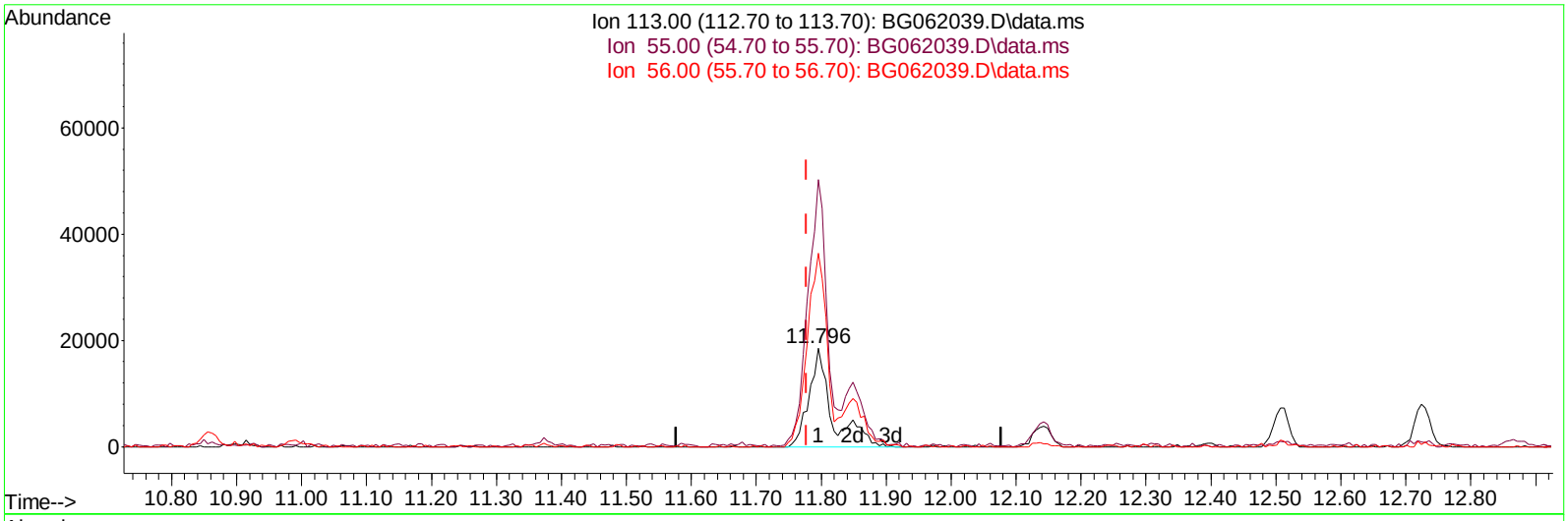
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062039.D
Acq On : 12 Jul 2024 12:03
Operator : MA/JU
Sample : P3101-03MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

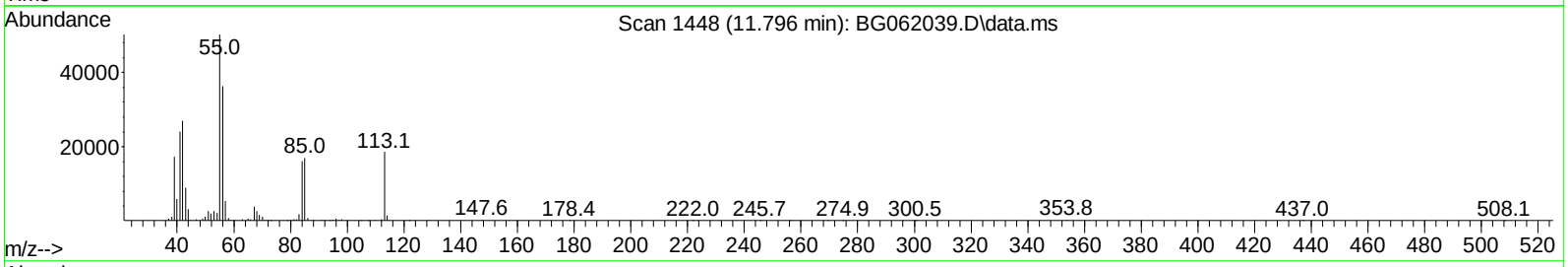
Quant Time: Jul 12 13:32:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

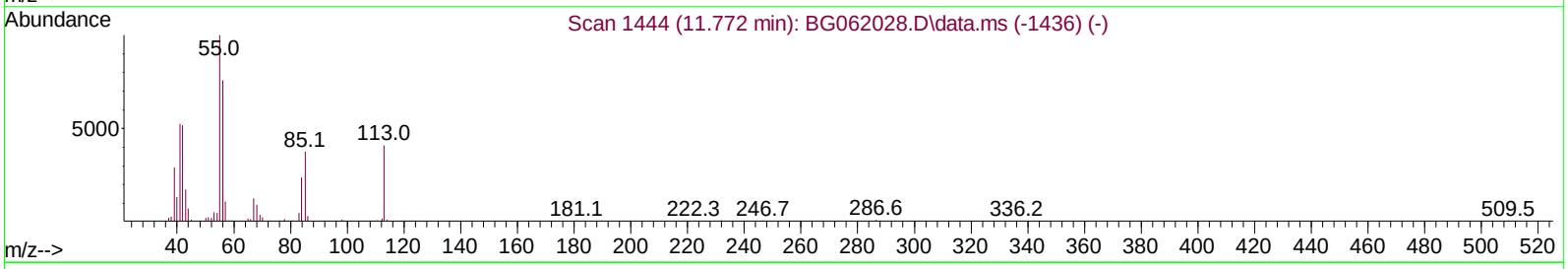
Instrument :
BNA_G
ClientSampleId :
A4CD6MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024







TIC: BG062039.D\data.ms

(34) Caprolactam

11.796min (+ 0.018) 29.75 ng/ul m

response 45656

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	270.25
56.00	168.80	195.82
0.00	0.00	0.00

Quantitation Report (Qedit)

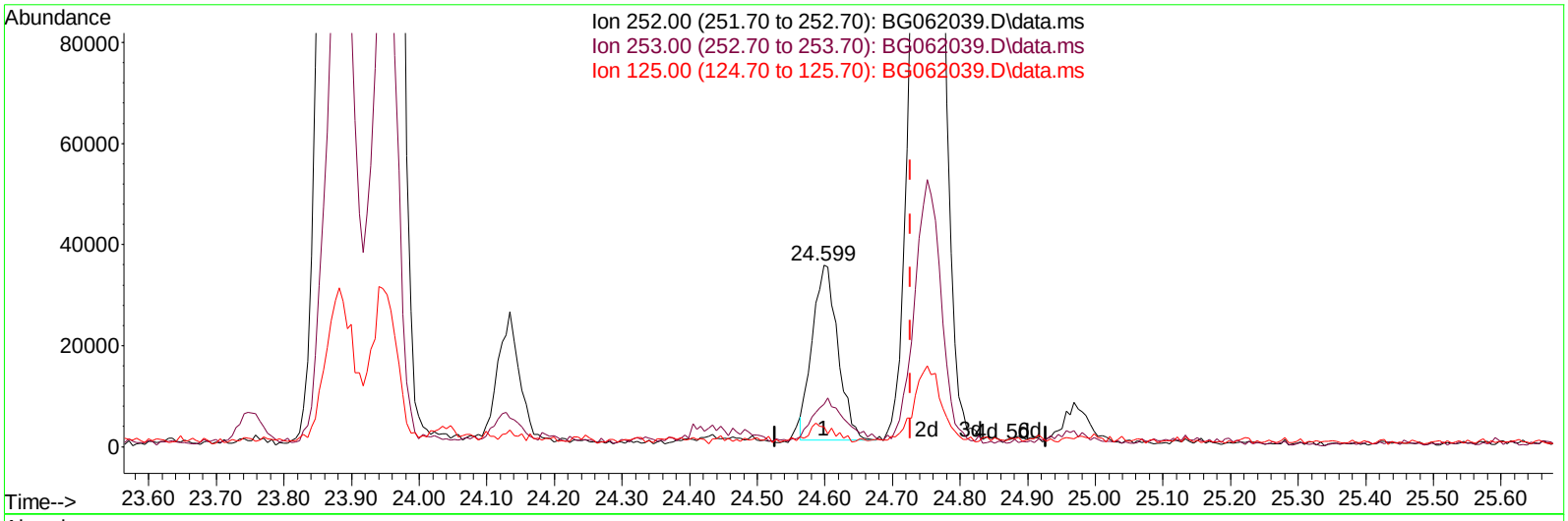
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062039.D
Acq On : 12 Jul 2024 12:03
Operator : MA/JU
Sample : P3101-03MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

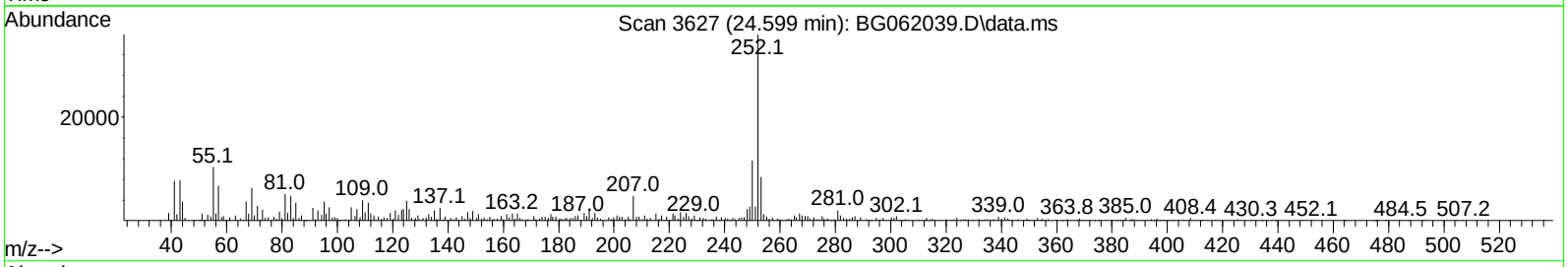
Quant Time: Jul 12 13:32:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

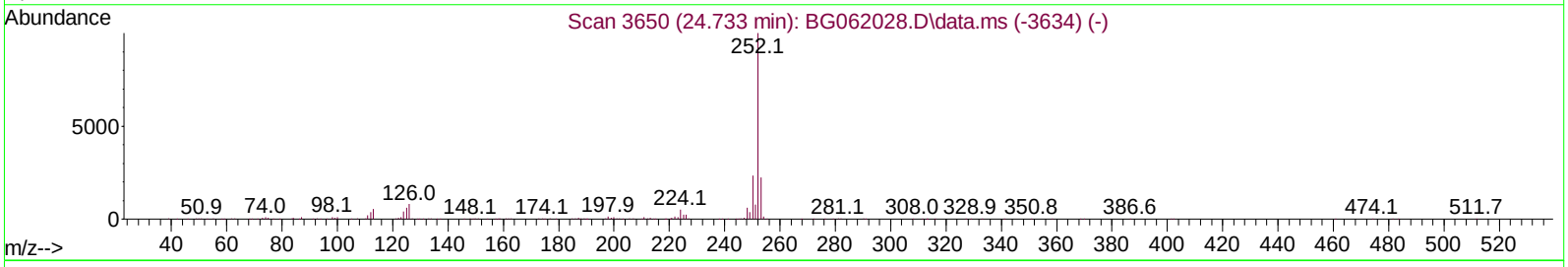
Instrument :
BNA_G
ClientSampleId :
A4CD6MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024







TIC: BG062039.D\data.ms

(93) Benzo(a)pyrene (C)

24.599min (-0.128) 3.76 ng/ul

response 90403

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	23.56
125.00	9.30	11.06
0.00	0.00	0.00

Quantitation Report (Qedit)

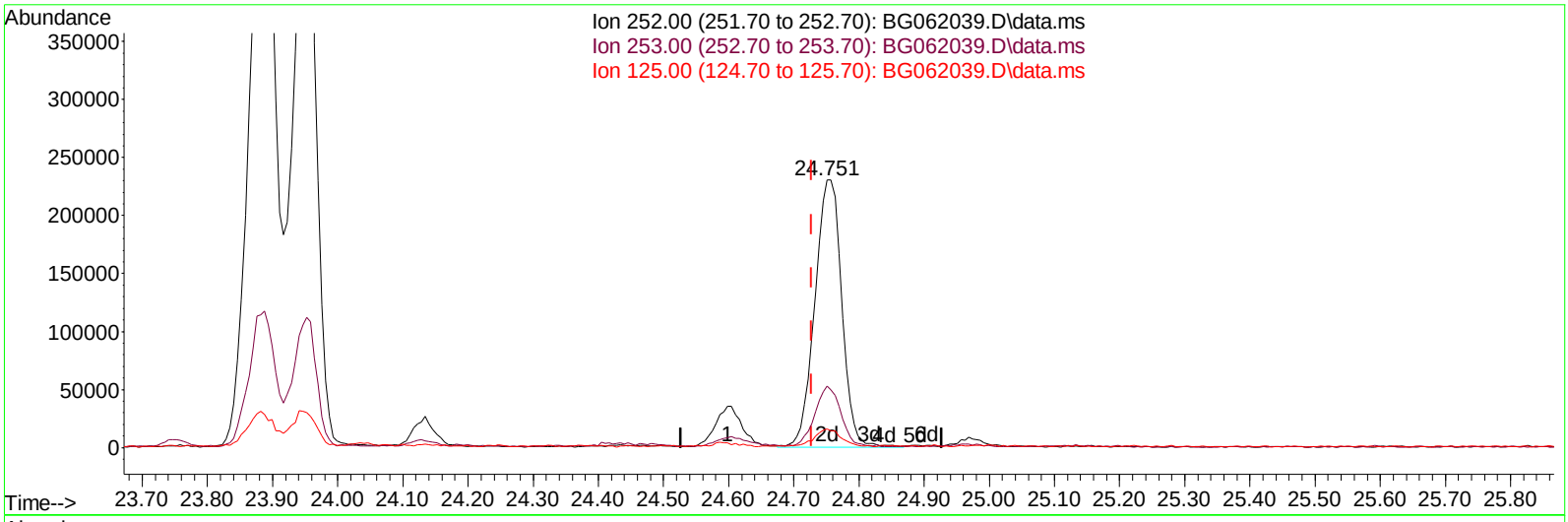
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062039.D
Acq On : 12 Jul 2024 12:03
Operator : MA/JU
Sample : P3101-03MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

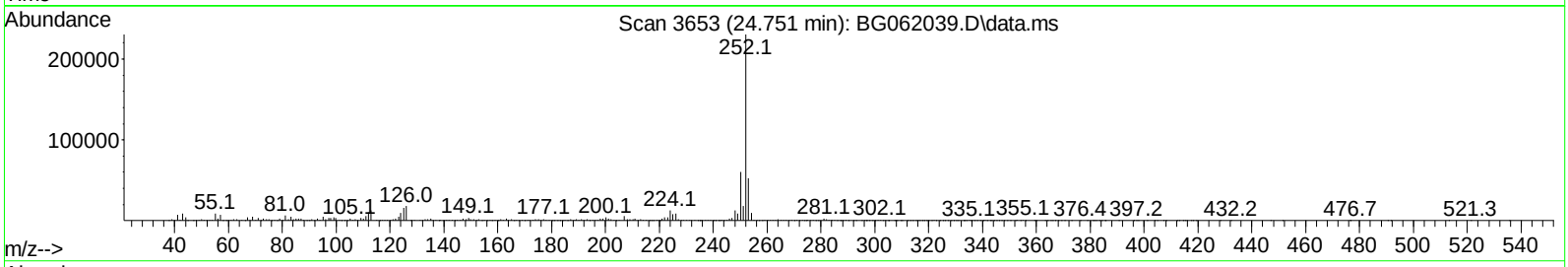
Quant Time: Jul 12 13:32:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

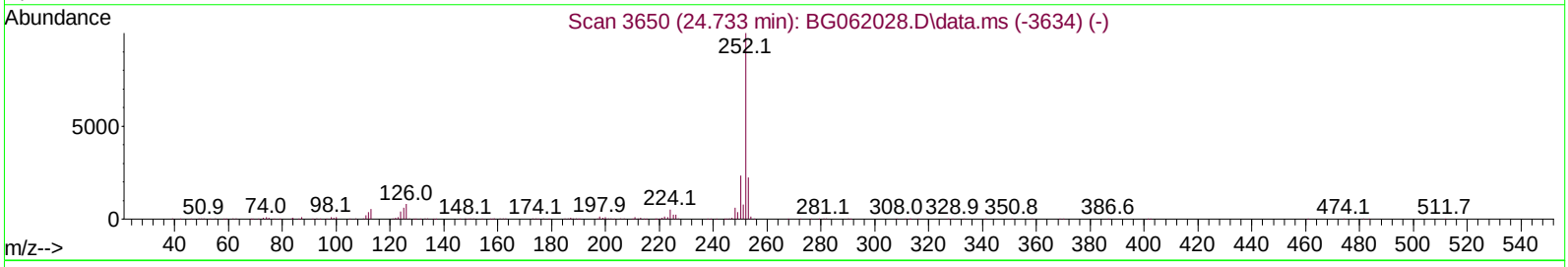
Instrument :
BNA_G
ClientSampleId :
A4CD6MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024







TIC: BG062039.D\data.ms

(93) Benzo(a)pyrene (C)

24.751min (+ 0.024) 27.42 ng/ul m

response 659921

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	22.92
125.00	9.30	6.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

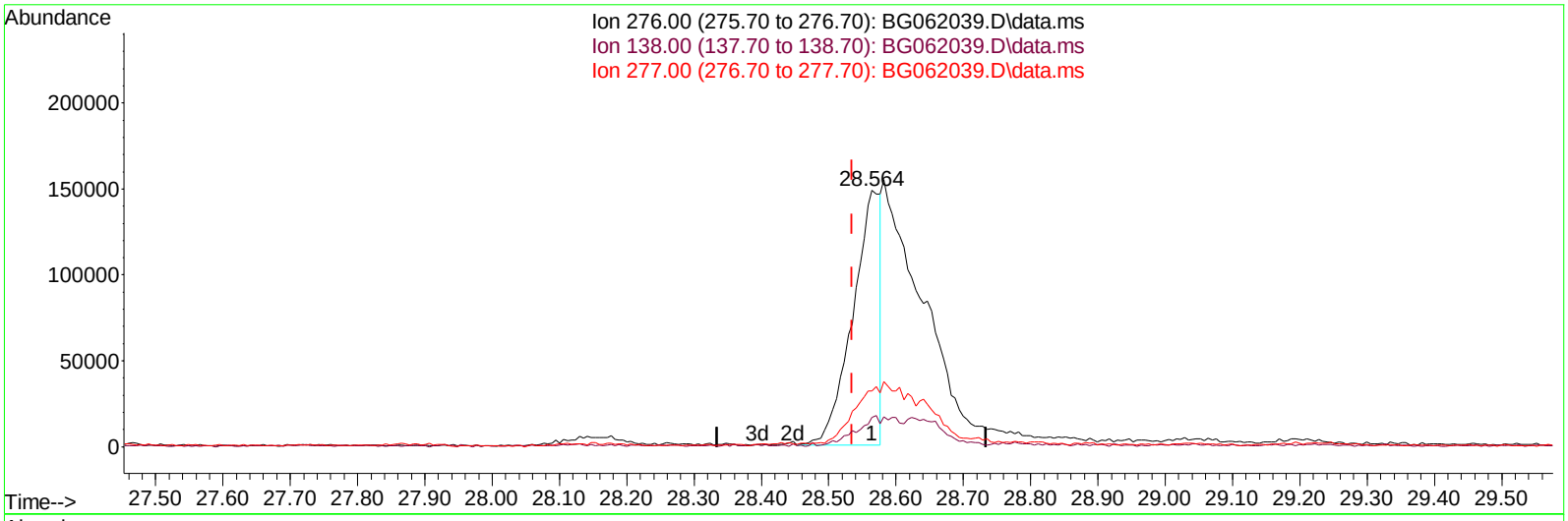
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062039.D
Acq On : 12 Jul 2024 12:03
Operator : MA/JU
Sample : P3101-03MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

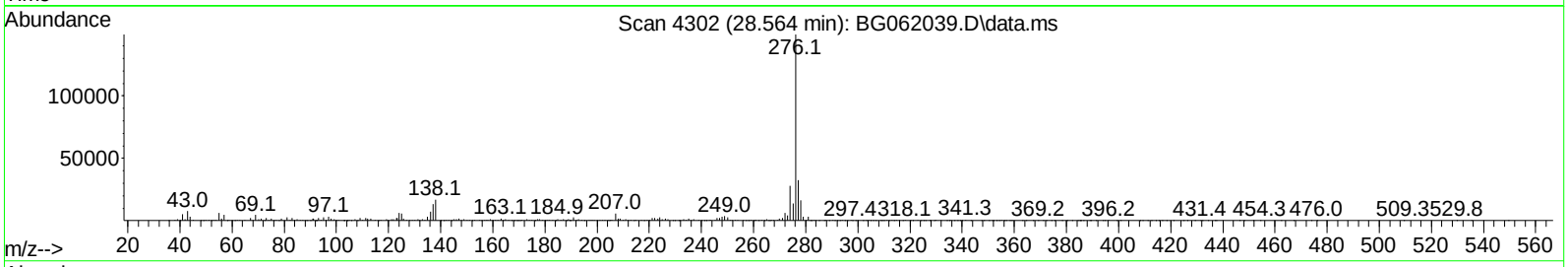
Quant Time: Jul 12 13:32:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

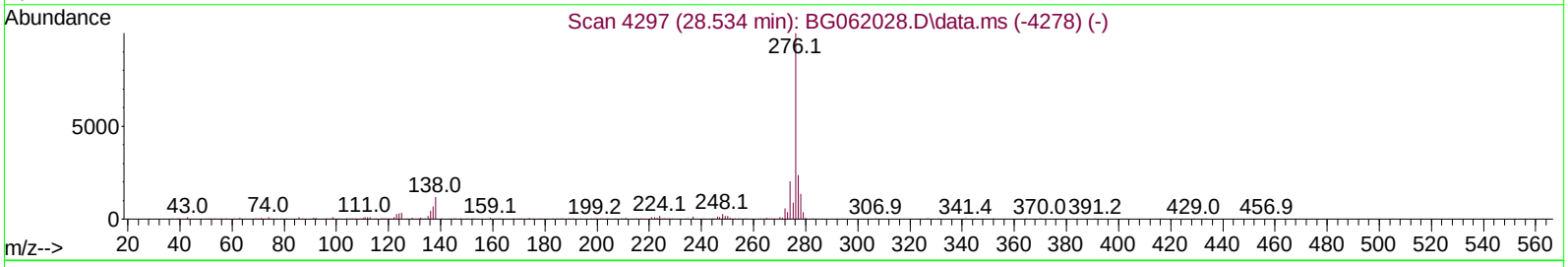
Instrument :
BNA_G
ClientSampleId :
A4CD6MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024







TIC: BG062039.D\data.ms

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

28.564min (+ 0.030) 13.78 ng/ul

response 423809

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	11.37#
277.00	24.10	21.68
0.00	0.00	0.00

Quantitation Report (Qedit)

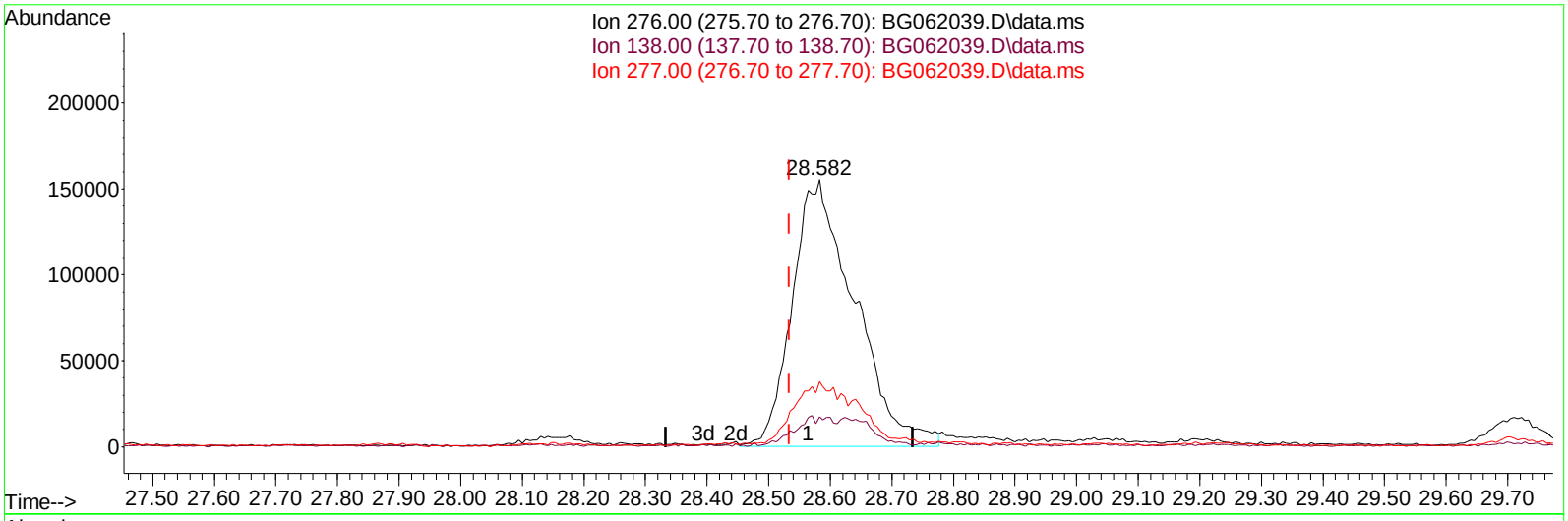
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062039.D
Acq On : 12 Jul 2024 12:03
Operator : MA/JU
Sample : P3101-03MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

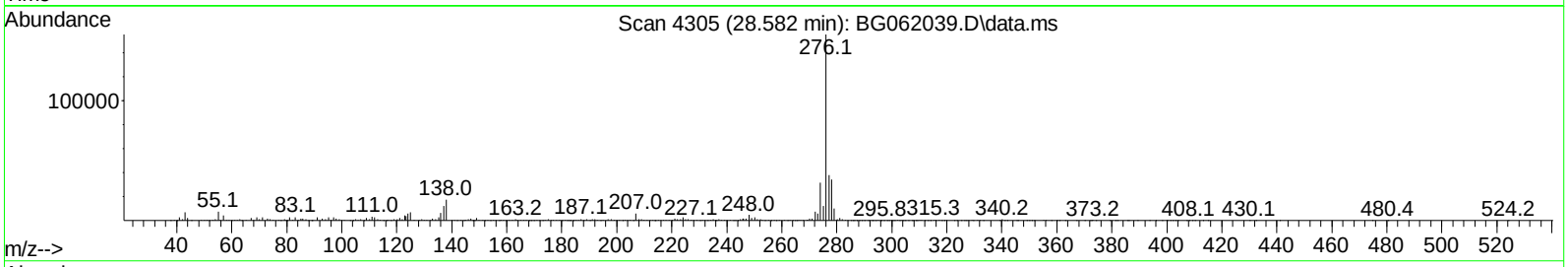
Quant Time: Jul 12 13:32:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

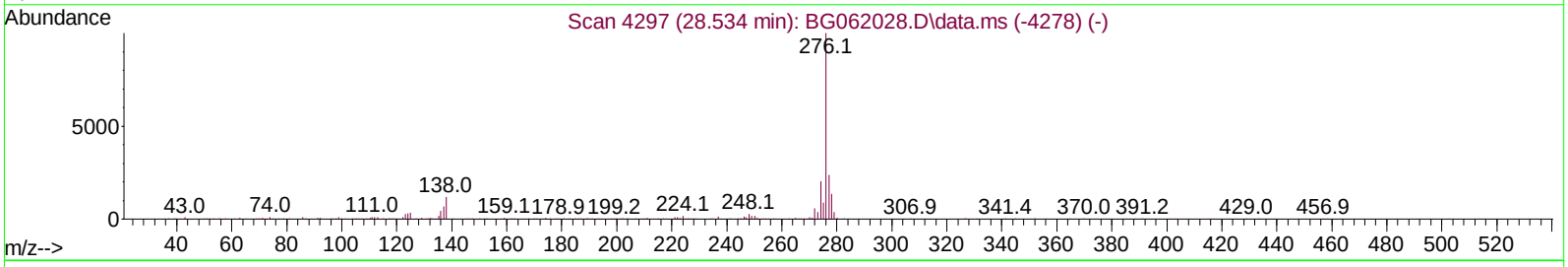
Instrument :
BNA_G
ClientSampleId :
A4CD6MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024







TIC: BG062039.D\data.ms

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

28.582min (+ 0.048) 35.51 ng/ul m

response 1092329

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	11.34#
277.00	24.10	24.34
0.00	0.00	0.00

Quantitation Report (Qedit)

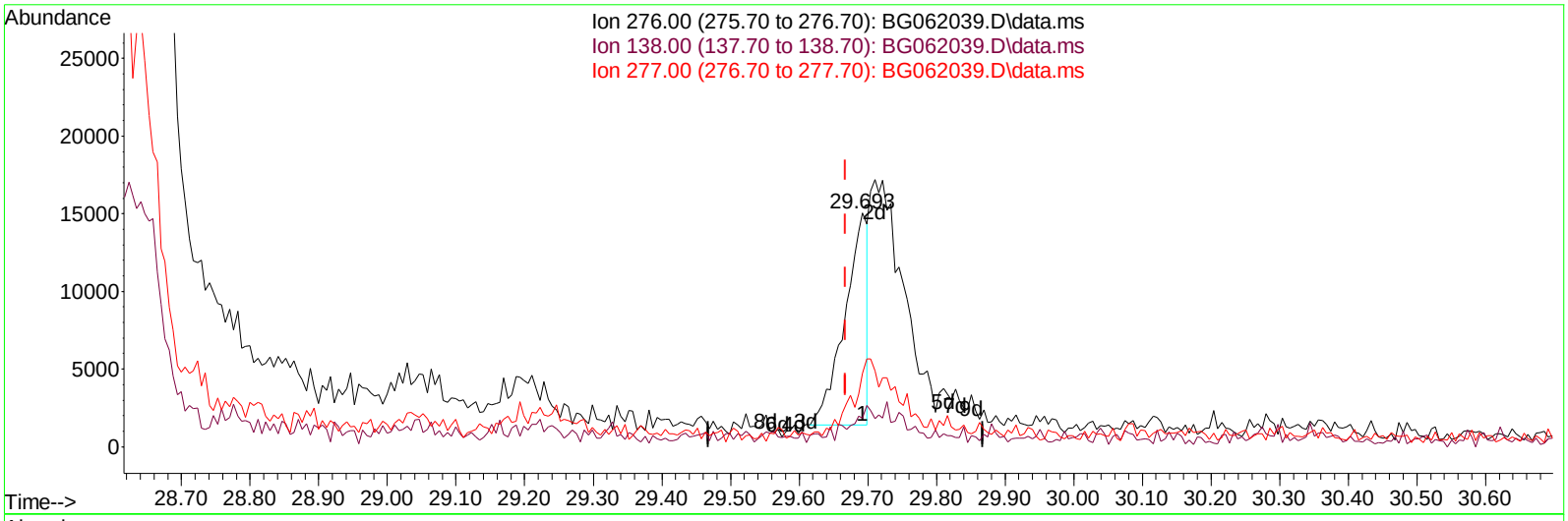
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062039.D
Acq On : 12 Jul 2024 12:03
Operator : MA/JU
Sample : P3101-03MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

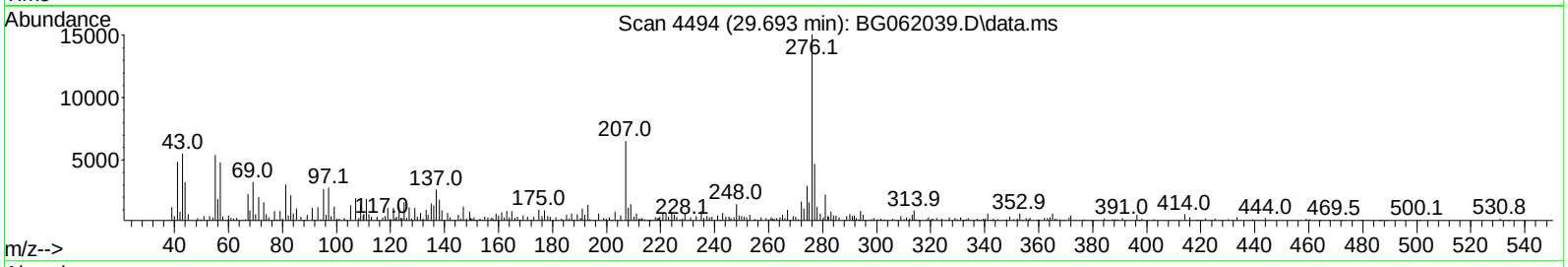
Quant Time: Jul 12 13:32:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

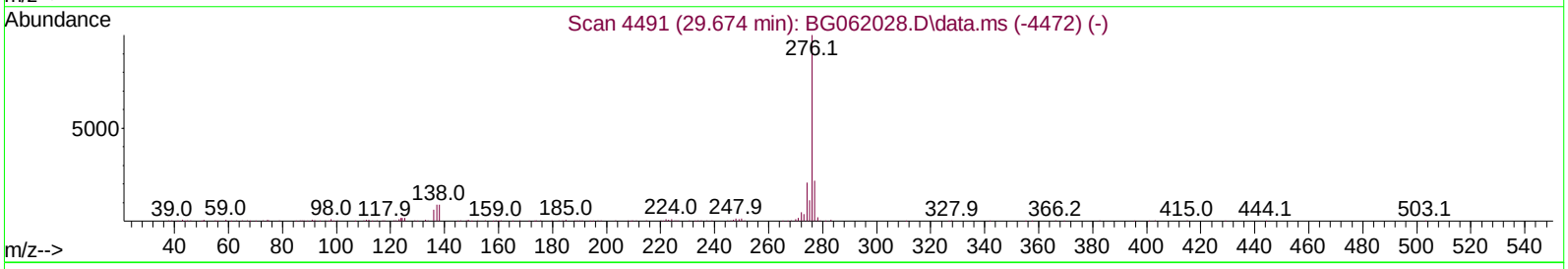
Instrument :
BNA_G
ClientSampleId :
A4CD6MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024







TIC: BG062039.D\data.ms

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

29.693min (+ 0.024) 1.29 ng/ul

response 31456

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	12.15
277.00	23.50	31.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

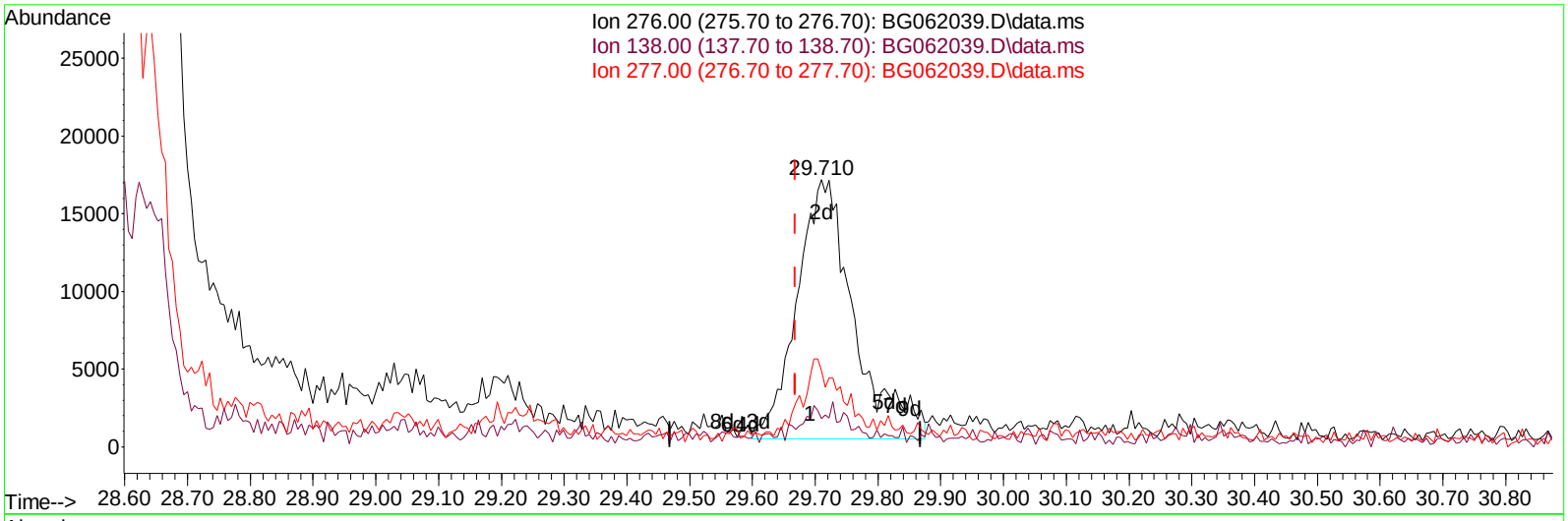
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062039.D
Acq On : 12 Jul 2024 12:03
Operator : MA/JU
Sample : P3101-03MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

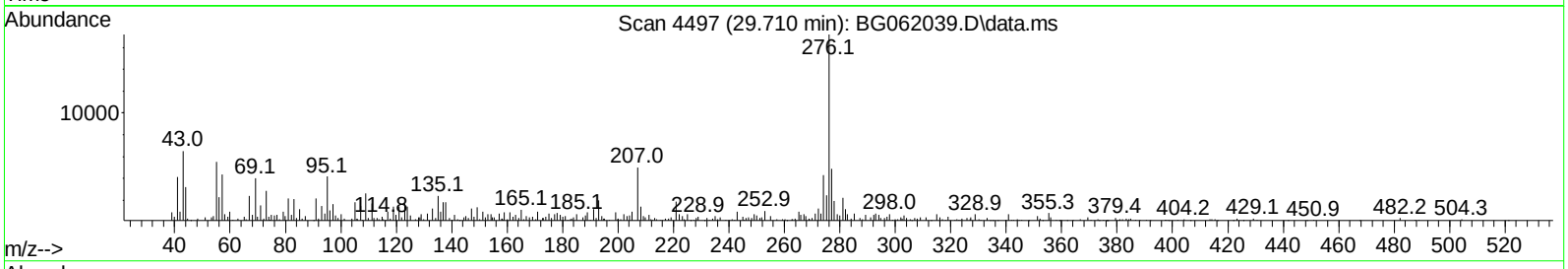
Quant Time: Jul 12 13:32:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

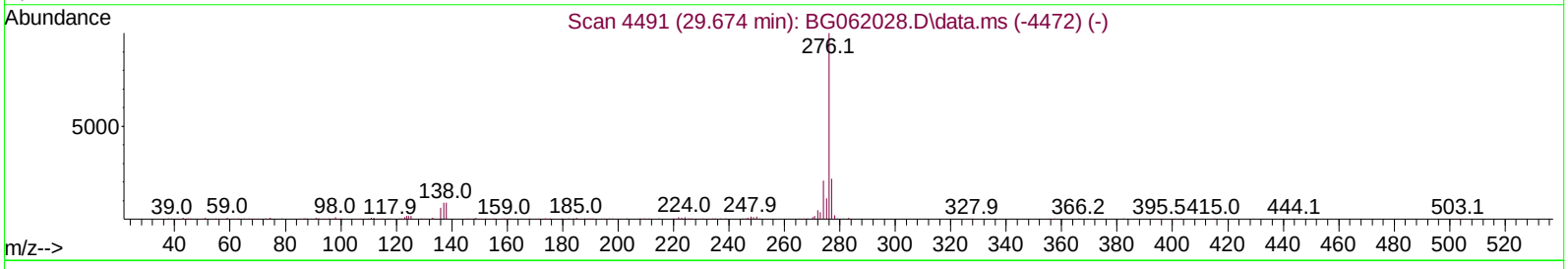
Instrument :
BNA_G
ClientSampleId :
A4CD6MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024







TIC: BG062039.D\data.ms

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

29.710min (+ 0.042) 4.33 ng/ul m

response 106028

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	10.47#
277.00	23.50	28.34#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062039.D
Acq On : 12 Jul 2024 12:03
Operator : MA/JU
Sample : P3101-03MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jul 12 13:35:40 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 :
A4CD6MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	56684	20.000	ng/ul	0.00
20) Naphthalene-d8	10.856	136	248947	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.675	164	167434	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.425	188	372211	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.684	240	324674	20.000	ng/ul	0.00
88) Perylene-d12	24.904	264	403449	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	5518m	3.658	ng/uL	0.00
4) Pyridine-d5	3.858	84	44005	9.488	ng/ul	0.00
7) Phenol-d5	7.207	99	172426	27.796	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.366	67	93273	23.744	ng/ul	0.00
11) 2-Chlorophenol-d4	7.577	132	121834	28.632	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	135600	27.763	ng/ul	0.01
21) Nitrobenzene-d5	9.211	128	59170	31.252	ng/ul	0.00
24) 2-Nitrophenol-d4	9.933	143	73498	33.993	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	152794	36.638	ng/ul	0.01
31) 4-Chloroaniline-d4	10.997	131	83622	13.811	ng/ul	0.01
46) Dimethylphthalate-d6	14.076	166	464432	33.739	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	484261	33.644	ng/ul	0.00
54) 4-Nitrophenol-d4	14.886	143	77286	35.158	ng/ul	0.01
60) Fluorene-d10	15.668	176	393835	33.986	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.791	200	64104	32.793	ng/ul	0.01
73) Anthracene-d10	17.524	188	605900	34.866	ng/ul	0.00
81) Pyrene-d10	19.804	212	597279	31.276	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.681	264	473801	23.679	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.476	88	15472	9.293	ng/uL#	90
5) Pyridine	3.876	79	67341	14.157	ng/ul	91
6) Benzaldehyde	7.178	77	68028	20.721	ng/ul	94
8) Phenol	7.237	94	213191	33.568	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.460	93	136009	27.877	ng/ul	99
12) 2-Chlorophenol	7.607	128	148403	34.233	ng/ul	95
13) 2-Methylphenol	8.488	108	152069	33.547	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.564	45	302986	28.425	ng/ul#	97
16) Acetophenone	8.870	105	259410	32.154	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.852	70	132046	29.235	ng/ul	88
18) 4-Methylphenol	8.817	108	170885	33.662	ng/ul	98
19) Hexachloroethane	9.123	117	47050	25.019	ng/ul#	84
22) Nitrobenzene	9.252	77	201609	37.513	ng/ul	93
23) Isophorone	9.775	82	402350	33.138	ng/ul#	97
25) 2-Nitrophenol	9.963	139	84187	38.181	ng/ul#	91
26) 2,4-Dimethylphenol	10.021	107	160274	30.372	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.257	93	210397	31.466	ng/ul	96
29) 2,4-Dichlorophenol	10.503	162	160104	40.869	ng/ul	95
30) Naphthalene	10.909	128	506750	37.057	ng/ul	97
32) 4-Chloroaniline	11.020	127	94687	15.938	ng/ul	99
33) Hexachlorobutadiene	11.179	225	123054	41.742	ng/ul	92
34) Caprolactam	11.796	113	45656m	29.747	ng/ul	
35) 4-Chloro-3-methylphenol	12.143	107	208911	40.041	ng/ul	91

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062039.D
Acq On : 12 Jul 2024 12:03
Operator : MA/JU
Sample : P3101-03MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jul 12 13:35:40 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 :
A4CD6MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.507	142	379524	38.309 ng/ul	95
37) 1-Methylnaphthalene	12.724	142	383803	37.279 ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.871	216	212648	42.292 ng/ul	97
40) Hexachlorocyclopentadiene	12.842	237	36676	10.957 ng/ul	98
41) 2,4,6-Trichlorophenol	13.112	196	141809	42.462 ng/ul	92
42) 2,4,5-Trichlorophenol	13.194	196	160007	43.615 ng/ul	90
43) 1,1'-Biphenyl	13.512	154	508431	39.411 ng/ul	98
44) 2-Chloronaphthalene	13.559	162	383531	39.612 ng/ul	94
45) 2-Nitroaniline	13.764	65	173897	44.851 ng/ul	96
47) Dimethylphthalate	14.128	163	510059	38.524 ng/ul	96
48) 2,6-Dinitrotoluene	14.252	165	108219	43.085 ng/ul	98
50) Acenaphthylene	14.405	152	608906	38.544 ng/ul	98
51) 3-Nitroaniline	14.587	138	83770	34.262 ng/ul#	91
52) Acenaphthene	14.739	153	432473	39.646 ng/ul	97
53) 2,4-Dinitrophenol	14.792	184	42673	32.519 ng/ul	90
55) 4-Nitrophenol	14.904	109	123738	49.319 ng/ul	91
56) Dibenzofuran	15.074	168	619490	40.182 ng/ul	94
57) 2,4-Dinitrotoluene	15.039	165	167703	45.527 ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.298	232	139940	42.243 ng/ul#	97
59) Diethylphthalate	15.486	149	528694	37.055 ng/ul	97
61) Fluorene	15.721	166	511823	39.037 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.709	204	253333	38.467 ng/ul	90
63) 4-Nitroaniline	15.750	138	99417	40.073 ng/ul#	74
66) 4,6-Dinitro-2-methylph...	15.803	198	76515	36.371 ng/ul#	87
67) N-Nitrosodiphenylamine	15.926	169	435377	42.832 ng/ul	98
68) 4-Bromophenyl-phenylether	16.608	248	187065	44.300 ng/ul	93
69) Hexachlorobenzene	16.720	284	172511	35.529 ng/ul	97
70) Atrazine	16.872	200	112712	28.089 ng/ul	97
71) Pentachlorophenol	17.072	266	110116	41.258 ng/ul	94
72) Phenanthrene	17.466	178	1108082	56.460 ng/ul	100
74) Anthracene	17.560	178	852808	42.047 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.476	216	223074	48.255 ng/ul	96
76) Pentachlorobenzene	14.992	250	208734	39.588 ng/ul	95
77) Carbazole	17.824	167	665659	38.998 ng/ul	97
78) Di-n-butylphthalate	18.371	149	920416	42.000 ng/ul	98
80) Fluoranthene	19.475	202	1534045	67.877 ng/ul#	92
82) Pyrene	19.834	202	1199578	51.384 ng/ul#	94
83) Butylbenzylphthalate	20.709	149	410514	41.899 ng/ul	93
84) 3,3'-Dichlorobenzidine	21.579	252	66224	8.574 ng/ul	93
85) Benzo(a)anthracene	21.667	228	1283173	54.586 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.555	149	682331	48.533 ng/ul#	96
87) Chrysene	21.731	228	1256181	57.082 ng/ul	98
89) Di-n-octyl phthalate	22.765	149	1019320	41.355 ng/ul	100
90) Benzo(b)fluoranthene	23.888	252	1497783	58.924 ng/ul#	98
91) Benzo(k)fluoranthene	23.952	252	1225173	48.335 ng/ul#	95
93) Benzo(a)pyrene	24.751	252	659921m	27.417 ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.582	276	1092329m	35.512 ng/ul	
95) Dibenzo(a,h)anthracene	28.647	278	1015157	39.960 ng/ul	97
96) Benzo(g,h,i)perylene	29.710	276	106028m	4.333 ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
A4CD6MS

Manual IntegrationsAPPROVED

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BNA_G
ClientSampleId :
A4CD6MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
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