Quantitation Report (Qedit)

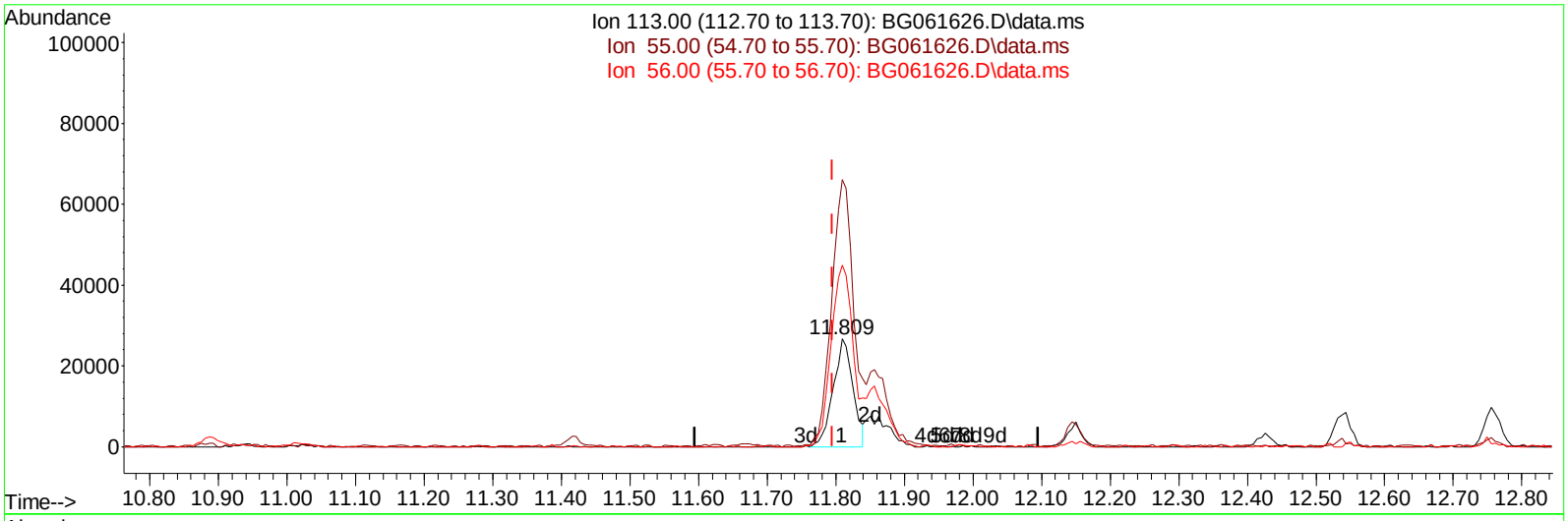
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061626.D
Acq On : 21 Jun 2024 18:55
Operator : MA/JU
Sample : P2754-06MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

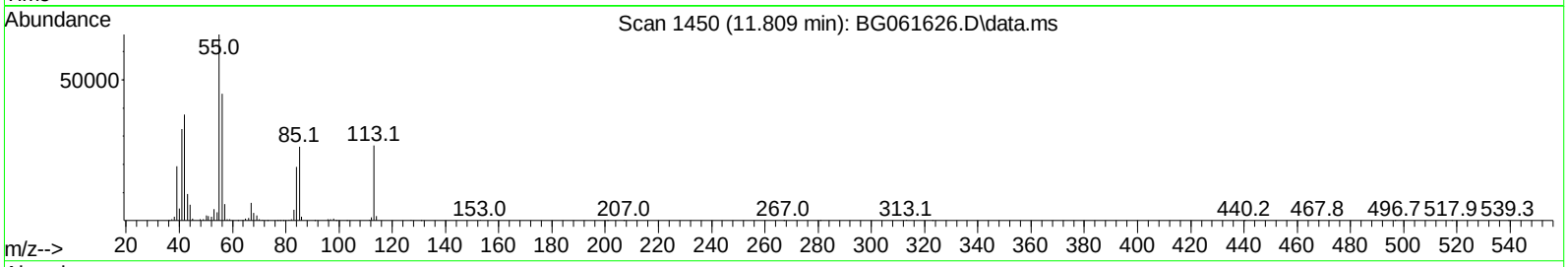
Quant Time: Jun 21 22:04:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

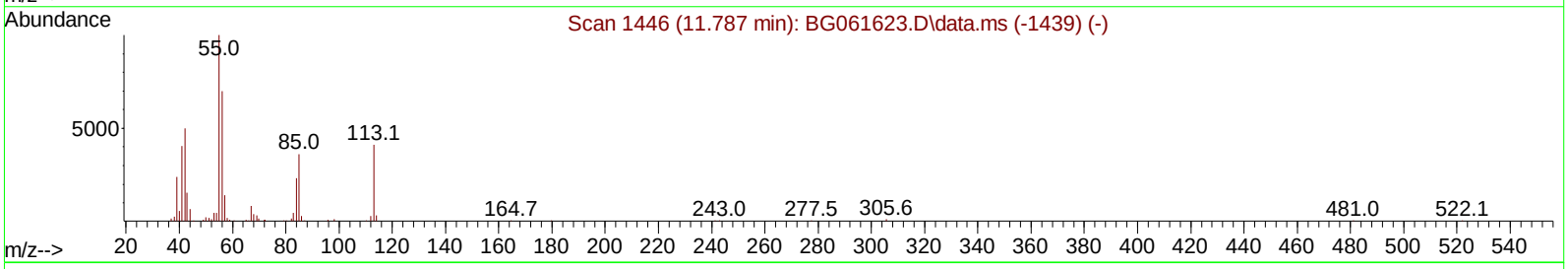
Instrument :
BNA_G
ClientSampleId :
A4BP6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024







TIC: BG061626.D\data.ms

(34) Caprolactam

11.809min (+ 0.014) 33.20 ng/ul

response 53811

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	259.30	247.04
56.00	209.00	168.31
0.00	0.00	0.00

Quantitation Report (Qedit)

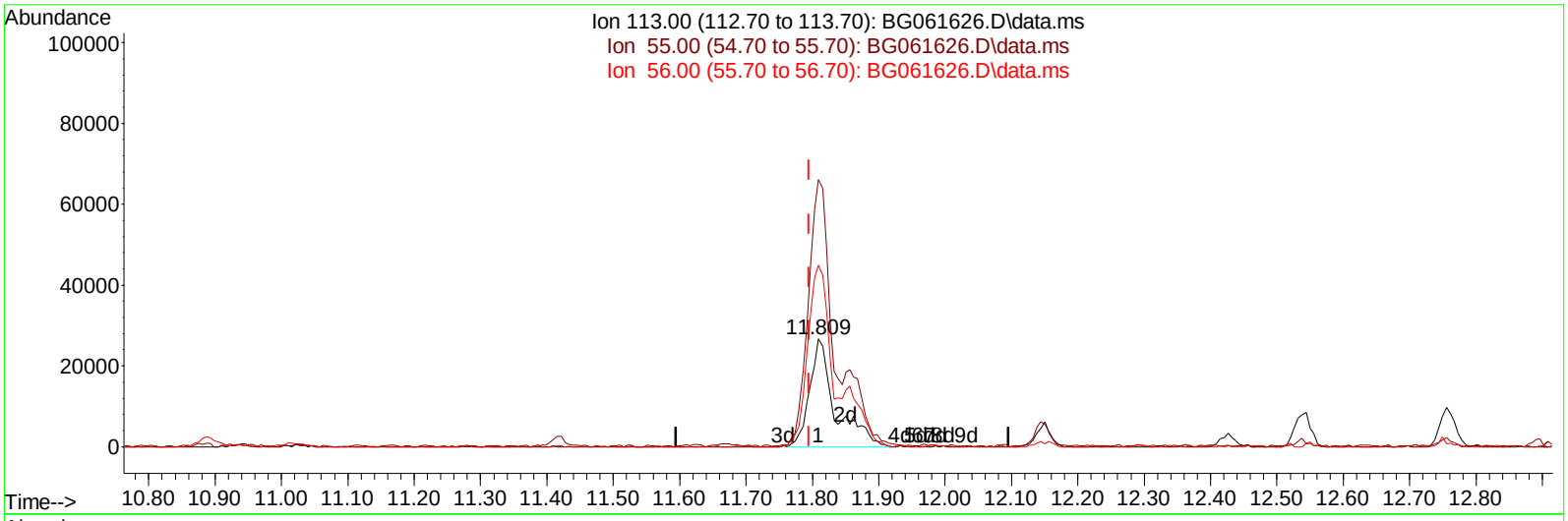
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061626.D
Acq On : 21 Jun 2024 18:55
Operator : MA/JU
Sample : P2754-06MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

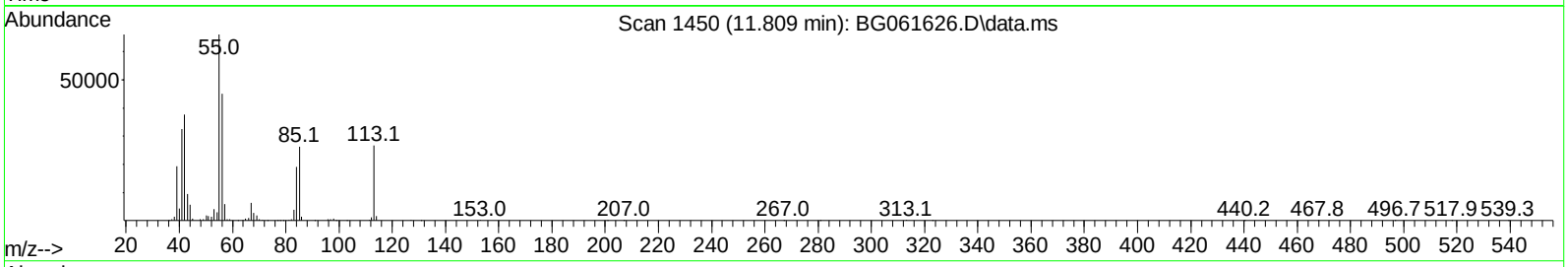
Quant Time: Jun 21 22:04:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

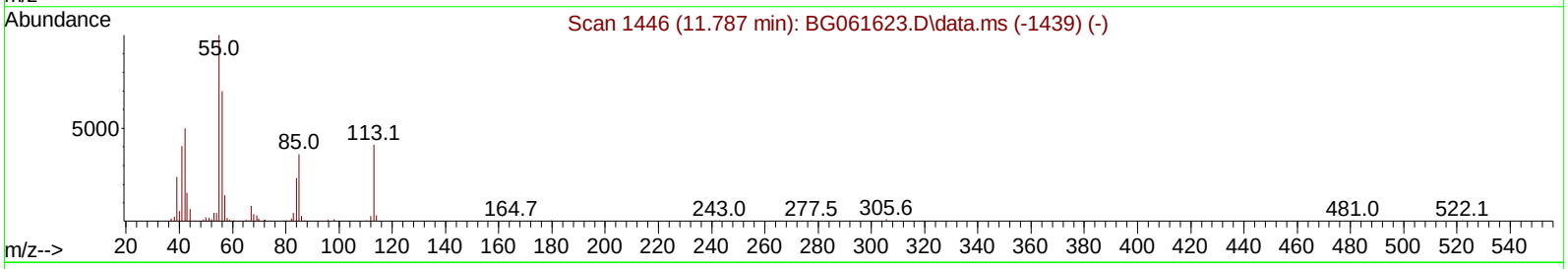
Instrument :
BNA_G
ClientSampleId :
A4BP6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024







TIC: BG061626.D\data.ms

(34) Caprolactam

11.809min (+ 0.014) 43.87 ng/ul m

response 71104

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	259.30	247.04
56.00	209.00	168.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061626.D
Acq On : 21 Jun 2024 18:55
Operator : MA/JU
Sample : P2754-06MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

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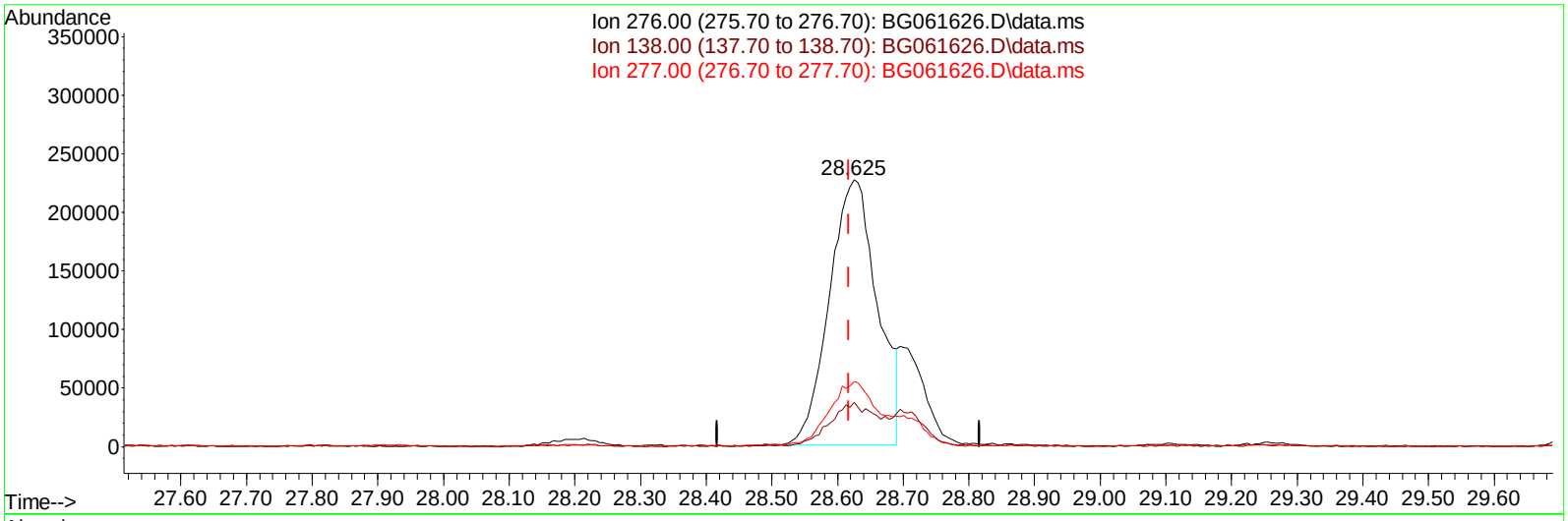
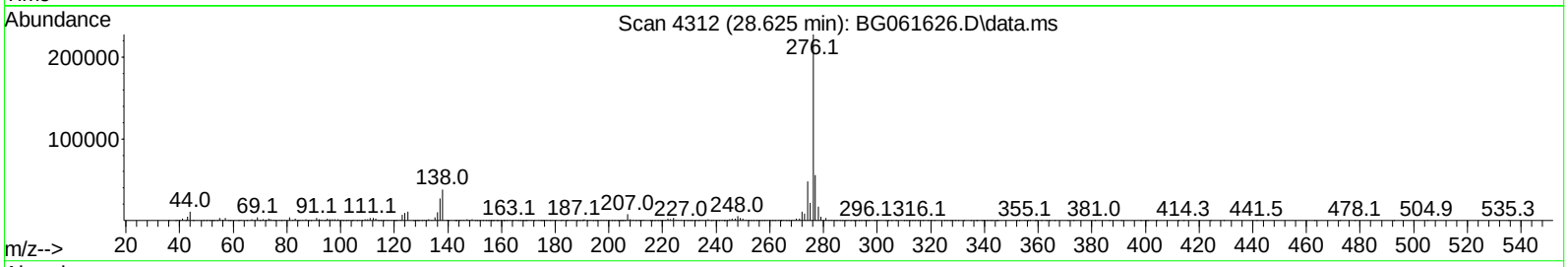
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

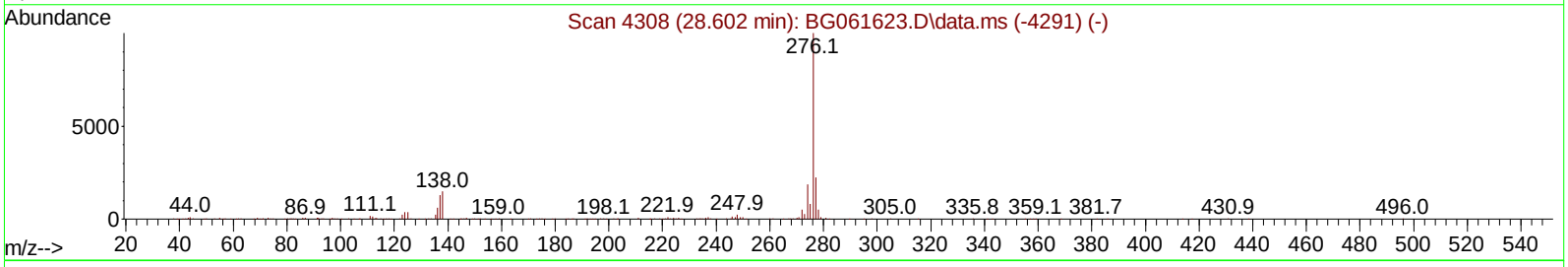
Instrument :
BNA_G
ClientSampleId :
A4BP6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024







TIC: BG061626.D\data.ms

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

28.625min (+ 0.008) 36.20 ng/ul

response 1145797

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	16.74
277.00	24.60	24.47
0.00	0.00	0.00

Quantitation Report (Qedit)

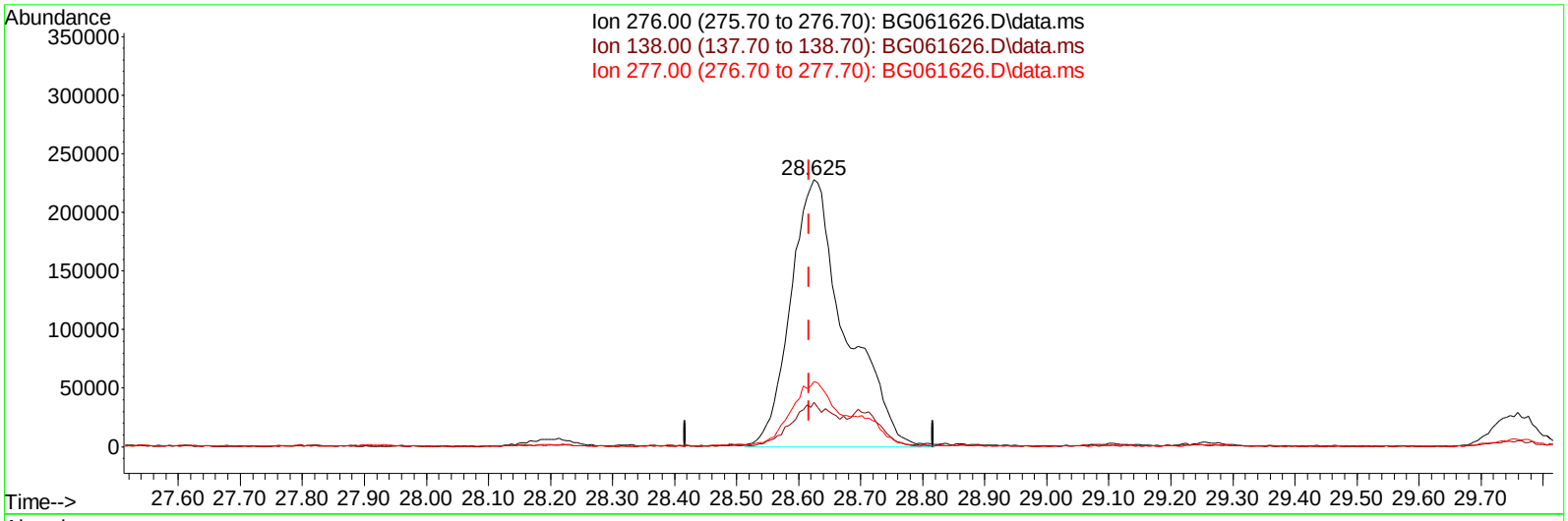
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061626.D
Acq On : 21 Jun 2024 18:55
Operator : MA/JU
Sample : P2754-06MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

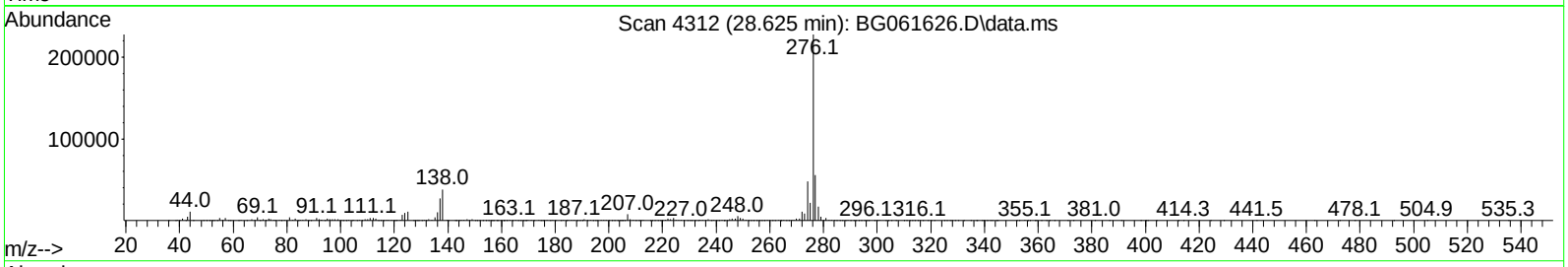
Quant Time: Jun 21 22:04:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

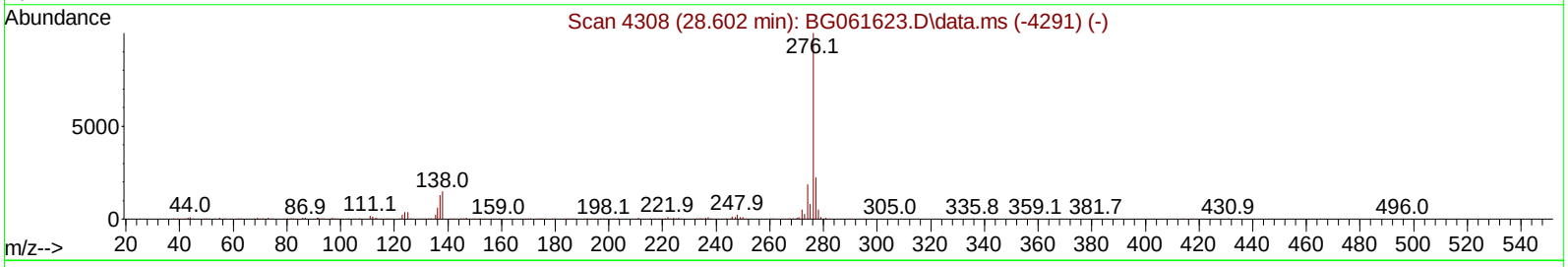
Instrument :
BNA_G
ClientSampleId :
A4BP6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024







TIC: BG061626.D\data.ms

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

28.625min (+ 0.008) 44.30 ng/ul m

response 1402247

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	16.74
277.00	24.60	24.47
0.00	0.00	0.00

Quantitation Report (Qedit)

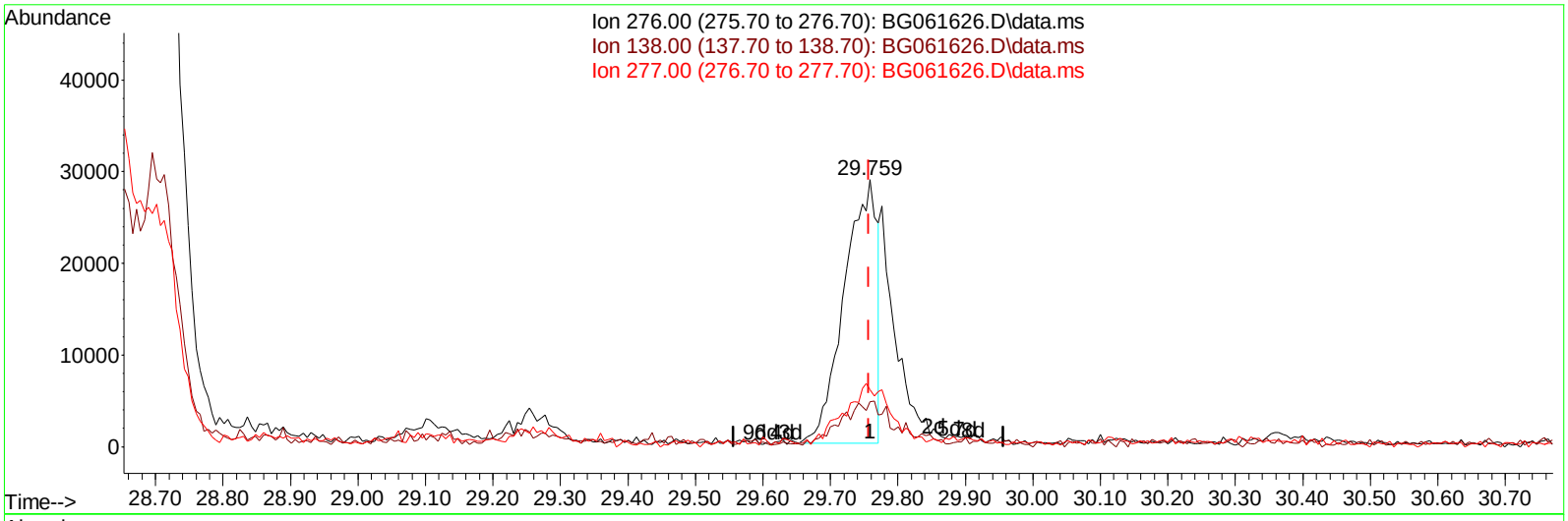
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061626.D
Acq On : 21 Jun 2024 18:55
Operator : MA/JU
Sample : P2754-06MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

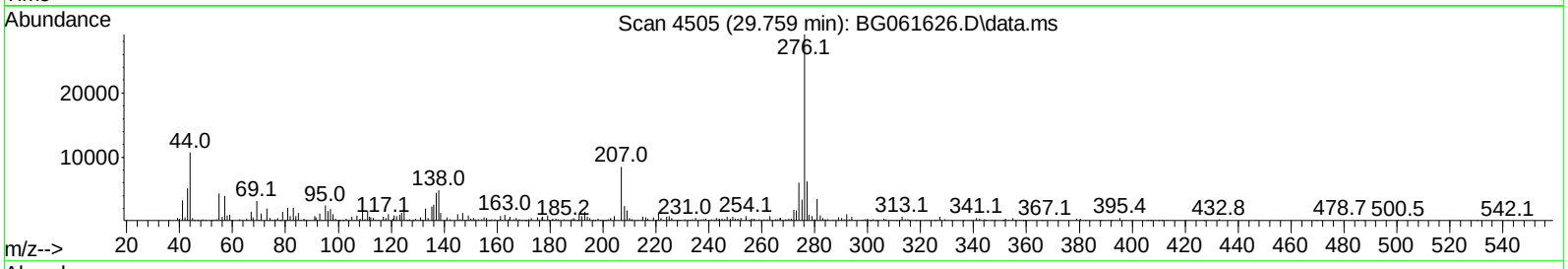
Quant Time: Jun 21 22:04:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

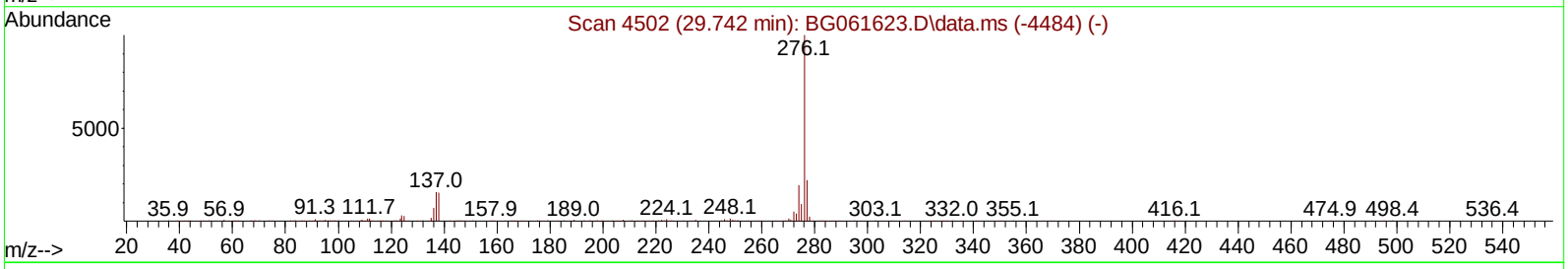
Instrument :
BNA_G
ClientSampleId :
A4BP6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024







TIC: BG061626.D\data.ms

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

29.759min (+ 0.002) 3.80 ng/ul

response 96885

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	21.32#
277.00	23.20	21.28
0.00	0.00	0.00

Quantitation Report (Qedit)

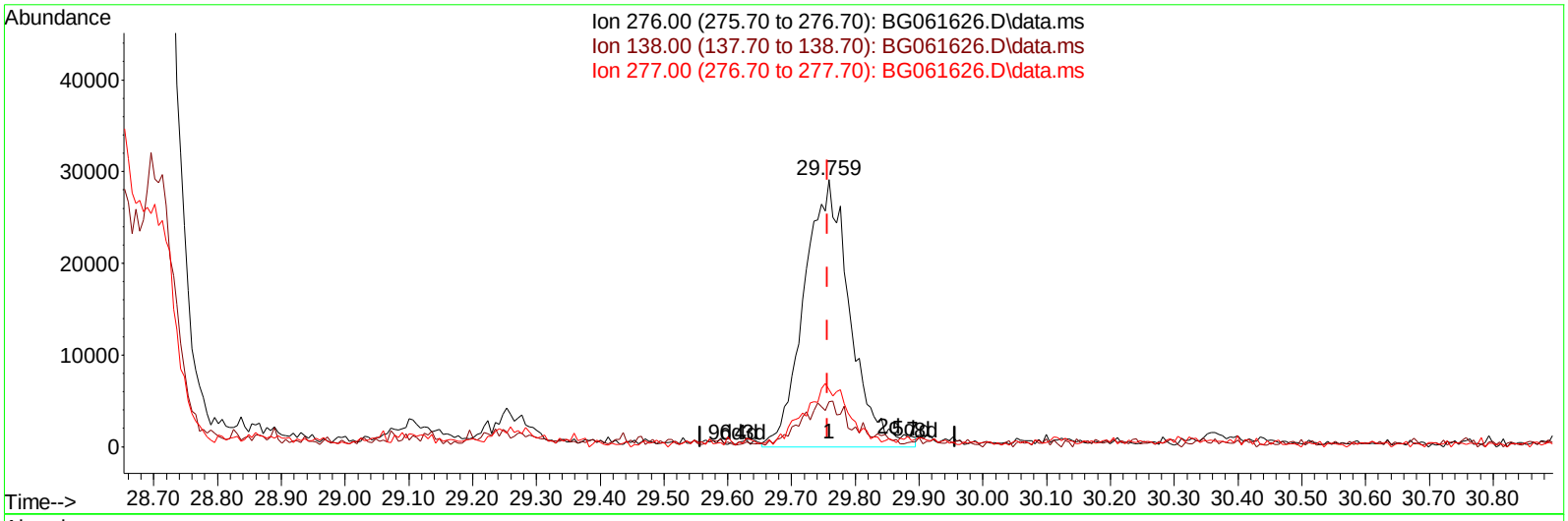
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061626.D
Acq On : 21 Jun 2024 18:55
Operator : MA/JU
Sample : P2754-06MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

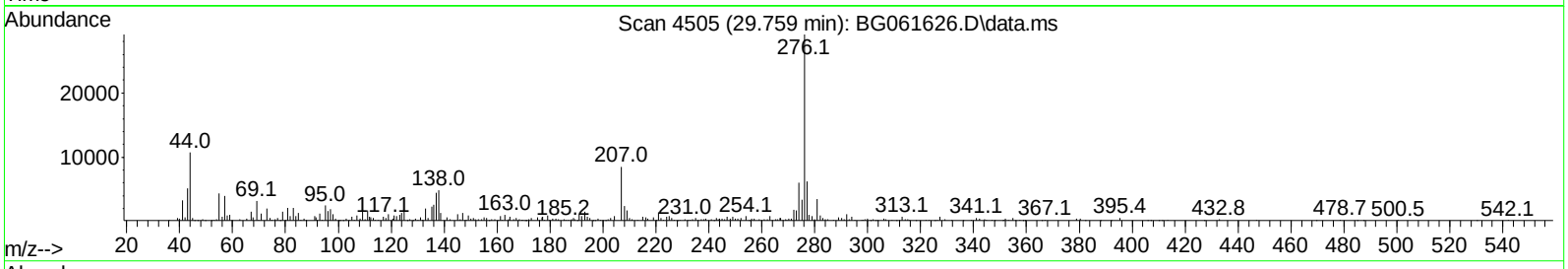
Quant Time: Jun 21 22:04:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

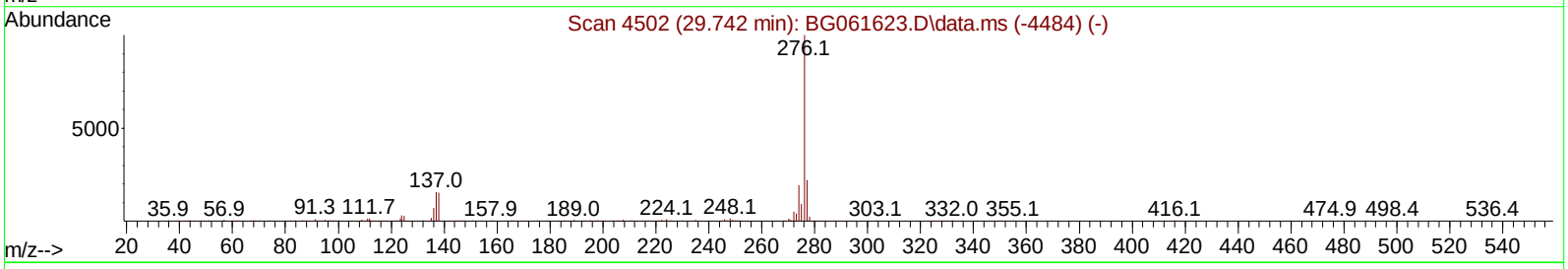
Instrument :
BNA_G
ClientSampleId :
A4BP6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024







TIC: BG061626.D\data.ms

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

29.759min (+ 0.002) 5.69 ng/ul m

response 145312

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	16.83
277.00	23.20	21.28
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061626.D
Acq On : 21 Jun 2024 18:55
Operator : MA/JU
Sample : P2754-06MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 21 22:12:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4BP6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	58021	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	262754	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.700	164	192722	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.444	188	432388	20.000	ng/ul	0.00
79) Chrysene-d12	21.710	240	359515	20.000	ng/ul	0.00
88) Perylene-d12	24.935	264	438941	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.472	96	9310	5.796	ng/uL	0.00
4) Pyridine-d5	3.889	84	58037	11.951	ng/ul	0.00
7) Phenol-d5	7.215	99	175398	27.846	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.397	67	120200	30.613	ng/ul	0.00
11) 2-Chlorophenol-d4	7.603	132	134906	31.211	ng/ul	0.00
15) 4-Methylphenol-d8	8.772	113	122620	25.182	ng/ul	0.00
21) Nitrobenzene-d5	9.236	128	68143	38.195	ng/ul	0.00
24) 2-Nitrophenol-d4	9.964	143	77092	42.664	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	159756	37.338	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	111505	17.213	ng/ul	0.00
46) Dimethylphthalate-d6	14.113	166	525340	35.423	ng/ul	0.00
49) Acenaphthylene-d8	14.400	160	596650	36.710	ng/ul	0.00
54) 4-Nitrophenol-d4	14.876	143	84412	33.141	ng/ul	0.00
60) Fluorene-d10	15.693	176	463280	35.682	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.799	200	75340	40.748	ng/ul	0.00
73) Anthracene-d10	17.544	188	719180	36.438	ng/ul	0.00
81) Pyrene-d10	19.823	212	693569	34.537	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.718	264	527543	25.164	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.501	88	29500	14.779	ng/uL#	80
5) Pyridine	3.907	79	58035	11.117	ng/ul	95
6) Benzaldehyde	7.209	77	91087	29.387	ng/ul	96
8) Phenol	7.244	94	304328	45.913	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.491	93	205966	41.285	ng/ul	98
12) 2-Chlorophenol	7.632	128	198654	45.810	ng/ul	90
13) 2-Methylphenol	8.507	108	211690	45.647	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.607	45	434698	42.649	ng/ul	99
16) Acetophenone	8.901	105	348889	43.514	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.883	70	174431	40.498	ng/ul#	94
18) 4-Methylphenol	8.836	108	240424	46.276	ng/ul	91
19) Hexachloroethane	9.165	117	62483	35.936	ng/ul	89
22) Nitrobenzene	9.283	77	258990	50.391	ng/ul	96
23) Isophorone	9.812	82	523272	44.270	ng/ul	100
25) 2-Nitrophenol	9.994	139	109792	58.107	ng/ul#	83
26) 2,4-Dimethylphenol	10.047	107	229316	43.394	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.294	93	297237	44.454	ng/ul	99
29) 2,4-Dichlorophenol	10.529	162	206652	52.716	ng/ul	98
30) Naphthalene	10.940	128	691281	47.020	ng/ul	100
32) 4-Chloroaniline	11.040	127	154720	24.083	ng/ul	100
33) Hexachlorobutadiene	11.222	225	141739	52.344	ng/ul	95
34) Caprolactam	11.809	113	71104m	43.865	ng/ul	
35) 4-Chloro-3-methylphenol	12.150	107	282952	51.616	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
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Acq On : 21 Jun 2024 18:55
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Sample : P2754-06MS
Misc :
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Quant Time: Jun 21 22:12:36 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4BP6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.538	142	509124	49.078	ng/ul	97
37) 1-Methylnaphthalene	12.755	142	530109	47.892	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.896	216	276412	50.678	ng/ul	97
40) Hexachlorocyclopentadiene	12.879	237	112537	34.678	ng/ul	99
41) 2,4,6-Trichlorophenol	13.131	196	190830	54.228	ng/ul	91
42) 2,4,5-Trichlorophenol	13.202	196	207901	54.203	ng/ul	87
43) 1,1'-Biphenyl	13.543	154	697020	49.928	ng/ul	99
44) 2-Chloronaphthalene	13.584	162	531728	49.586	ng/ul	100
45) 2-Nitroaniline	13.778	65	220185	59.980	ng/ul	97
47) Dimethylphthalate	14.160	163	676011	45.902	ng/ul#	98
48) 2,6-Dinitrotoluene	14.277	165	144651	59.190	ng/ul#	94
50) Acenaphthylene	14.430	152	853968	47.069	ng/ul	98
51) 3-Nitroaniline	14.600	138	121944	48.726	ng/ul#	95
52) Acenaphthene	14.771	153	602161	47.925	ng/ul	91
53) 2,4-Dinitrophenol	14.800	184	70179	56.510	ng/ul	90
55) 4-Nitrophenol	14.888	109	137972	52.455	ng/ul	97
56) Dibenzofuran	15.100	168	848994	48.286	ng/ul	89
57) 2,4-Dinitrotoluene	15.059	165	215330	59.359	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.317	232	189414	50.364	ng/ul	91
59) Diethylphthalate	15.523	149	719392	47.429	ng/ul	96
61) Fluorene	15.752	166	690725	47.469	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.746	204	334541	46.312	ng/ul	96
63) 4-Nitroaniline	15.764	138	136737	51.573	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.816	198	114625	54.733	ng/ul#	85
67) N-Nitrosodiphenylamine	15.952	169	591005	52.856	ng/ul	98
68) 4-Bromophenyl-phenylether	16.639	248	236291	53.075	ng/ul	95
69) Hexachlorobenzene	16.745	284	220536	40.819	ng/ul	98
70) Atrazine	16.903	200	173817	38.918	ng/ul	98
71) Pentachlorophenol	17.086	266	171679	52.165	ng/ul	92
72) Phenanthrene	17.491	178	1312908	57.716	ng/ul	99
74) Anthracene	17.579	178	1132196	48.671	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.502	216	287153	59.608	ng/uL	96
76) Pentachlorobenzene	15.012	250	269039	46.505	ng/uL	90
77) Carbazole	17.843	167	923338	46.748	ng/ul	99
78) Di-n-butylphthalate	18.413	149	1221889	51.725	ng/ul	99
80) Fluoranthene	19.494	202	1729035	74.205	ng/ul	99
82) Pyrene	19.853	202	1423152	57.442	ng/ul	96
83) Butylbenzylphthalate	20.746	149	529716	58.722	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.604	252	201046	26.447	ng/ul	92
85) Benzo(a)anthracene	21.692	228	1518116	60.157	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.616	149	846742	63.858	ng/ul	98
87) Chrysene	21.762	228	1449831	60.716	ng/ul	100
89) Di-n-octyl phthalate	22.849	149	1337815	57.786	ng/ul	100
90) Benzo(b)fluoranthene	23.919	252	1708755	64.760	ng/ul	97
91) Benzo(k)fluoranthene	23.989	252	1472039	54.246	ng/ul	97
93) Benzo(a)pyrene	24.788	252	759162	29.885	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.625	276	1402247m	44.298	ng/ul	
95) Dibenzo(a,h)anthracene	28.713	278	1420155	53.953	ng/ul	100
96) Benzo(g,h,i)perylene	29.759	276	145312m	5.695	ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
A4BP6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061626.D
Acq On : 21 Jun 2024 18:55
Operator : MA/JU
Sample : P2754-06MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 21 22:12:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4BP6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024