Quantitation Report (Qedit)

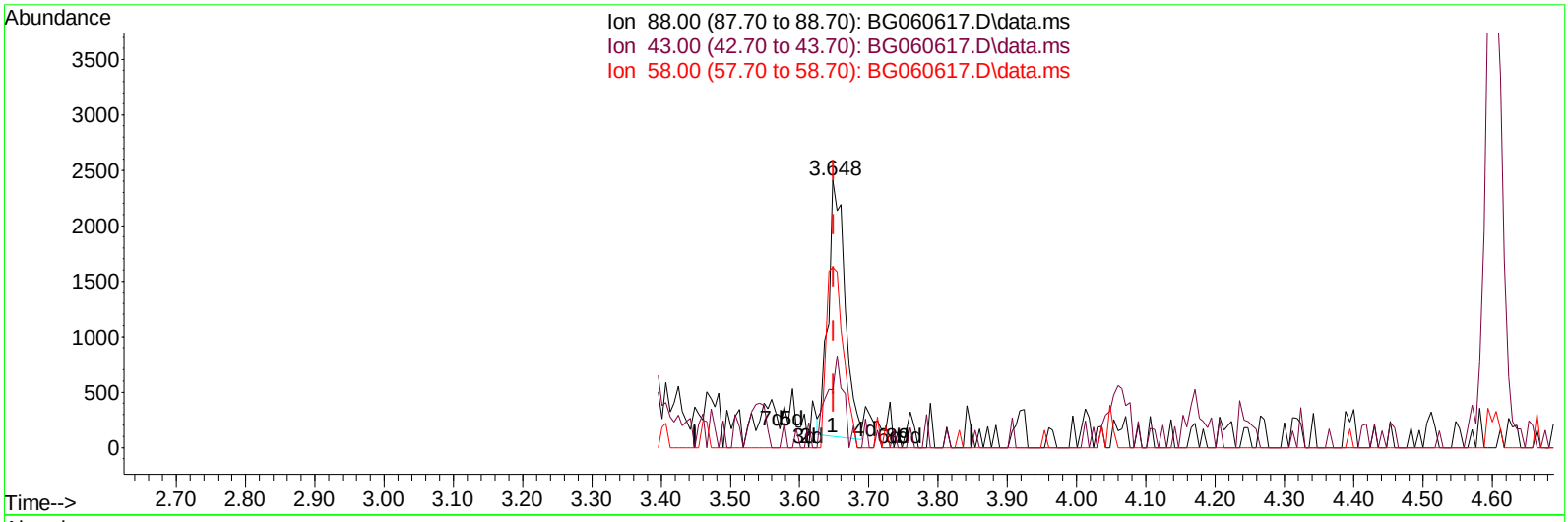
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031224\
Data File : BG060617.D
Acq On : 12 Mar 2024 13:02
Operator : MA/JU
Sample : P1601-06
Misc : SFAM-MDL-MESOIL-02
ALS Vial : 8 Sample Multiplier: 1

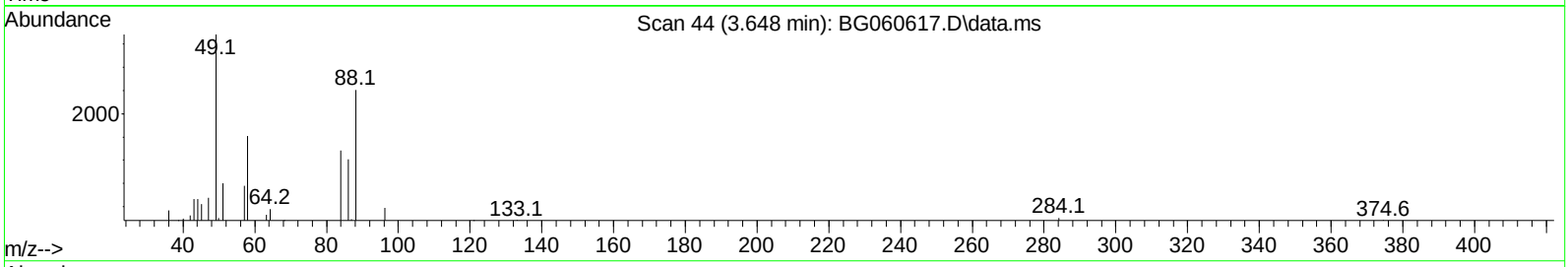
Quant Time: Mar 12 14:50:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 15:23:41 2024
Response via : Initial Calibration

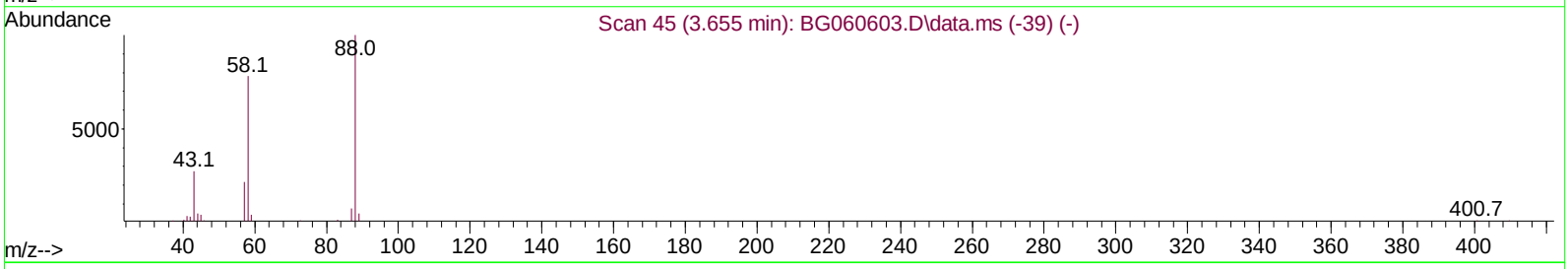
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024







TIC: BG060617.D\data.ms

(2) 1,4-Dioxane

3.648min (-0.001) 1.39 ng/uL

response 3874

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.20	21.69#
58.00	95.10	67.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031224\
Data File : BG060617.D
Acq On : 12 Mar 2024 13:02
Operator : MA/JU
Sample : P1601-06
Misc : SFAM-MDL-MESOIL-02
ALS Vial : 8 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 15:23:41 2024
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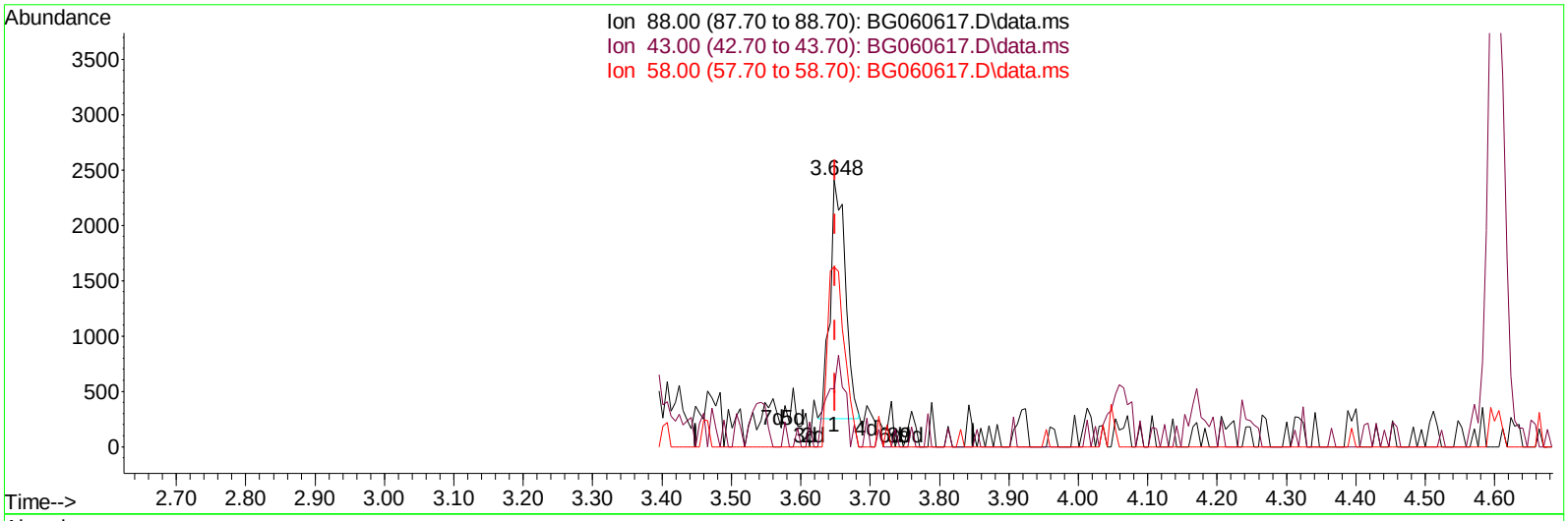
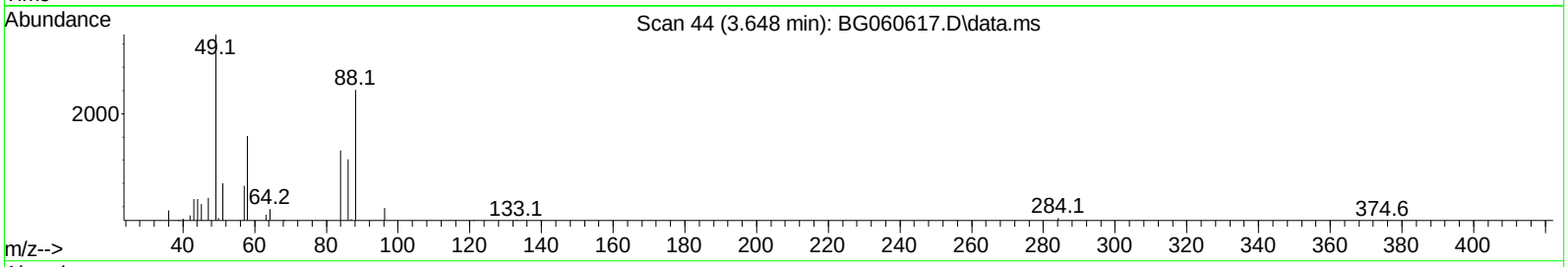
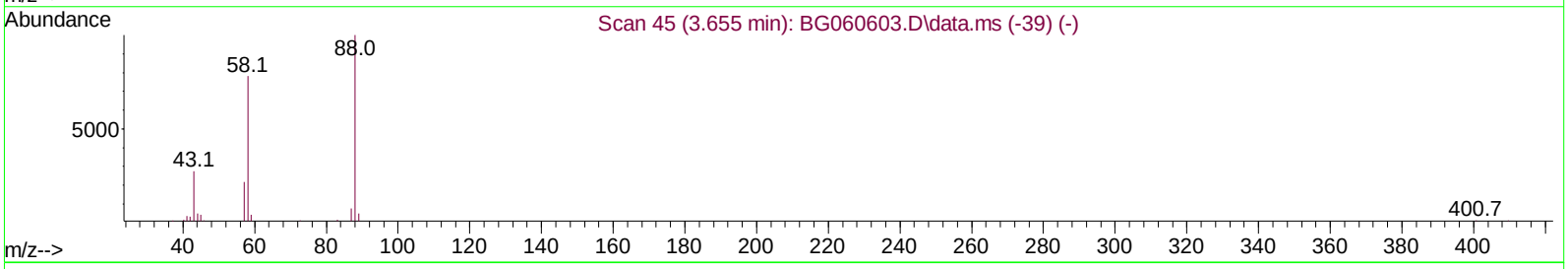
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024







TIC: BG060617.D\data.ms

(2) 1,4-Dioxane

3.648min (-0.001) 1.18 ng/uL m

response 3294

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.20	21.69#
58.00	95.10	67.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031224\
Data File : BG060617.D
Acq On : 12 Mar 2024 13:02
Operator : MA/JU
Sample : P1601-06
Misc : SFAM-MDL-MESOIL-02
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 12 14:50:32 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 15:23:41 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
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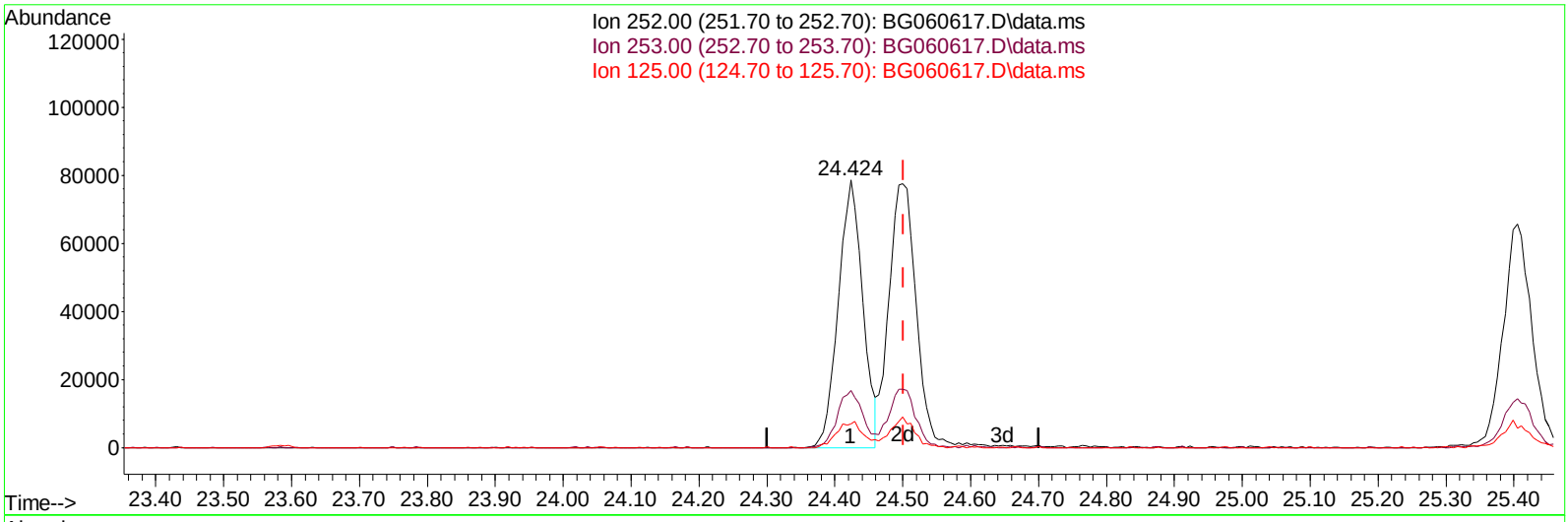
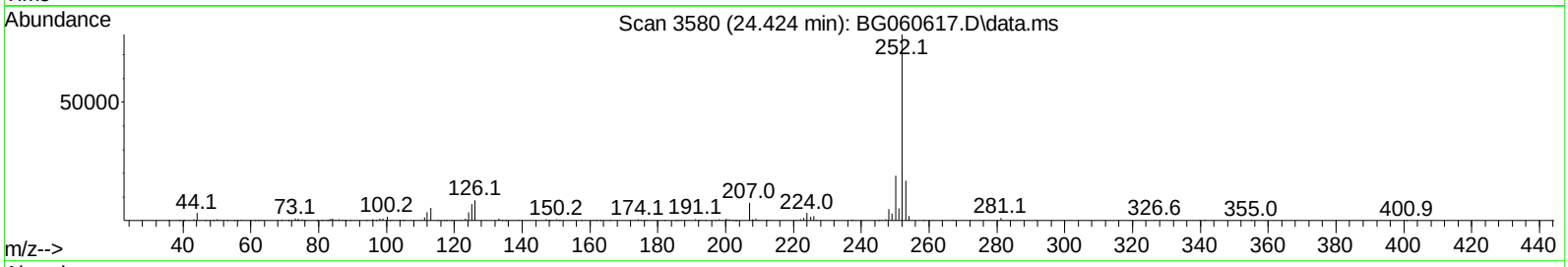
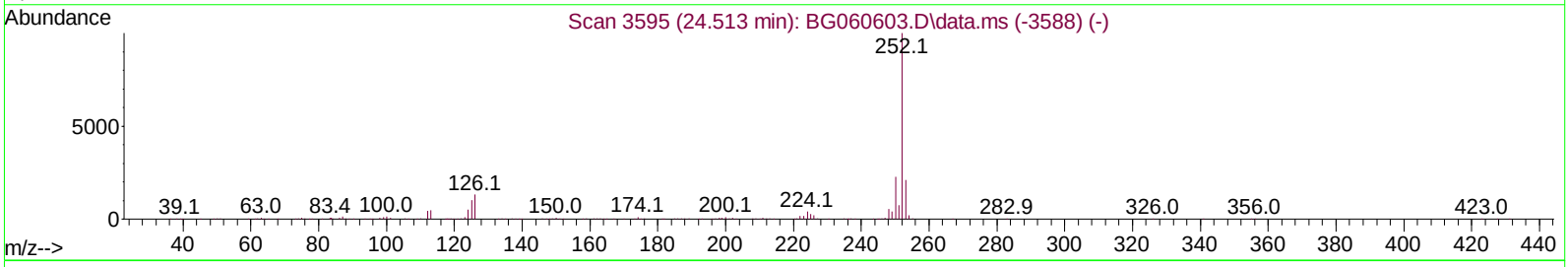






TIC: BG060617.D\data.ms

(91) Benzo(k)fluoranthene

24.424min (-0.077) 4.35 ng/ul

response 196197

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	21.40
125.00	8.80	8.95
0.00	0.00	0.00

Quantitation Report (Qedit)

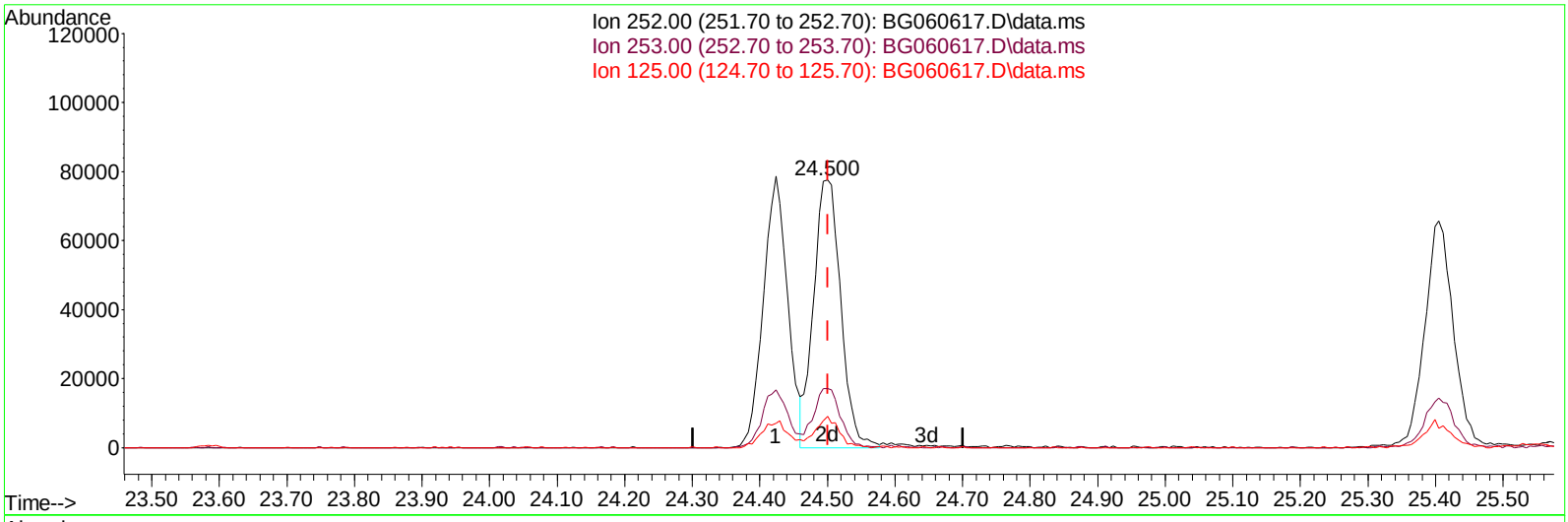
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031224\
Data File : BG060617.D
Acq On : 12 Mar 2024 13:02
Operator : MA/JU
Sample : P1601-06
Misc : SFAM-MDL-MESOIL-02
ALS Vial : 8 Sample Multiplier: 1

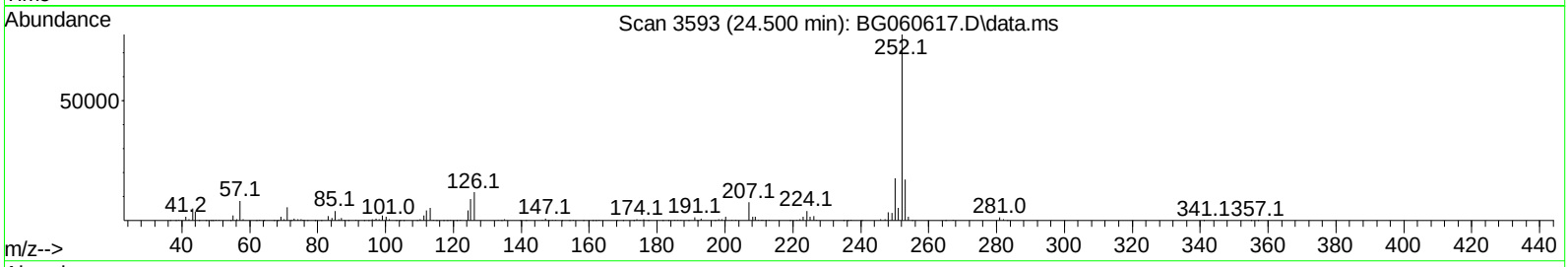
Quant Time: Mar 12 14:50:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 15:23:41 2024
Response via : Initial Calibration

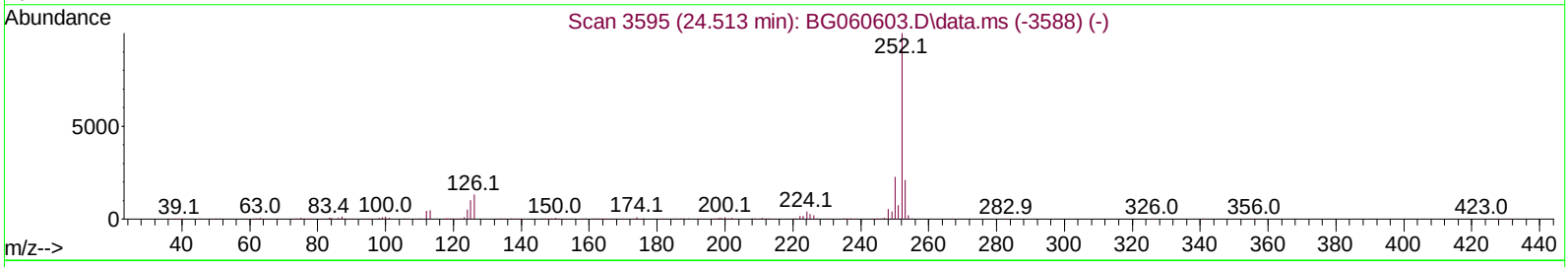
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024







TIC: BG060617.D\data.ms

(91) Benzo(k)fluoranthene

24.500min (-0.001) 4.80 ng/ul m

response 216399

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	22.14
125.00	8.80	11.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

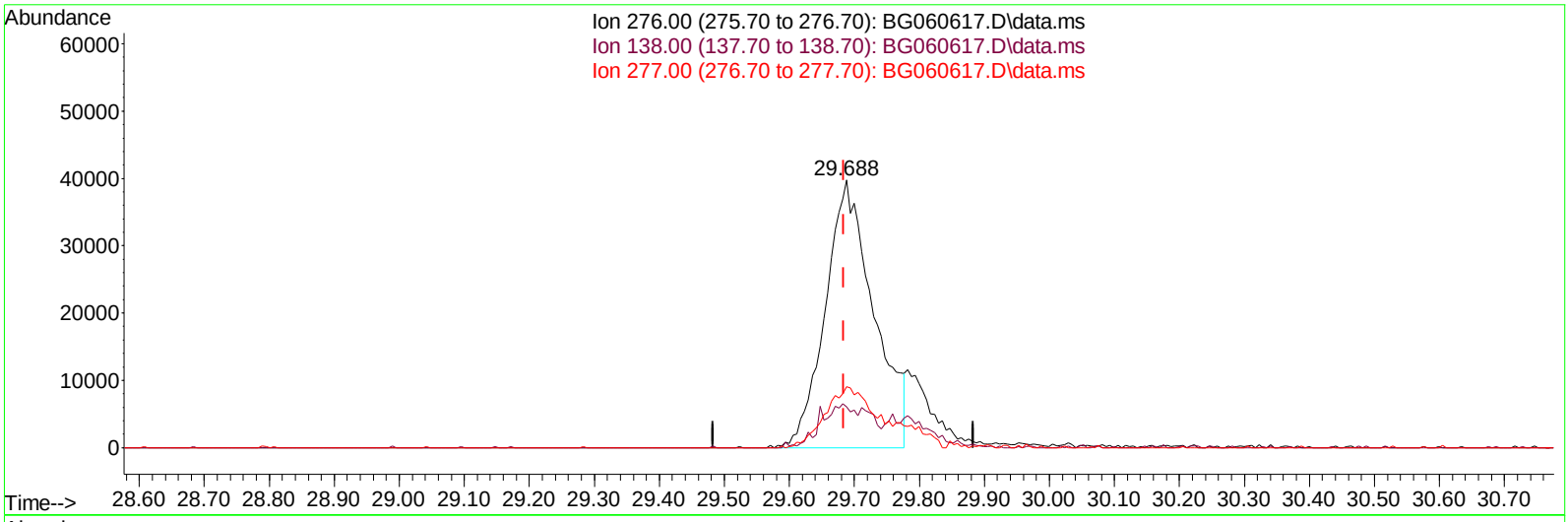
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031224\
Data File : BG060617.D
Acq On : 12 Mar 2024 13:02
Operator : MA/JU
Sample : P1601-06
Misc : SFAM-MDL-MESOIL-02
ALS Vial : 8 Sample Multiplier: 1

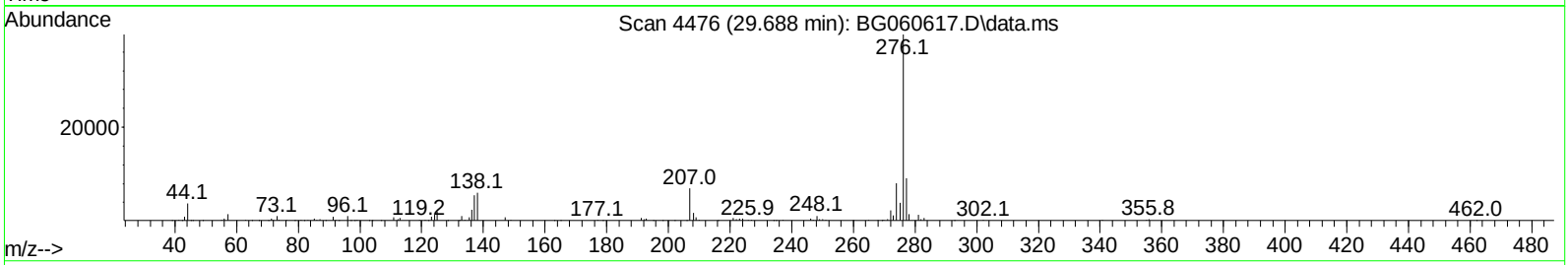
Quant Time: Mar 12 14:50:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 15:23:41 2024
Response via : Initial Calibration

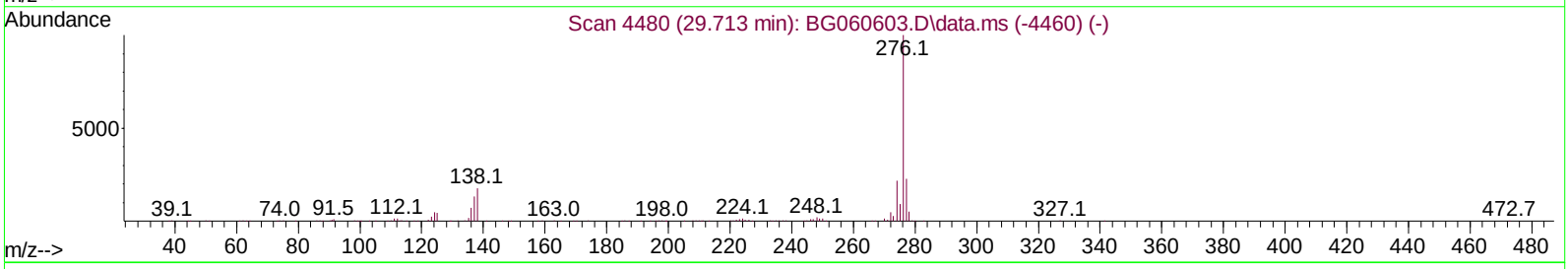
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024







TIC: BG060617.D\data.ms

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

29.688min (+ 0.005) 3.97 ng/ul

response 205353

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.10	15.26
277.00	23.10	22.88
0.00	0.00	0.00

Quantitation Report (Qedit)

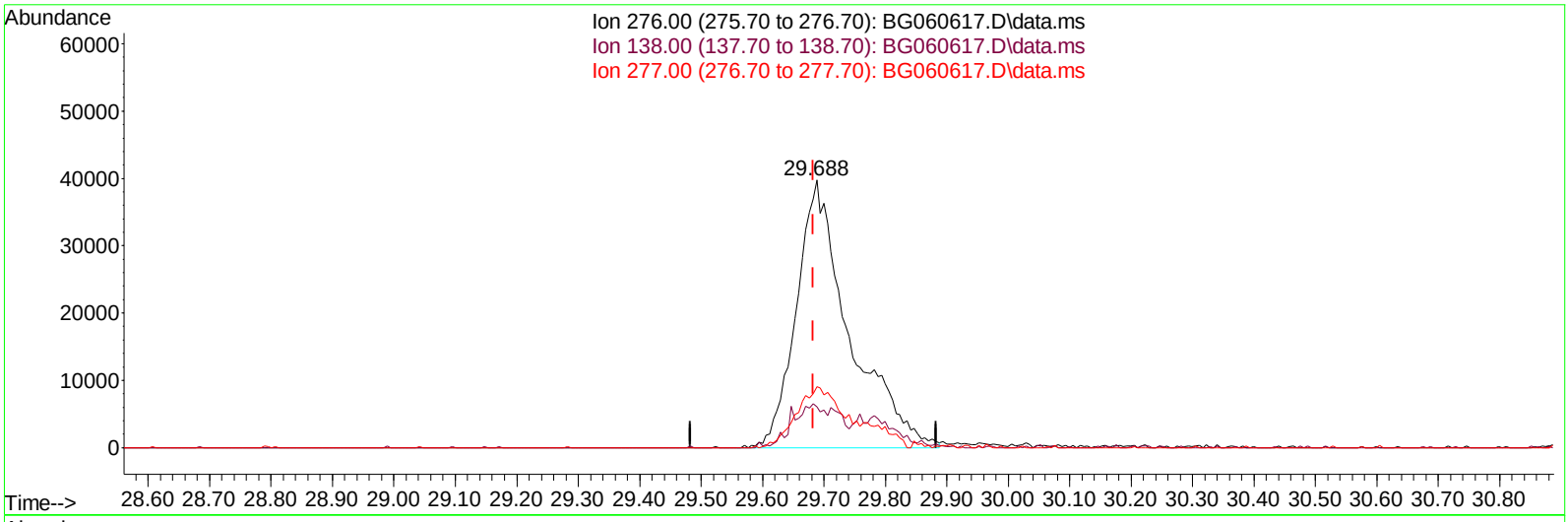
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031224\
Data File : BG060617.D
Acq On : 12 Mar 2024 13:02
Operator : MA/JU
Sample : P1601-06
Misc : SFAM-MDL-MESOIL-02
ALS Vial : 8 Sample Multiplier: 1

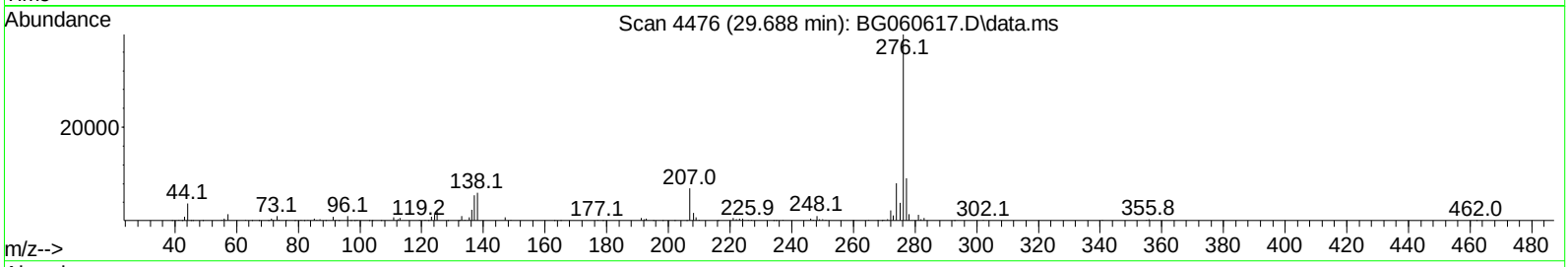
Quant Time: Mar 12 14:50:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 15:23:41 2024
Response via : Initial Calibration

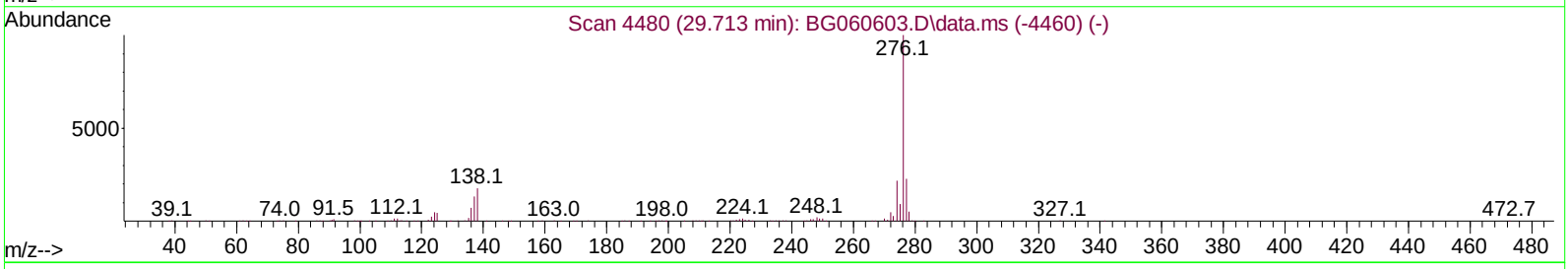
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024







TIC: BG060617.D\data.ms

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

29.688min (+ 0.005) 4.58 ng/ul m

response 236995

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.10	15.26
277.00	23.10	22.88
0.00	0.00	0.00

Quantitation Report (Qedit)

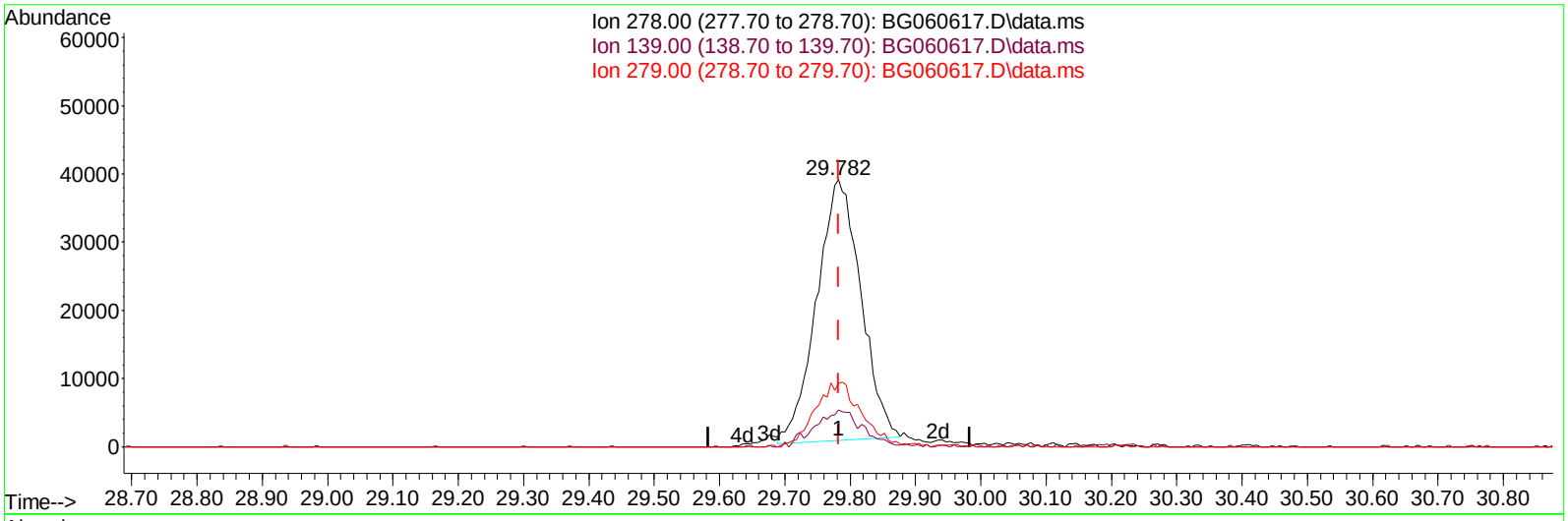
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031224\
Data File : BG060617.D
Acq On : 12 Mar 2024 13:02
Operator : MA/JU
Sample : P1601-06
Misc : SFAM-MDL-MESOIL-02
ALS Vial : 8 Sample Multiplier: 1

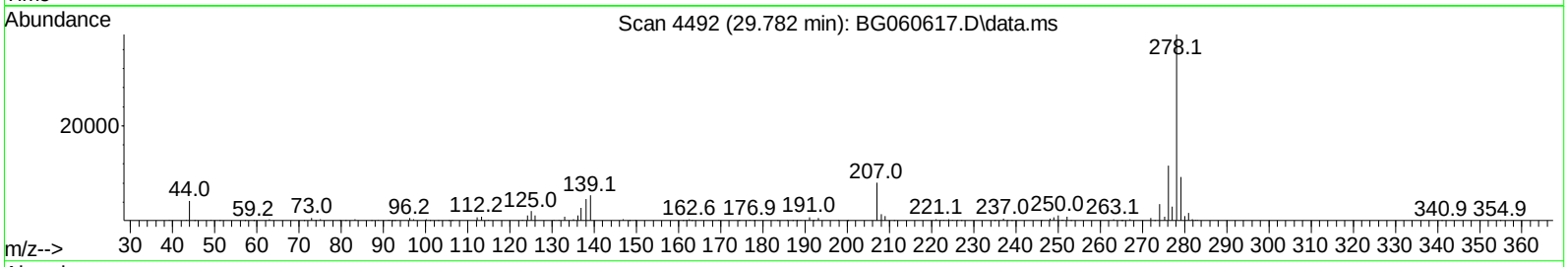
Quant Time: Mar 12 14:50:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 15:23:41 2024
Response via : Initial Calibration

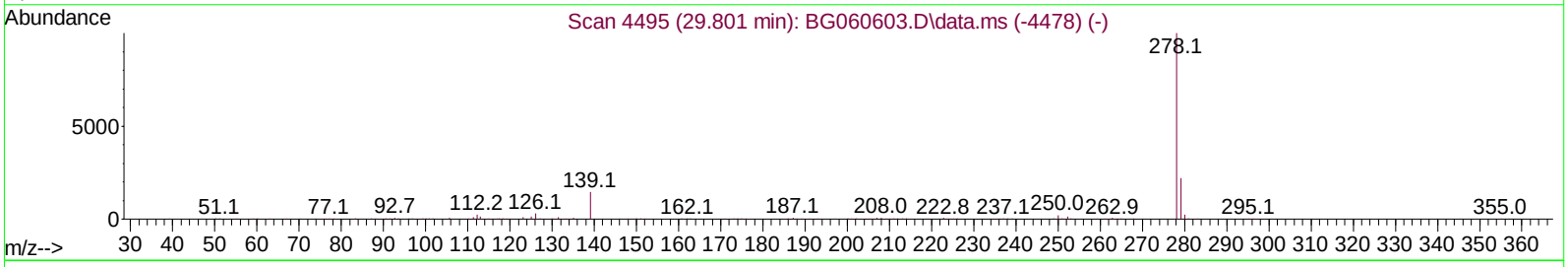
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024







TIC: BG060617.D\data.ms

(95) Dibenzo(a,h)anthracene

29.782min (-0.001) 4.25 ng/ul

response 179757

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.50	13.76
279.00	23.70	23.63
0.00	0.00	0.00

Quantitation Report (Qedit)

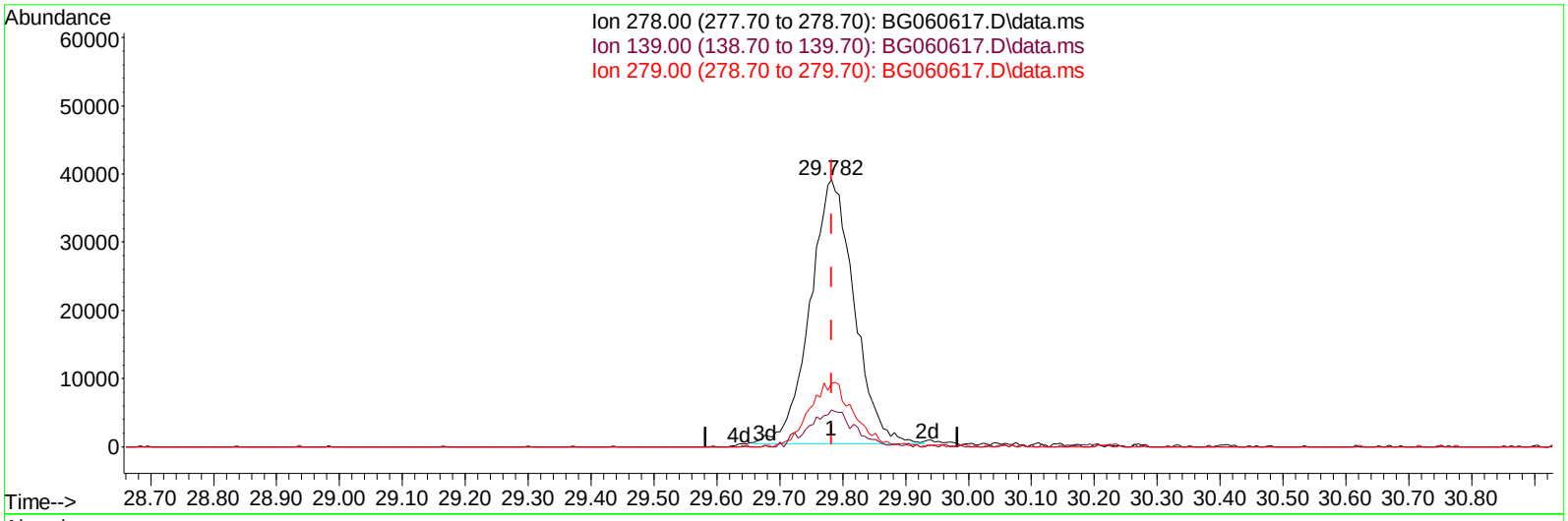
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031224\
Data File : BG060617.D
Acq On : 12 Mar 2024 13:02
Operator : MA/JU
Sample : P1601-06
Misc : SFAM-MDL-MESOIL-02
ALS Vial : 8 Sample Multiplier: 1

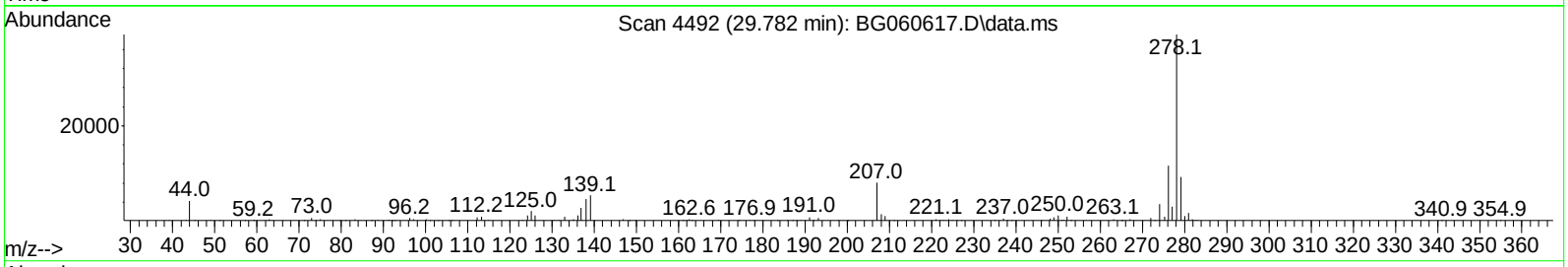
Quant Time: Mar 12 14:50:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 15:23:41 2024
Response via : Initial Calibration

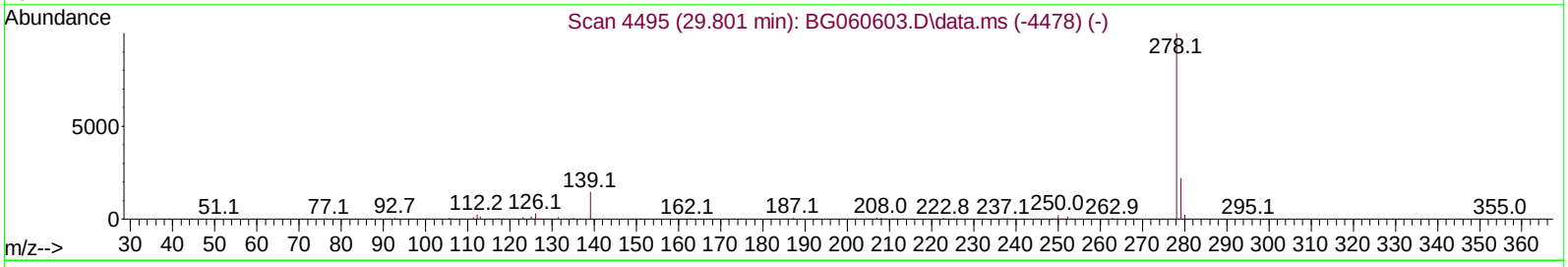
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024







TIC: BG060617.D\data.ms

(95) Dibenzo(a,h)anthracene

29.782min (-0.001) 4.49 ng/ul m

response 189637

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.50	13.76
279.00	23.70	23.63
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031224\
Data File : BG060617.D
Acq On : 12 Mar 2024 13:02
Operator : MA/JU
Sample : P1601-06
Misc : SFAM-MDL-MESOIL-02
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 12 14:57:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 15:23:41 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.325	152	99366	20.000	ng/ul	0.00
20) Naphthalene-d8	11.169	136	460593	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.952	164	312244	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.696	188	710779	20.000	ng/ul	0.00
79) Chrysene-d12	22.021	240	628981	20.000	ng/ul	0.00
88) Perylene-d12	25.581	264	710467	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.613	96	11714	4.451	ng/uL	0.00
4) Pyridine-d5	4.048	84	175145	21.266	ng/ul	0.00
7) Phenol-d5	7.432	99	206431	20.160	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.643	67	132707	19.992	ng/ul	0.00
11) 2-Chlorophenol-d4	7.837	132	147882	20.657	ng/ul	0.00
15) 4-Methylphenol-d8	9.006	113	162732	20.468	ng/ul	0.00
21) Nitrobenzene-d5	9.524	128	72724	24.762	ng/ul	0.00
24) 2-Nitrophenol-d4	10.240	143	72239	24.951	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.763	165	157680	21.155	ng/ul	0.00
31) 4-Chloroaniline-d4	11.310	131	238577	20.592	ng/ul	0.00
46) Dimethylphthalate-d6	14.347	166	541814	21.888	ng/ul	0.00
49) Acenaphthylene-d8	14.653	160	639823	22.074	ng/ul	0.00
54) 4-Nitrophenol-d4	15.111	143	78603	21.068	ng/ul	0.00
60) Fluorene-d10	15.940	176	481031	22.113	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.039	200	51263	17.768	ng/ul	0.00
73) Anthracene-d10	17.796	188	702984	20.125	ng/ul	0.00
81) Pyrene-d10	20.070	212	841374	22.203	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.329	264	810973	22.060	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.648	88	3294m	1.180	ng/uL	
5) Pyridine	4.071	79	35992	4.309	ng/ul#	75
6) Benzaldehyde	7.467	77	27776	5.724	ng/ul	94
8) Phenol	7.461	94	44185	4.265	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.737	93	37776	4.591	ng/ul	91
12) 2-Chlorophenol	7.873	128	34889	4.655	ng/ul#	91
13) 2-Methylphenol	8.742	108	34756	4.306	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.836	45	71335	4.287	ng/ul#	98
16) Acetophenone	9.165	105	59969	4.420	ng/ul#	89
17) N-Nitroso-di-n-propyla...	9.130	70	30068	4.520	ng/ul#	92
18) 4-Methylphenol	9.065	108	37708	4.290	ng/ul	89
19) Hexachloroethane	9.412	117	13572	4.622	ng/ul	88
22) Nitrobenzene	9.565	77	41508	5.059	ng/ul	94
23) Isophorone	10.076	82	90493	4.642	ng/ul#	93
25) 2-Nitrophenol	10.276	139	17427	5.227	ng/ul	89
26) 2,4-Dimethylphenol	10.293	107	28065	3.100	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.558	93	51699	4.561	ng/ul	98
29) 2,4-Dichlorophenol	10.793	162	35834	4.813	ng/ul	94
30) Naphthalene	11.222	128	129563	4.758	ng/ul	98
32) 4-Chloroaniline	11.333	127	52679	4.659	ng/ul	98
33) Hexachlorobutadiene	11.451	225	24821	4.506	ng/ul	95
34) Caprolactam	12.115	113	13741	5.391	ng/ul	98
35) 4-Chloro-3-methylphenol	12.397	107	40910	4.579	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031224\
Data File : BG060617.D
Acq On : 12 Mar 2024 13:02
Operator : MA/JU
Sample : P1601-06
Misc : SFAM-MDL-MESOIL-02
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 12 14:57:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 15:23:41 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.802	142	86511	4.836	ng/ul	93
37) 1-Methylnaphthalene	13.019	142	88163	4.920	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.137	216	47692	4.640	ng/ul	94
40) Hexachlorocyclopentadiene	13.096	237	25826	4.126	ng/ul	94
41) 2,4,6-Trichlorophenol	13.378	196	29884	4.670	ng/ul	91
42) 2,4,5-Trichlorophenol	13.442	196	31793	4.658	ng/ul	93
43) 1,1'-Biphenyl	13.789	154	116639	4.653	ng/ul	96
44) 2-Chloronaphthalene	13.842	162	94739	4.762	ng/ul	99
45) 2-Nitroaniline	14.054	65	24187	4.450	ng/ul	95
47) Dimethylphthalate	14.394	163	121764	4.833	ng/ul	100
48) 2,6-Dinitrotoluene	14.535	165	17432	4.815	ng/ul#	92
50) Acenaphthylene	14.682	152	161968	4.889	ng/ul	99
51) 3-Nitroaniline	14.870	138	20372	4.776	ng/ul	99
52) Acenaphthene	15.017	153	107078	4.869	ng/ul	96
53) 2,4-Dinitrophenol	15.064	184	9262	5.030	ng/ul#	82
55) 4-Nitrophenol	15.129	109	19964	5.540	ng/ul	91
56) Dibenzofuran	15.346	168	143929	4.876	ng/ul	99
57) 2,4-Dinitrotoluene	15.305	165	25458	5.175	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.546	232	25913	4.457	ng/ul#	98
59) Diethylphthalate	15.740	149	128941	5.018	ng/ul	99
61) Fluorene	15.992	166	119418	4.883	ng/ul#	97
62) 4-Chlorophenyl-phenyle...	15.981	204	60328	4.926	ng/ul#	87
63) 4-Nitroaniline	16.028	138	20810	4.898	ng/ul#	75
66) 4,6-Dinitro-2-methylph...	16.051	198	15127	4.748	ng/ul	94
67) N-Nitrosodiphenylamine	16.192	169	104977	4.623	ng/ul	98
68) 4-Bromophenyl-phenylether	16.874	248	35569	4.353	ng/ul	91
69) Hexachlorobenzene	16.962	284	47262	4.838	ng/ul	95
70) Atrazine	17.126	200	43723	5.683	ng/ul	90
71) Pentachlorophenol	17.320	266	24943	4.634	ng/ul	86
72) Phenanthrene	17.743	178	191420	4.693	ng/ul	99
74) Anthracene	17.831	178	186273	4.484	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.748	216	47192	4.445	ng/uL	96
76) Pentachlorobenzene	15.240	250	53025	4.851	ng/uL	95
77) Carbazole	18.108	167	166377	4.670	ng/ul	99
78) Di-n-butylphthalate	18.619	149	200719	4.613	ng/ul#	96
80) Fluoranthene	19.729	202	212344	4.722	ng/ul	99
82) Pyrene	20.093	202	234080	4.970	ng/ul	98
83) Butylbenzylphthalate	20.963	149	79198	4.572	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.909	252	75954	5.280	ng/ul	99
85) Benzo(a)anthracene	21.997	228	223161	4.777	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.844	149	109755	4.264	ng/ul	94
87) Chrysene	22.074	228	211146	4.748	ng/ul	97
89) Di-n-octyl phthalate	23.178	149	186006	4.211	ng/ul	100
90) Benzo(b)fluoranthene	24.424	252	196197	4.543	ng/ul	97
91) Benzo(k)fluoranthene	24.500	252	216399m	4.800	ng/ul	
93) Benzo(a)pyrene	25.405	252	190253	4.542	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.688	276	236995m	4.581	ng/ul	
95) Dibenzo(a,h)anthracene	29.782	278	189637m	4.486	ng/ul	
96) Benzo(g,h,i)perylene	30.992	276	188615	4.540	ng/ul	98

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

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Supervised By :mohammad ahmed 03/14/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031224\
Data File : BG060617.D
Acq On : 12 Mar 2024 13:02
Operator : MA/JU
Sample : P1601-06
Misc : SFAM-MDL-MESOIL-02
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 12 14:57:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030824.MA.M
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