Quantitation Report (Qedit)

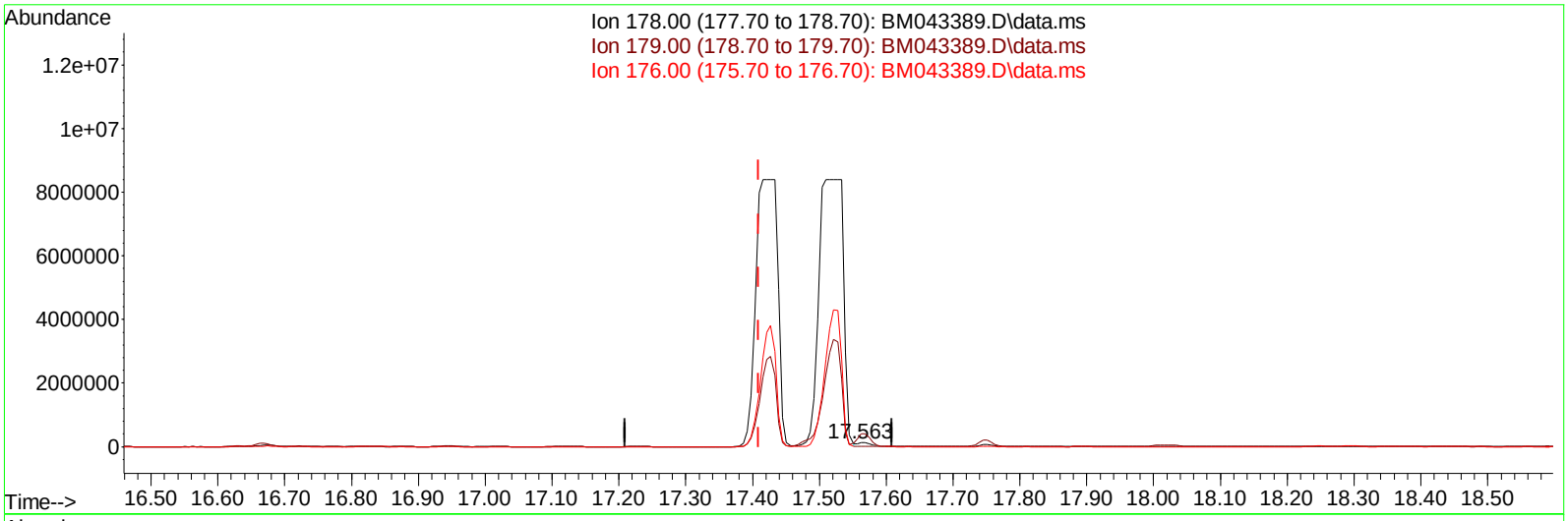
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043389.D
Acq On : 18 Dec 2023 12:40
Operator : MA/JU
Sample : 05626-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

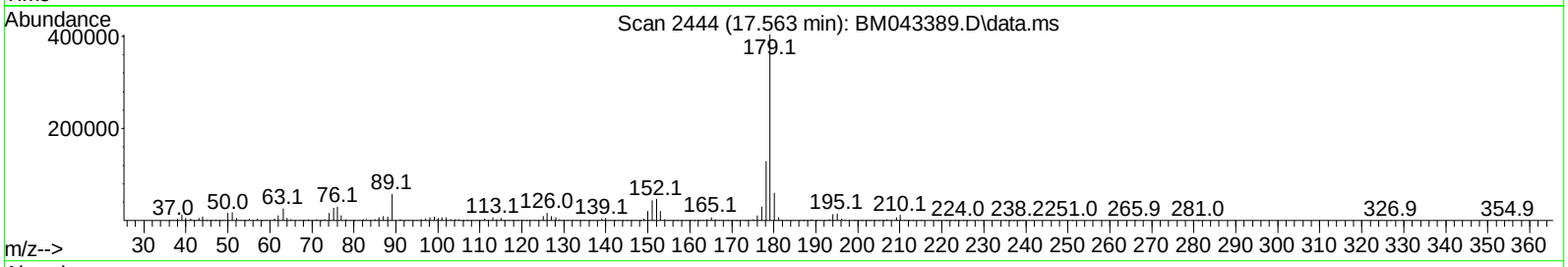
Quant Time: Dec 19 00:26:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration

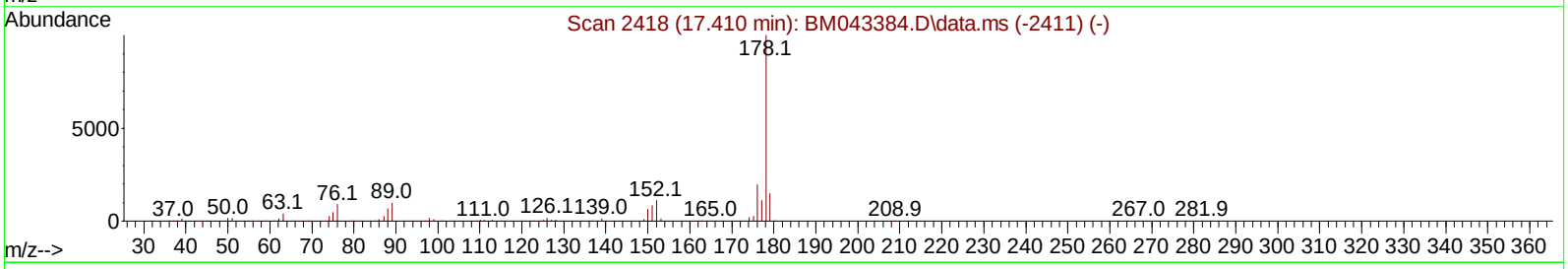
Instrument :
BNA_M
ClientSampleId :
DCLF3MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023







TIC: BM043389.D\data.ms

(72) Phenanthrene

17.563min (+ 0.153) 1.57 ng/ul

response 157748

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.30	313.77#
176.00	19.40	8.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043389.D
Acq On : 18 Dec 2023 12:40
Operator : MA/JU
Sample : 05626-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 19 00:26:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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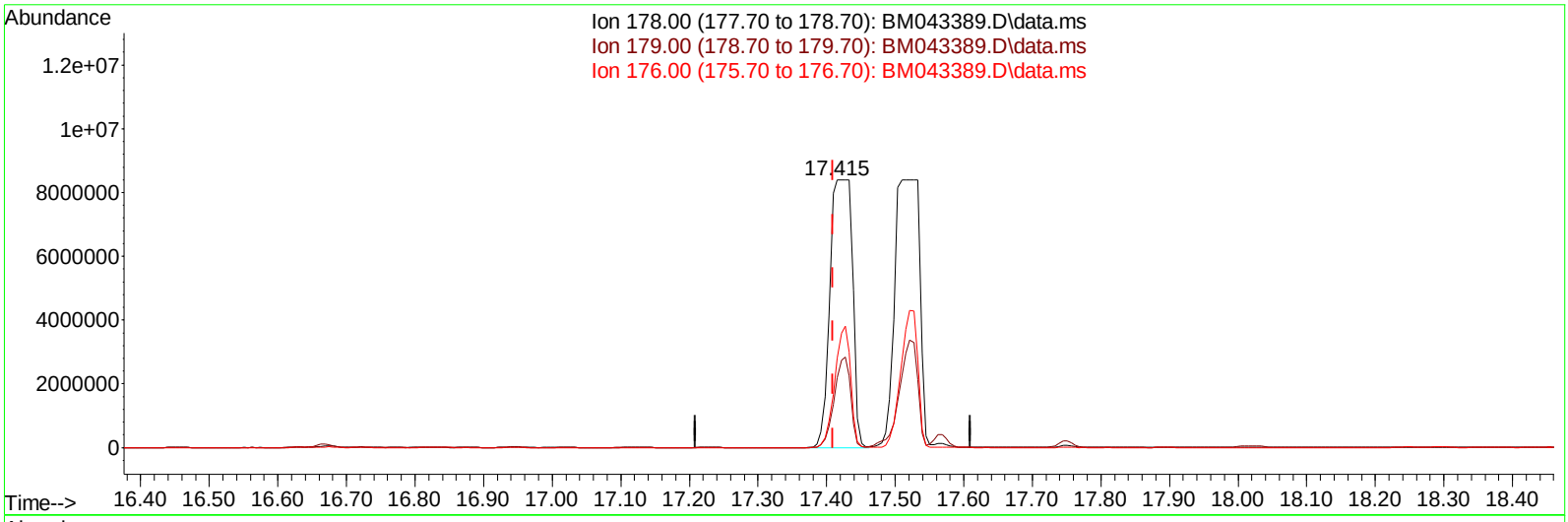

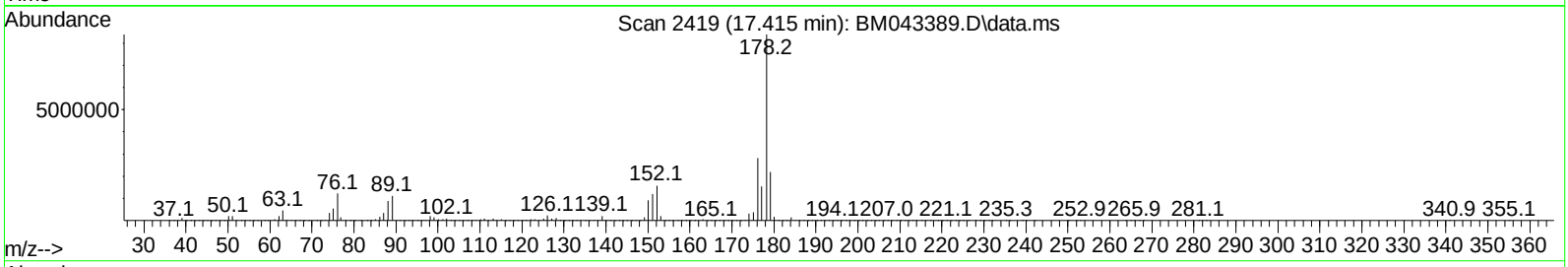

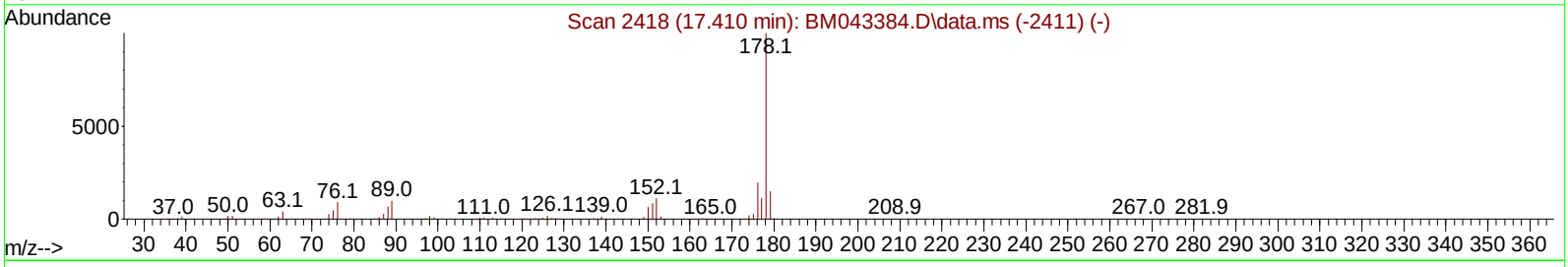

TIC: BM043389.D\data.ms

(72) Phenanthrene

17.415min (+ 0.006) 189.09 ng/ul m

response 19010174

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.30	26.16#
176.00	19.40	33.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043389.D
Acq On : 18 Dec 2023 12:40
Operator : MA/JU
Sample : 05626-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 19 00:26:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCLF3MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/19/2023
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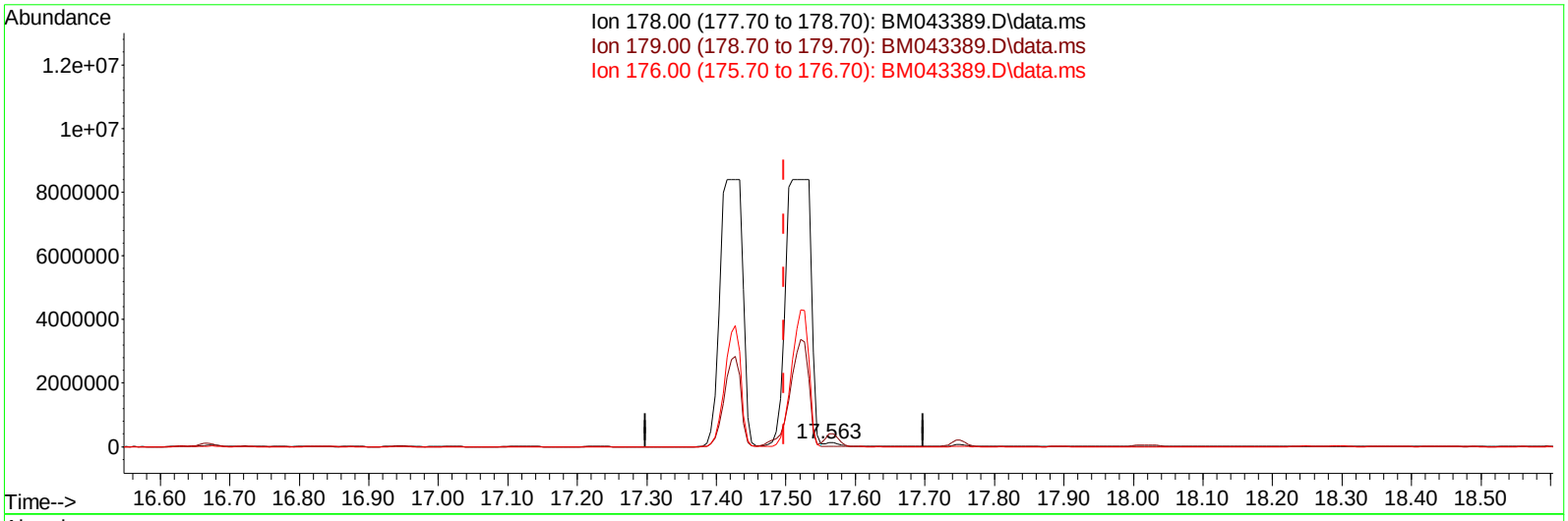
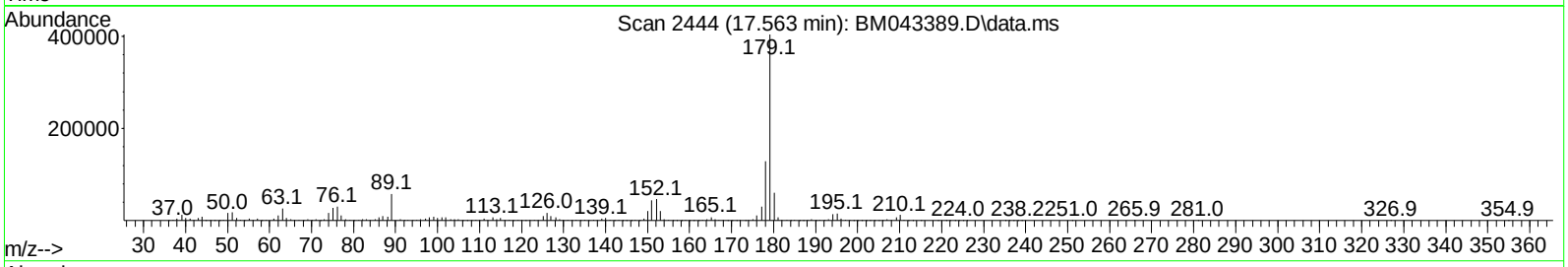
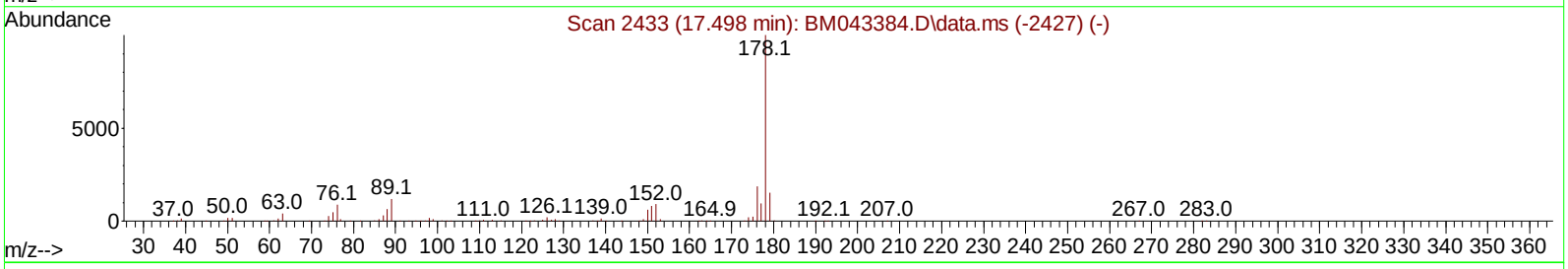






TIC: BM043389.D\data.ms

(74) Anthracene

17.563min (+ 0.065) 1.55 ng/ul

response 157769

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.50	313.77#
176.00	19.00	8.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

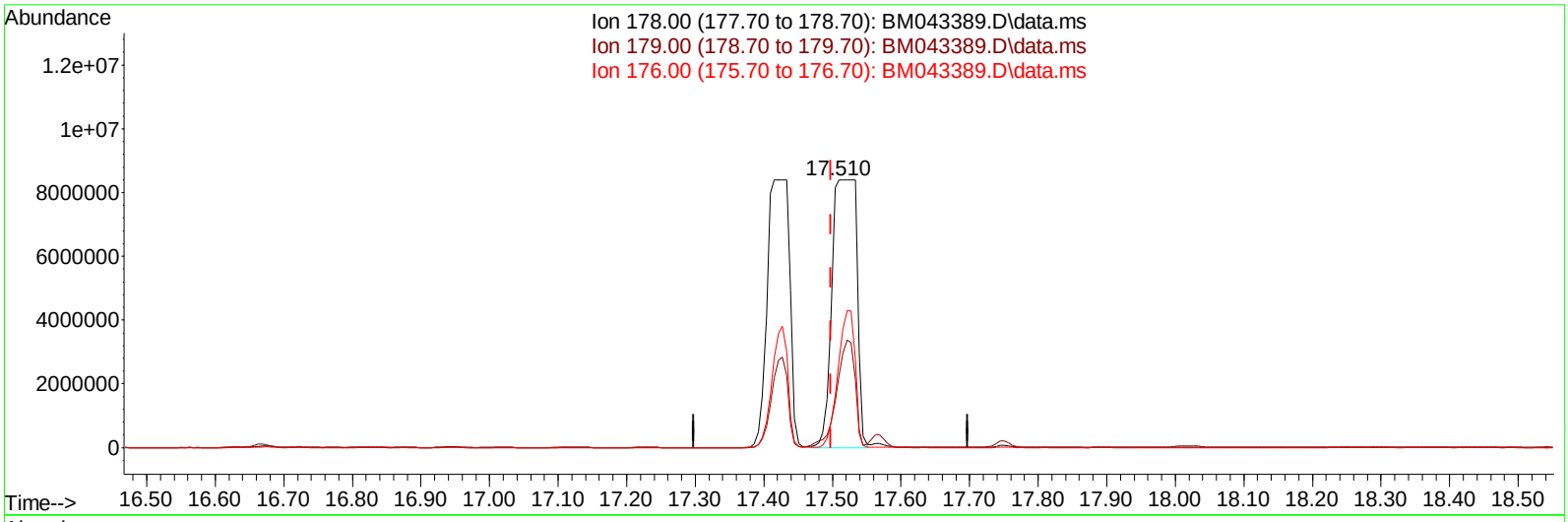
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043389.D
Acq On : 18 Dec 2023 12:40
Operator : MA/JU
Sample : 05626-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

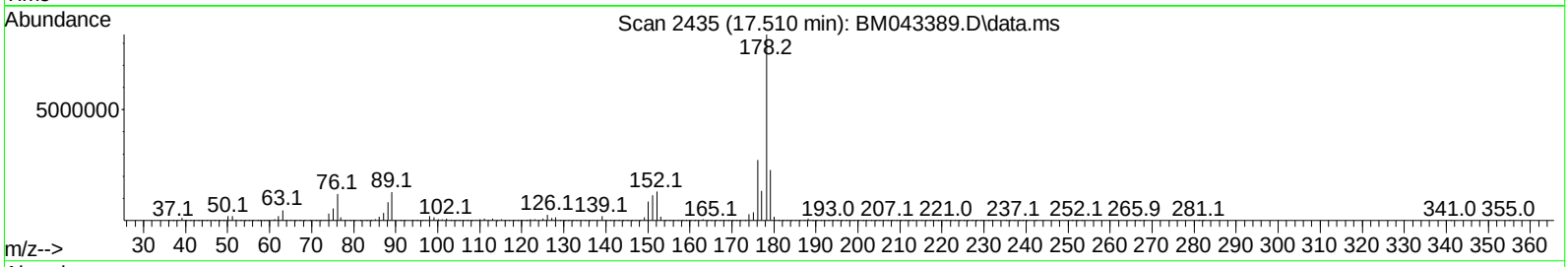
Quant Time: Dec 19 00:26:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration

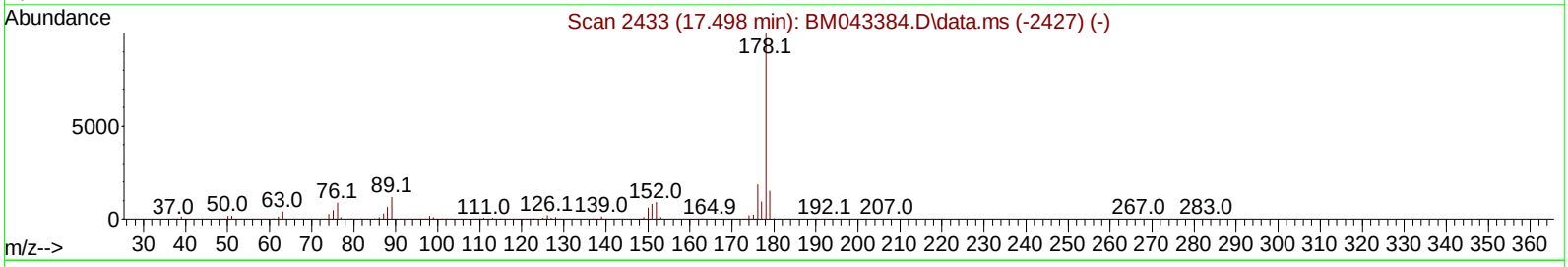
Instrument :
BNA_M
ClientSampleId :
DCLF3MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023







TIC: BM043389.D\data.ms

(74) Anthracene

17.510min (+ 0.012) 207.82 ng/ul m

response 21086129

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.50	27.06#
176.00	19.00	32.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

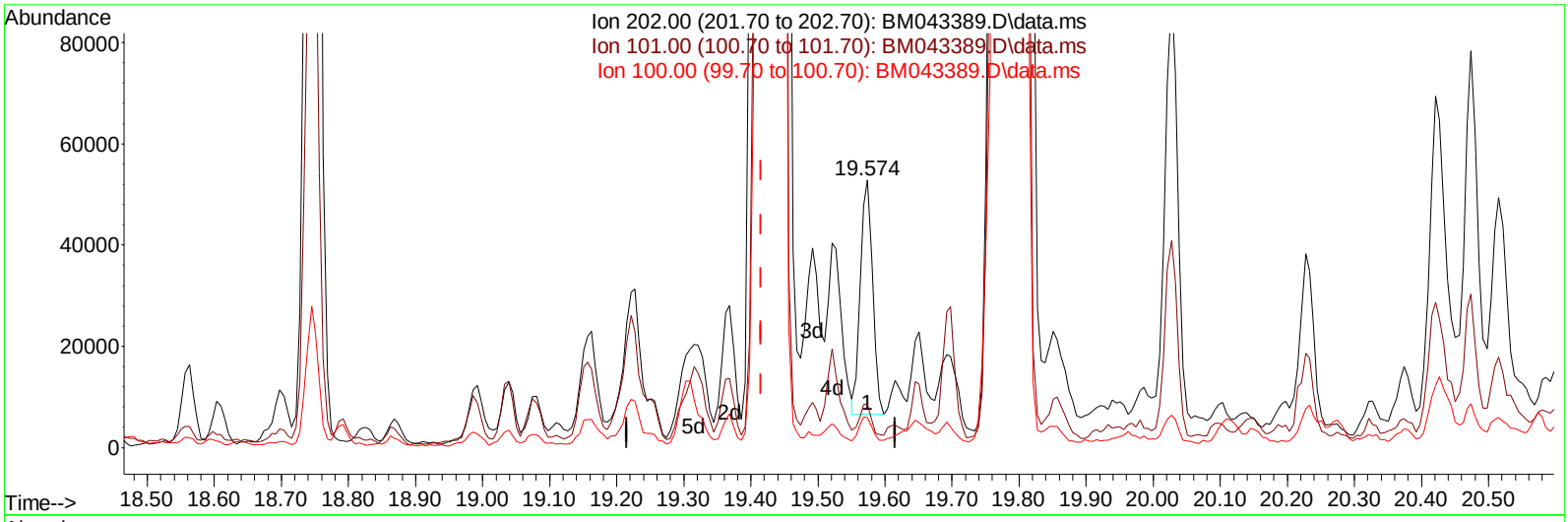
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043389.D
Acq On : 18 Dec 2023 12:40
Operator : MA/JU
Sample : 05626-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

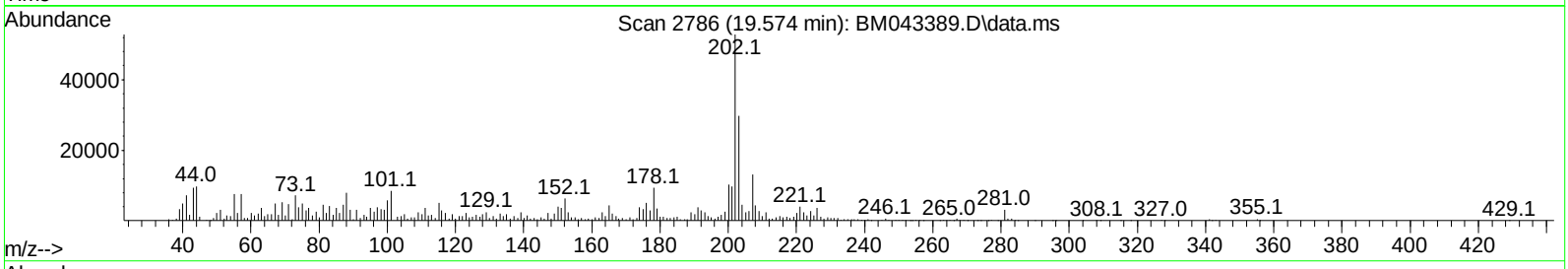
Quant Time: Dec 19 00:26:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration

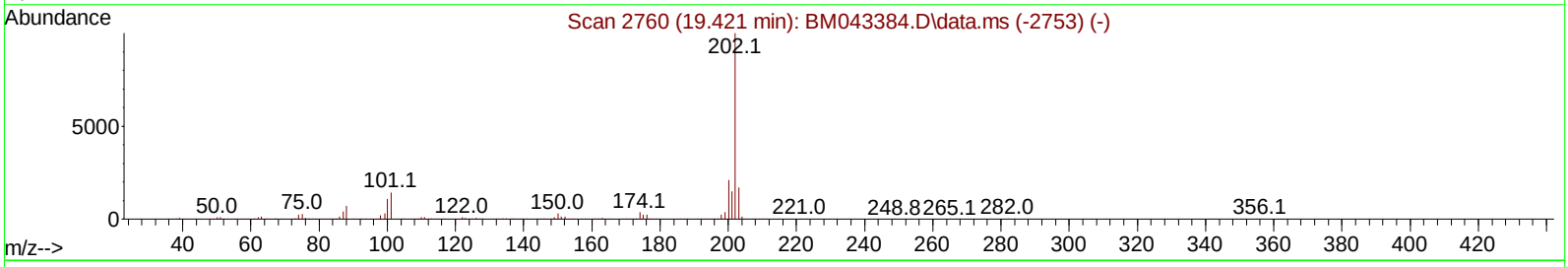
Instrument :
BNA_M
ClientSampleId :
DCLF3MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023







TIC: BM043389.D\data.ms

(80) Fluoranthene

19.574min (+ 0.159) 0.50 ng/ul

response 58527

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.20	16.11
100.00	10.30	11.14
0.00	0.00	0.00

Quantitation Report (Qedit)

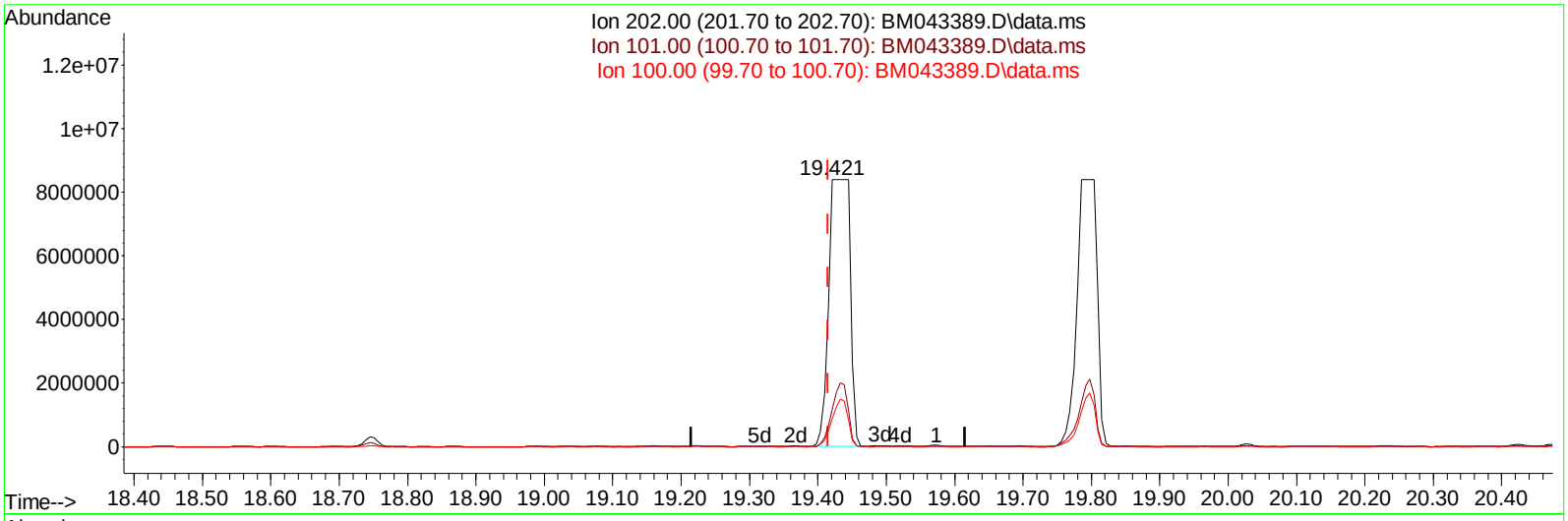
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043389.D
Acq On : 18 Dec 2023 12:40
Operator : MA/JU
Sample : 05626-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

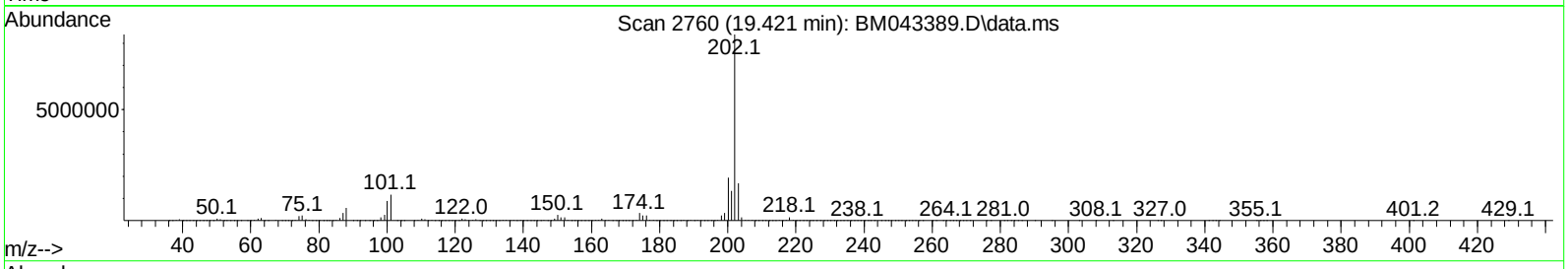
Quant Time: Dec 19 00:26:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration

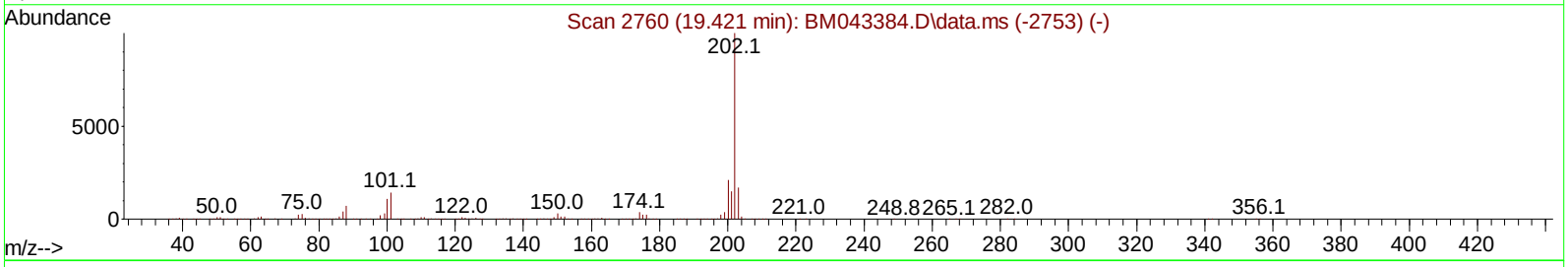
Instrument :
BNA_M
ClientSampleId :
DCLF3MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023







TIC: BM043389.D\data.ms

(80) Fluoranthene

19.421min (+ 0.006) 155.28 ng/ul m

response 18178063

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.20	13.94
100.00	10.30	10.42
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043389.D
Acq On : 18 Dec 2023 12:40
Operator : MA/JU
Sample : 05626-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 19 00:26:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
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Instrument :
BNA_M
ClientSampleId :
DCLF3MS

Manual IntegrationsAPPROVED

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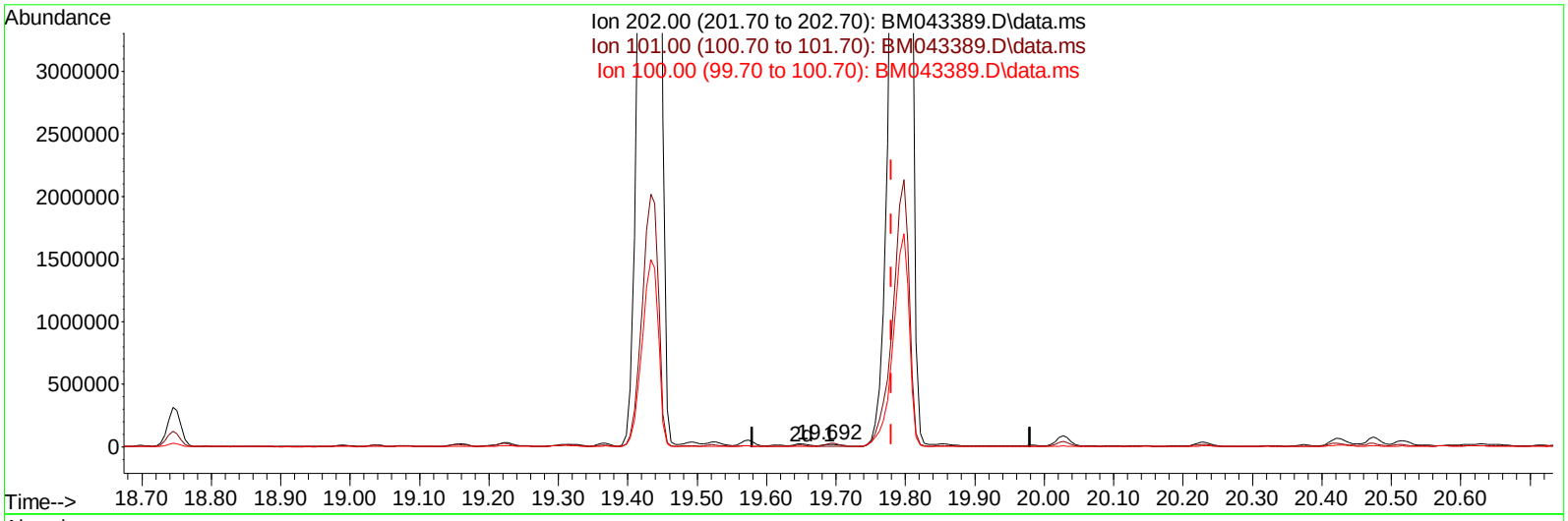
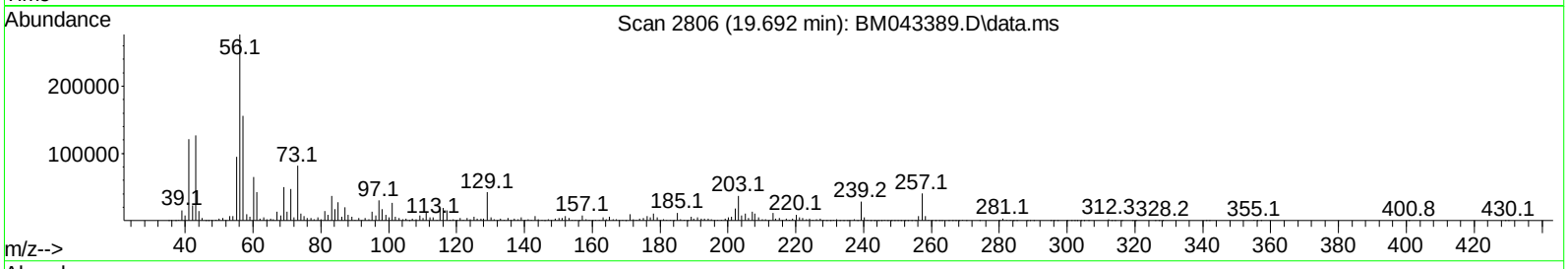
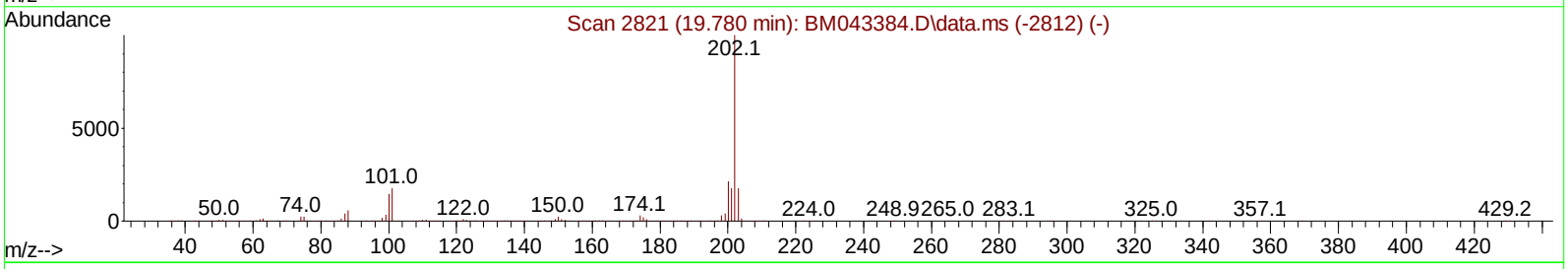
Supervised By :mohammad ahmed 12/20/2023







TIC: BM043389.D\data.ms

(82) Pyrene

19.692min (-0.088) 0.22 ng/ul

response 26519

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.90	145.92#
100.00	12.60	27.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043389.D
Acq On : 18 Dec 2023 12:40
Operator : MA/JU
Sample : 05626-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 19 00:26:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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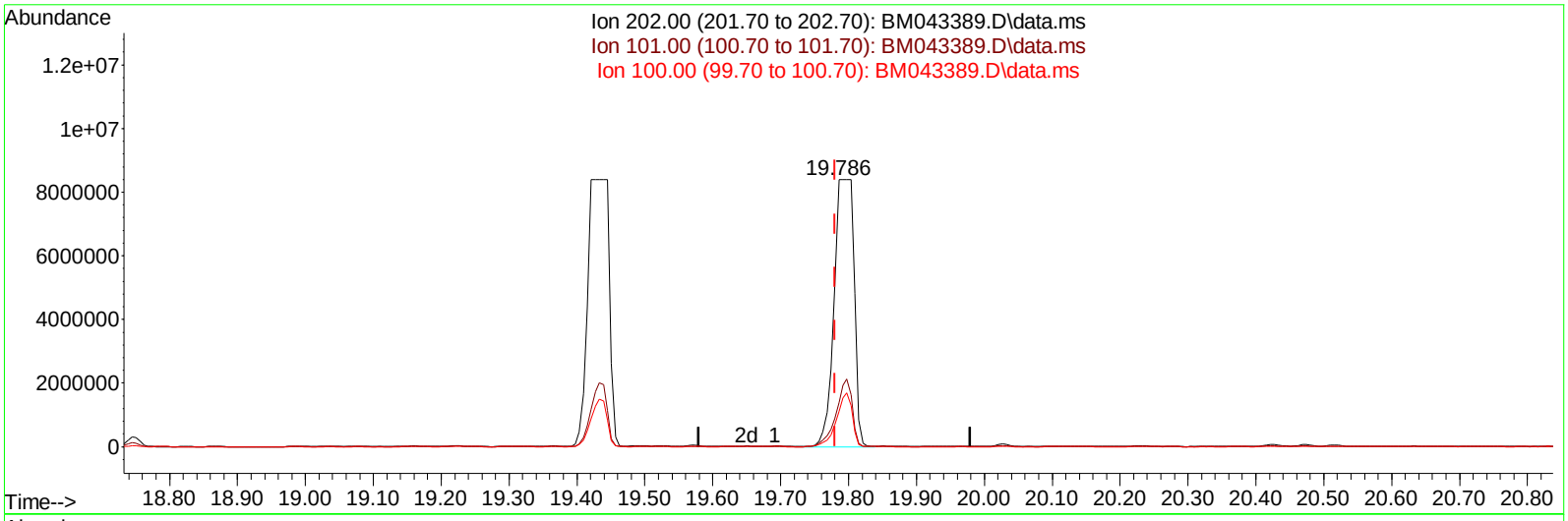

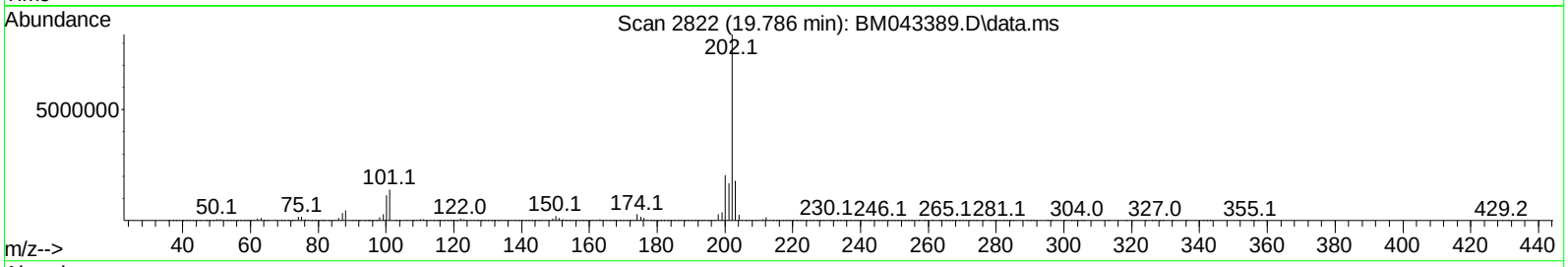

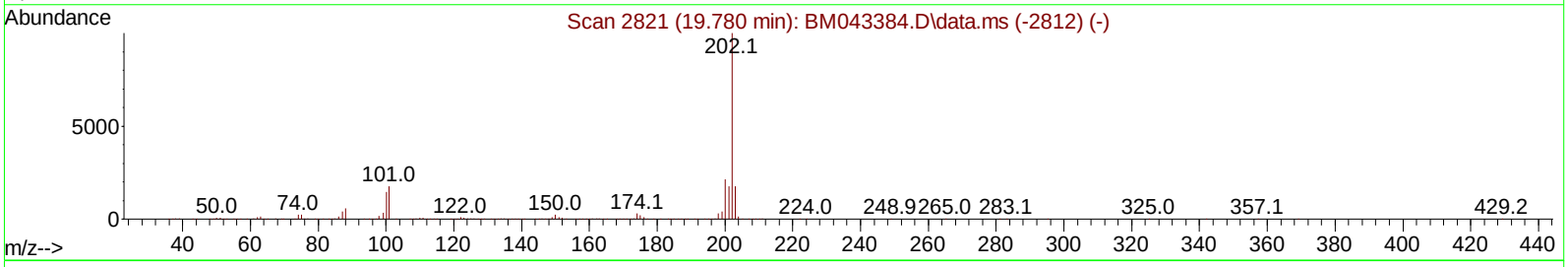

TIC: BM043389.D\data.ms

(82) Pyrene

19.786min (+ 0.006) 142.54 ng/ul m

response 17153770

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.90	16.72
100.00	12.60	13.43
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043389.D
Acq On : 18 Dec 2023 12:40
Operator : MA/JU
Sample : 05626-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 19 01:07:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
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Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	400018	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	1677548	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	849457	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	1483367	20.000	ng/ul	0.01
79) Chrysene-d12	21.550	240	1197368	20.000	ng/ul	0.01
88) Perylene-d12	23.980	264	1237520	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	75823	6.160	ng/uL	0.00
4) Pyridine-d5	3.805	84	1116310	31.513	ng/ul	0.00
7) Phenol-d5	7.157	99	1566501	34.425	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	1000003	34.699	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	1205318	34.691	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	1183641	33.520	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	592947	36.533	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	618721	36.894	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	1062116	35.877	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	1375225	31.576	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2694816	35.241	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	3311743	36.508	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	512474	35.409	ng/ul	0.01
60) Fluorene-d10	15.616	176	2230383	35.272	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	339077	34.563	ng/ul	0.01
73) Anthracene-d10	17.480	188	2975880	35.772	ng/ul	0.02
81) Pyrene-d10	19.756	212	3193875	33.786	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.821	264	2820687	36.936	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	182326	13.408	ng/uL	97
5) Pyridine	3.828	79	1367513	37.330	ng/ul	100
6) Benzaldehyde	7.140	77	894213	41.444	ng/ul	99
8) Phenol	7.187	94	1756107	39.226	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	1421255	39.105	ng/ul	99
12) 2-Chlorophenol	7.557	128	1366580	38.611	ng/ul	98
13) 2-Methylphenol	8.440	108	1288464	37.903	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.522	45	2398690	39.302	ng/ul	99
16) Acetophenone	8.828	105	2009759	37.175	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.822	70	1129249	34.996	ng/ul	98
18) 4-Methylphenol	8.775	108	1381795	37.506	ng/ul	100
19) Hexachloroethane	9.069	117	587768	39.384	ng/ul	98
22) Nitrobenzene	9.210	77	1632249	40.636	ng/ul	97
23) Isophorone	9.739	82	3089590	37.918	ng/ul	99
25) 2-Nitrophenol	9.922	139	735529	41.268	ng/ul	98
26) 2,4-Dimethylphenol	9.981	107	1208514	38.064	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.228	93	1869293	38.853	ng/ul	100
29) 2,4-Dichlorophenol	10.451	162	1135173	39.512	ng/ul	100
30) Naphthalene	10.857	128	4791714	44.818	ng/ul	100
32) 4-Chloroaniline	10.969	127	1257041	30.015	ng/ul	100
33) Hexachlorobutadiene	11.128	225	596457	40.719	ng/ul	98
34) Caprolactam	11.769	113	402640	43.856	ng/ul	97
35) 4-Chloro-3-methylphenol	12.092	107	1266124	37.520	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043389.D
Acq On : 18 Dec 2023 12:40
Operator : MA/JU
Sample : 05626-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 19 01:07:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCLF3MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.463	142	3412097	46.884	ng/ul	99
37) 1-Methylnaphthalene	12.675	142	3163972	43.103	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.822	216	1117948	43.194	ng/ul	98
40) Hexachlorocyclopentadiene	12.792	237	504146	31.044	ng/ul	97
41) 2,4,6-Trichlorophenol	13.063	196	763040	41.475	ng/ul	96
42) 2,4,5-Trichlorophenol	13.139	196	814311	41.686	ng/ul	98
43) 1,1'-Biphenyl	13.469	154	3560264	43.968	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	2599968	41.880	ng/ul	100
45) 2-Nitroaniline	13.722	65	880966	42.318	ng/ul	98
47) Dimethylphthalate	14.092	163	3015635	39.933	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	616163	42.202	ng/ul	95
50) Acenaphthylene	14.351	152	4551911	43.697	ng/ul	98
51) 3-Nitroaniline	14.545	138	685051	40.872	ng/ul	97
52) Acenaphthene	14.692	153	6489859	94.529	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	302323	38.898	ng/ul	95
55) 4-Nitrophenol	14.845	109	470441	41.860	ng/ul	97
56) Dibenzofuran	15.027	168	7376212	83.190	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	861183	41.749	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.245	232	562254	37.568	ng/ul	97
59) Diethylphthalate	15.451	149	3149945	40.702	ng/ul	99
61) Fluorene	15.674	166	7294437	96.297	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.669	204	1400319	42.027	ng/ul	99
63) 4-Nitroaniline	15.704	138	767574	50.033	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.763	198	427564	40.821	ng/ul	98
67) N-Nitrosodiphenylamine	15.886	169	2364422	41.498	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	737274	41.953	ng/ul	97
69) Hexachlorobenzene	16.668	284	817537	40.605	ng/ul	97
70) Atrazine	16.845	200	456704	36.569	ng/ul	99
71) Pentachlorophenol	17.015	266	472951	38.856	ng/ul	99
72) Phenanthrene	17.415	178	19010174m	189.086	ng/ul	
74) Anthracene	17.510	178	21086129m	207.819	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.427	216	1097788	45.064	ng/uL	99
76) Pentachlorobenzene	14.939	250	1000788	42.191	ng/uL	98
77) Carbazole	17.780	167	6123090	70.708	ng/ul	100
78) Di-n-butylphthalate	18.345	149	5262565	46.485	ng/ul	100
80) Fluoranthene	19.421	202	18178063m	155.283	ng/ul	
82) Pyrene	19.786	202	17153770m	142.536	ng/ul	
83) Butylbenzylphthalate	20.692	149	2250657	43.256	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.468	252	1160149	39.341	ng/ul	98
85) Benzo(a)anthracene	21.539	228	9185162	91.738	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.468	149	3416657	46.124	ng/ul	99
87) Chrysene	21.592	228	8980710	99.704	ng/ul	96
89) Di-n-octyl phthalate	22.415	149	5718027	48.302	ng/ul	100
90) Benzo(b)fluoranthene	23.244	252	6917816	72.946	ng/ul	99
91) Benzo(k)fluoranthene	23.292	252	5136993	55.539	ng/ul	99
93) Benzo(a)pyrene	23.880	252	5285865	61.092	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.521	276	5271133	51.022	ng/ul	97
95) Dibenzo(a,h)anthracene	26.538	278	3976546	46.484	ng/ul	99
96) Benzo(g,h,i)perylene	27.297	276	4096938	50.589	ng/ul	100

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

Instrument :
BNA_M
ClientSampleId :
DCLF3MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043389.D
Acq On : 18 Dec 2023 12:40
Operator : MA/JU
Sample : 05626-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 19 01:07:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCLF3MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023