Quantitation Report (Qedit)

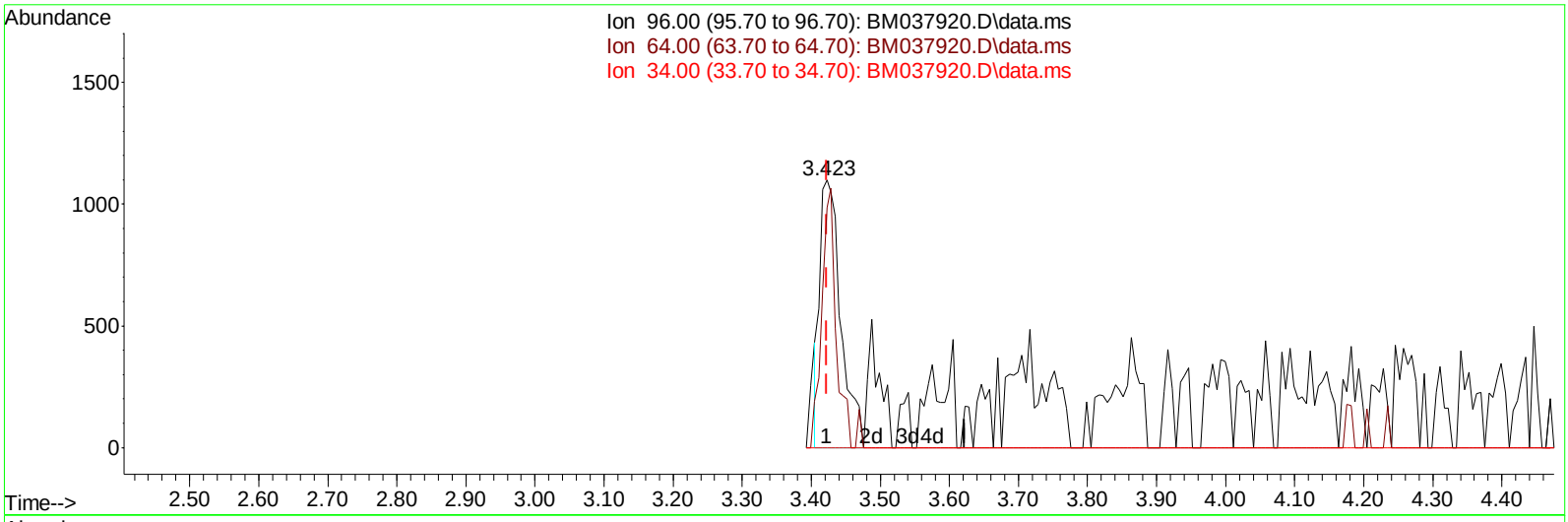
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

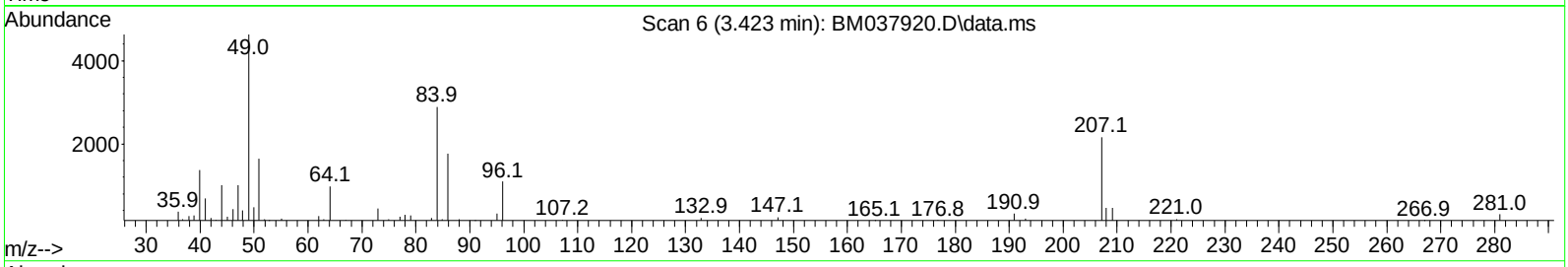
Quant Time: Dec 09 21:49:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

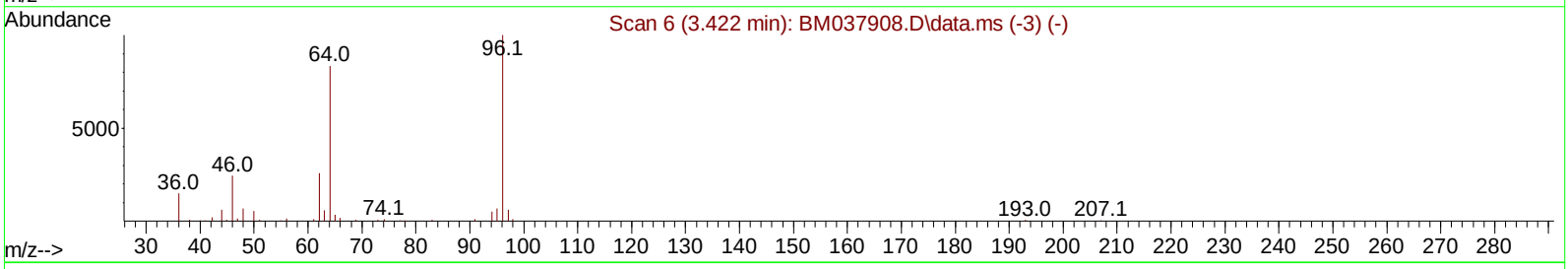
Instrument :
BNA_M
ClientSampleId :
DBXM9

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022







TIC: BM037920.D\data.ms

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

3.423min (+ 0.000) 0.43 ng/uL

response 2306

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	89.72
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

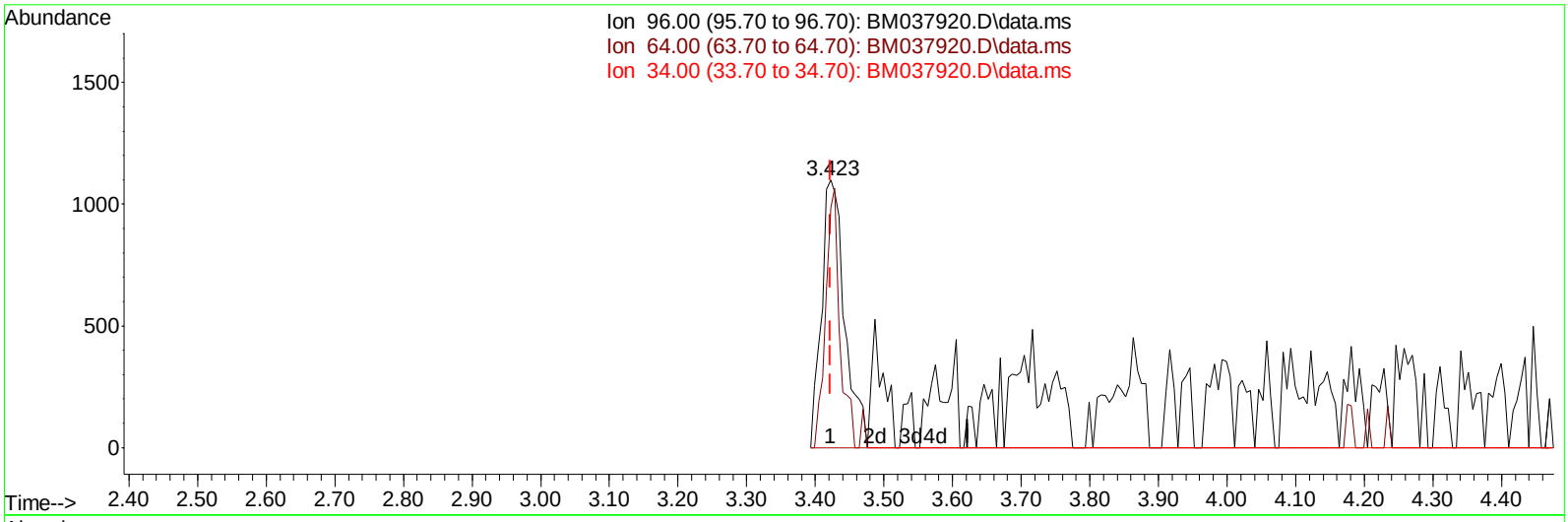
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

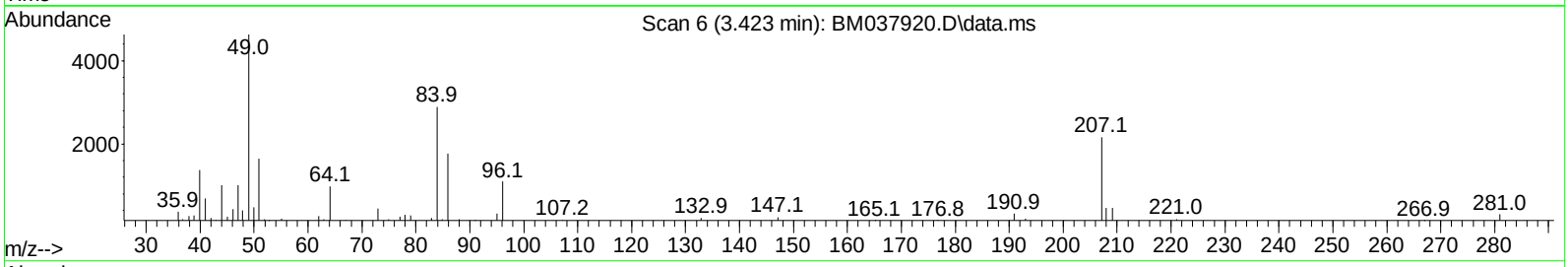
Quant Time: Dec 09 21:49:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

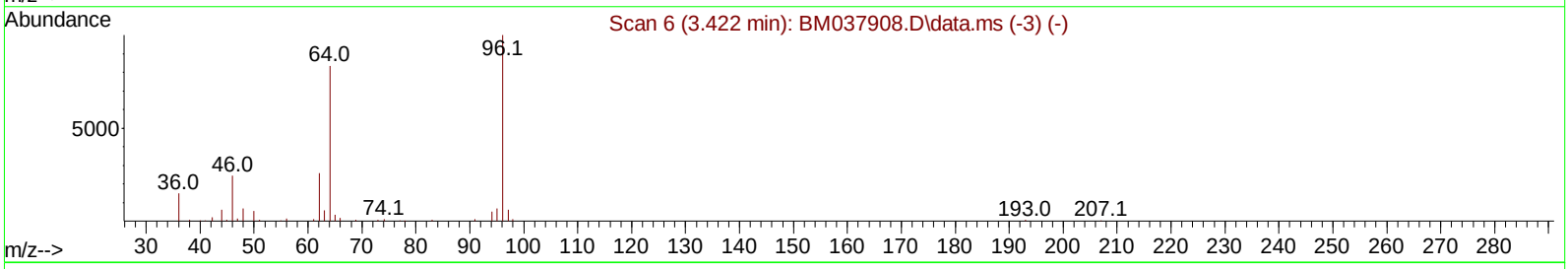
Instrument :
BNA_M
ClientSampleId :
DBXM9

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022







TIC: BM037920.D\data.ms

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

3.423min (+ 0.000) 0.47 ng/uL m

response 2548

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	89.72
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

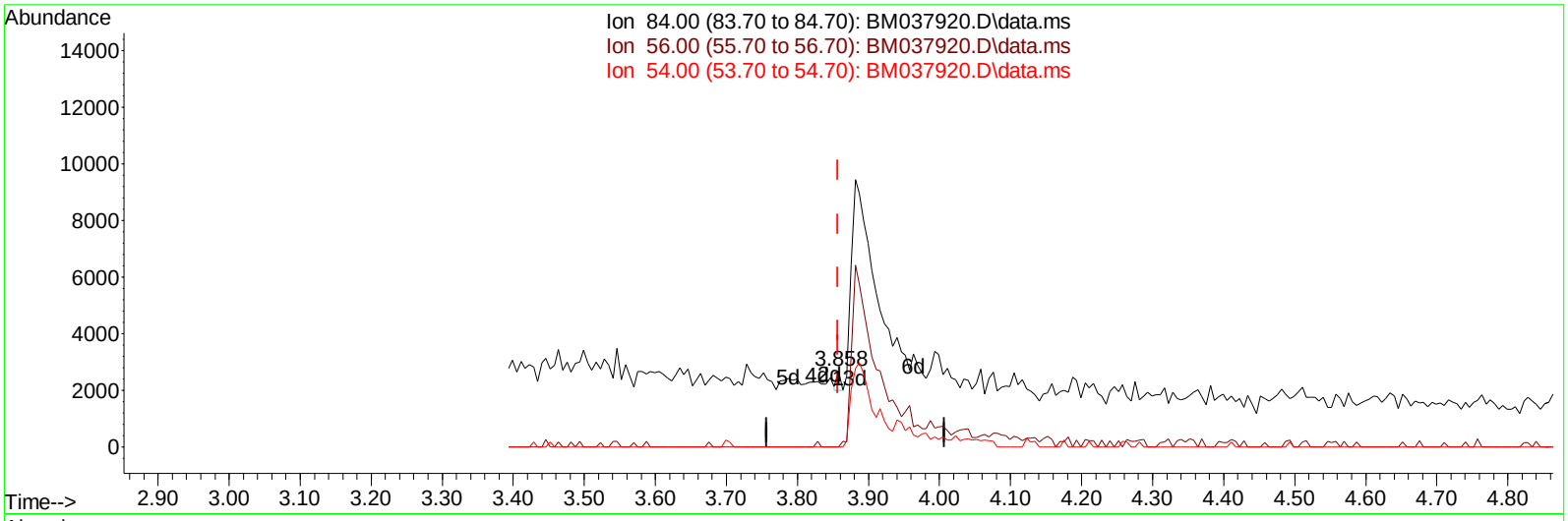
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

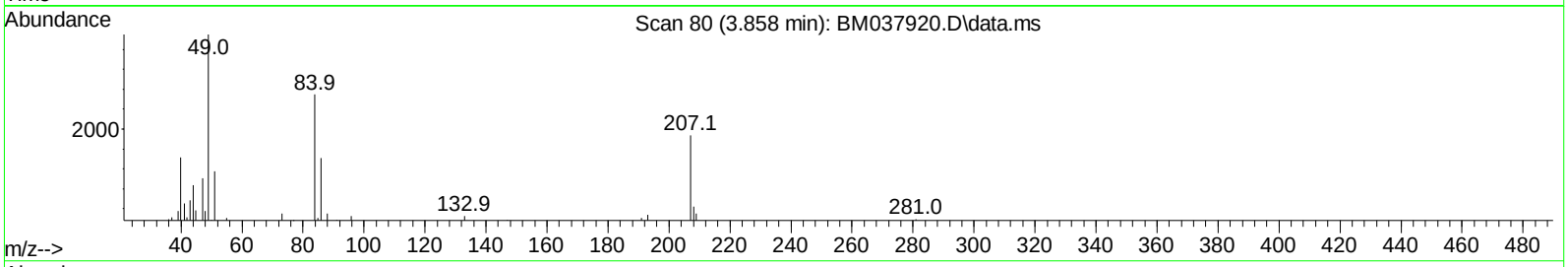
Quant Time: Dec 09 21:49:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

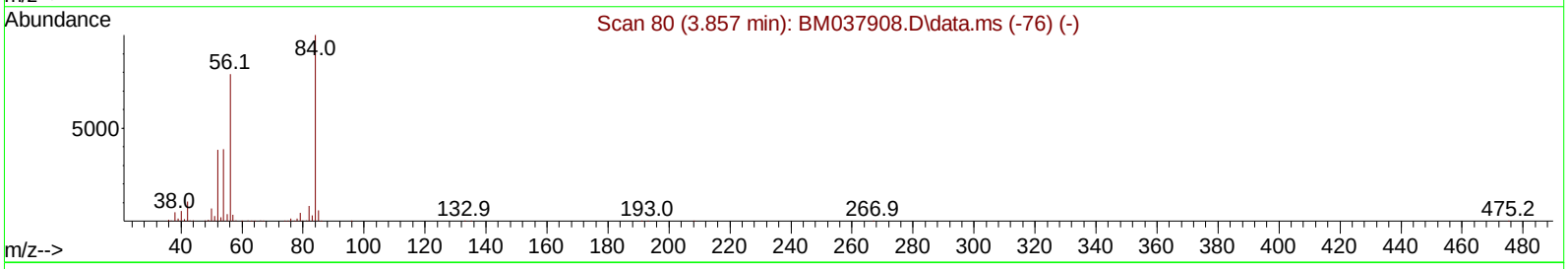
Instrument :
BNA_M
ClientSampleId :
DBXM9

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022







TIC: BM037920.D\data.ms

(4) Pyridine-d5 (S)

3.858min (+ 0.000) 0.02 ng/ul

response 247

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	82.50	0.00#
54.00	38.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

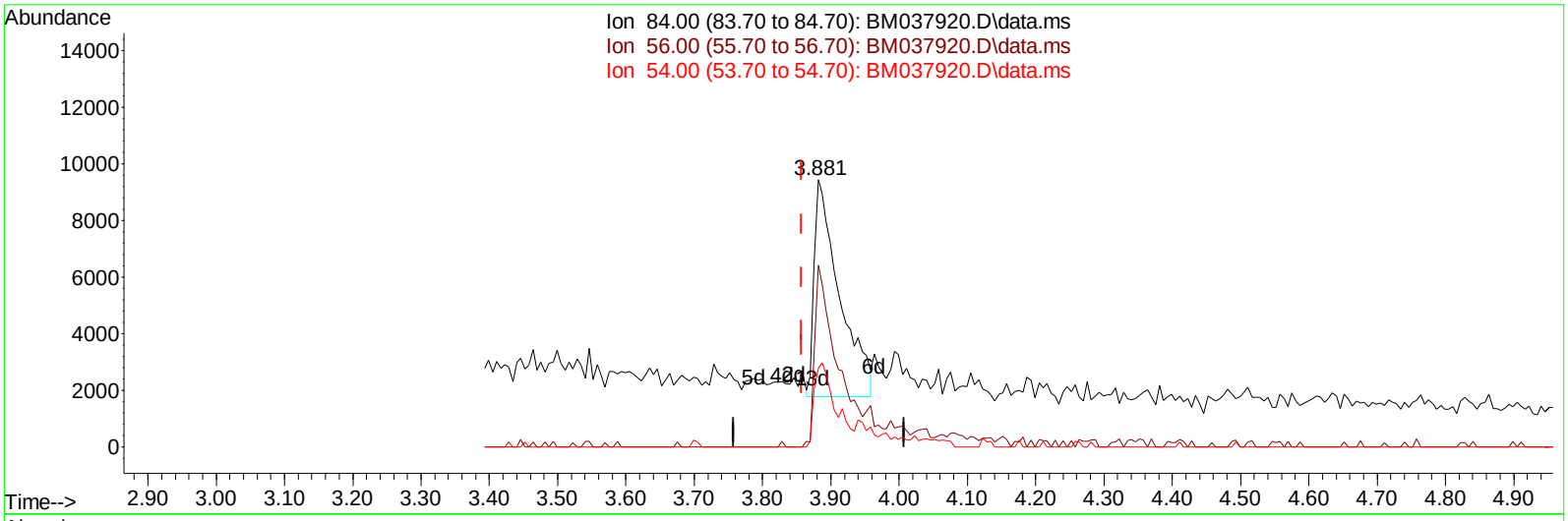
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

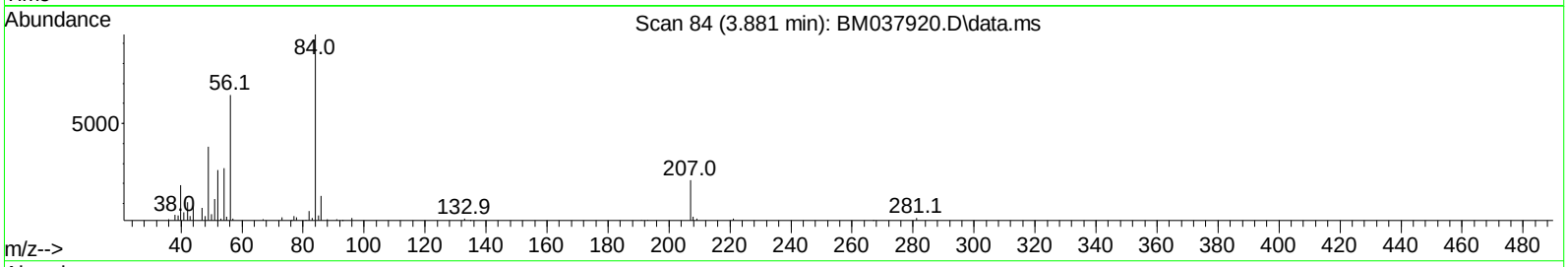
Quant Time: Dec 09 21:49:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

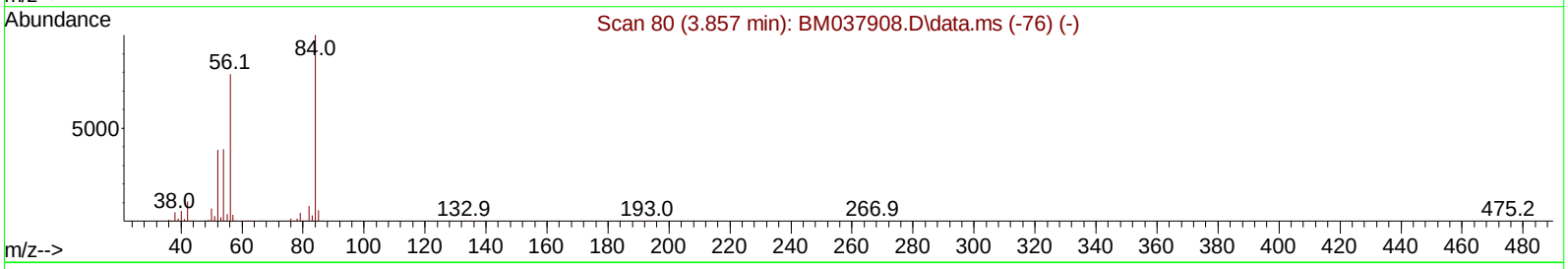
Instrument :
BNA_M
ClientSampleId :
DBXM9

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022







TIC: BM037920.D\data.ms

(4) Pyridine-d5 (S)

3.881min (+ 0.024) 1.22 ng/ul m

response 19671

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	82.50	68.09
54.00	38.10	29.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

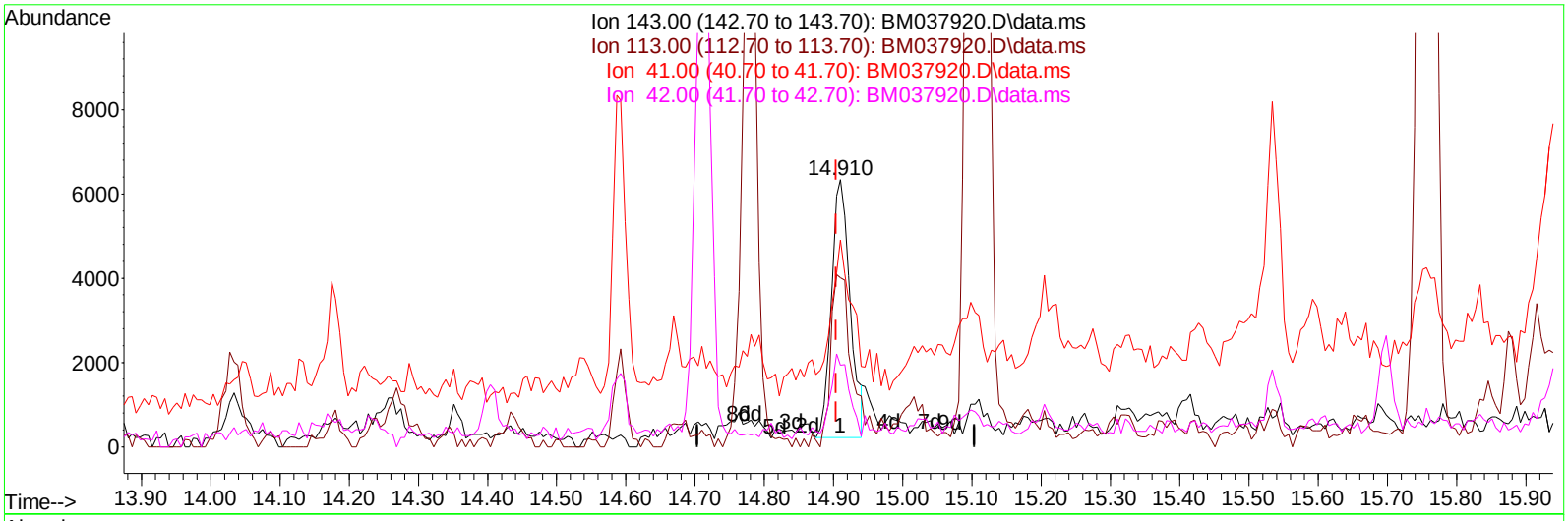
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

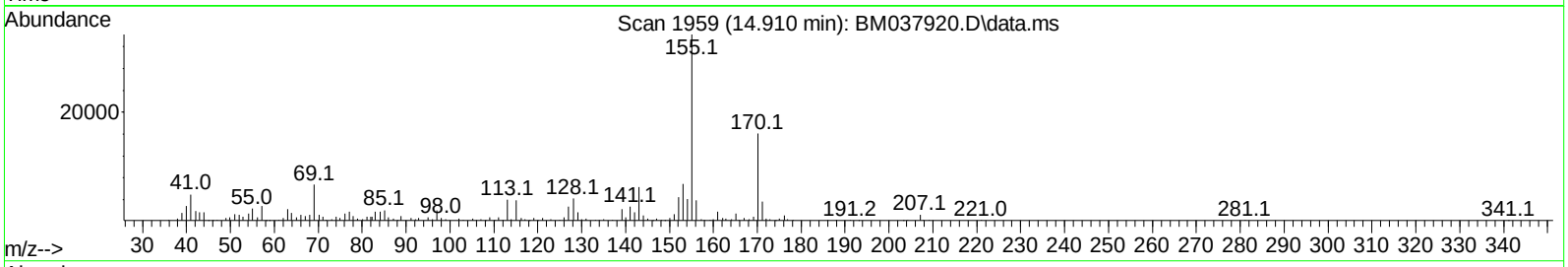
Quant Time: Dec 09 21:49:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

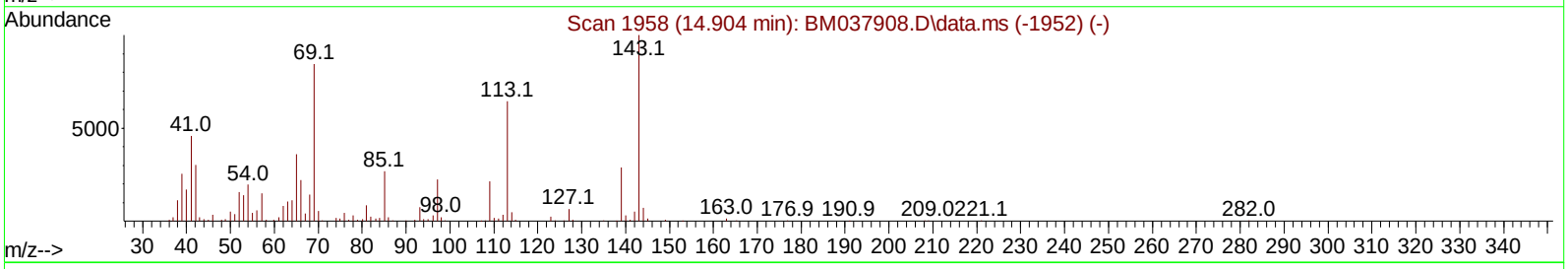
Instrument :
BNA_M
ClientSampleId :
DBXM9

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022







TIC: BM037920.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.910min (+ 0.006) 1.43 ng/ul

response 11401

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	60.30	63.41
41.00	43.90	77.38#
42.00	30.30	30.51

Quantitation Report (Qedit)

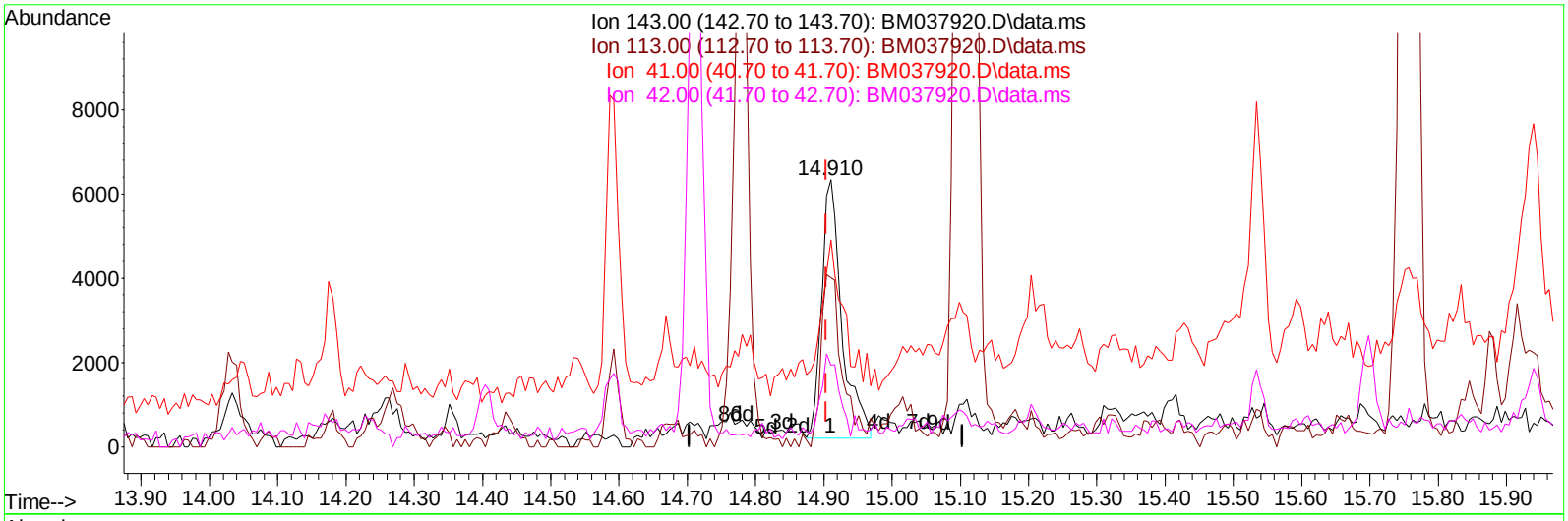
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

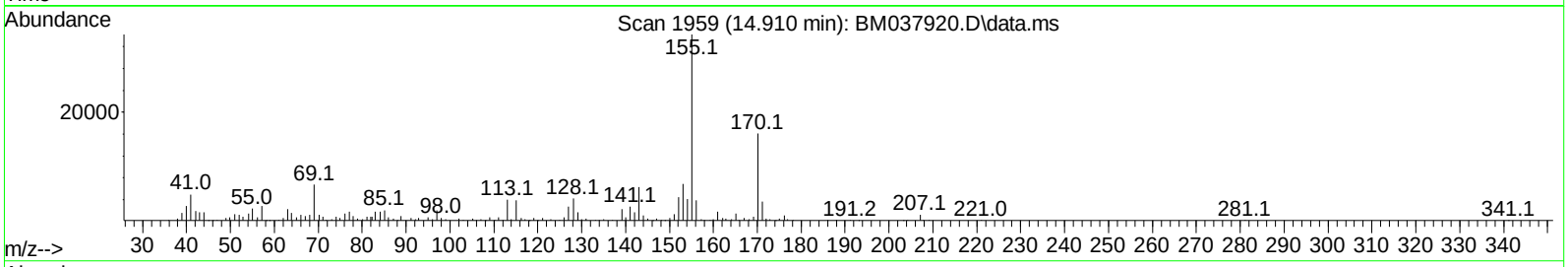
Quant Time: Dec 09 21:49:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

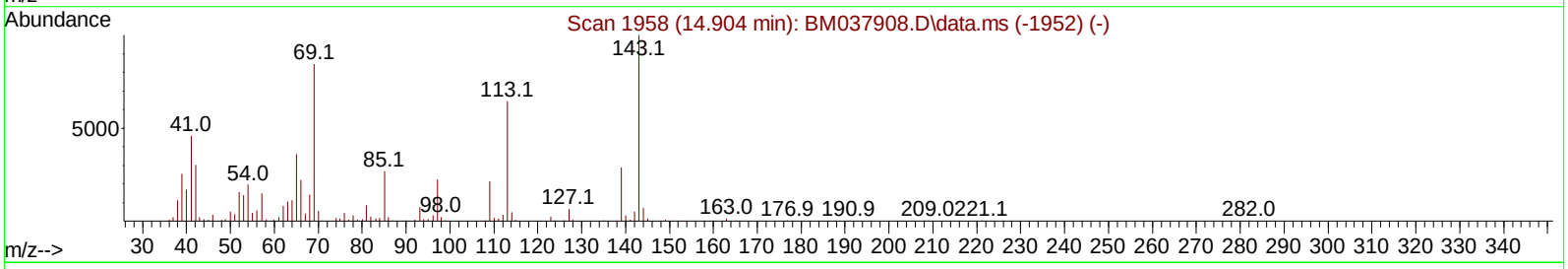
Instrument :
BNA_M
ClientSampleId :
DBXM9

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022







TIC: BM037920.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.910min (+ 0.006) 1.60 ng/ul m

response 12690

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	60.30	63.41
41.00	43.90	77.38#
42.00	30.30	30.51

Quantitation Report (Qedit)

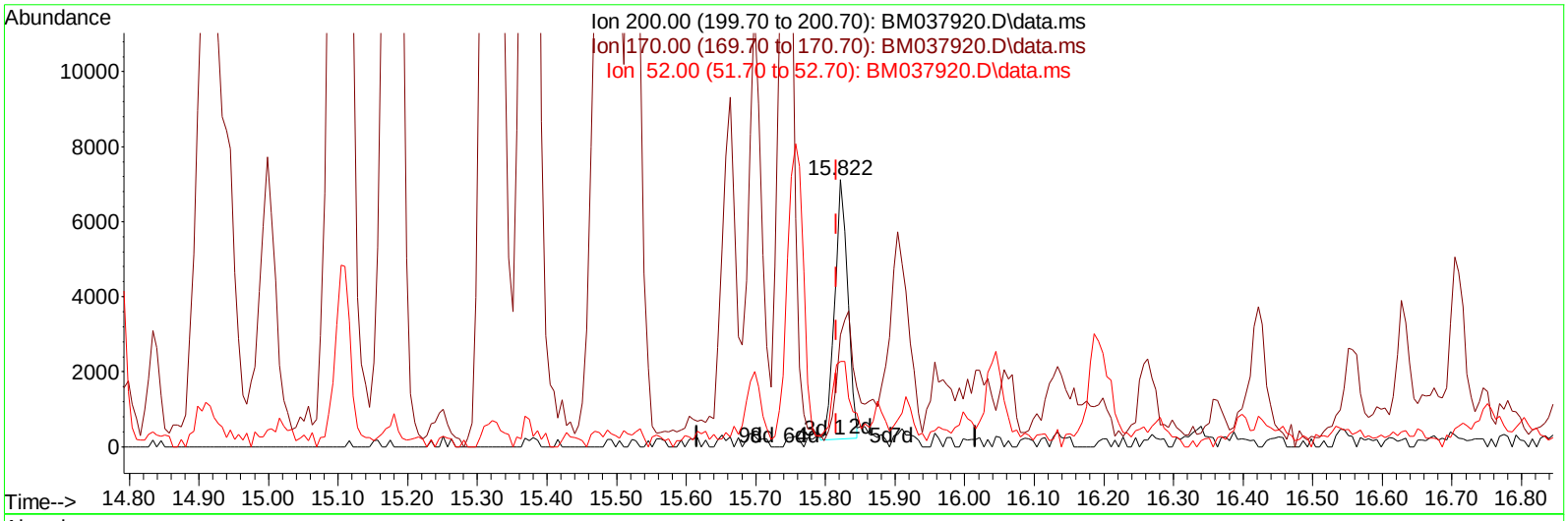
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

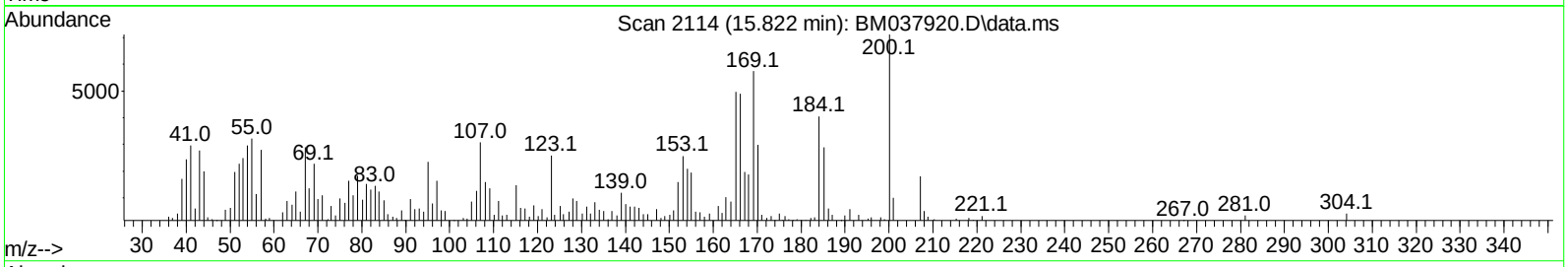
Quant Time: Dec 09 21:49:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

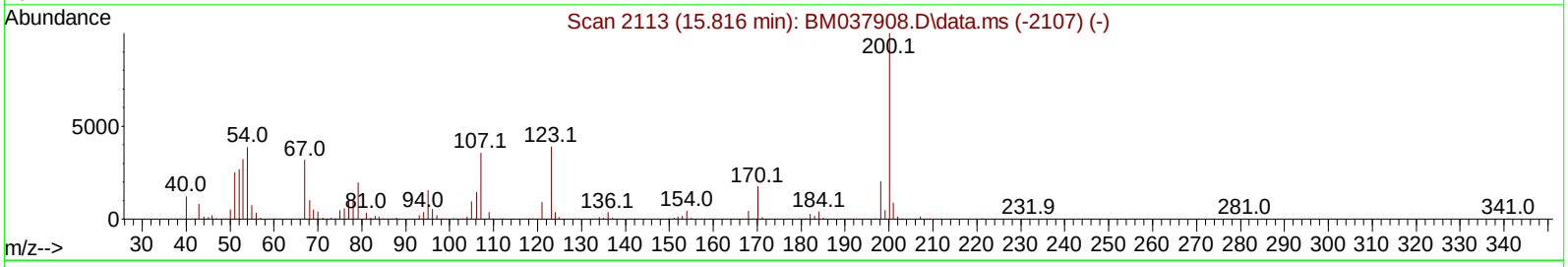
Instrument :
BNA_M
ClientSampleId :
DBXM9

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022







TIC: BM037920.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.822min (+ 0.006) 1.17 ng/ul

response 9042

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	17.70	41.96#
52.00	47.00	32.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

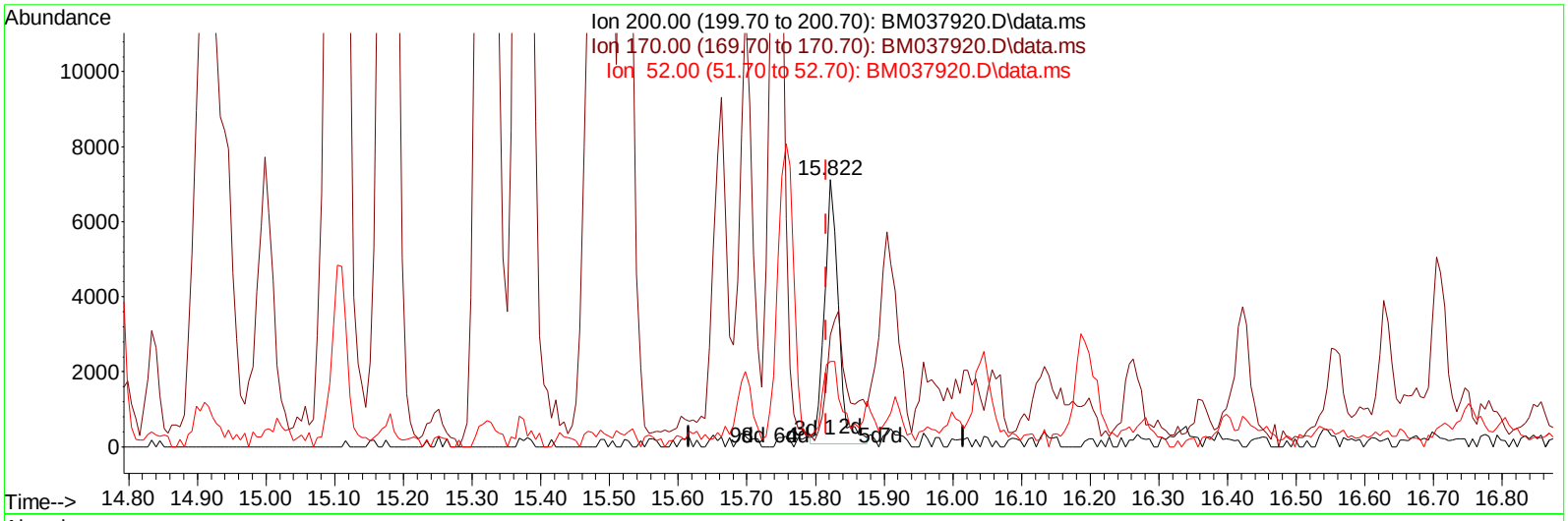
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

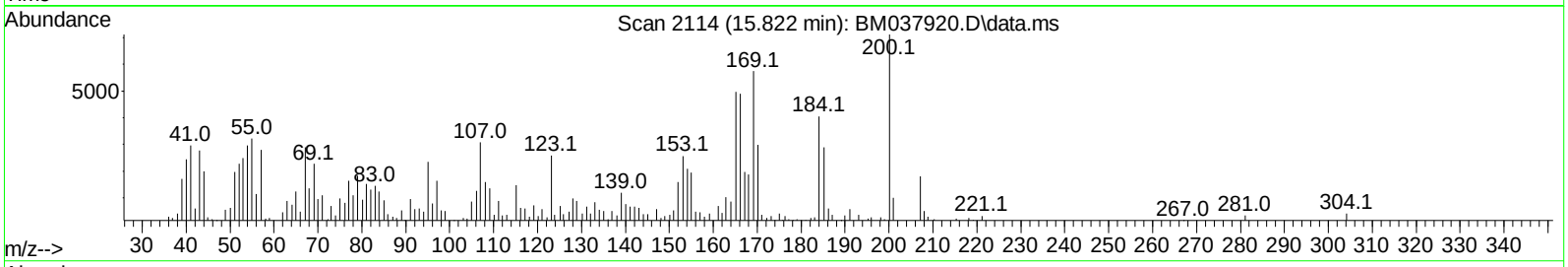
Quant Time: Dec 09 21:49:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

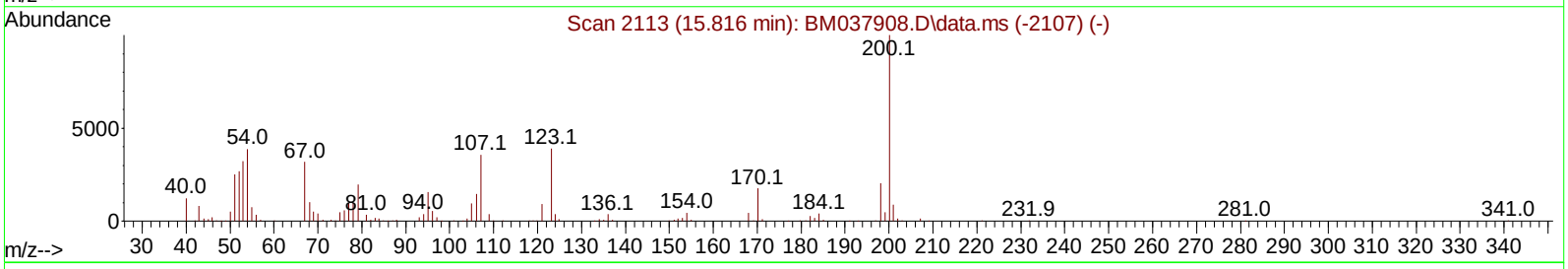
Instrument :
BNA_M
ClientSampleId :
DBXM9

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022







TIC: BM037920.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.822min (+ 0.006) 1.29 ng/ul m

response 10005

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	17.70	41.96#
52.00	47.00	32.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 09 21:49:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
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Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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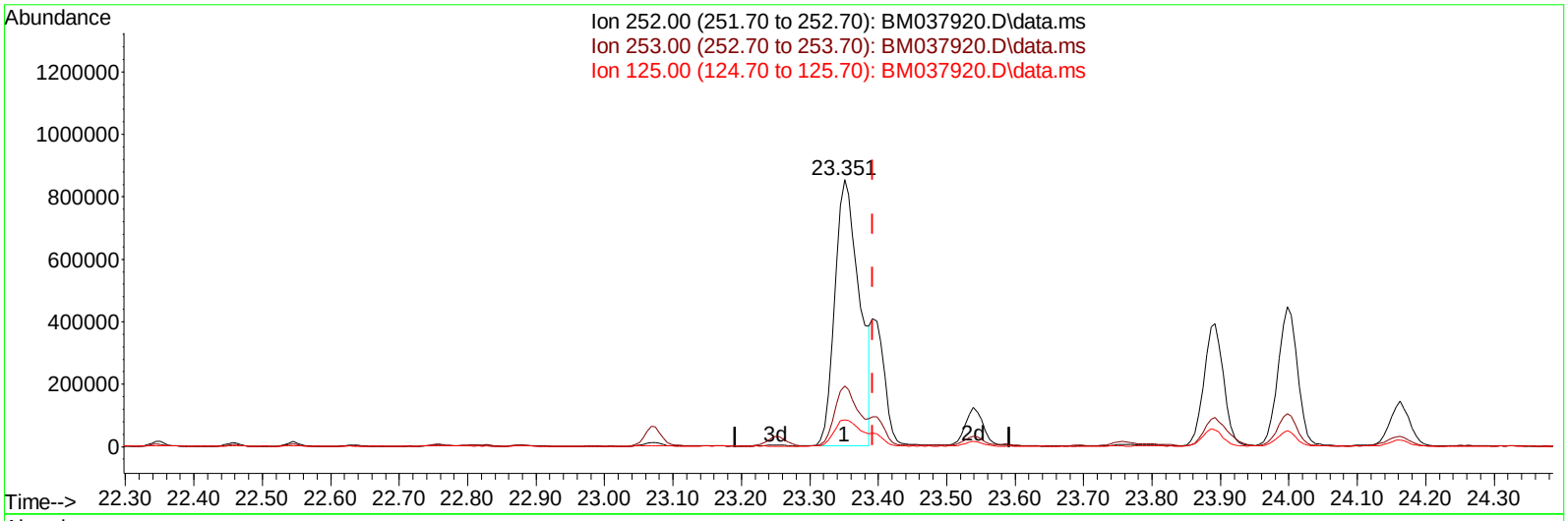

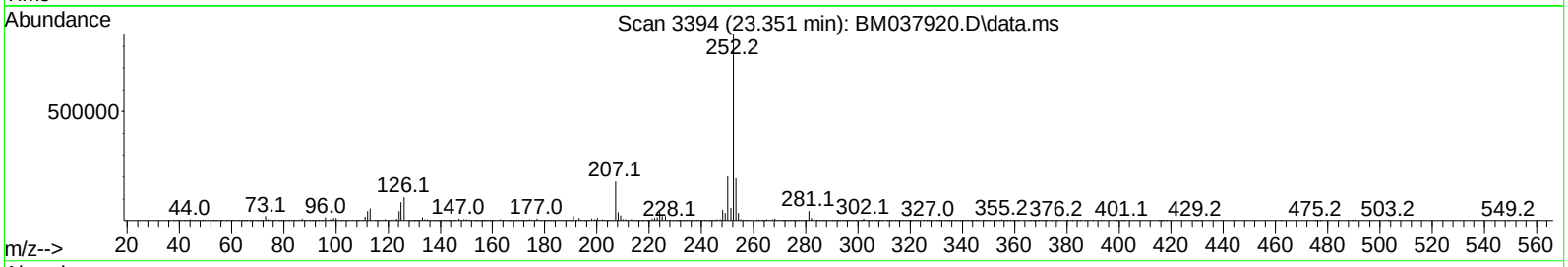

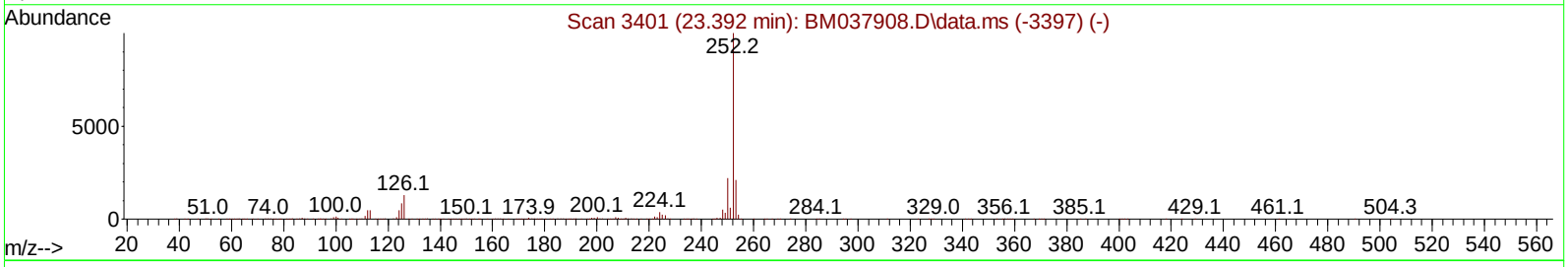

TIC: BM037920.D\data.ms

(91) Benzo(k)fluoranthene

23.351min (-0.041) 33.84 ng/ul

response 2130570

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.68
125.00	10.10	9.98
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 09 21:49:22 2022
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Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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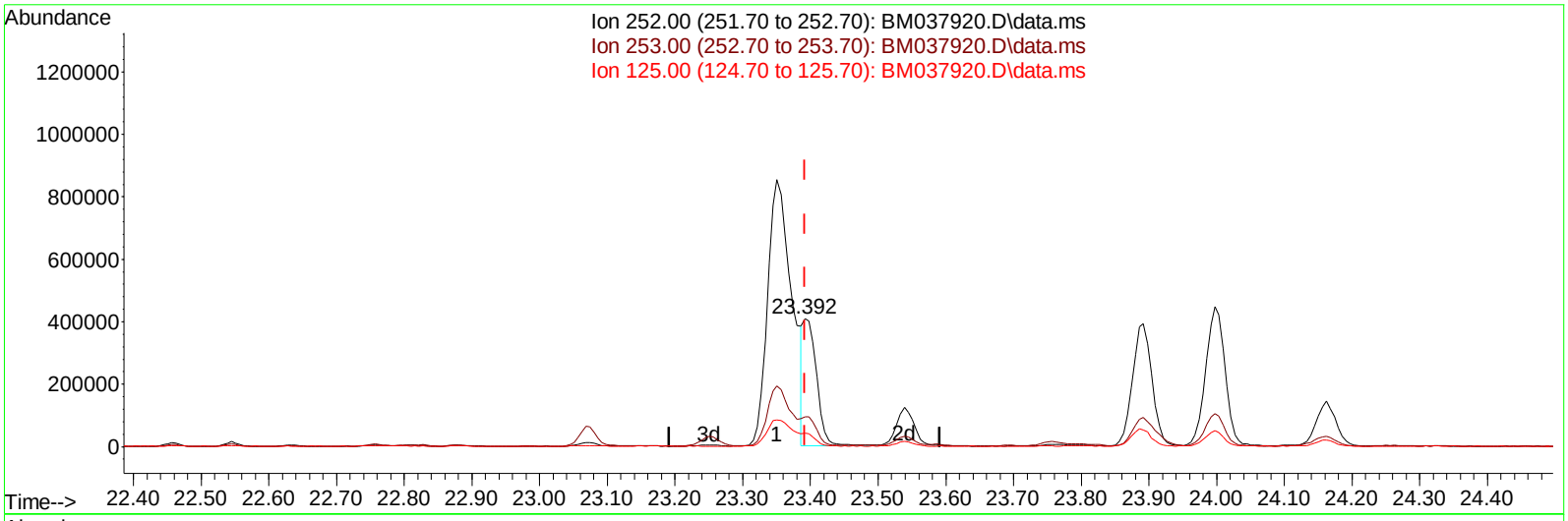

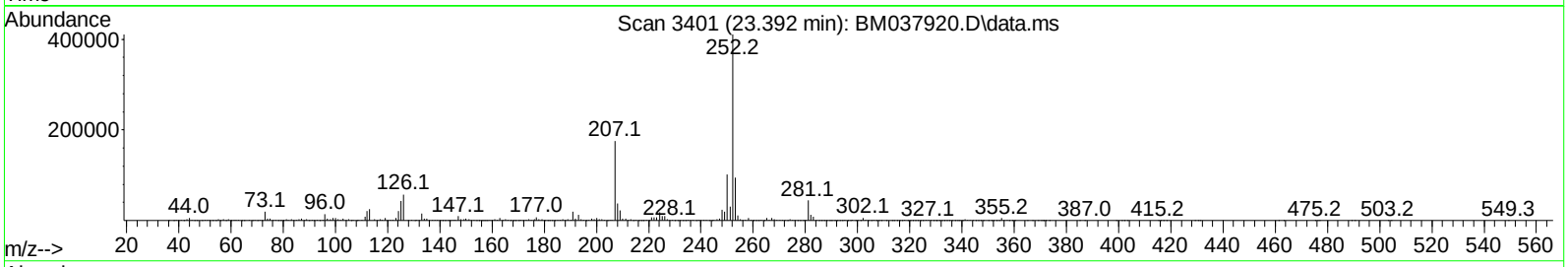

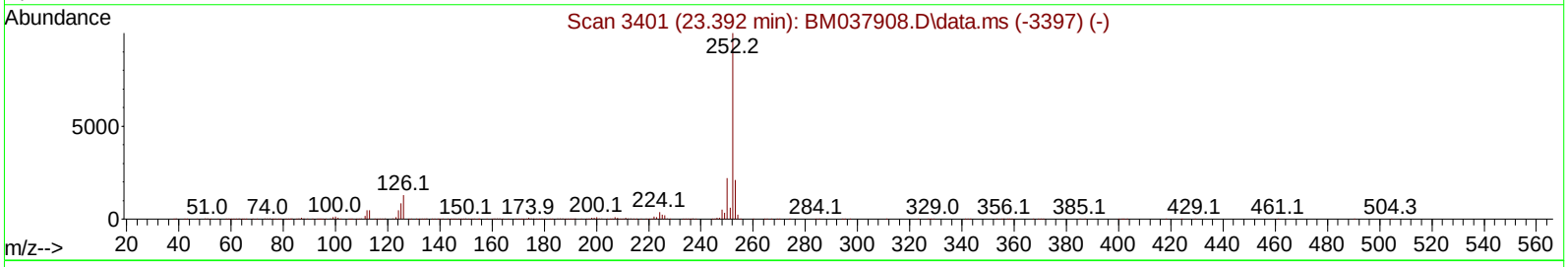

TIC: BM037920.D\data.ms

(91) Benzo(k)fluoranthene

23.392min (+ 0.000) 8.66 ng/ul m

response 545063

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.16
125.00	10.10	10.69
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 09 21:49:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBXM9

Manual IntegrationsAPPROVED

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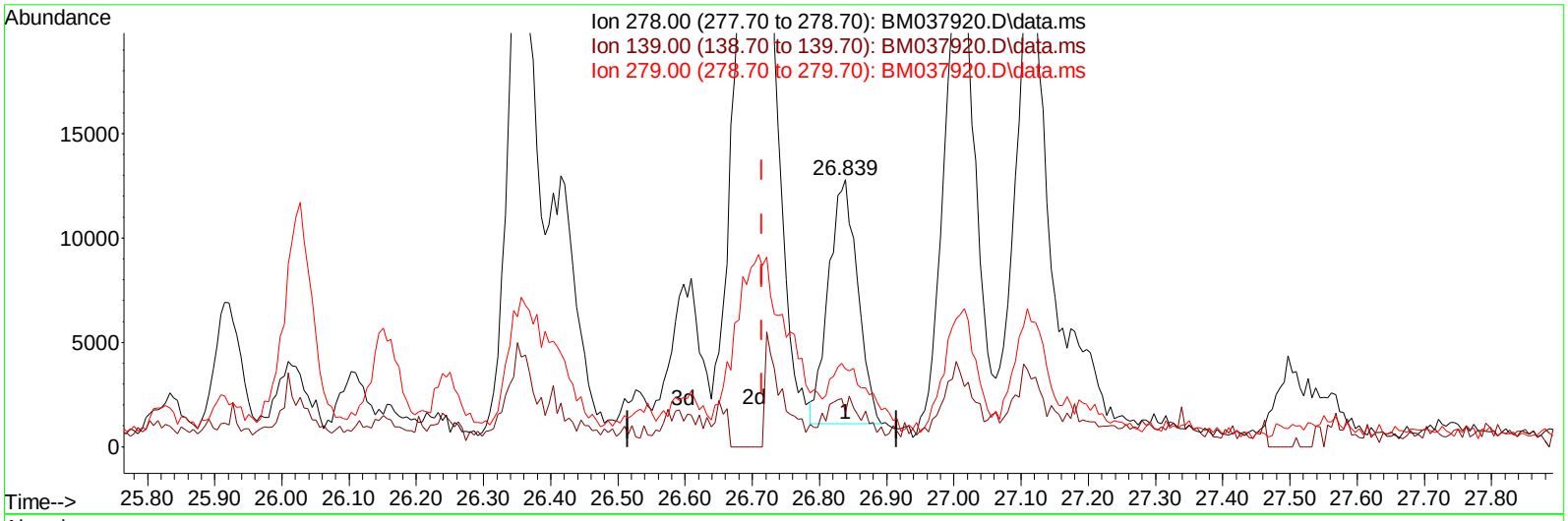
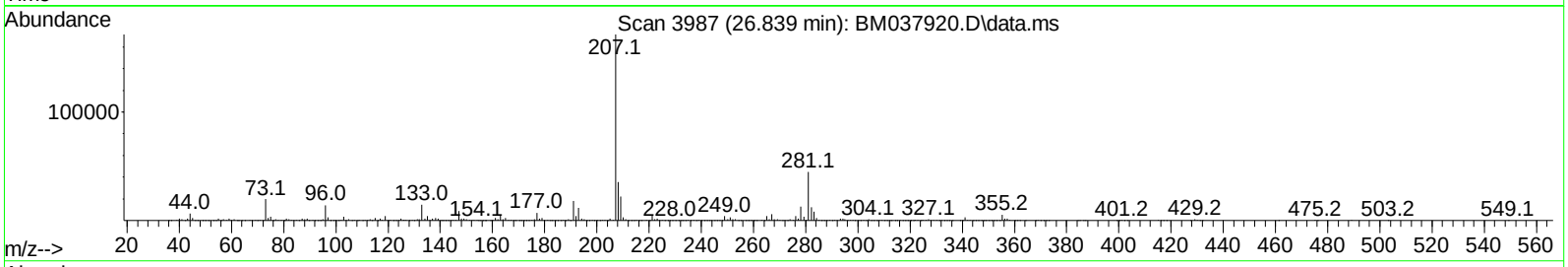
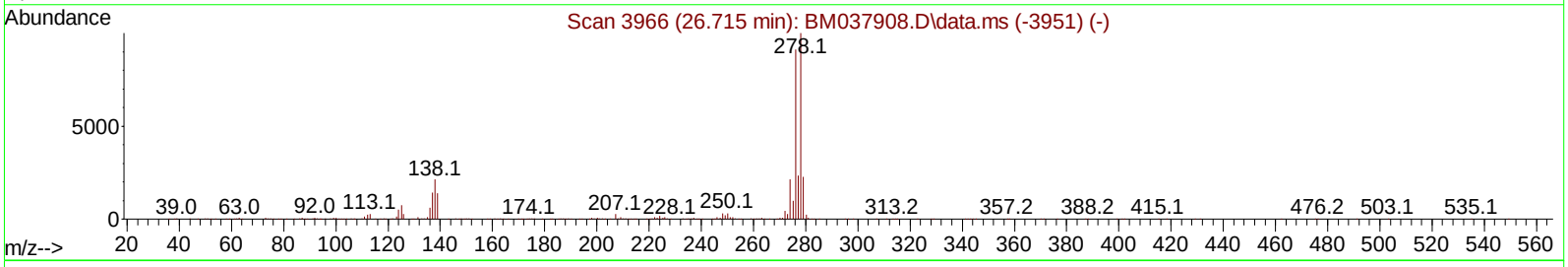
Supervised By :mohammad ahmed 12/10/2022







TIC: BM037920.D\data.ms

(95) Dibenzo(a,h)anthracene

26.839min (+ 0.124) 0.56 ng/ul

response 34974

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.50	12.79
279.00	24.70	29.05
0.00	0.00	0.00

Quantitation Report (Qedit)

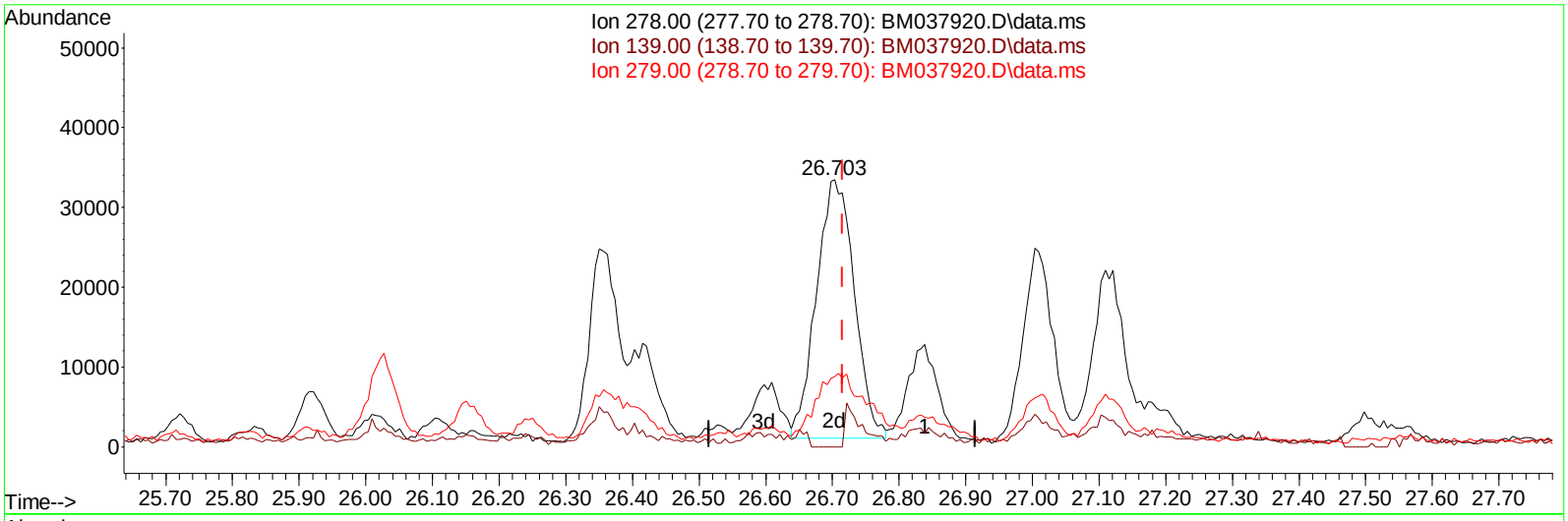
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

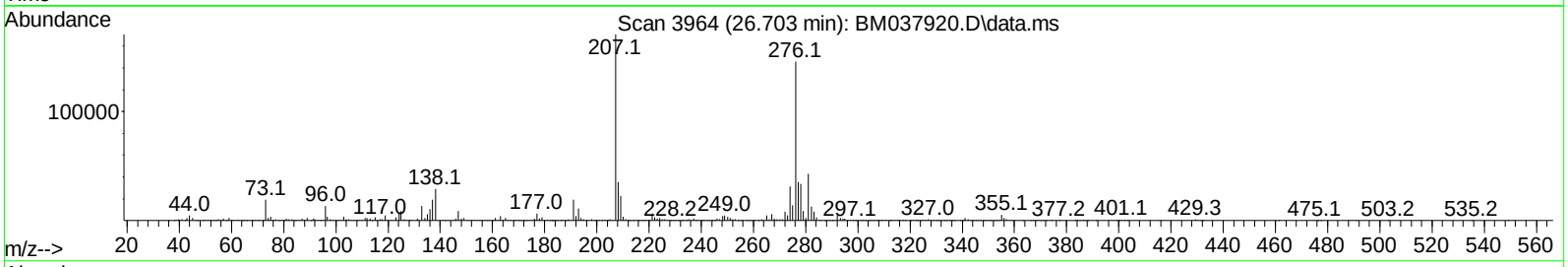
Quant Time: Dec 09 21:49:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

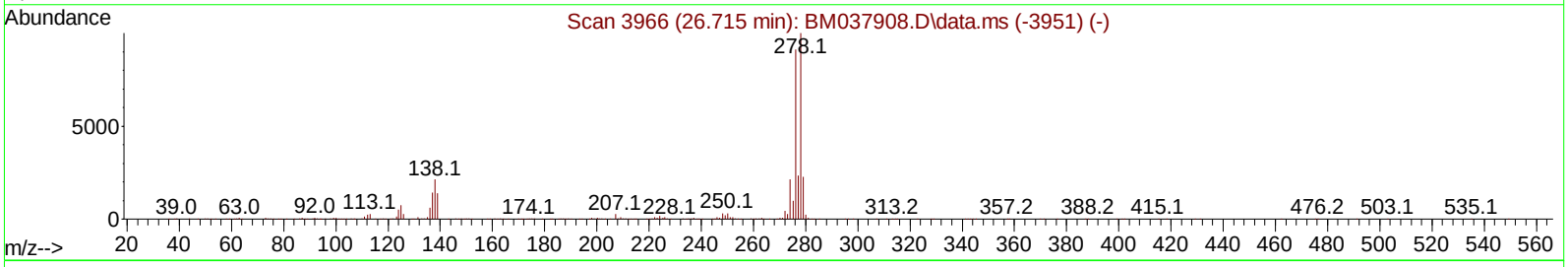
Instrument :
BNA_M
ClientSampleId :
DBXM9

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022







TIC: BM037920.D\data.ms

(95) Dibenzo(a,h)anthracene

26.703min (-0.011) 2.07 ng/ul m

response 128283

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.50	0.00#
279.00	24.70	26.28
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 09 21:49:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	245818	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	1050239	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	654419	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1449546	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	1072789	20.000	ng/ul	0.00
88) Perylene-d12	24.109	264	1048015	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.423	96	2548m	0.471	ng/uL	0.00
4) Pyridine-d5	3.881	84	19671m	1.225	ng/ul	0.02
7) Phenol-d5	7.234	99	42516	2.128	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	26888	2.211	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	36434	2.223	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	34517	2.214	ng/ul	0.00
21) Nitrobenzene-d5	9.252	128	17734	2.133	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	18651	2.140	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	33789	2.041	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	40566	1.776	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	115047	2.466	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	128838	2.259	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	12690m	1.596	ng/ul	0.00
60) Fluorene-d10	15.698	176	105948	2.549	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	10005m	1.291	ng/ul	0.00
73) Anthracene-d10	17.557	188	171109	2.529	ng/ul	0.00
81) Pyrene-d10	19.839	212	187914	2.916	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	131038	2.503	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.951	128	155566	2.745	ng/ul	98
36) 2-Methylnaphthalene	12.551	142	104456	2.842	ng/ul	95
37) 1-Methylnaphthalene	12.769	142	244035	6.492	ng/ul	100
50) Acenaphthylene	14.434	152	159560	2.545	ng/ul#	97
52) Acenaphthene	14.781	153	2967384	68.423	ng/ul	99
61) Fluorene	15.757	166	3624592	75.064	ng/ul	100
72) Phenanthrene	17.504	178	11271135	142.385	ng/ul	97
74) Anthracene	17.598	178	11992736	149.078	ng/ul	97
80) Fluoranthene	19.516	202	12266554	161.286	ng/ul	100
82) Pyrene	19.874	202	9545058	120.590	ng/ul	99
85) Benzo(a)anthracene	21.610	228	2300681	31.855	ng/ul	99
87) Chrysene	21.663	228	2402734	35.457	ng/ul	98
90) Benzo(b)fluoranthene	23.351	252	2130570	32.792	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	545063m	8.656	ng/ul	
93) Benzo(a)pyrene	23.998	252	878350	15.373	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.698	276	467963	6.360	ng/ul	96
95) Dibenzo(a,h)anthracene	26.703	278	128283m	2.068	ng/ul	
96) Benzo(g,h,i)perylene	27.503	276	342014	5.821	ng/ul	96

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

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