Quantitation Report (Qedit)

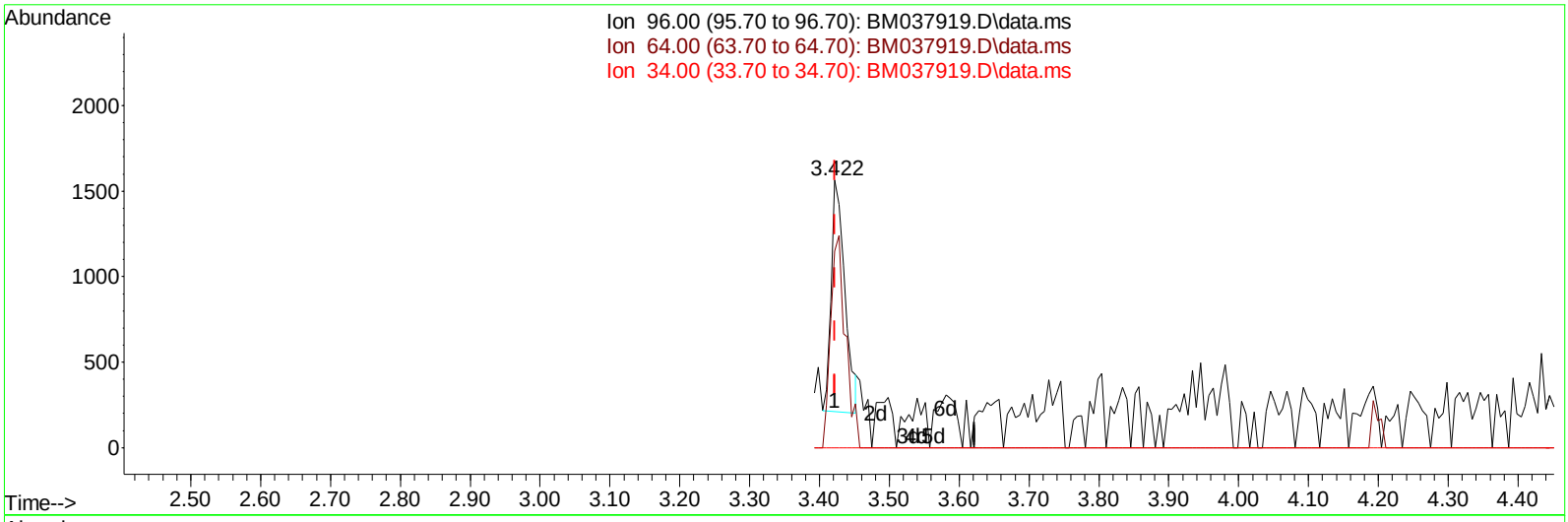
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

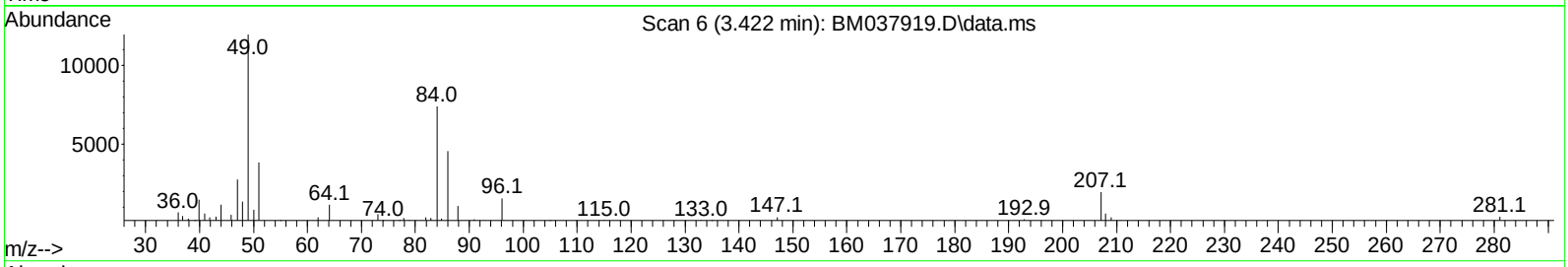
Quant Time: Dec 09 21:49:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

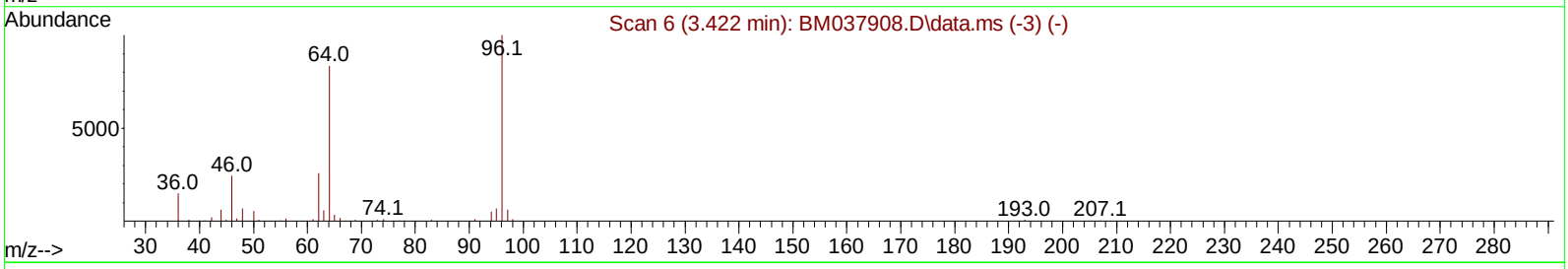
Instrument :
BNA_M
ClientSampleId :
DBXM8

Manual IntegrationsAPPROVED

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







TIC: BM037919.D\data.ms

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

3.422min (-0.000) 0.30 ng/uL

response 1817

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	73.47
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

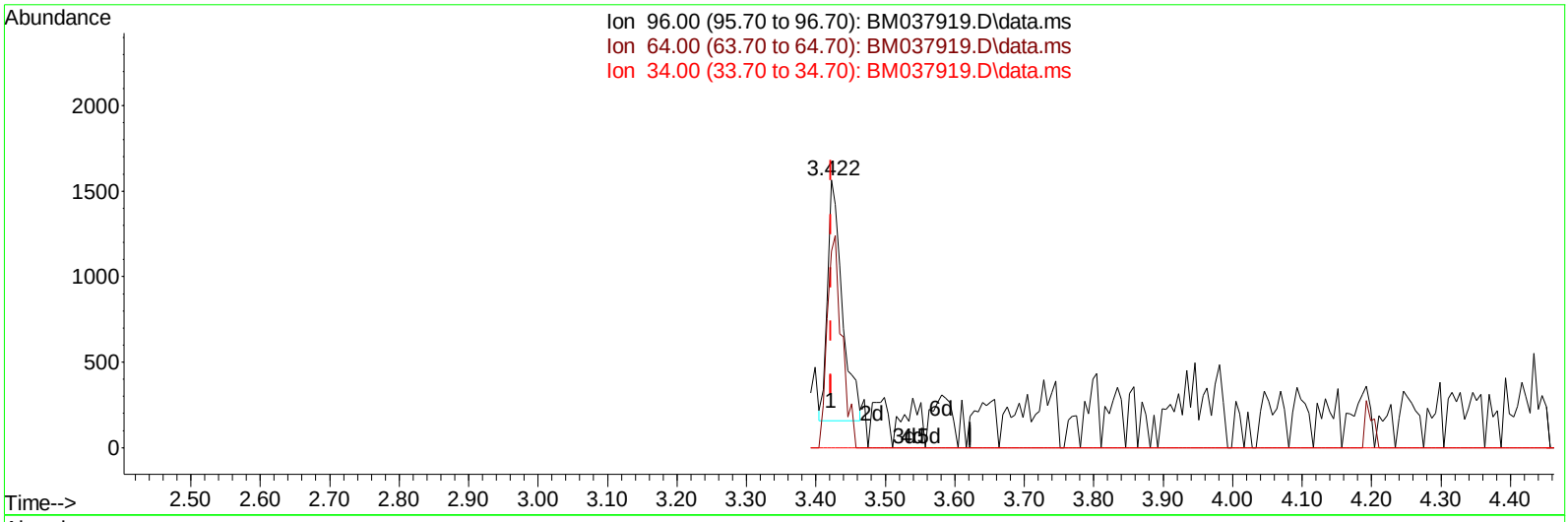
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

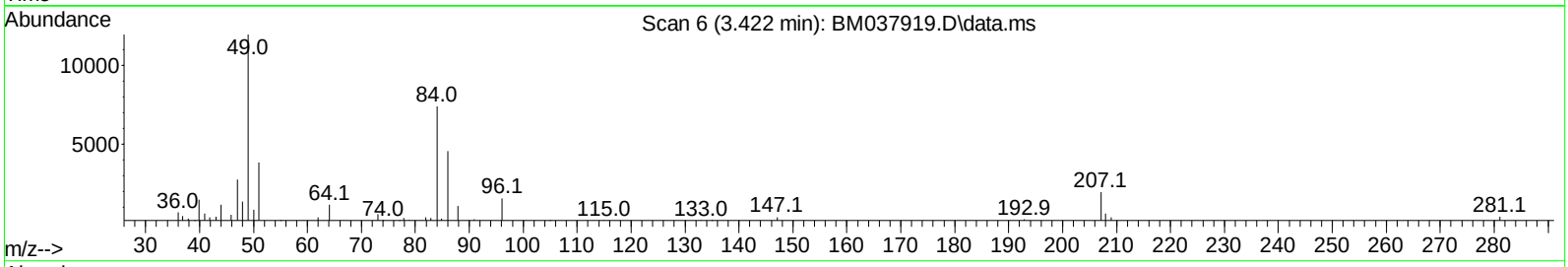
Quant Time: Dec 09 21:49:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

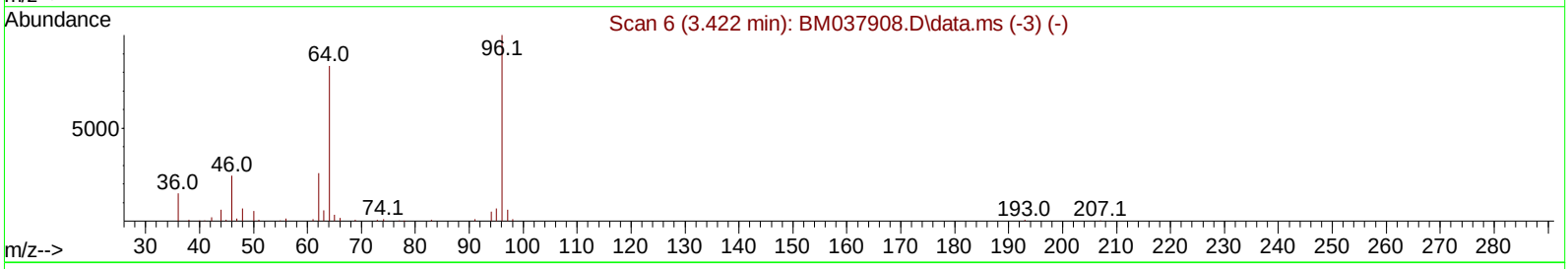
Instrument :
BNA_M
ClientSampleId :
DBXM8

Manual IntegrationsAPPROVED

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







TIC: BM037919.D\data.ms

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

3.422min (-0.000) 0.35 ng/uL m

response 2069

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	73.47
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

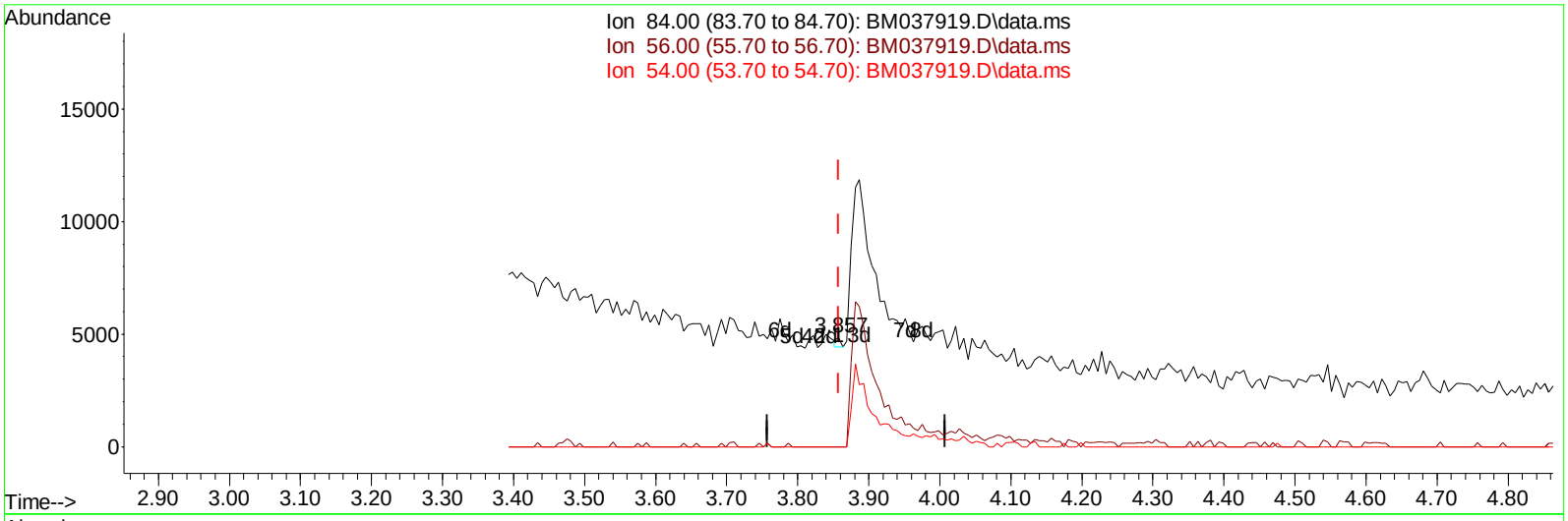
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

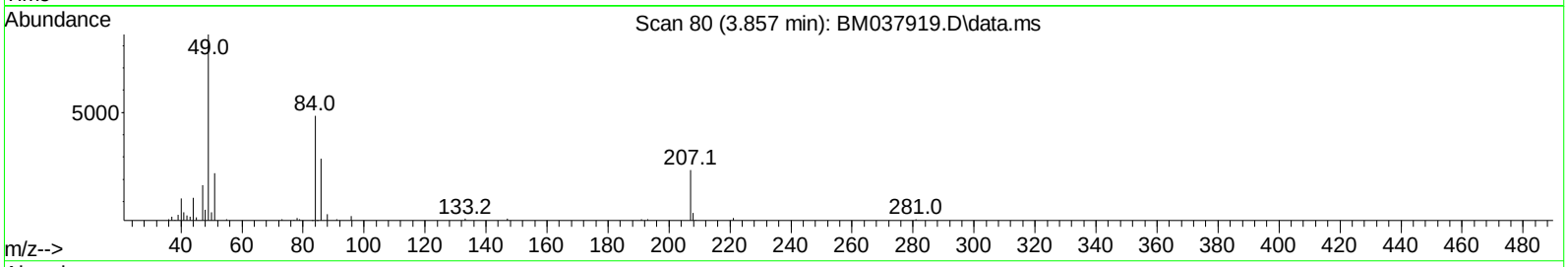
Quant Time: Dec 09 21:49:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

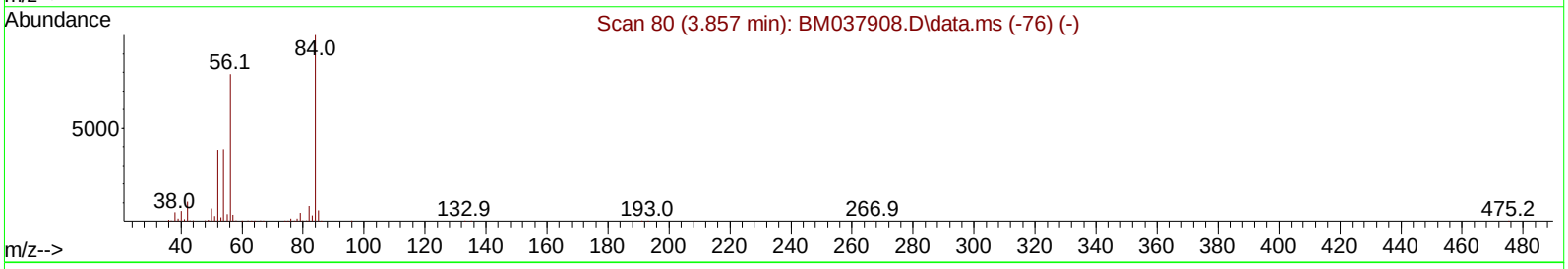
Instrument :
BNA_M
ClientSampleId :
DBXM8

Manual IntegrationsAPPROVED

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







TIC: BM037919.D\data.ms

(4) Pyridine-d5 (S)

3.857min (-0.000) 0.01 ng/ul

response 146

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)

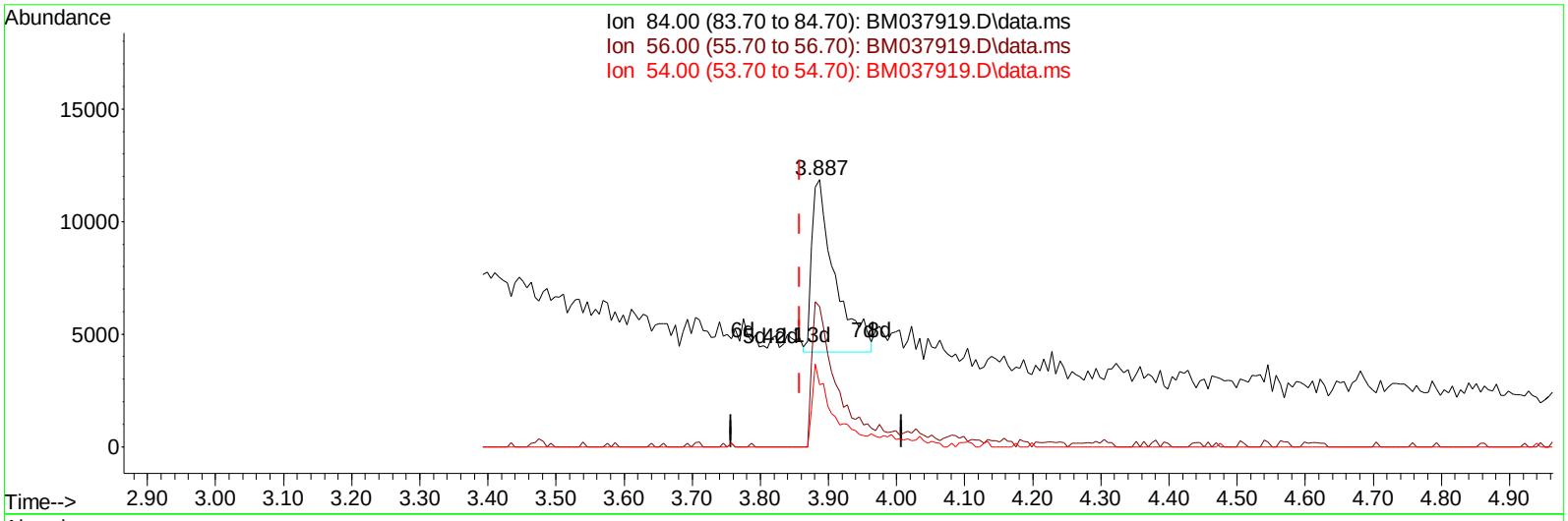
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

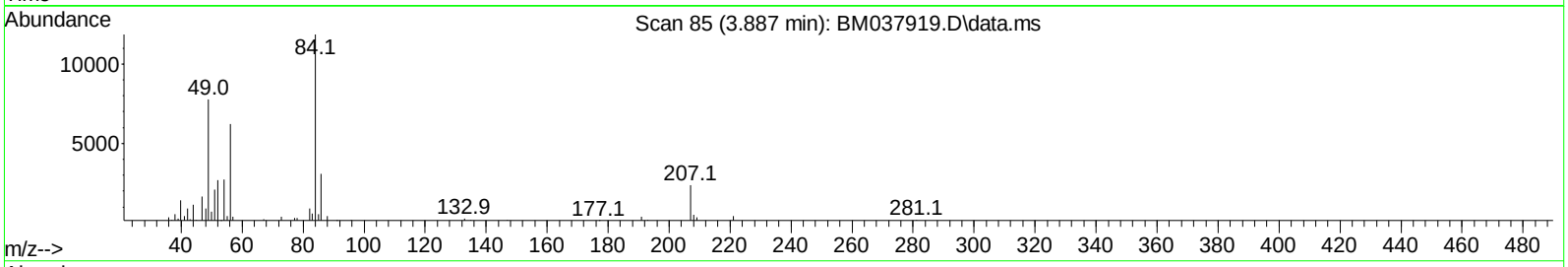
Quant Time: Dec 09 21:49:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

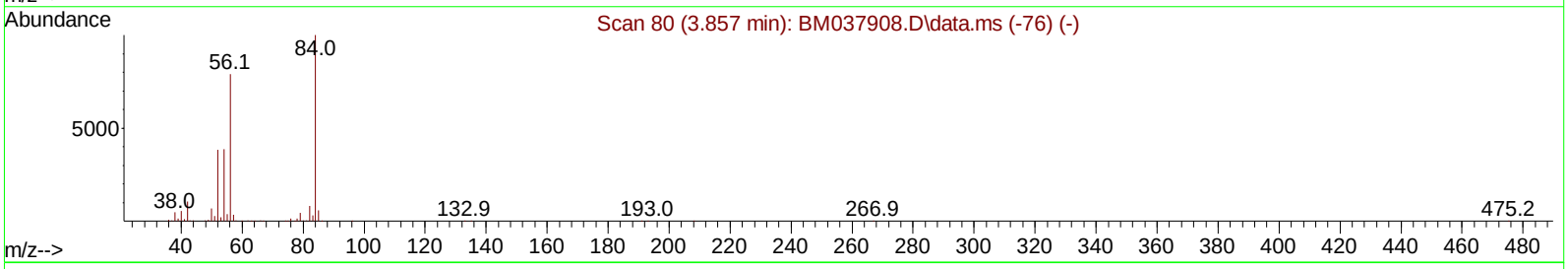
Instrument :
BNA_M
ClientSampleId :
DBXM8

Manual IntegrationsAPPROVED

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







TIC: BM037919.D\data.ms

(4) Pyridine-d5 (S)

3.887min (+ 0.029) 1.01 ng/ul m

response 17936

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	82.50	52.56#
54.00	38.10	23.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

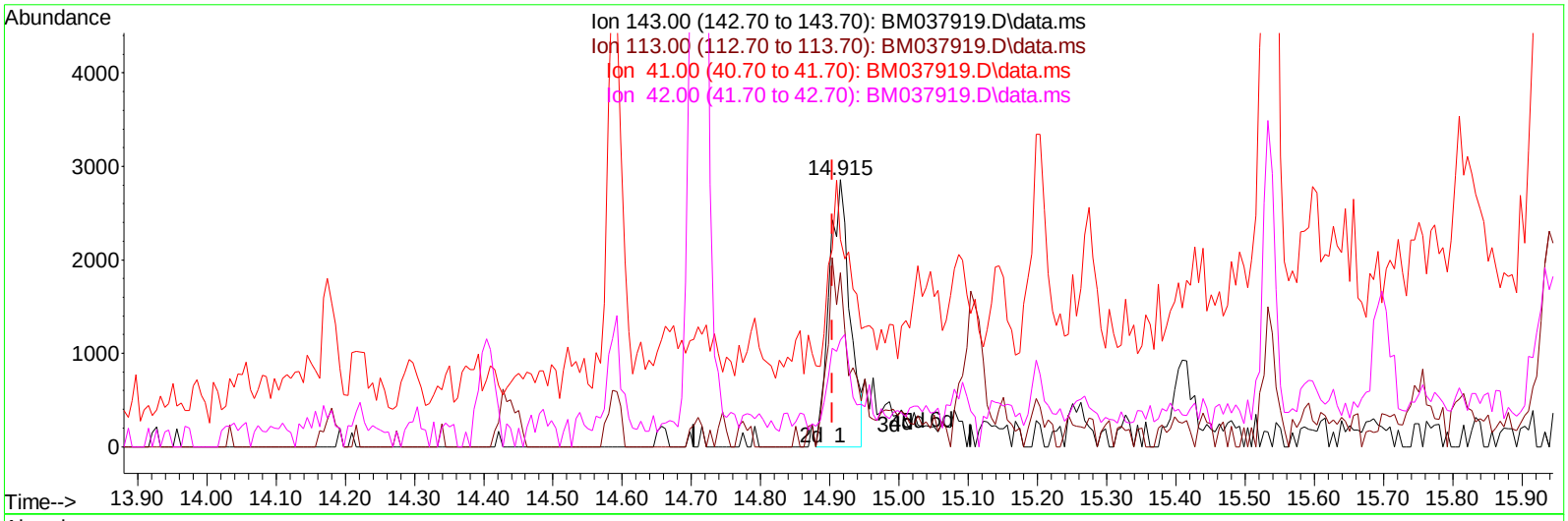
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

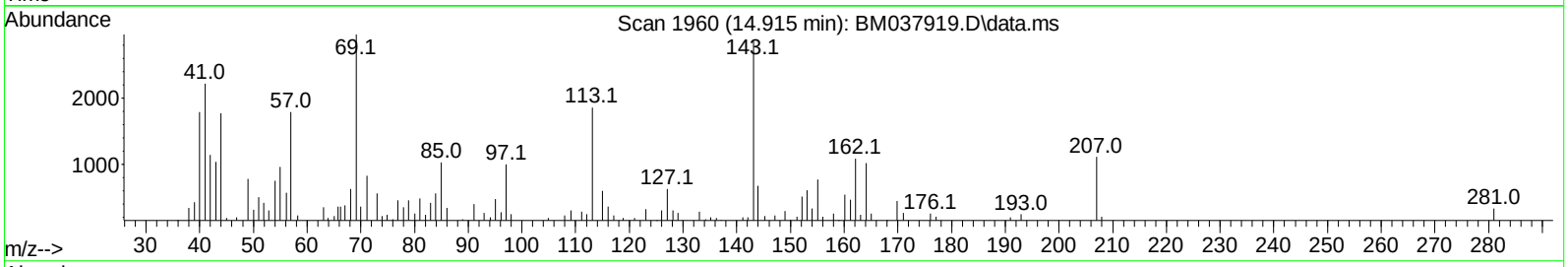
Quant Time: Dec 09 21:49:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

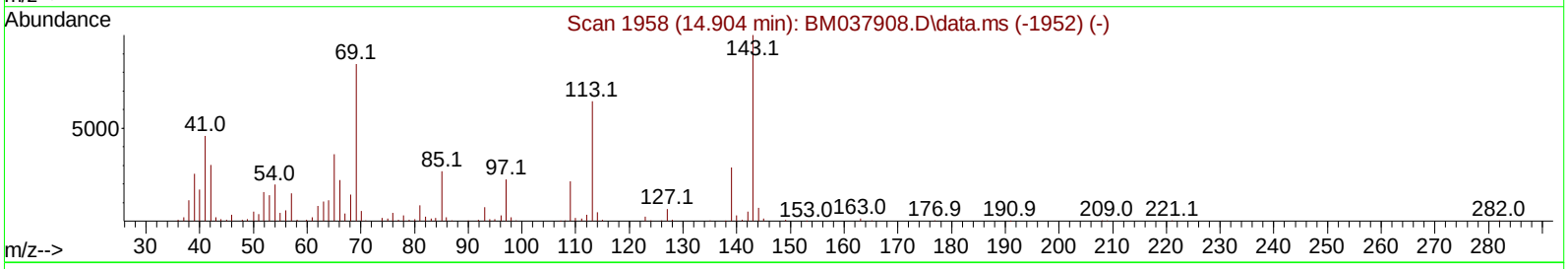
Instrument :
BNA_M
ClientSampleId :
DBXM8

Manual IntegrationsAPPROVED

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







TIC: BM037919.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.915min (+ 0.012) 0.83 ng/ul

response 5870

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	60.30	65.09
41.00	43.90	77.70#
42.00	30.30	39.92#

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 09 21:49:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
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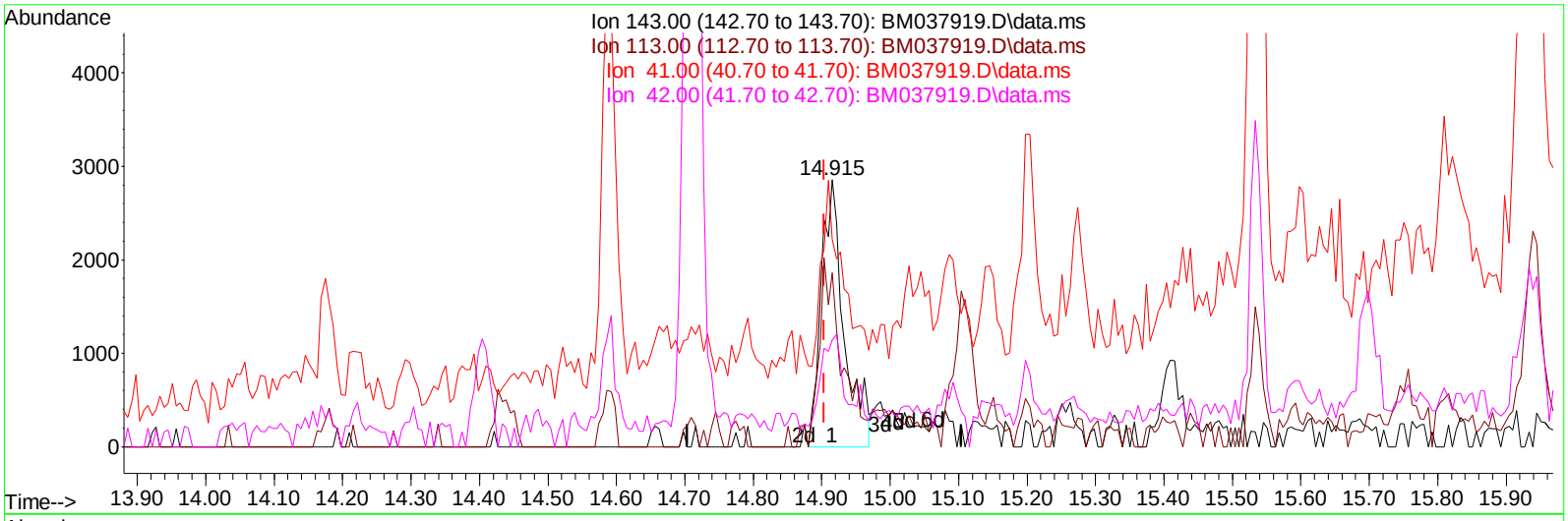
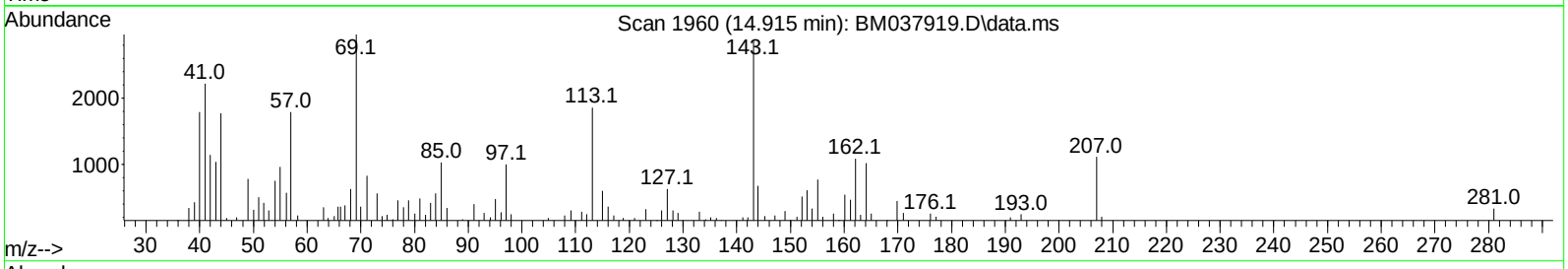
Response via : Initial Calibration

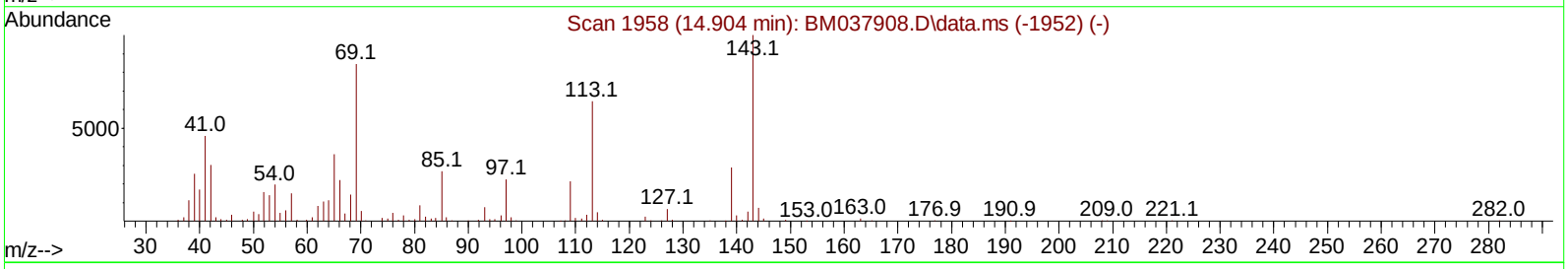
Instrument :
BNA_M
ClientSampleId :
DBXM8

Manual IntegrationsAPPROVED

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







TIC: BM037919.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.915min (+ 0.012) 0.94 ng/ul m

response 6645

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	60.30	65.09
41.00	43.90	77.70#
42.00	30.30	39.92#

Quantitation Report (Qedit)

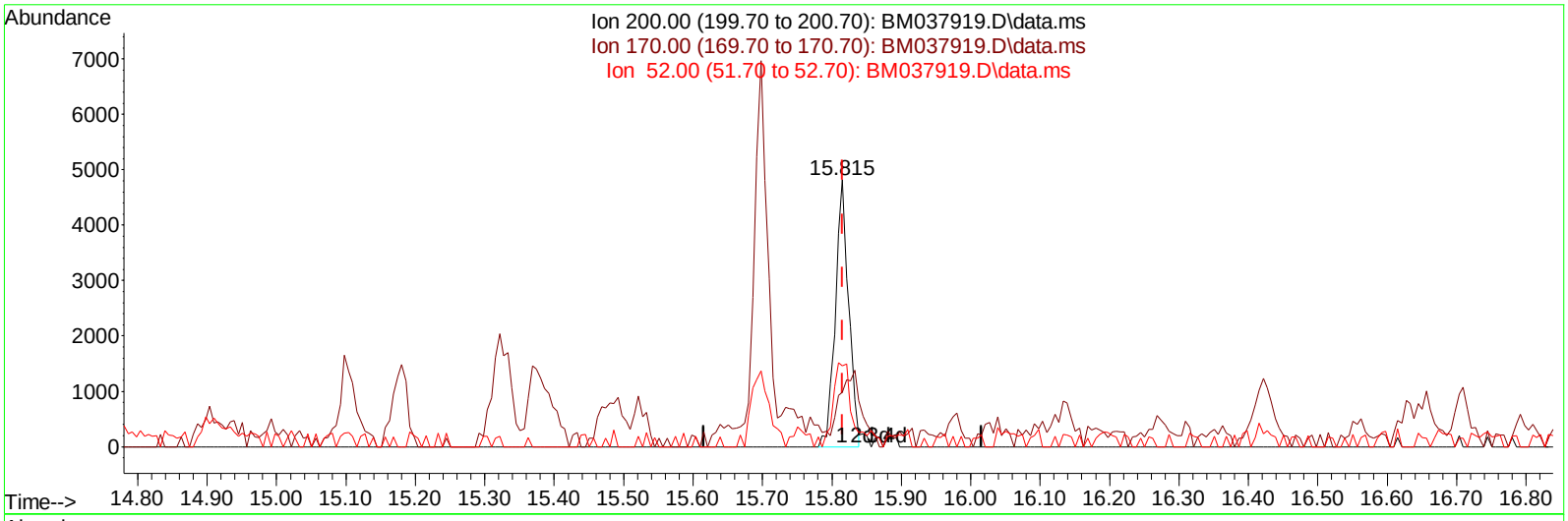
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

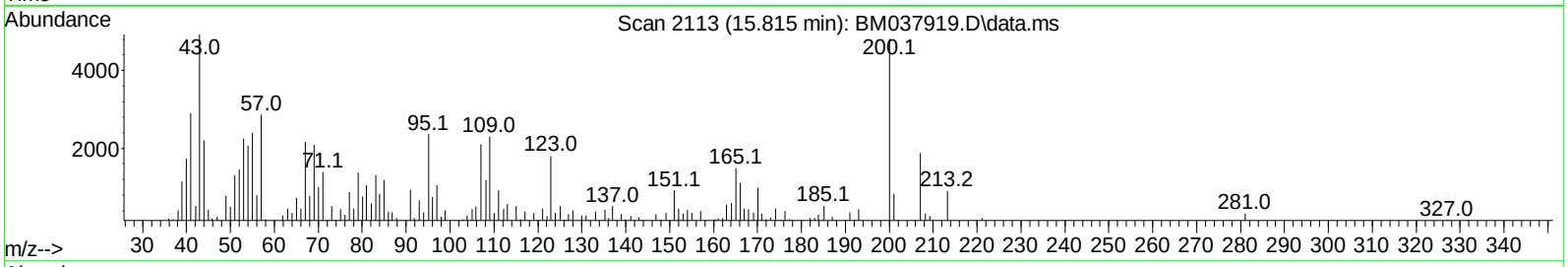
Quant Time: Dec 09 21:49:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

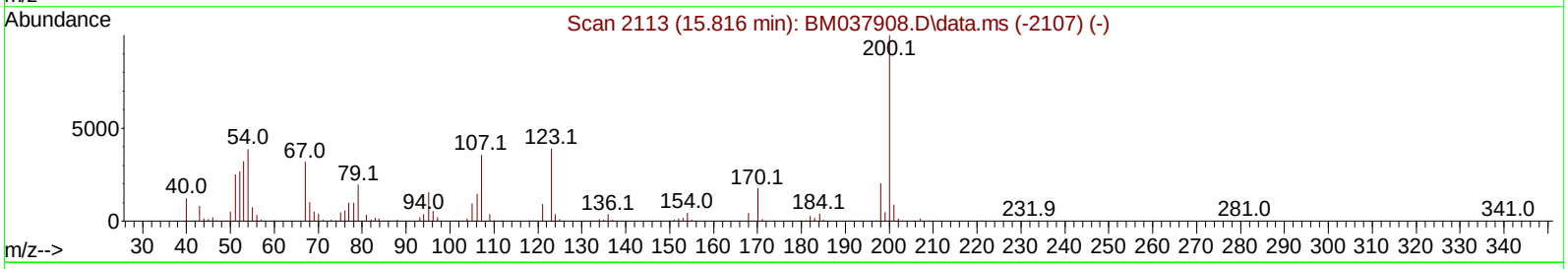
Instrument :
BNA_M
ClientSampleId :
DBXM8

Manual IntegrationsAPPROVED

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







TIC: BM037919.D\data.ms

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

15.815min (-0.000) 1.08 ng/ul

response 6513

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	17.70	20.42
52.00	47.00	30.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 09 21:49:08 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 :
DBXM8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
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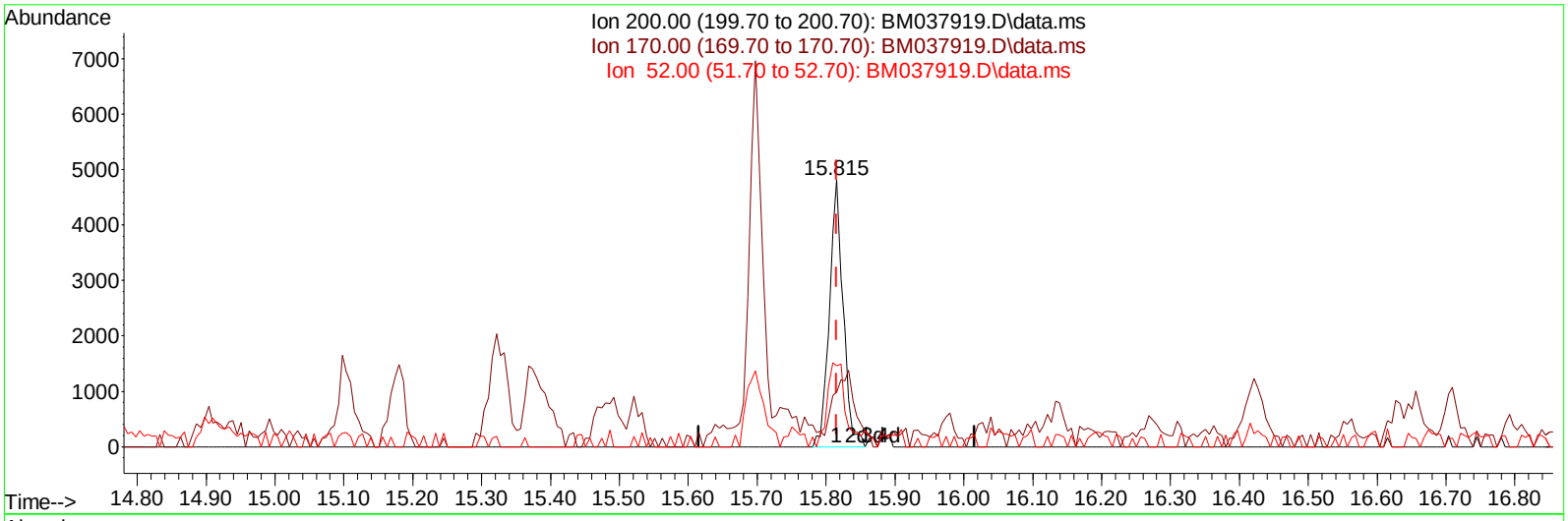

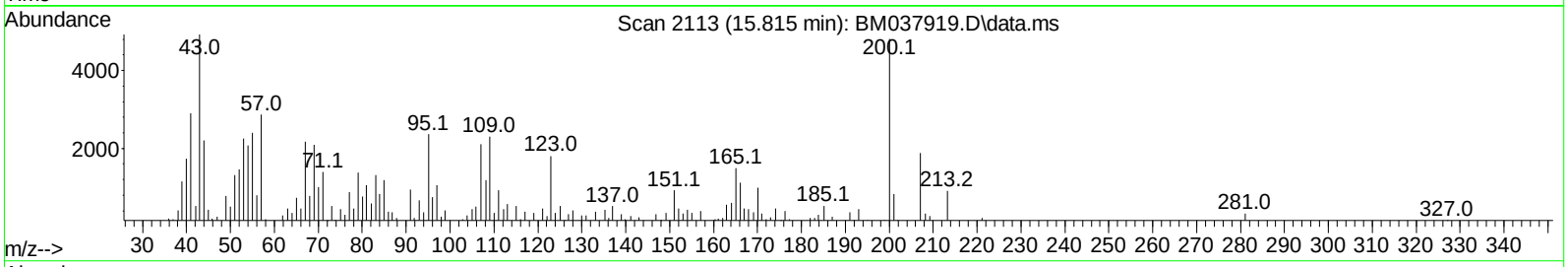

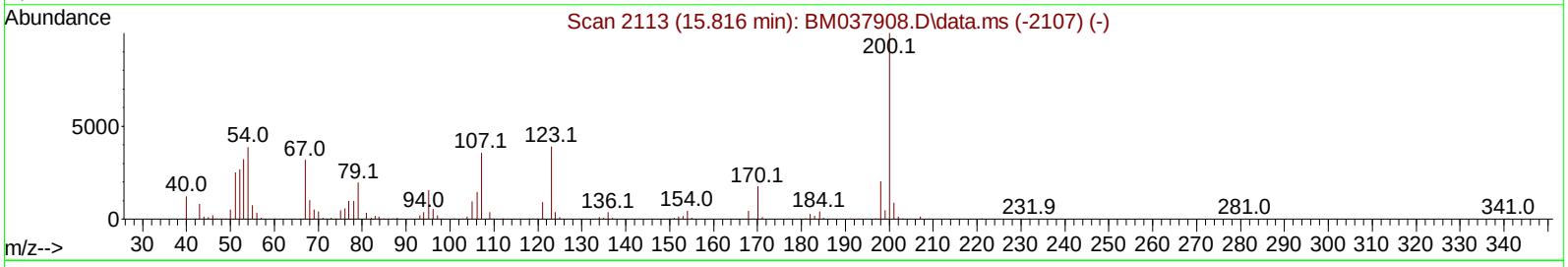

TIC: BM037919.D\data.ms

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

15.815min (-0.000) 1.11 ng/ul m

response 6668

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	17.70	20.42
52.00	47.00	30.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 09 21:49:08 2022
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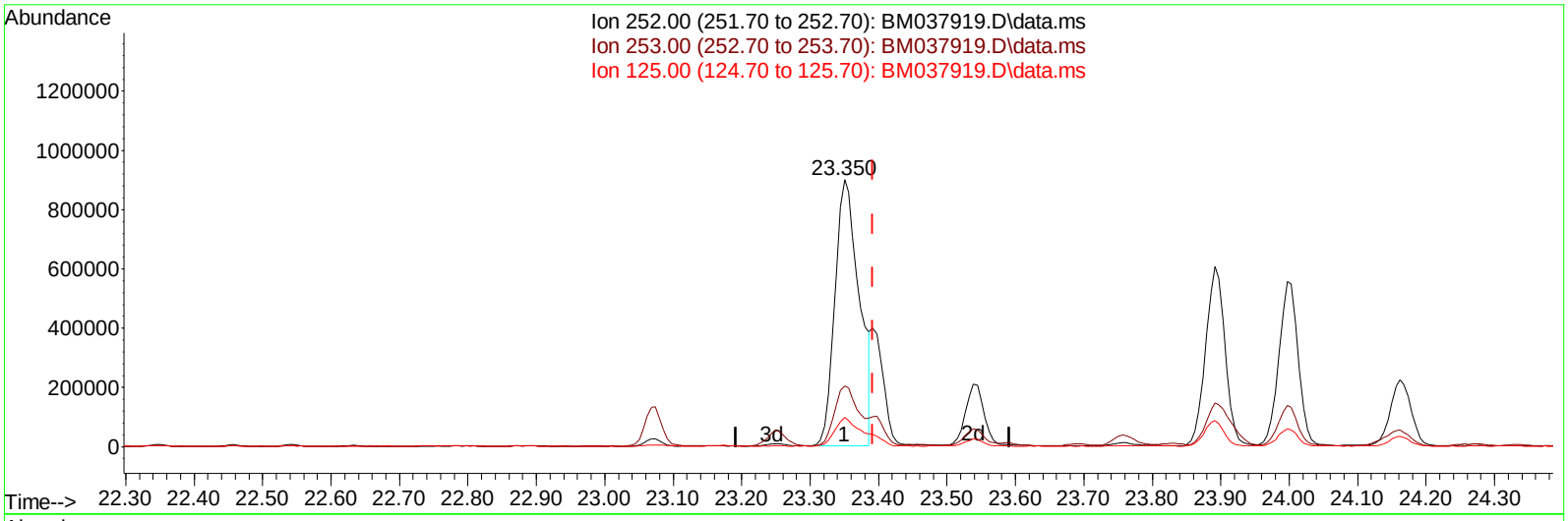

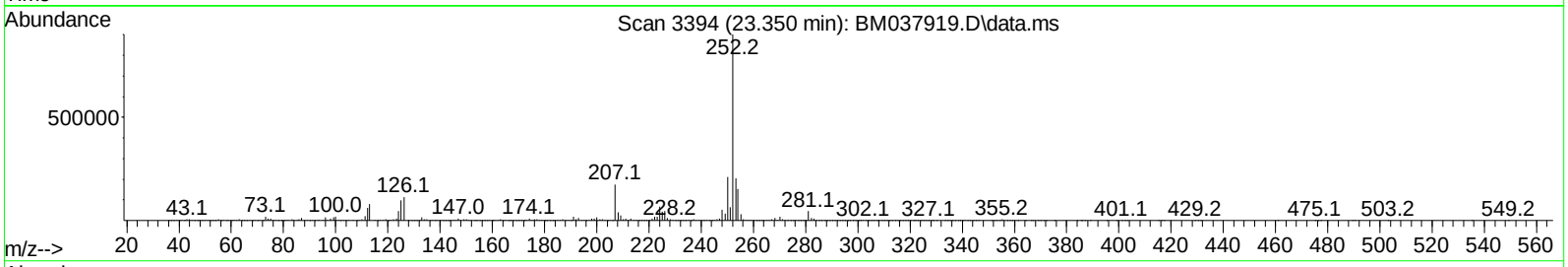

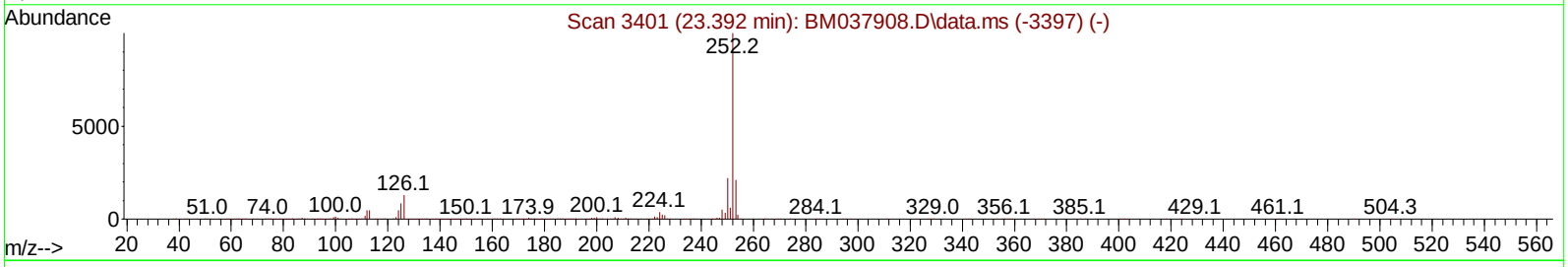

TIC: BM037919.D\data.ms

(91) Benzo(k)fluoranthene

23.350min (-0.041) 34.23 ng/ul

response 2227133

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.82
125.00	10.10	11.02
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
Operator : CG/JU
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ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 09 21:49:08 2022
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Manual IntegrationsAPPROVED

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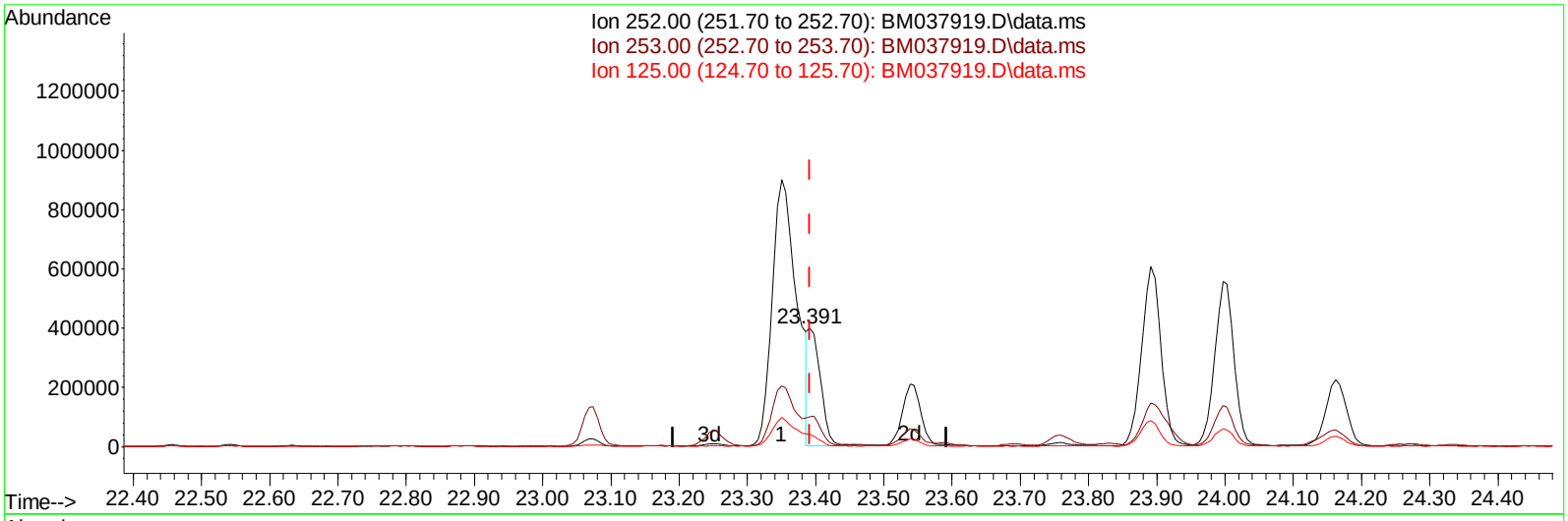

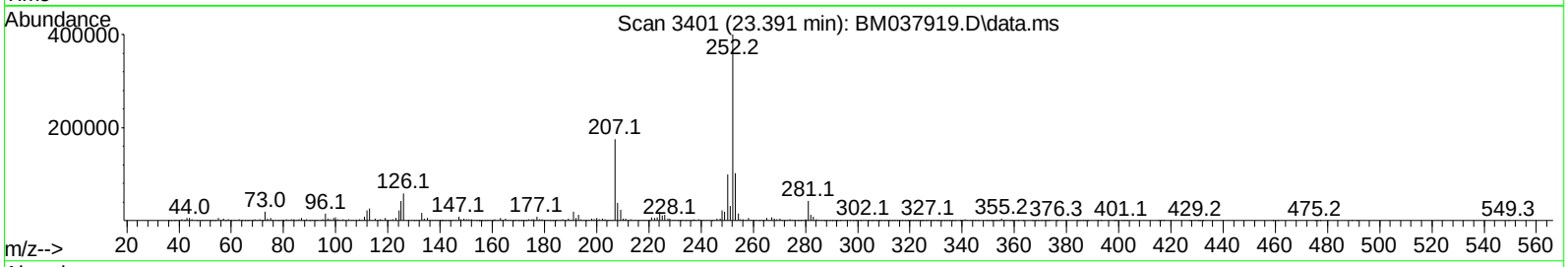

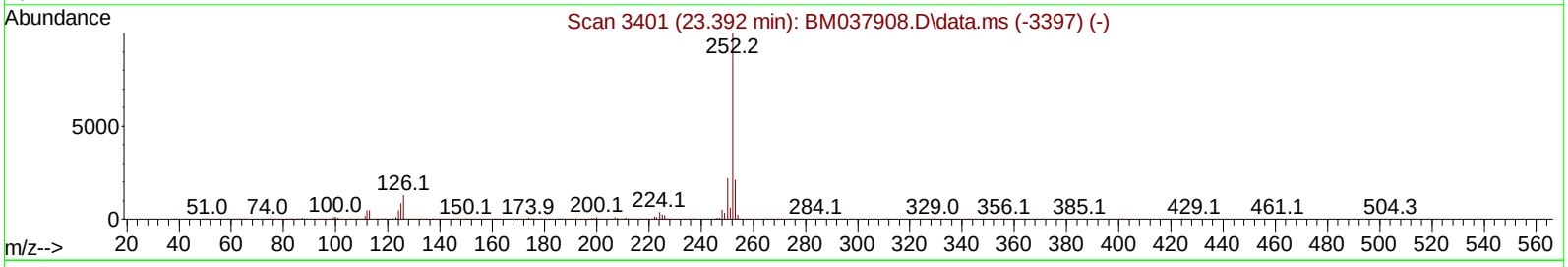

TIC: BM037919.D\data.ms

(91) Benzo(k)fluoranthene

23.391min (-0.000) 7.68 ng/ul m

response 499887

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	25.36
125.00	10.10	10.49
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 09 21:49:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
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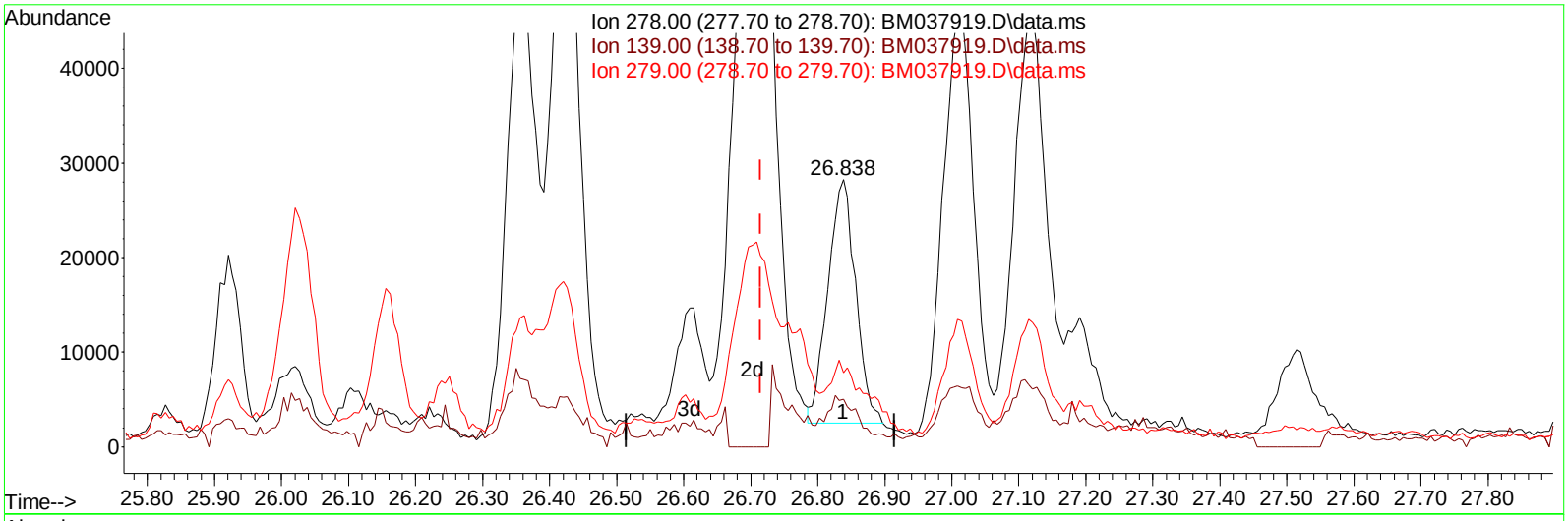
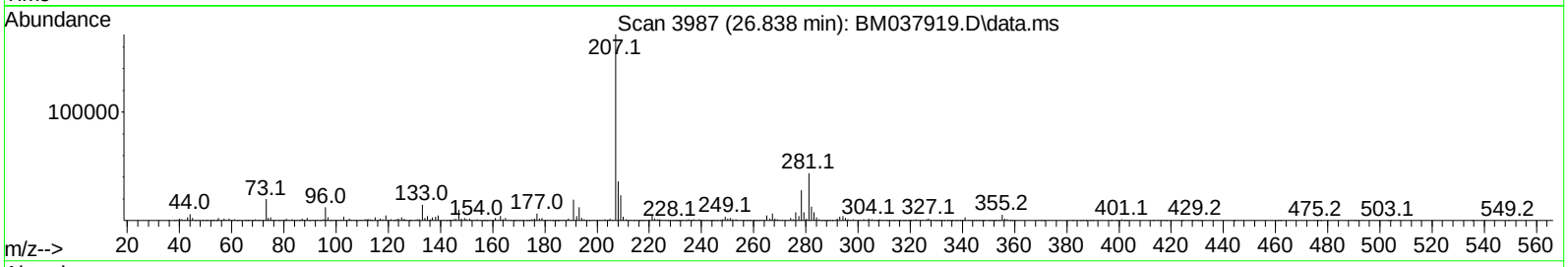
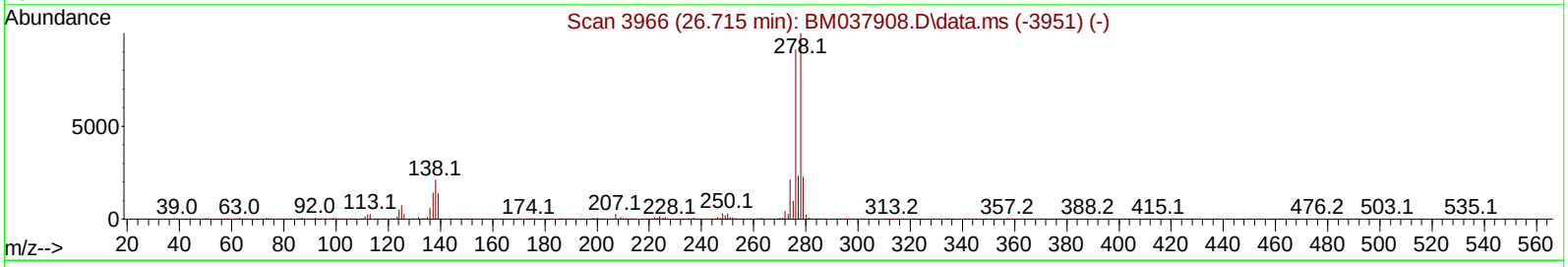
Manual IntegrationsAPPROVED

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







TIC: BM037919.D\data.ms

(95) Dibenzo(a,h)anthracene

26.838min (+ 0.123) 1.16 ng/ul

response 74265

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.50	17.83
279.00	24.70	27.70
0.00	0.00	0.00

Quantitation Report (Qedit)

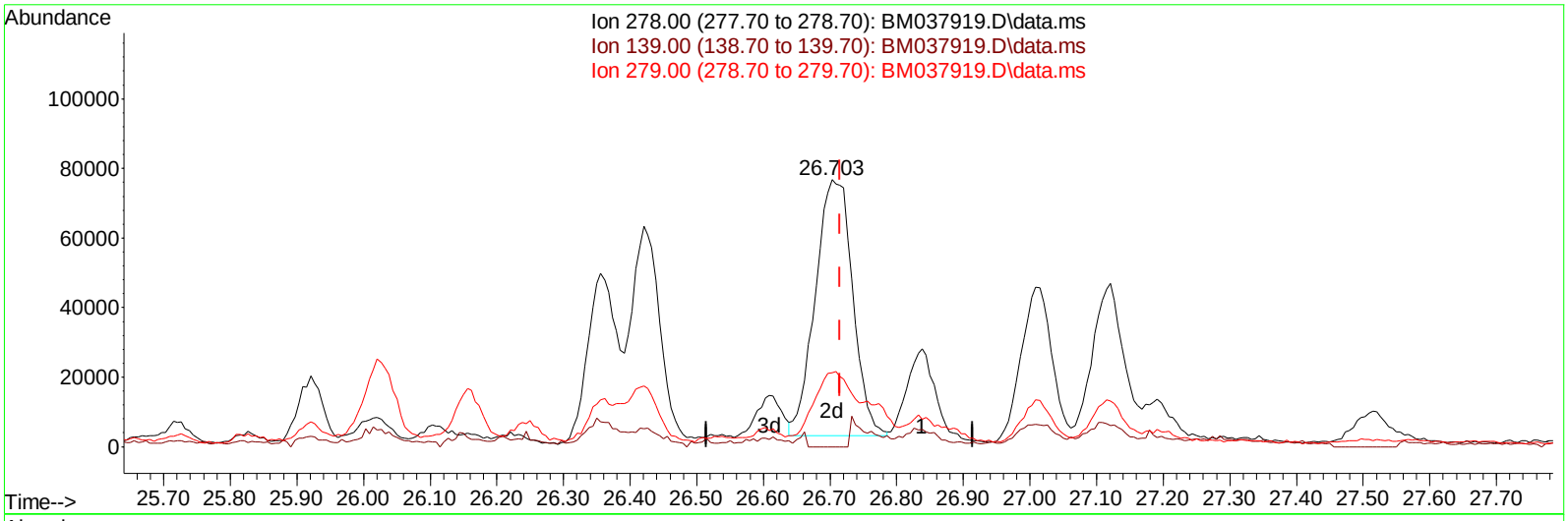
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

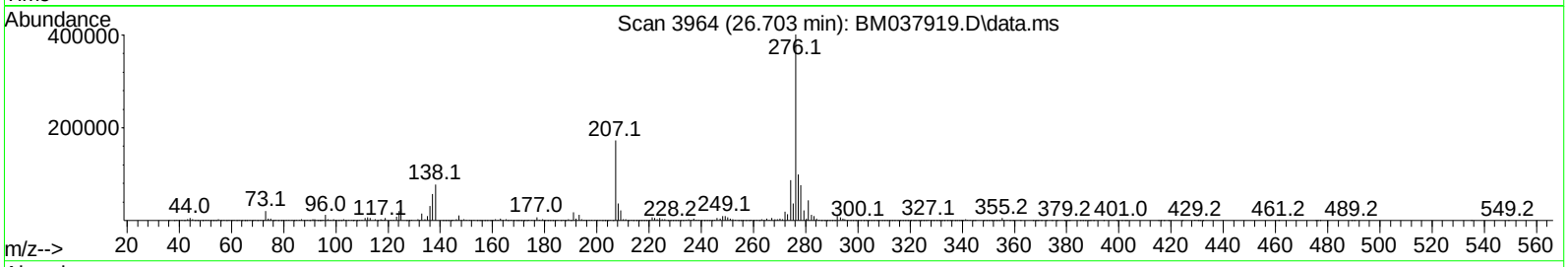
Quant Time: Dec 09 21:49:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

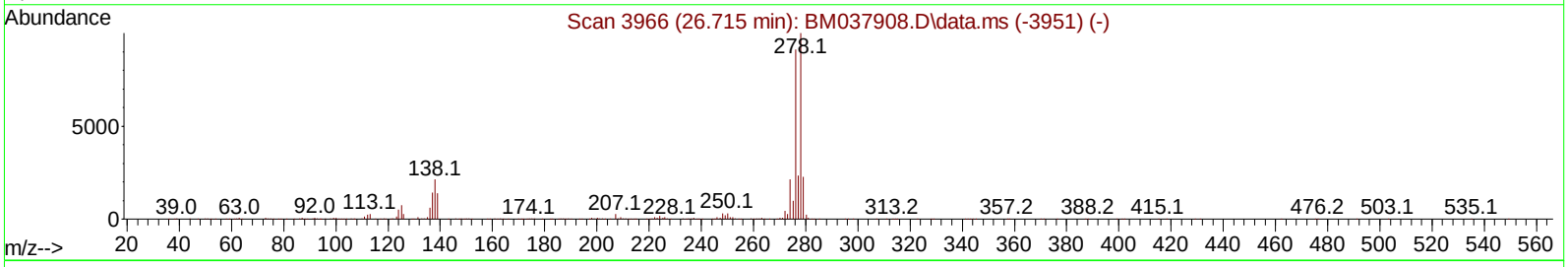
Instrument :
BNA_M
ClientSampleId :
DBXM8

Manual IntegrationsAPPROVED

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







TIC: BM037919.D\data.ms

(95) Dibenzo(a,h)anthracene

26.703min (-0.012) 4.45 ng/ul m

response 285378

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.50	0.00#
279.00	24.70	27.76
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 09 21:49:08 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	272148	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	1065491	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	579583	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1124234	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	913327	20.000	ng/ul	0.00
88) Perylene-d12	24.109	264	1082737	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	2069m	0.345	ng/uL	0.00
4) Pyridine-d5	3.887	84	17936m	1.009	ng/ul	0.03
7) Phenol-d5	7.234	99	43983	1.989	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	27874	2.070	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	39677	2.187	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	32781	1.899	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	18663	2.212	ng/ul	0.00
24) 2-Nitrophenol-d4	9.980	143	17435	1.972	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	31110	1.853	ng/ul	0.00
31) 4-Chloroaniline-d4	11.039	131	23421	1.010	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	90441	2.189	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	107640	2.131	ng/ul	0.00
54) 4-Nitrophenol-d4	14.915	143	6645m	0.944	ng/ul	0.01
60) Fluorene-d10	15.698	176	80621	2.190	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	6668m	1.109	ng/ul	0.00
73) Anthracene-d10	17.545	188	132205	2.520	ng/ul	0.00
81) Pyrene-d10	19.833	212	134614	2.454	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.944	264	126027	2.330	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.951	128	90069	1.566	ng/ul	99
50) Acenaphthylene	14.433	152	241999	4.358	ng/ul	99
61) Fluorene	15.751	166	42775	1.000	ng/ul	96
71) Pentachlorophenol	17.098	266	21283	2.602	ng/ul	97
72) Phenanthrene	17.492	178	281828	4.590	ng/ul	99
74) Anthracene	17.586	178	1553002	24.891	ng/ul	99
80) Fluoranthene	19.498	202	853312	13.179	ng/ul	99
82) Pyrene	19.862	202	1217619	18.069	ng/ul	98
85) Benzo(a)anthracene	21.603	228	519783	8.453	ng/ul	97
87) Chrysene	21.662	228	970313	16.819	ng/ul	98
90) Benzo(b)fluoranthene	23.350	252	2227133	33.179	ng/ul	98
91) Benzo(k)fluoranthene	23.391	252	499887m	7.684	ng/ul	
93) Benzo(a)pyrene	23.997	252	1083327	18.353	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.703	276	1236612	16.266	ng/ul	95
95) Dibenzo(a,h)anthracene	26.703	278	285378m	4.453	ng/ul	
96) Benzo(g,h,i)perylene	27.515	276	1036827	17.082	ng/ul	96

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

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