Quantitation Report (Qedit)

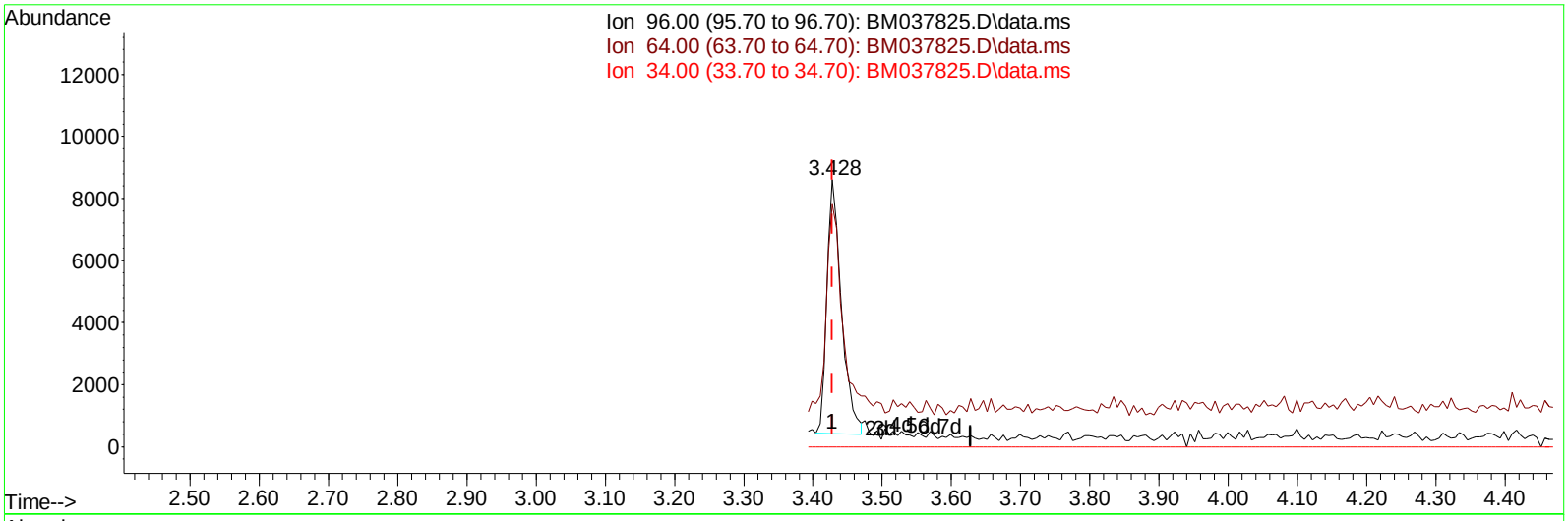
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037825.D
Acq On : 02 Dec 2022 12:43
Operator : CG/JU
Sample : N5738-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

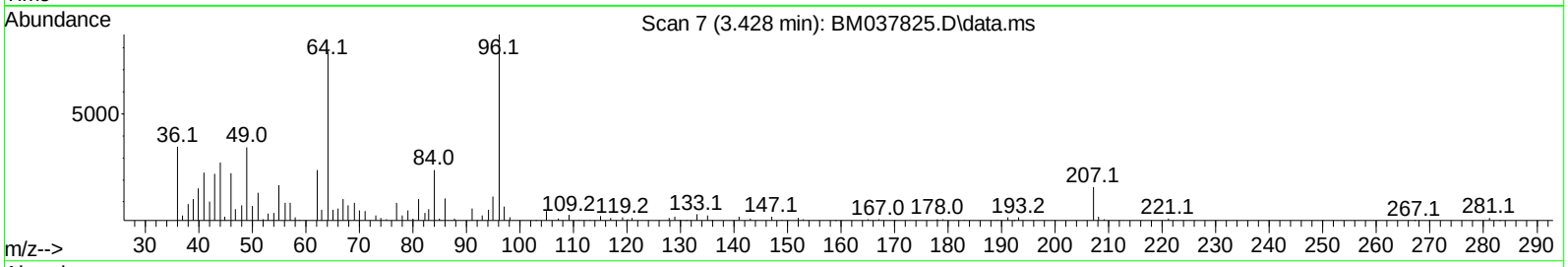
Quant Time: Dec 02 21:47:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration

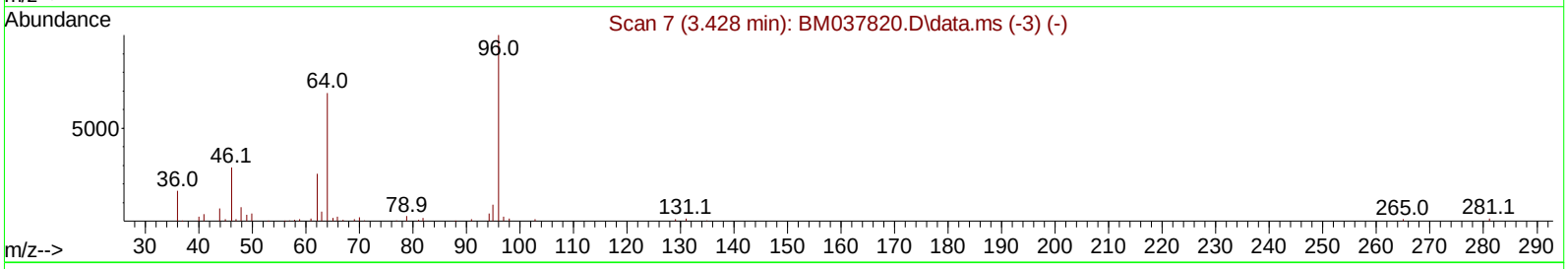
Instrument :
BNA_M
ClientSampleId :
GBNJ1

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022







TIC: BM037825.D\data.ms

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

3.428min (+ 0.000) 2.69 ng/uL

response 11940

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.40	90.90
34.00	0.00	0.00
0.00	0.00	0.00

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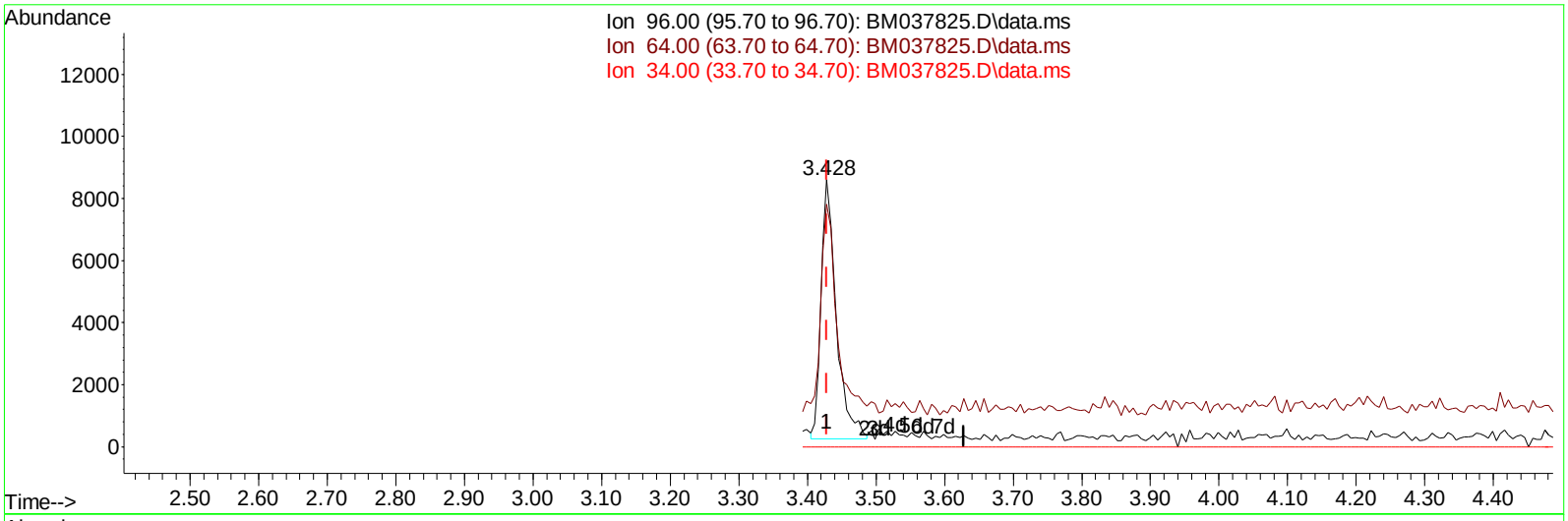

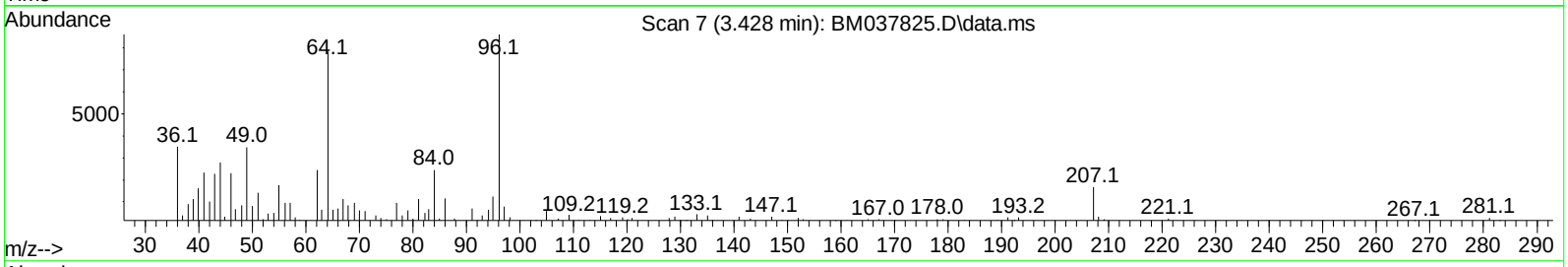

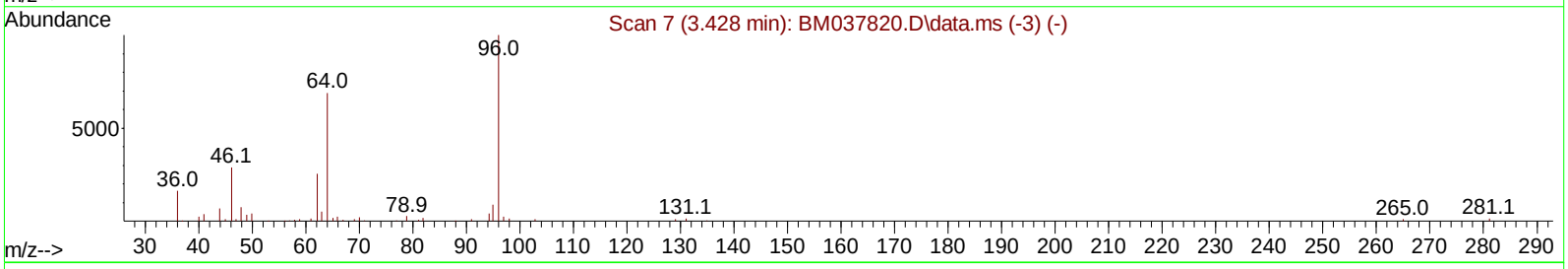

TIC: BM037825.D\data.ms

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

3.428min (+ 0.000) 2.90 ng/uL m

response 12884

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.40	90.90
34.00	0.00	0.00
0.00	0.00	0.00

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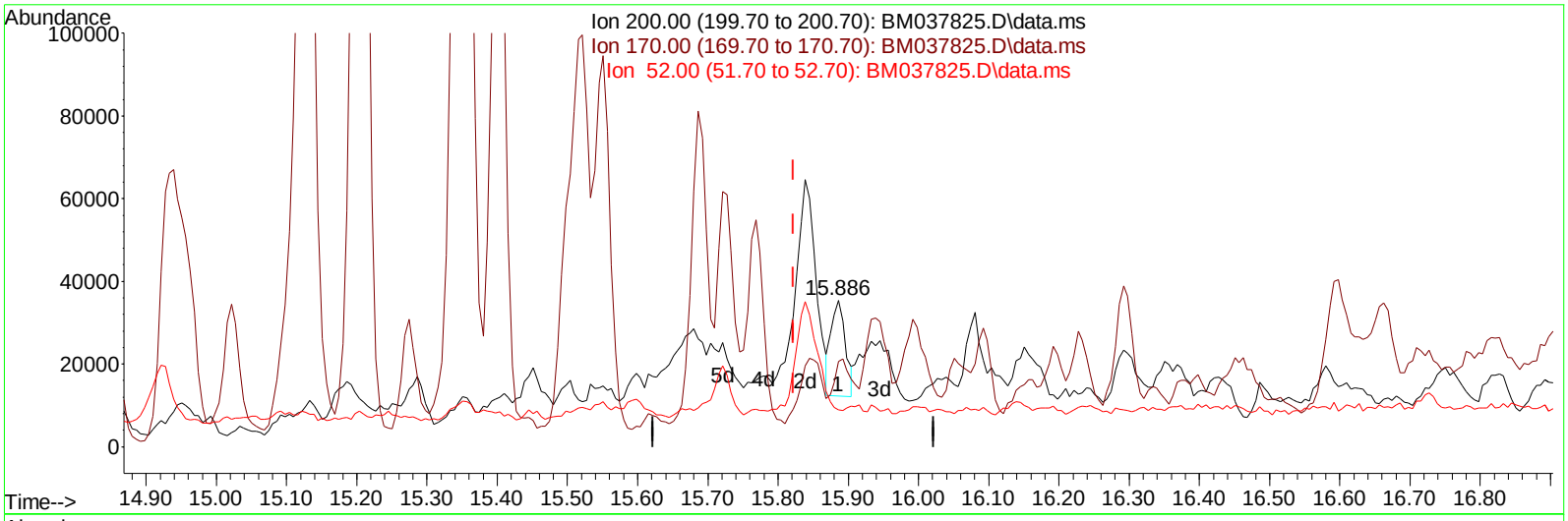

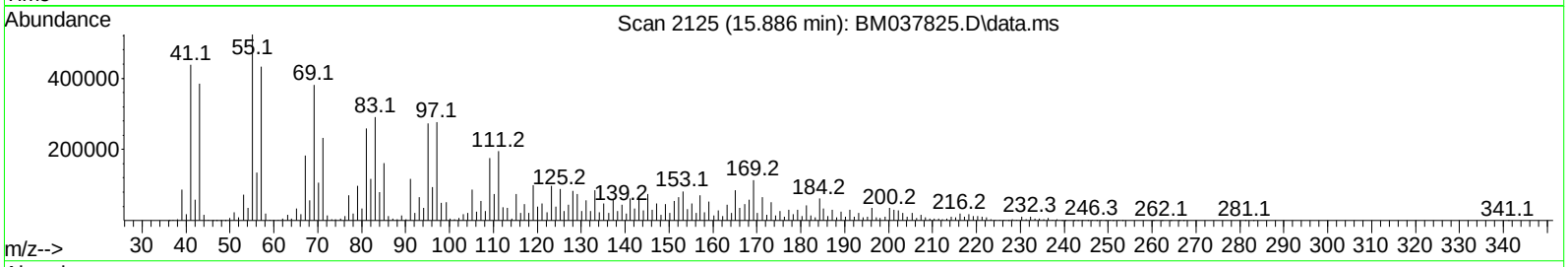

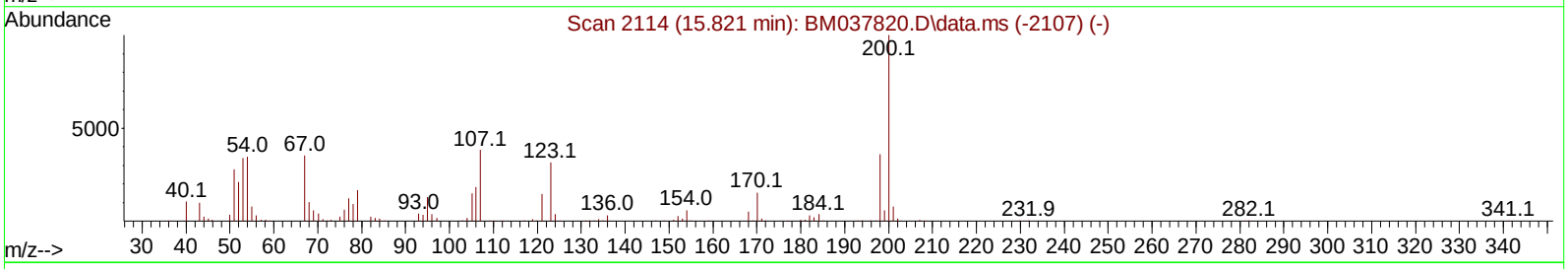

TIC: BM037825.D\data.ms

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

15.886min (+ 0.064) 8.15 ng/ul

response 32515

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	16.60	58.15#
52.00	40.60	25.34#
0.00	0.00	0.00

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Misc :
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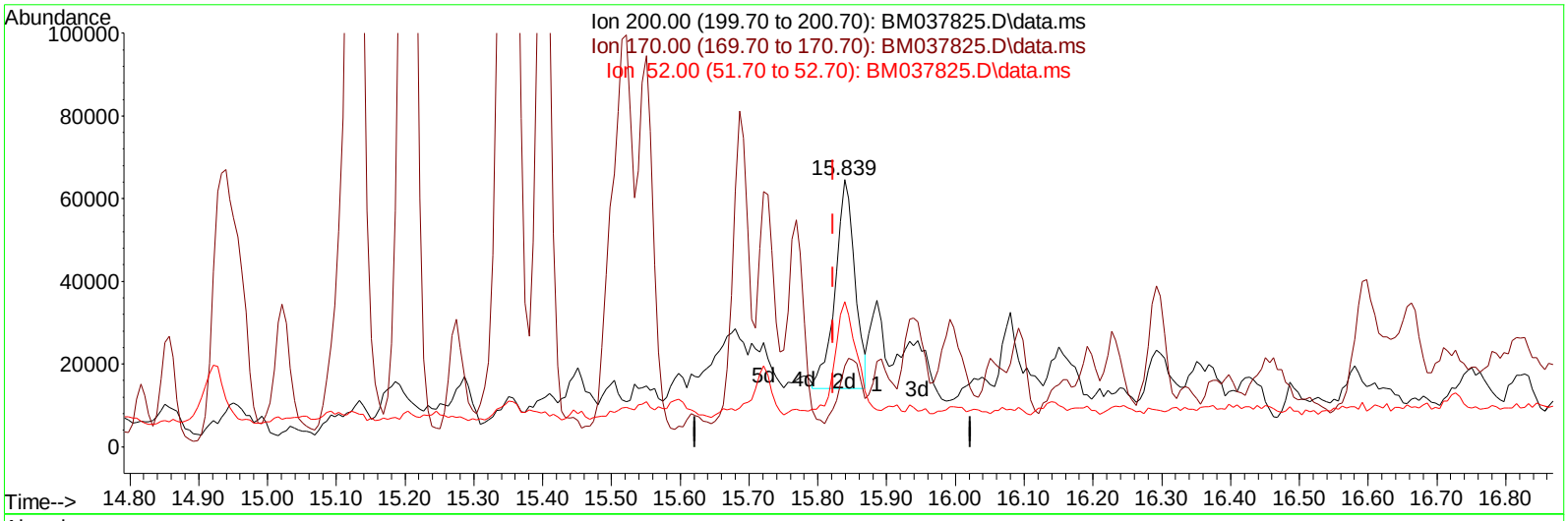

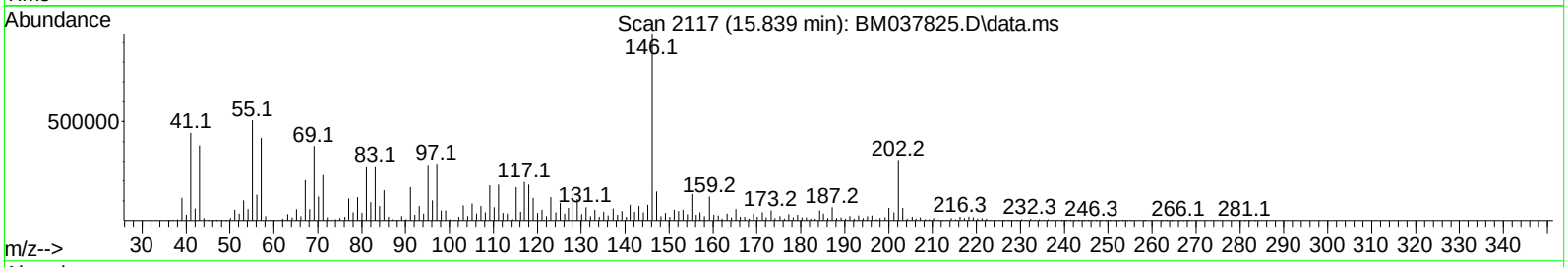

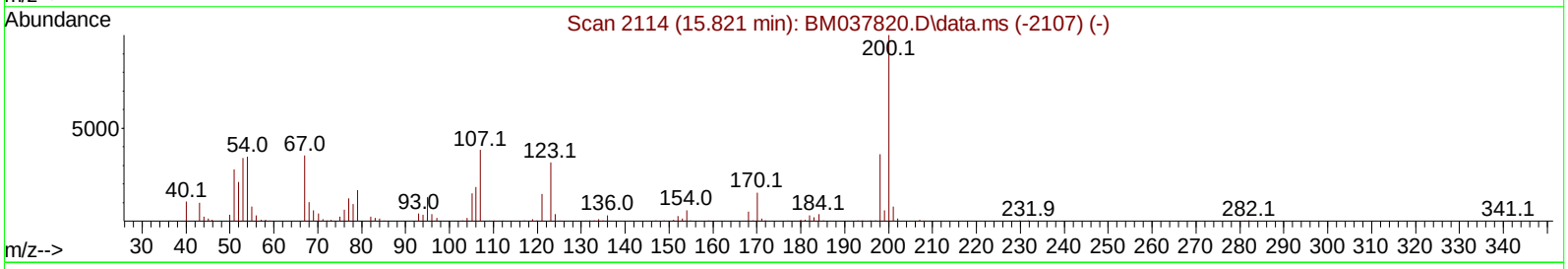

TIC: BM037825.D\data.ms

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

15.839min (+ 0.017) 25.12 ng/ul m

response 100252

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	16.60	30.36#
52.00	40.60	54.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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QLast Update : Fri Dec 02 01:14:59 2022
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Instrument :
BNA_M
ClientSampleId :
GBNJ1

Manual IntegrationsAPPROVED

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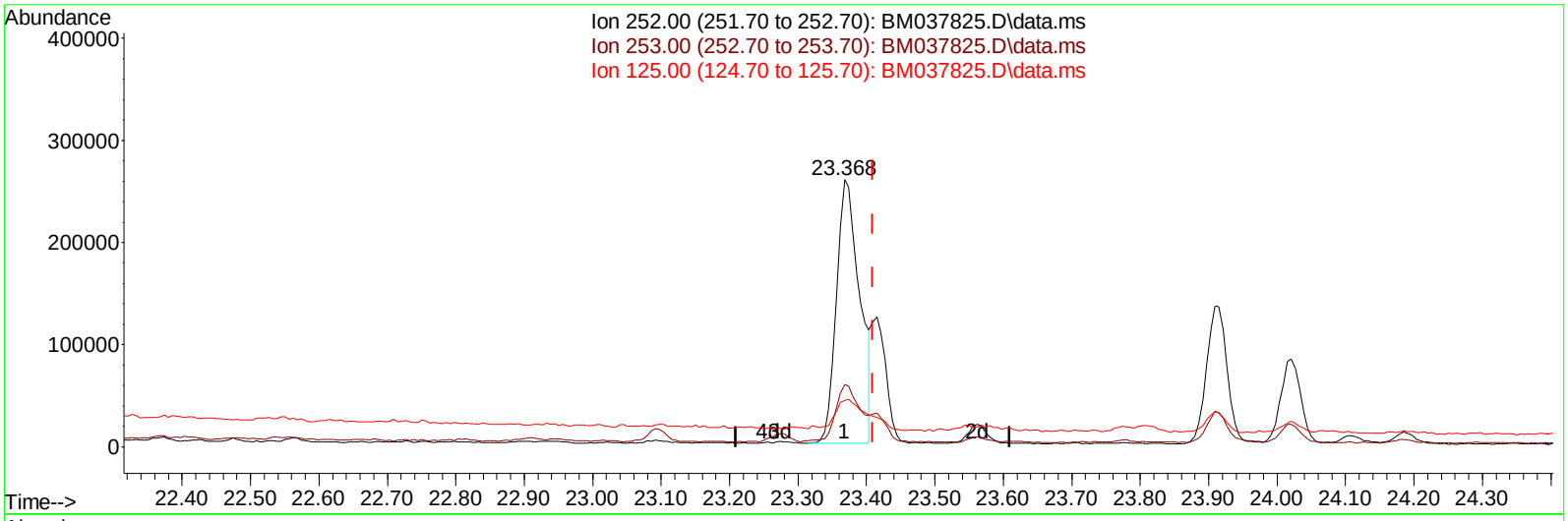

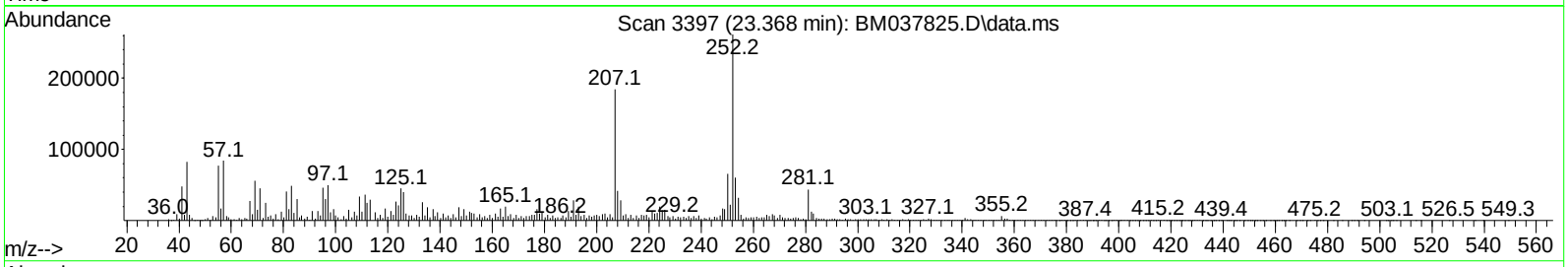

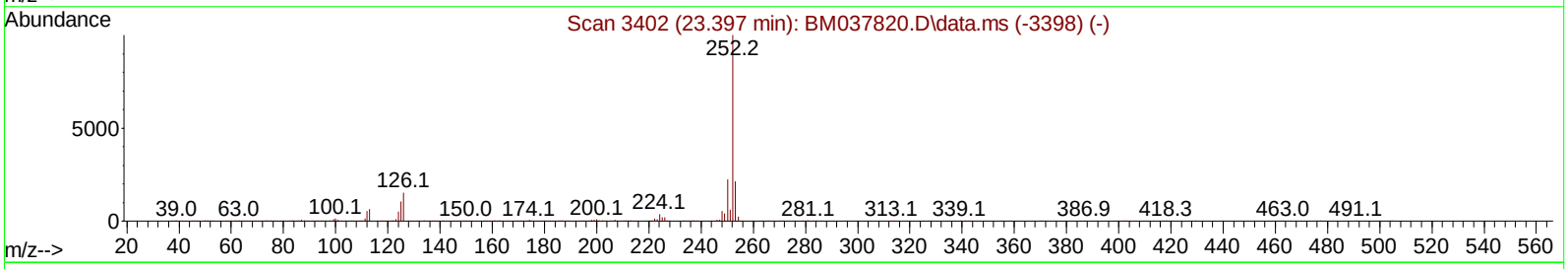

TIC: BM037825.D\data.ms

(91) Benzo(k)fluoranthene

23.368min (-0.042) 12.61 ng/ul

response 612438

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.27
125.00	11.60	17.28#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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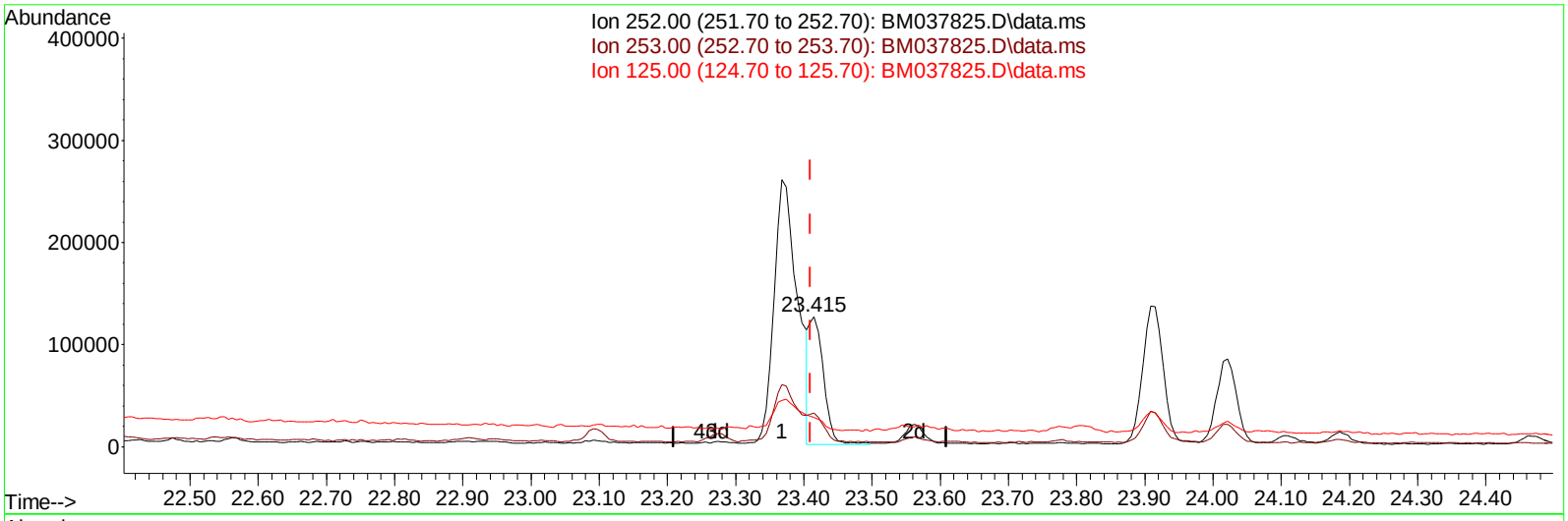

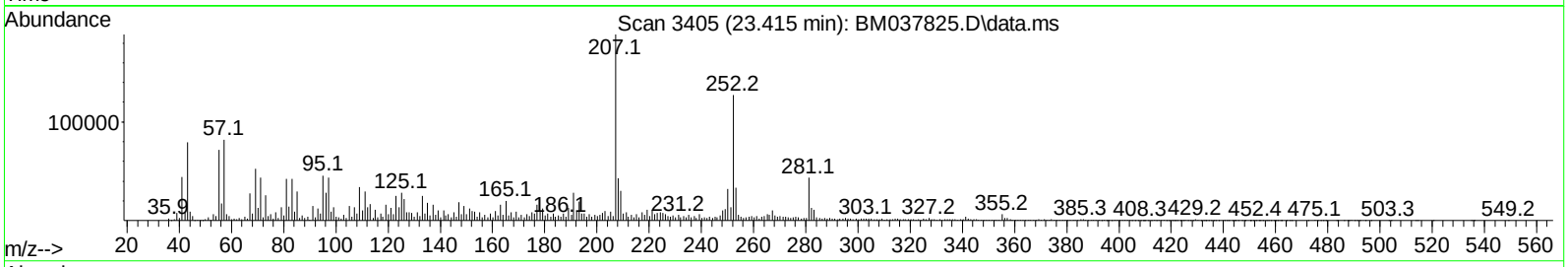

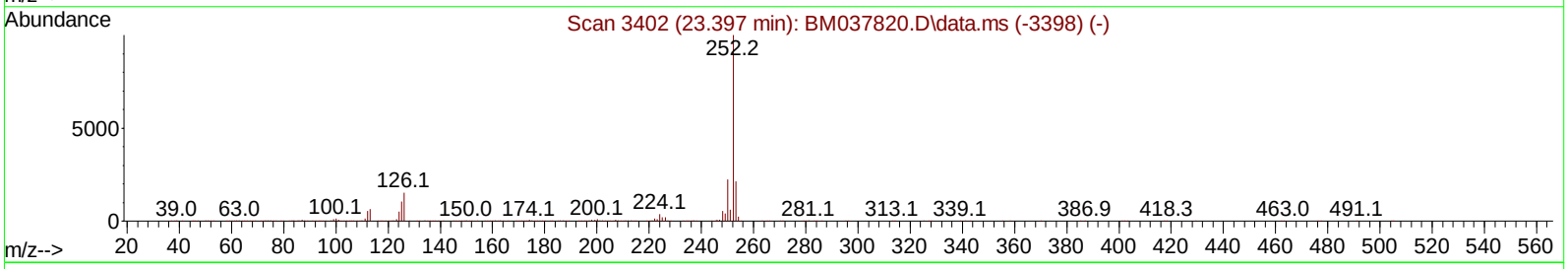

TIC: BM037825.D\data.ms

(91) Benzo(k)fluoranthene

23.415min (+ 0.005) 3.89 ng/ul m

response 189001

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	26.01
125.00	11.60	22.44#
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037825.D
Acq On : 02 Dec 2022 12:43
Operator : CG/JU
Sample : N5738-12
Misc :
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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	8.098	152	208374	20.000	ng/ul	0.00
20) Naphthalene-d8	10.922	136	975561	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.733	164	608964	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.509	188	757626	20.000	ng/ul	# 0.05
79) Chrysene-d12	21.650	240	773886	20.000	ng/ul	0.02
88) Perylene-d12	24.133	264	783844	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	12884m	2.901	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.251	99	337902	17.999	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	192539	17.579	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132	276836	19.504	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	283919	19.017	ng/ul	0.00
21) Nitrobenzene-d5	9.269	128	145838	18.819	ng/ul	0.00
24) 2-Nitrophenol-d4	9.992	143	160539	20.020	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.533	165	292106	19.642	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	76187	3.340	ng/ul	0.00
46) Dimethylphthalate-d6	14.133	166	890400	21.293	ng/ul	0.00
49) Acenaphthylene-d8	14.427	160	1057616	20.796	ng/ul	0.00
54) 4-Nitrophenol-d4	14.927	143	190651	21.966	ng/ul	0.02
60) Fluorene-d10	15.727	176	686831	18.104	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.839	200	100252m	25.120	ng/ul	0.02
73) Anthracene-d10	17.604	188	735307	21.104	ng/ul	0.04
81) Pyrene-d10	19.874	212	768221	19.164	ng/ul	0.03
92) Benzo(a)pyrene-d12	23.974	264	828666	21.103	ng/ul	0.02
Target Compounds						Qvalue
16) Acetophenone	8.928	105	38635	1.641	ng/ul	97
50) Acenaphthylene	14.457	152	94389	1.674	ng/ul#	33
58) 2,3,4,6-Tetrachlorophenol	15.357	232	521744	48.916	ng/ul#	73
71) Pentachlorophenol	17.227	266	18981608	3399.302	ng/ul	98
72) Phenanthrene	17.551	178	1149951	28.006	ng/ul#	92
80) Fluoranthene	19.545	202	1475821	30.141	ng/ul	97
82) Pyrene	19.903	202	1954653	38.663	ng/ul	98
83) Butylbenzylphthalate	20.768	149	357304	16.209	ng/ul#	85
85) Benzo(a)anthracene	21.633	228	94171	1.902	ng/ul#	62
86) Bis(2-ethylhexyl)phtha...	21.533	149	884816	26.565	ng/ul	99
87) Chrysene	21.686	228	668910	14.513	ng/ul#	94
90) Benzo(b)fluoranthene	23.368	252	612438	12.166	ng/ul#	93
91) Benzo(k)fluoranthene	23.415	252	189001m	3.892	ng/ul	
93) Benzo(a)pyrene	24.021	252	164557	3.770	ng/ul#	80
94) Indeno(1,2,3-cd)pyrene	26.744	276	203157	4.140	ng/ul	94
96) Benzo(g,h,i)perylene	27.538	276	160600	3.750	ng/ul	97

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

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