Quantitation Report (Qedit)

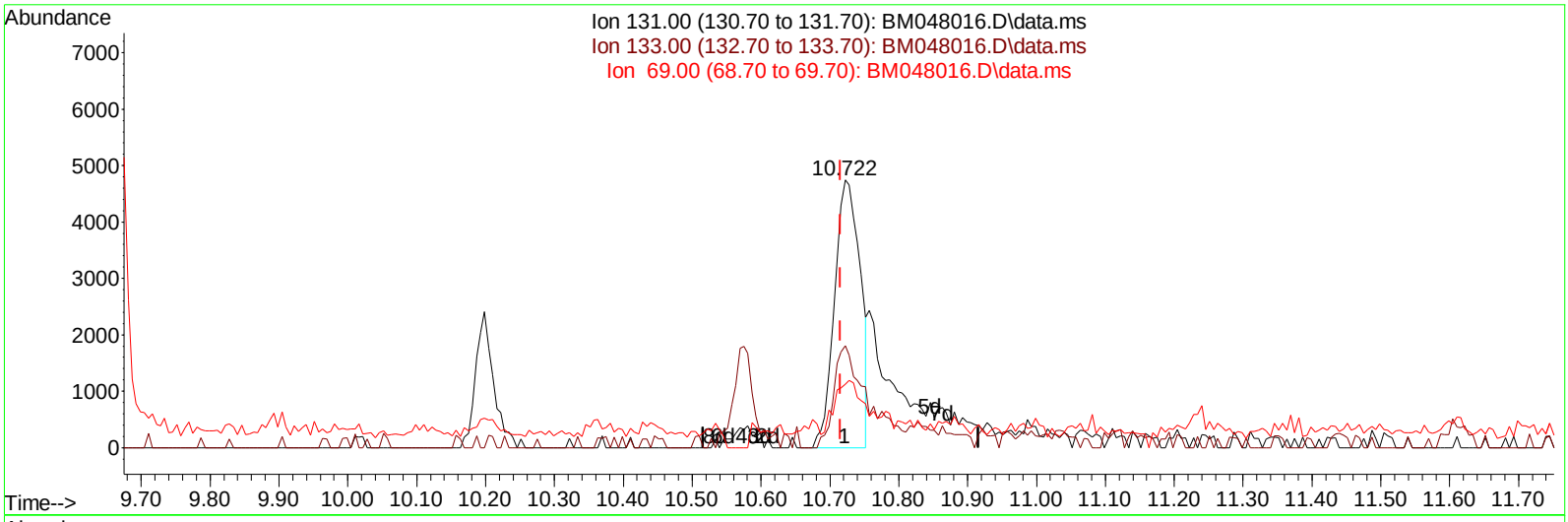
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
Data File : BM048016.D
Acq On : 11 Oct 2024 18:36
Operator : RC/JU
Sample : P4237-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

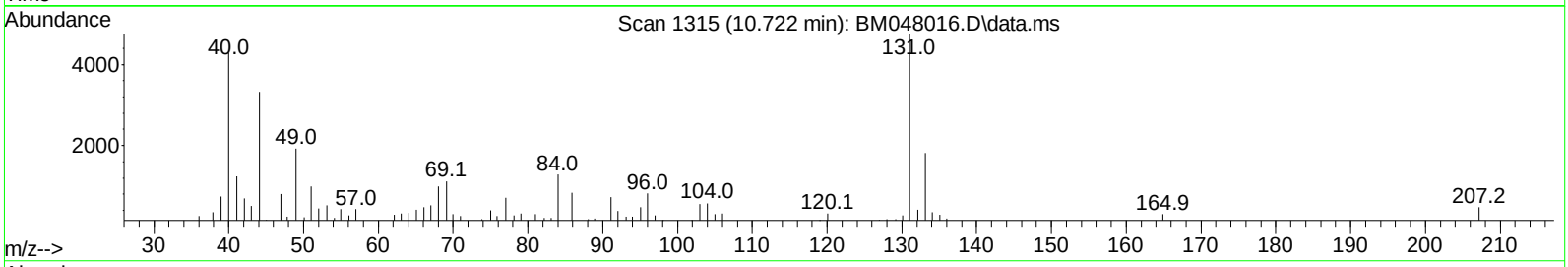
Quant Time: Oct 12 00:36:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

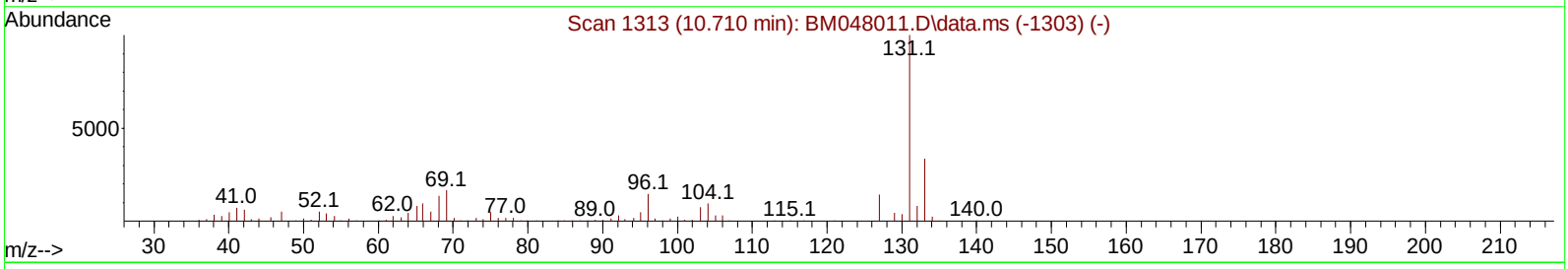
Instrument :
BNA_M
ClientSampleId :
A4F21

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024







TIC: BM048016.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.722min (+ 0.006) 1.31 ng/ul

response 12233

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.00	38.16
69.00	20.90	23.64
0.00	0.00	0.00

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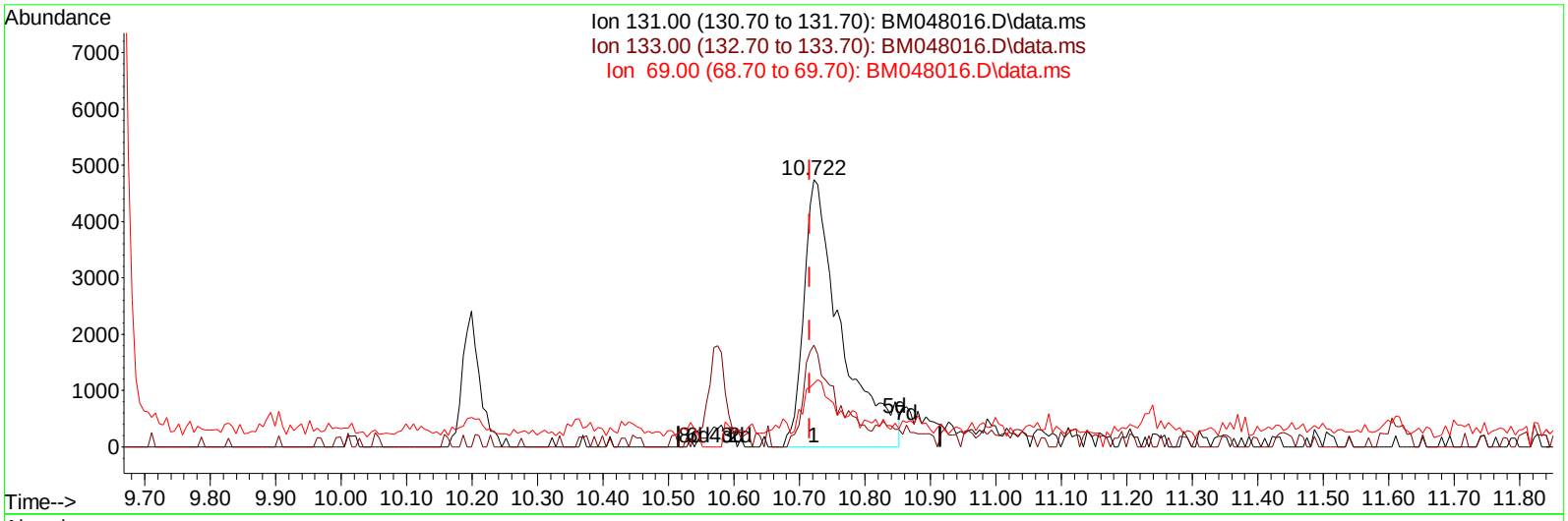

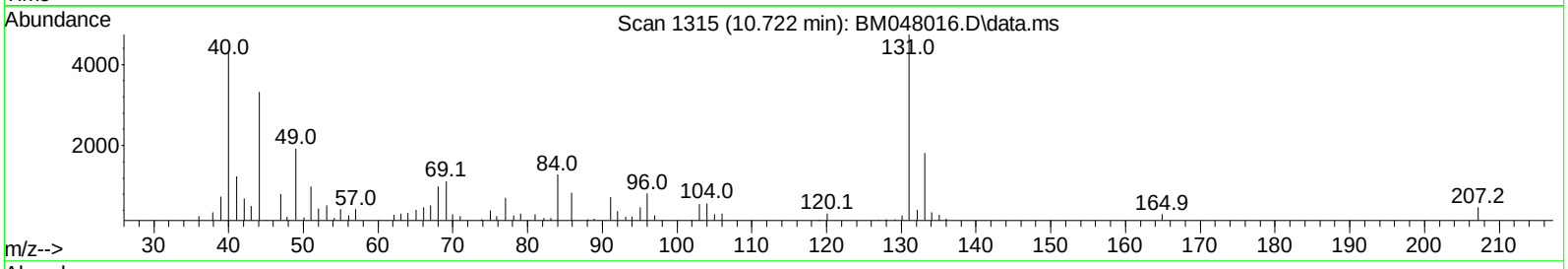

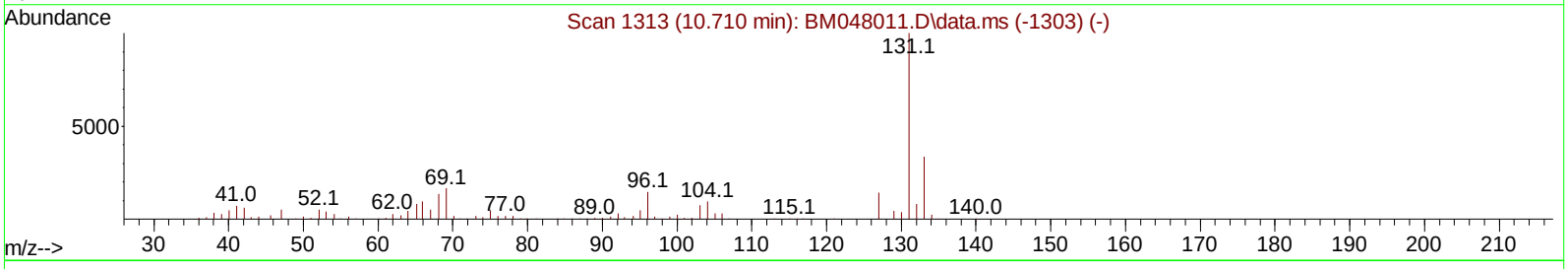

TIC: BM048016.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.722min (+ 0.006) 2.02 ng/ul m

response 18820

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.00	38.16
69.00	20.90	23.64
0.00	0.00	0.00

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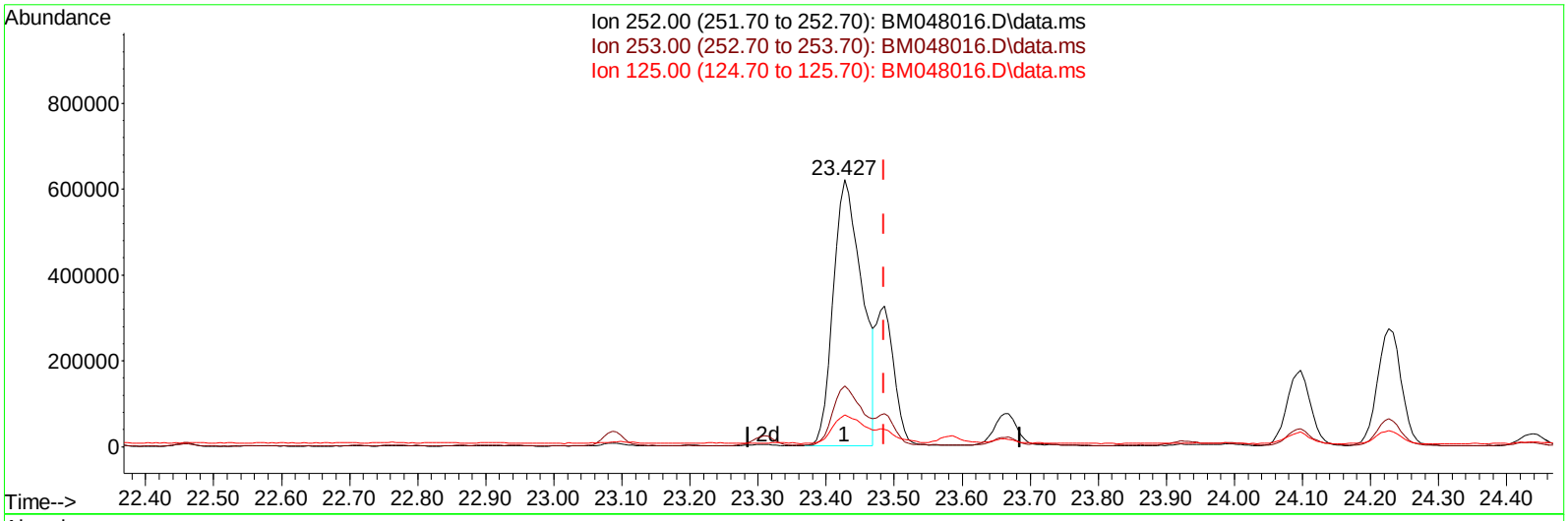

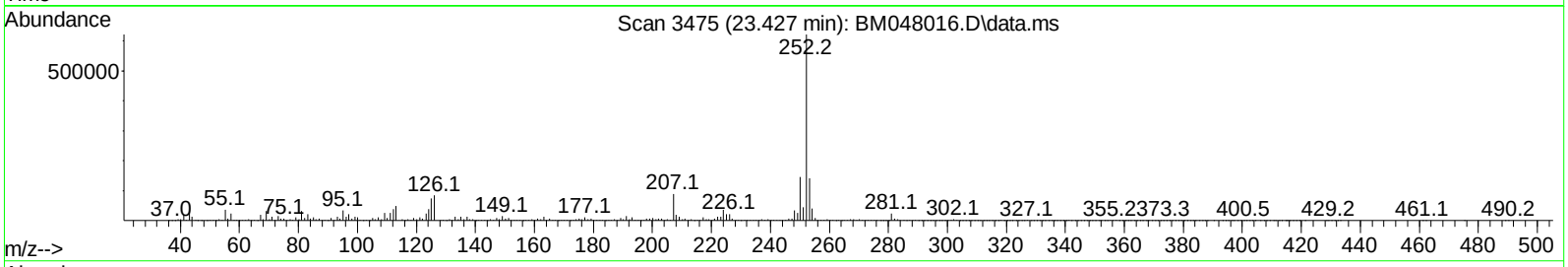

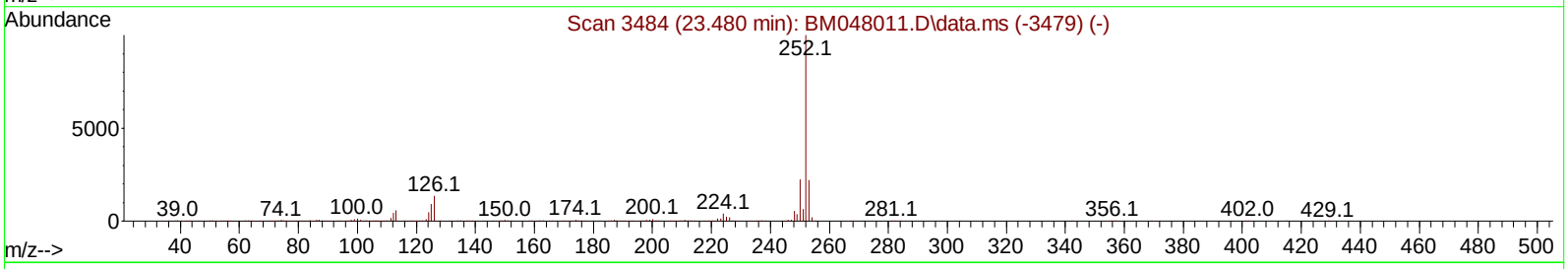

TIC: BM048016.D\data.ms

(91) Benzo(k)fluoranthene

23.427min (-0.058) 48.00 ng/ul

response 1825896

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.87
125.00	11.10	11.86
0.00	0.00	0.00

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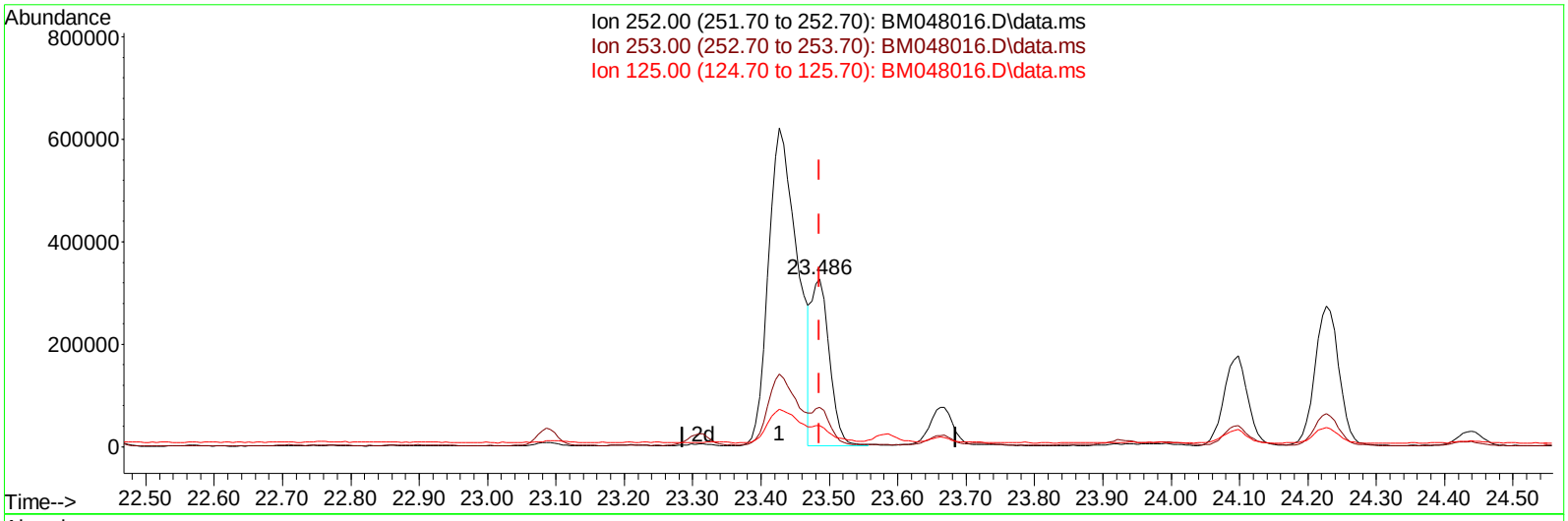

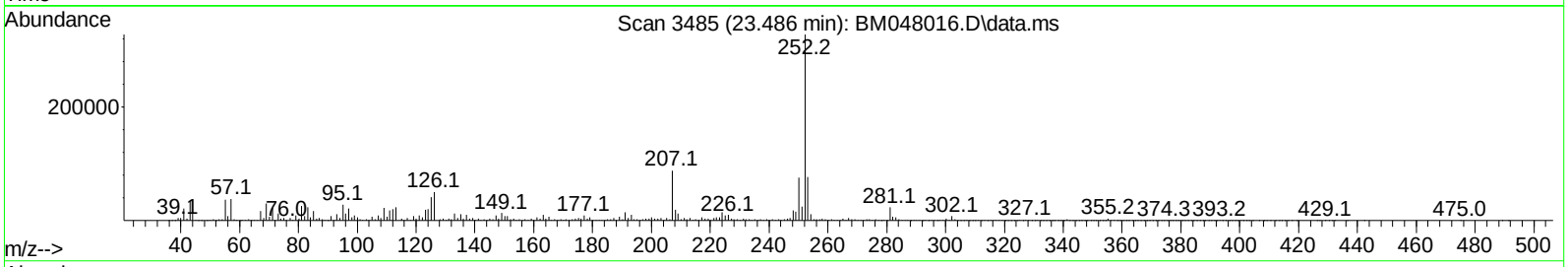

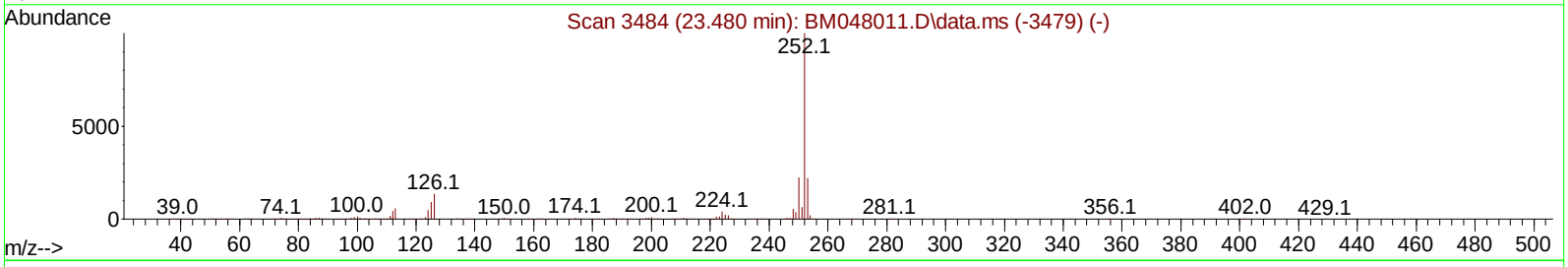

TIC: BM048016.D\data.ms

(91) Benzo(k)fluoranthene

23.486min (+ 0.000) 15.67 ng/ul m

response 596030

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	23.52
125.00	11.10	12.56
0.00	0.00	0.00

Quantitation Report (Qedit)

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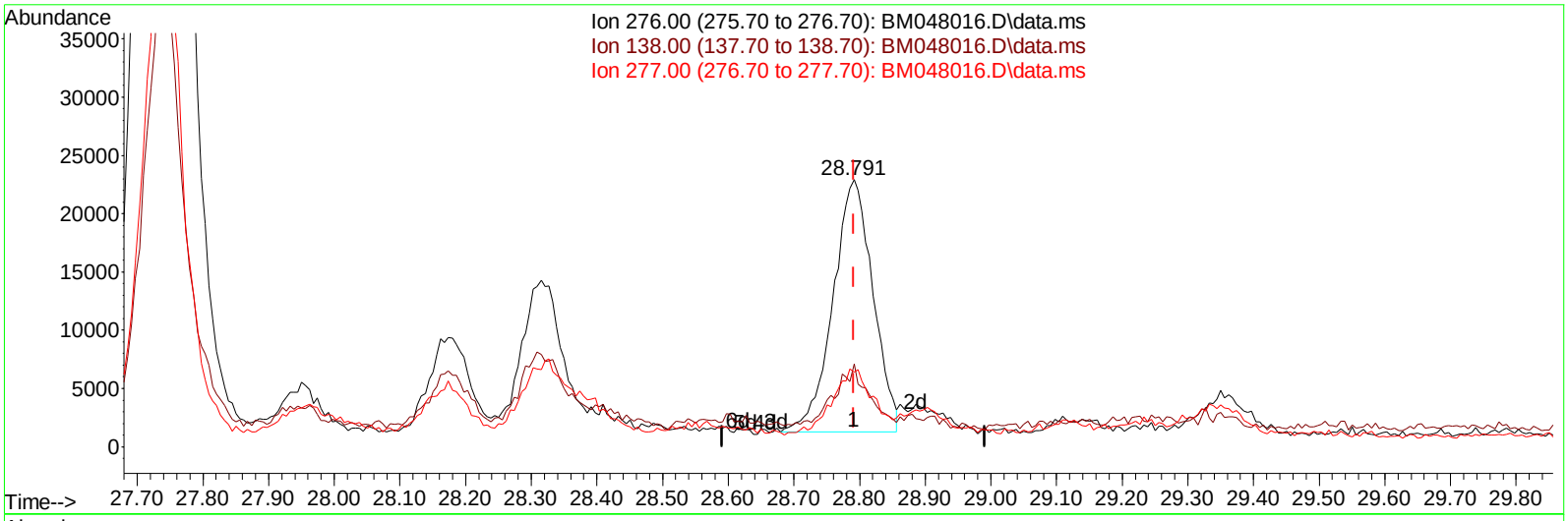

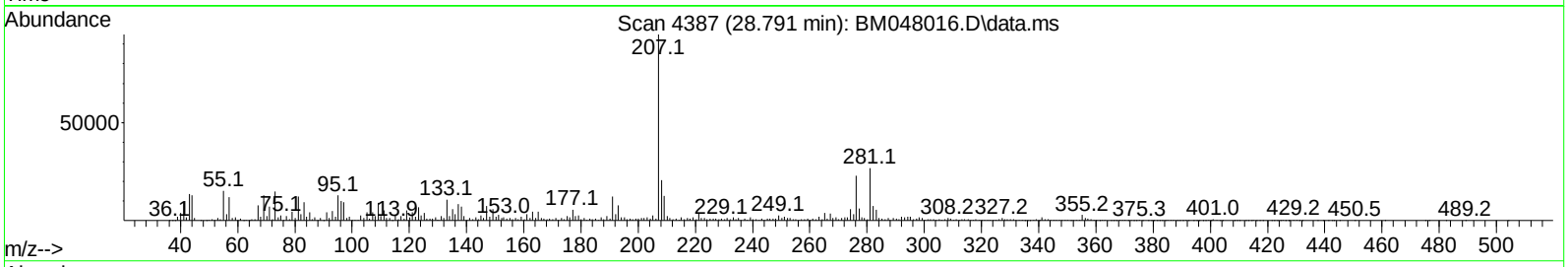

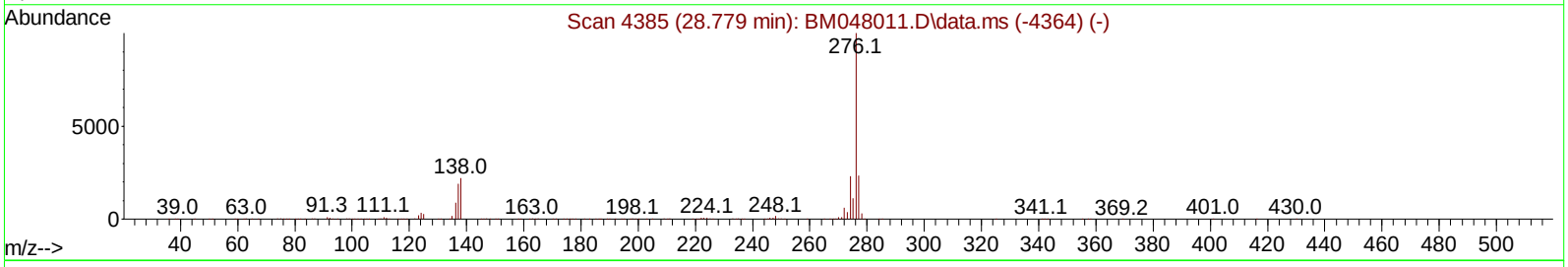

TIC: BM048016.D\data.ms

(96) Benzo(g,h,i)perylene

28.791min (+ 0.000) 2.57 ng/ul

response 91269

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.40	30.99#
277.00	22.90	27.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
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Manual IntegrationsAPPROVED

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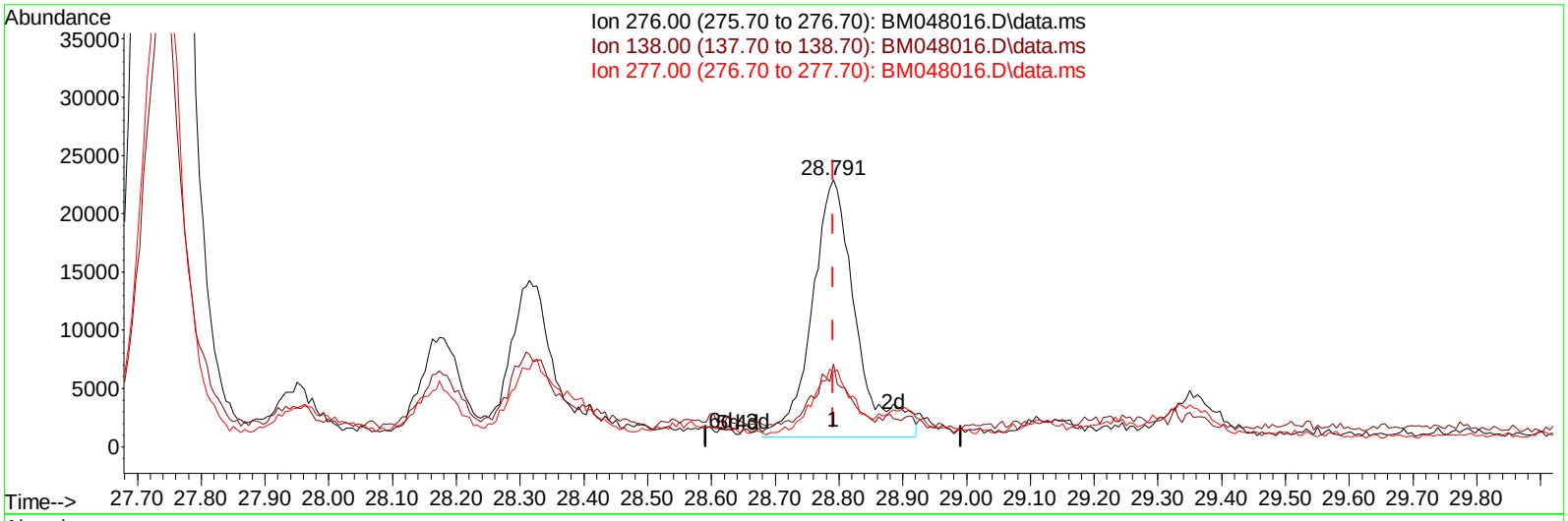

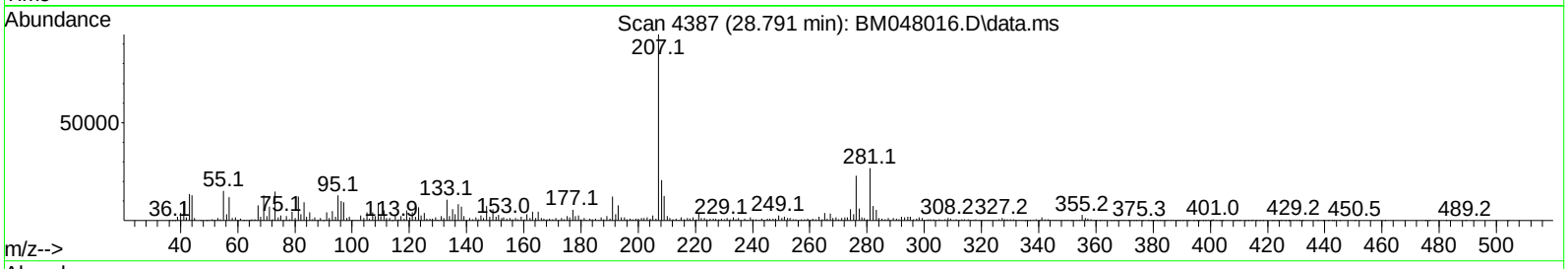

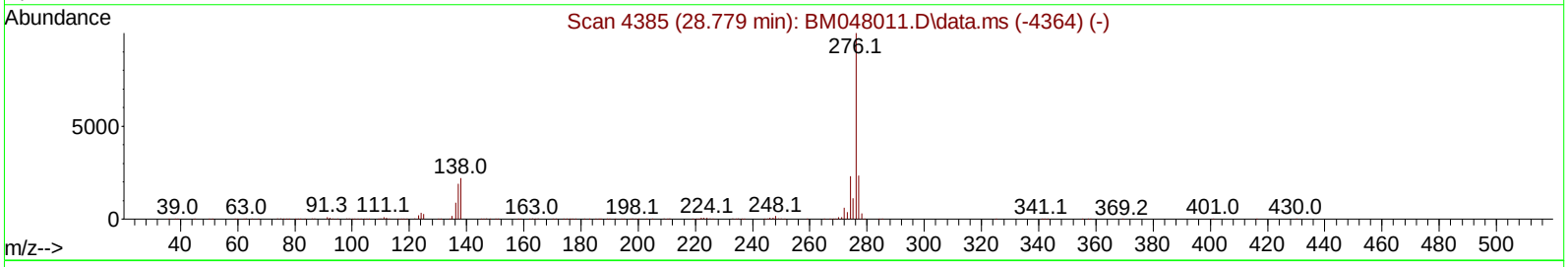

TIC: BM048016.D\data.ms

(96) Benzo(g,h,i)perylene

28.791min (+ 0.000) 2.97 ng/ul m

response 105447

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.40	30.99#
277.00	22.90	27.99#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 11 Oct 2024 18:36
Operator : RC/JU
Sample : P4237-07
Misc :
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Quant Time: Oct 12 00:40:44 2024
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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	7.781	152	97631	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	395131	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.416	164	246760	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	530987	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	509902	20.000	ng/ul	0.00
88) Perylene-d12	24.368	264	596574	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	6607	2.187	ng/uL	0.00
4) Pyridine-d5	3.670	84	16832	1.903	ng/ul	0.01
7) Phenol-d5	6.952	99	169318	18.340	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	97888	14.942	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	137543	20.477	ng/ul	0.00
15) 4-Methylphenol-d8	8.487	113	111664	16.268	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	63098	20.056	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	68305	22.656	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	136583	22.678	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	18820m	2.021	ng/ul	0.00
46) Dimethylphthalate-d6	13.822	166	403867	22.575	ng/ul	-0.01
49) Acenaphthylene-d8	14.110	160	476675	22.472	ng/ul	0.00
54) 4-Nitrophenol-d4	14.622	143	58882	16.531	ng/ul	0.00
60) Fluorene-d10	15.410	176	373655	24.113	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	41181	13.253	ng/ul	0.00
73) Anthracene-d10	17.251	188	585544	22.427	ng/ul	-0.01
81) Pyrene-d10	19.545	212	677017	23.394	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.162	264	541854	17.506	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	6.981	94	20811	2.119	ng/ul	89
16) Acetophenone	8.604	105	36927	3.144	ng/ul	98
50) Acenaphthylene	14.139	152	78190	3.269	ng/ul	99
52) Acenaphthene	14.481	153	21131	1.250	ng/ul	90
61) Fluorene	15.463	166	25941	1.366	ng/ul	99
72) Phenanthrene	17.198	178	714838	22.956	ng/ul	99
74) Anthracene	17.286	178	150882	4.751	ng/ul	99
77) Carbazole	17.557	167	96119	3.339	ng/ul	99
80) Fluoranthene	19.210	202	2173188	63.761	ng/ul	100
82) Pyrene	19.574	202	1699496	44.800	ng/ul	96
85) Benzo(a)anthracene	21.363	228	922507	25.839	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.286	149	370158	18.383	ng/ul#	98
87) Chrysene	21.421	228	1187501	34.119	ng/ul	97
90) Benzo(b)fluoranthene	23.427	252	1825896	49.078	ng/ul	98
91) Benzo(k)fluoranthene	23.486	252	596030m	15.668	ng/ul	
93) Benzo(a)pyrene	24.227	252	670120	18.966	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.739	276	730340	16.129	ng/ul	97
95) Dibenzo(a,h)anthracene	27.780	278	224475	6.049	ng/ul#	91
96) Benzo(g,h,i)perylene	28.791	276	105447m	2.972	ng/ul	

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

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