Quantitation Report (Qedit)

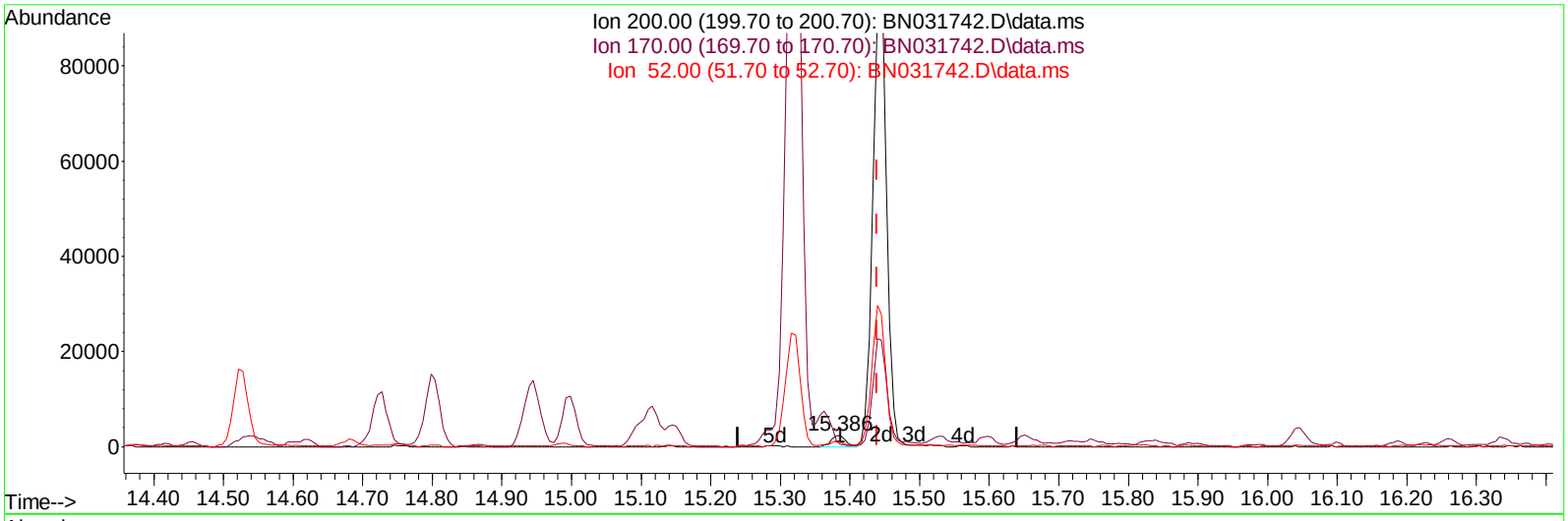
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031742.D
Acq On : 31 May 2024 14:59
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

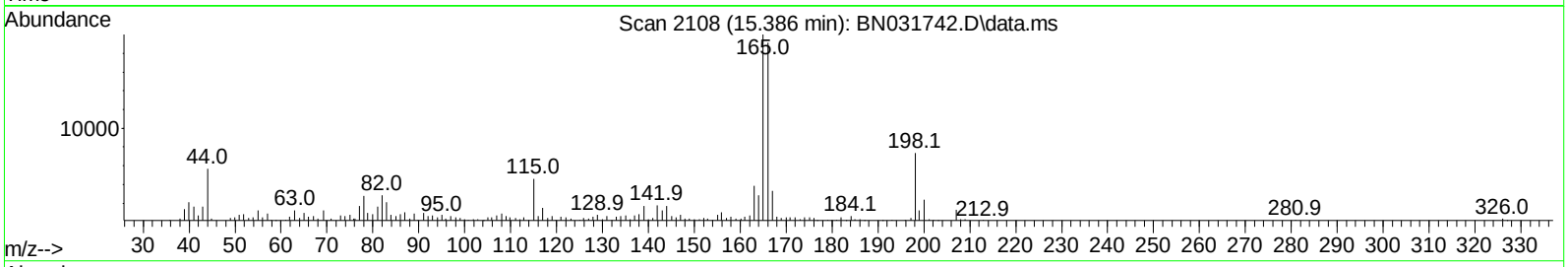
Quant Time: Jun 01 00:12:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

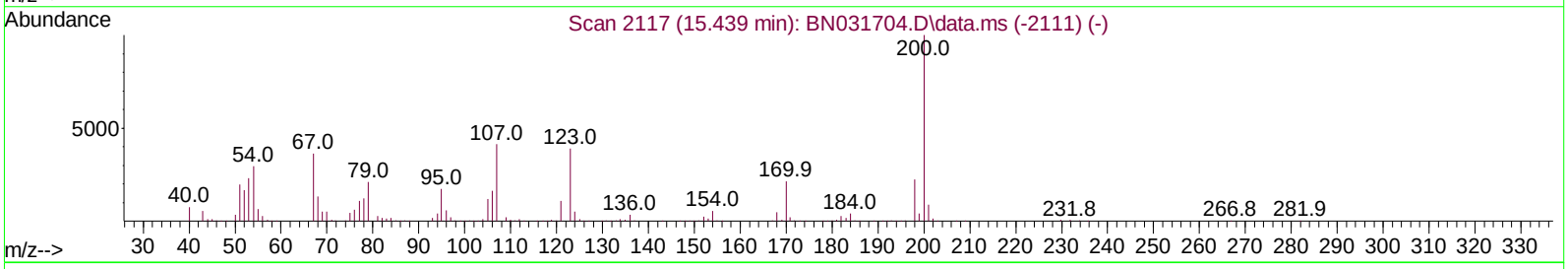
Instrument :
BNA_N
ClientSampleId :
BH619

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024







TIC: BN031742.D\data.ms

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

15.386min (-0.053) 0.32 ng/ul

response 3538

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	20.20	20.46
52.00	36.90	34.86
0.00	0.00	0.00

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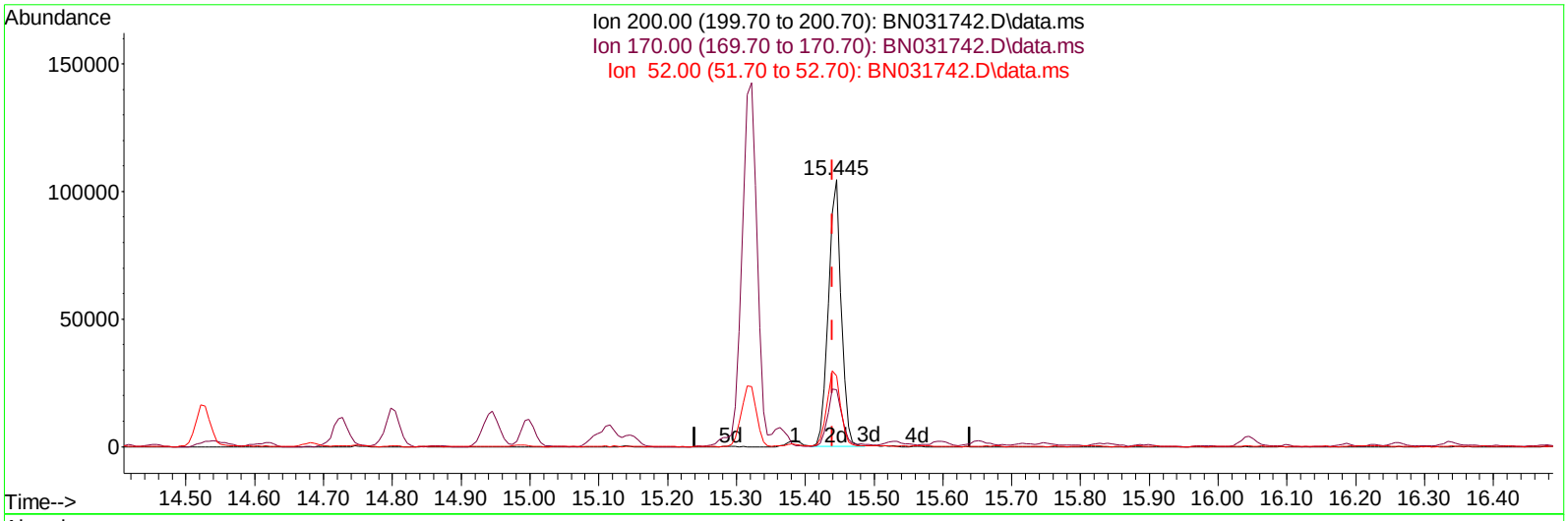

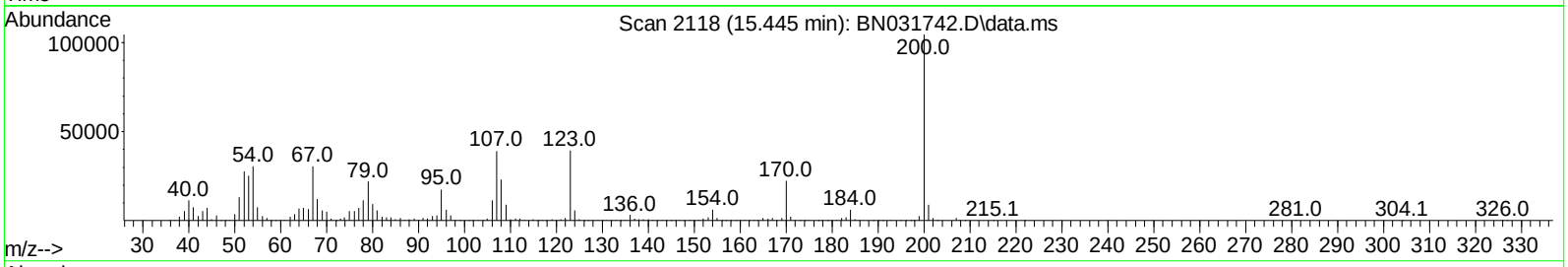

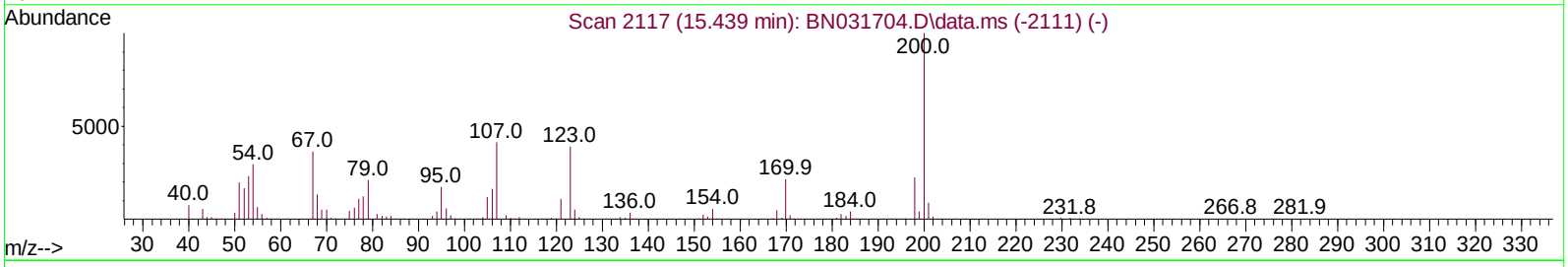

TIC: BN031742.D\data.ms

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

15.445min (+ 0.006) 12.19 ng/ul m

response 133402

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	20.20	21.39
52.00	36.90	26.63#
0.00	0.00	0.00

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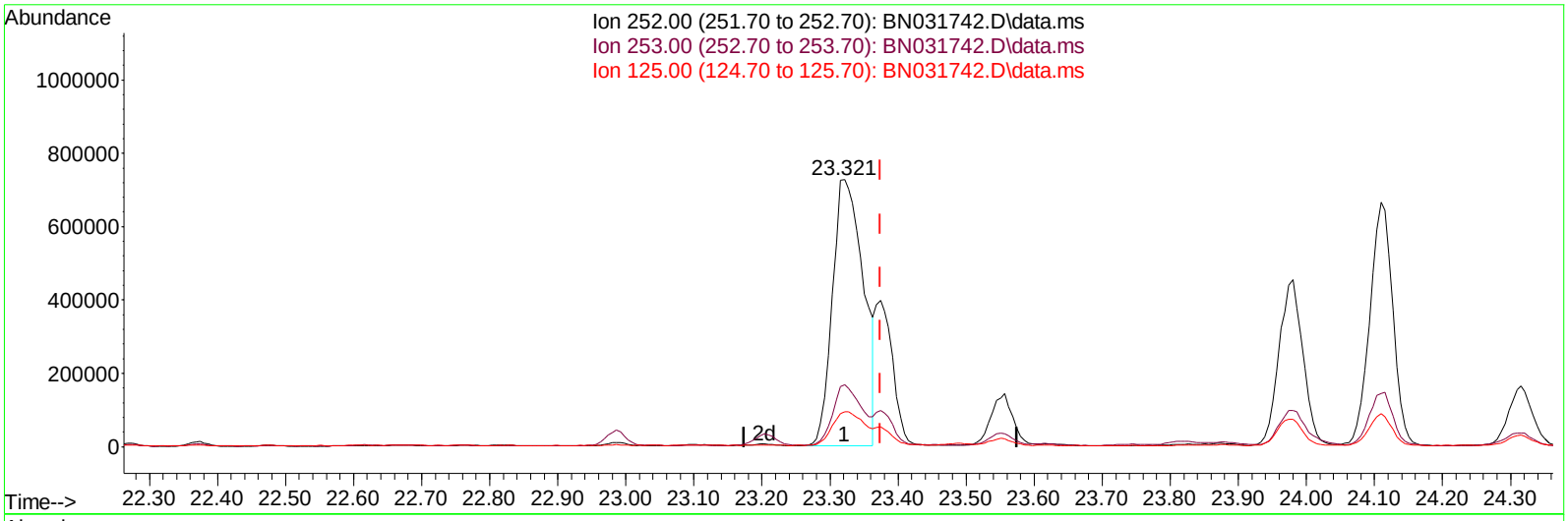

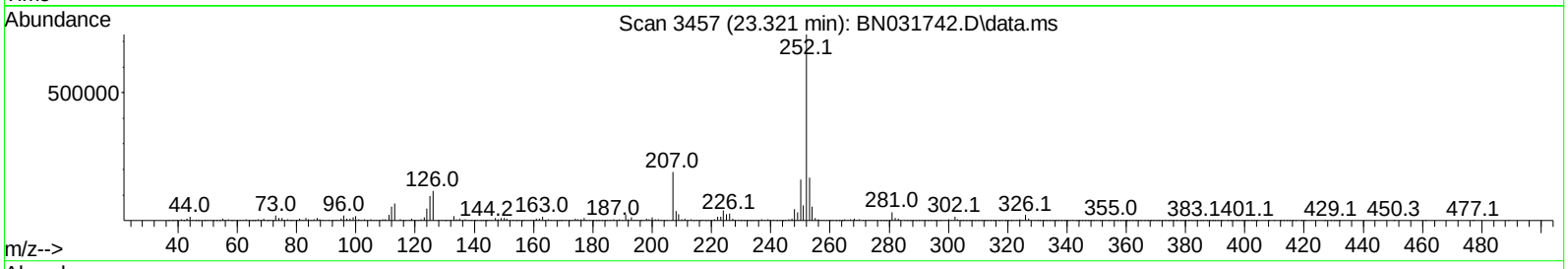

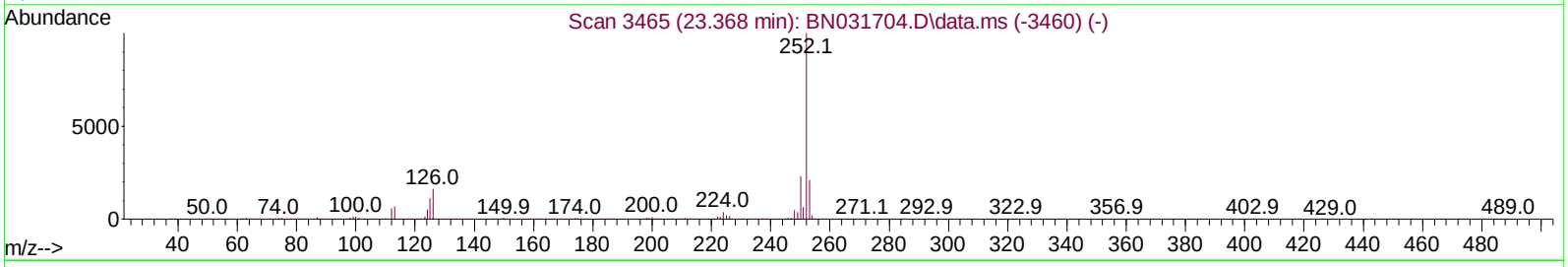

TIC: BN031742.D\data.ms

(91) Benzo(k)fluoranthene

23.321min (-0.053) 27.37 ng/ul

response 2288727

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.24
125.00	11.80	13.16
0.00	0.00	0.00

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ClientSampleId :
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Manual IntegrationsAPPROVED

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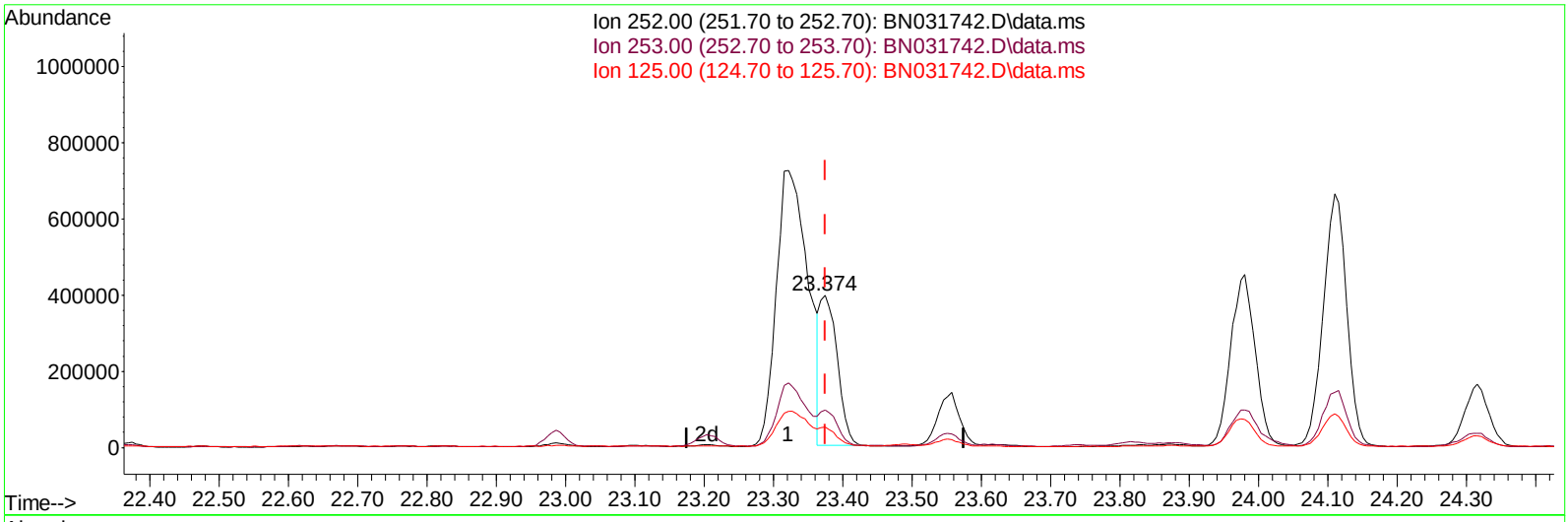

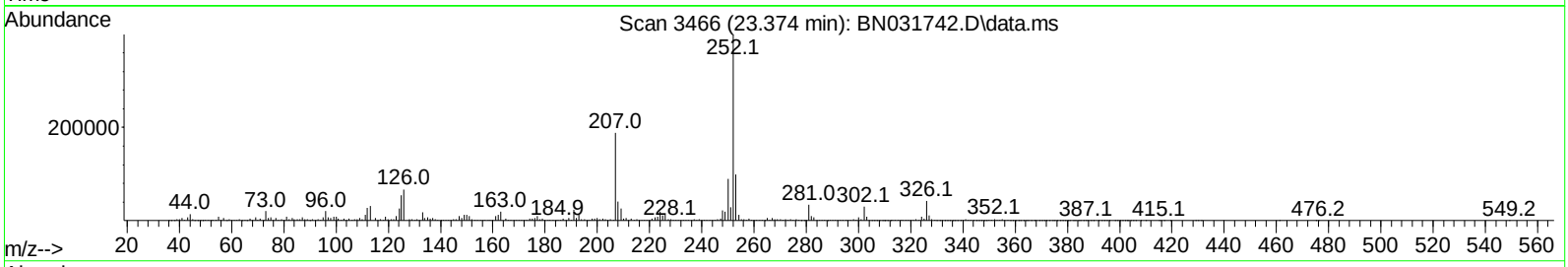

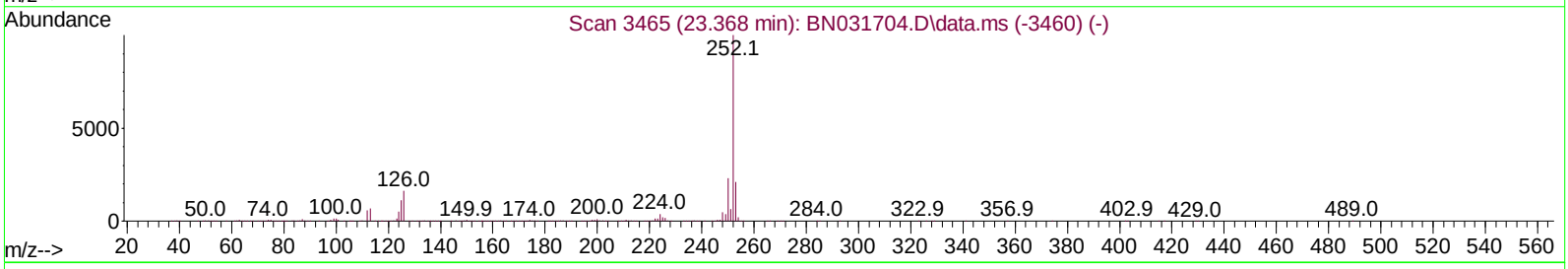

TIC: BN031742.D\data.ms

(91) Benzo(k)fluoranthene

23.374min (-0.000) 8.22 ng/ul m

response 687413

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	24.70
125.00	11.80	13.44
0.00	0.00	0.00

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Operator : MA/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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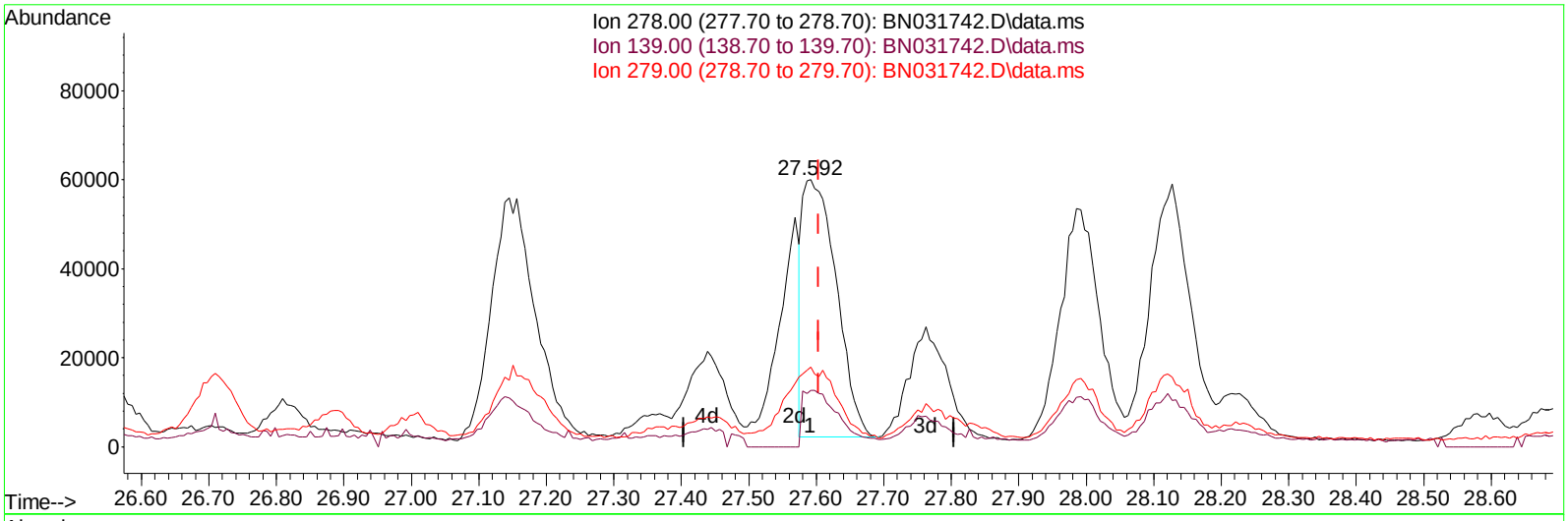
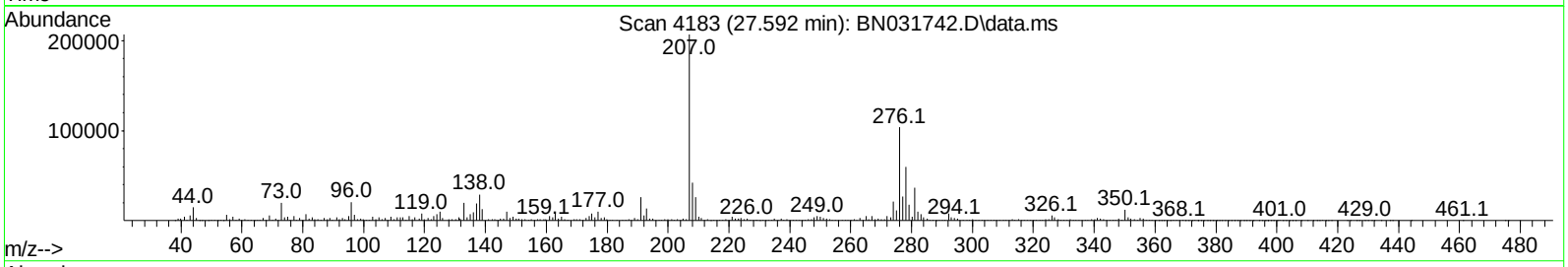
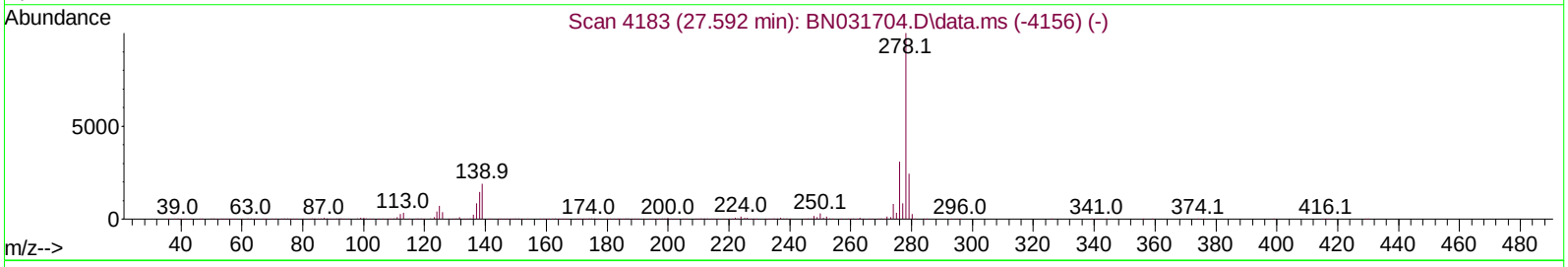
Supervised By :mohammad ahmed 06/04/2024







TIC: BN031742.D\data.ms

(95) Dibenzo(a,h)anthracene

27.592min (-0.012) 2.68 ng/ul

response 201407

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.80	21.19
279.00	21.70	29.83#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
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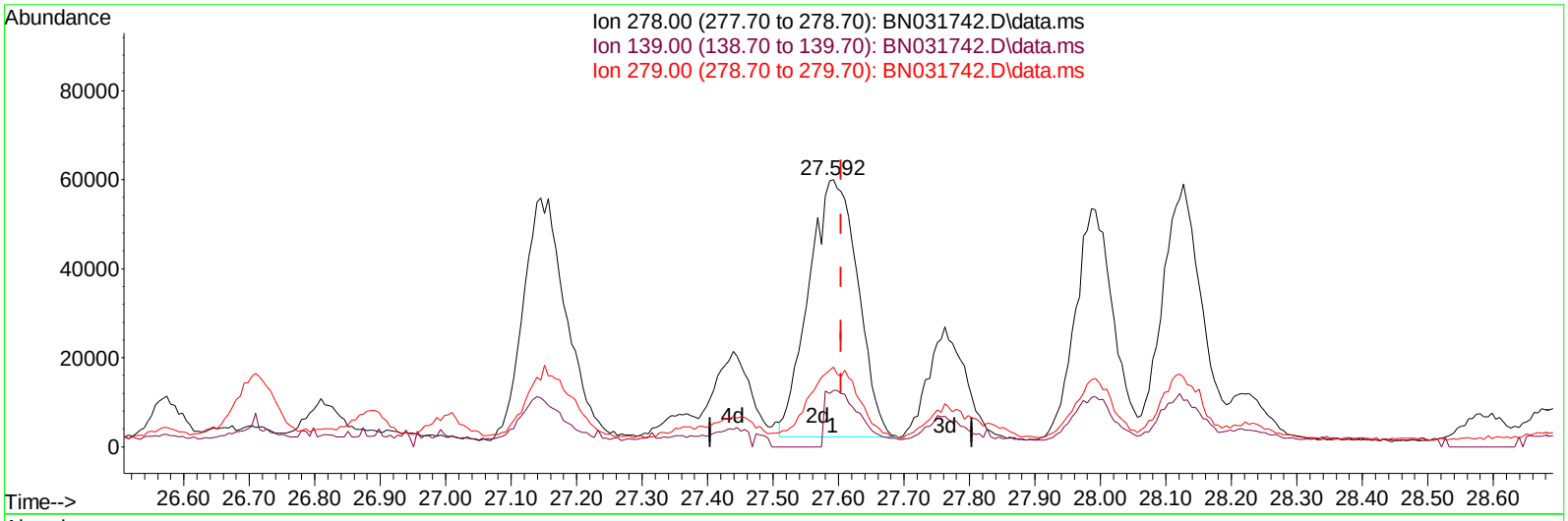

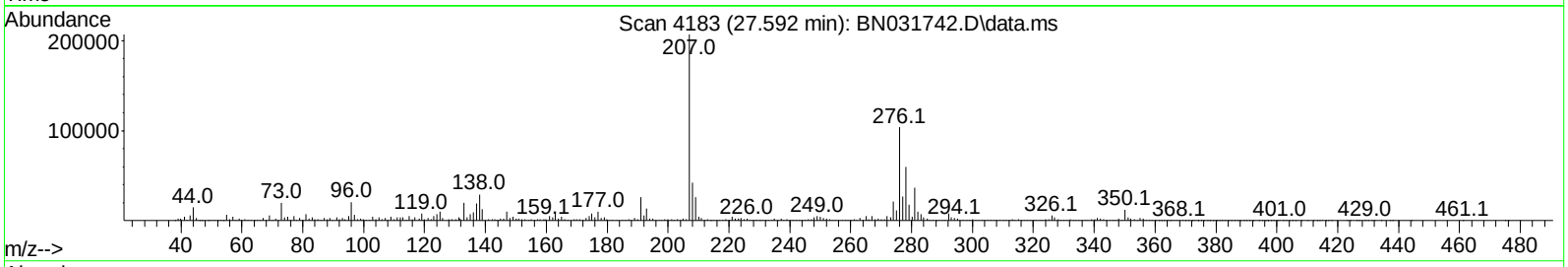

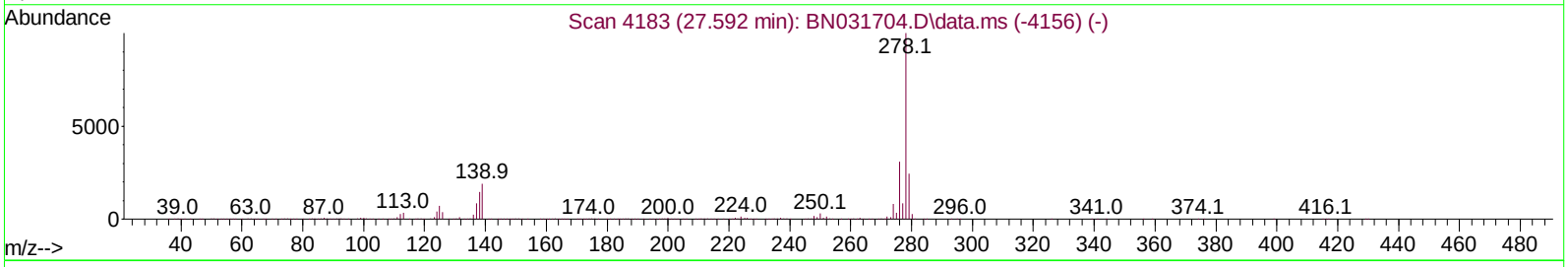

TIC: BN031742.D\data.ms

(95) Dibenzo(a,h)anthracene

27.592min (-0.012) 4.02 ng/ul m

response 301463

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.80	21.19
279.00	21.70	29.83#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	7.681	152	475837	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	2061101	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	1238964	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	2177706	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1243443	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1425458	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	42660	3.709	ng/uL	0.00
4) Pyridine-d5	3.599	84	295468	9.126	ng/ul	0.00
7) Phenol-d5	6.852	99	908418	22.269	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	527596	22.112	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	738102	23.714	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	598272	17.992	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	382723	24.286	ng/ul	0.00
24) 2-Nitrophenol-d4	9.551	143	402562	24.729	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	706426	23.244	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	422631	9.366	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	2142126	24.818	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	2463890	24.826	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	233881	13.533	ng/ul	0.00
60) Fluorene-d10	15.322	176	1792601	24.546	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	133402m	12.187	ng/ul	0.00
73) Anthracene-d10	17.169	188	2419212	25.948	ng/ul	0.00
81) Pyrene-d10	19.469	212	2156528	32.410	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.045	264	1681479	24.704	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.045	152	253012	2.256	ng/ul	98
72) Phenanthrene	17.116	178	1683499	15.176	ng/ul	97
74) Anthracene	17.204	178	303110	2.697	ng/ul	99
77) Carbazole	17.475	167	145412	1.517	ng/ul	98
78) Di-n-butylphthalate	18.045	149	144195	1.093	ng/ul	99
80) Fluoranthene	19.133	202	3644749	45.834	ng/ul	99
82) Pyrene	19.498	202	3330741	40.824	ng/ul	99
83) Butylbenzylphthalate	20.410	149	141980	3.684	ng/ul	94
85) Benzo(a)anthracene	21.292	228	1512733	18.176	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.221	149	680493	12.114	ng/ul	98
87) Chrysene	21.351	228	1618852	20.823	ng/ul	95
90) Benzo(b)fluoranthene	23.321	252	2288727	26.862	ng/ul	96
91) Benzo(k)fluoranthene	23.374	252	687413m	8.222	ng/ul	
93) Benzo(a)pyrene	24.110	252	1562842	19.584	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.551	276	1183989	12.876	ng/ul	98
95) Dibenzo(a,h)anthracene	27.592	278	301463m	4.015	ng/ul	
96) Benzo(g,h,i)perylene	28.592	276	1000354	13.685	ng/ul	97

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

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