Quantitation Report (Qedit)

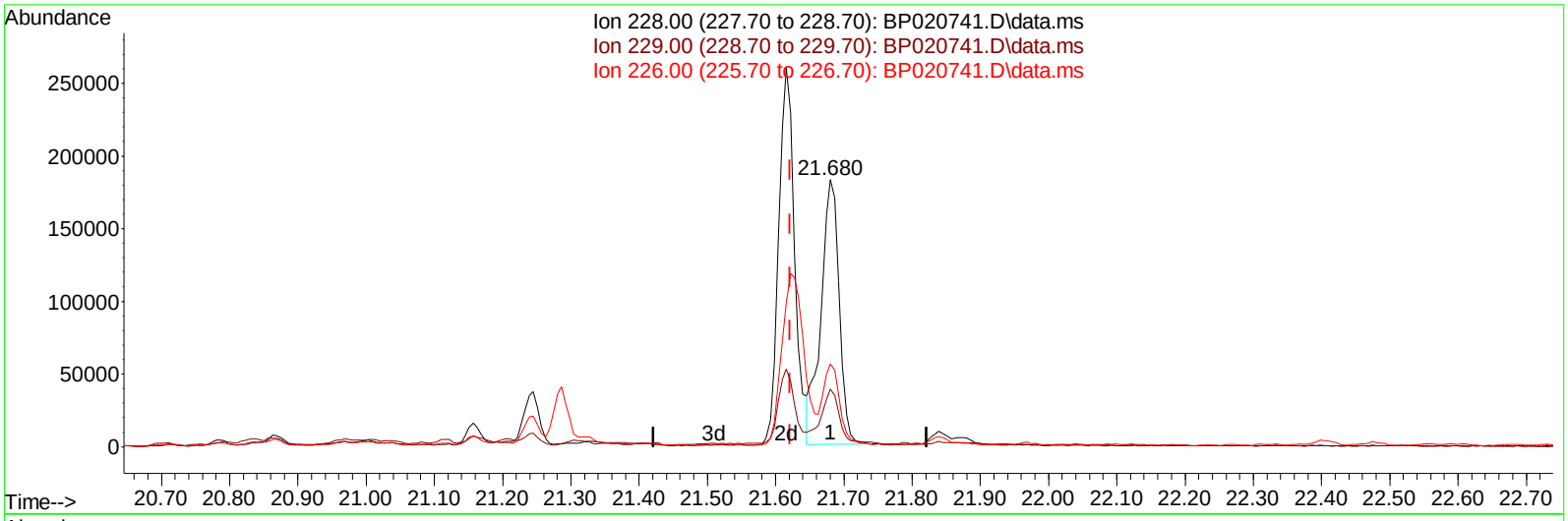
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020741.D
Acq On : 02 Jul 2024 08:00
Operator : MA/JU
Sample : P2962-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

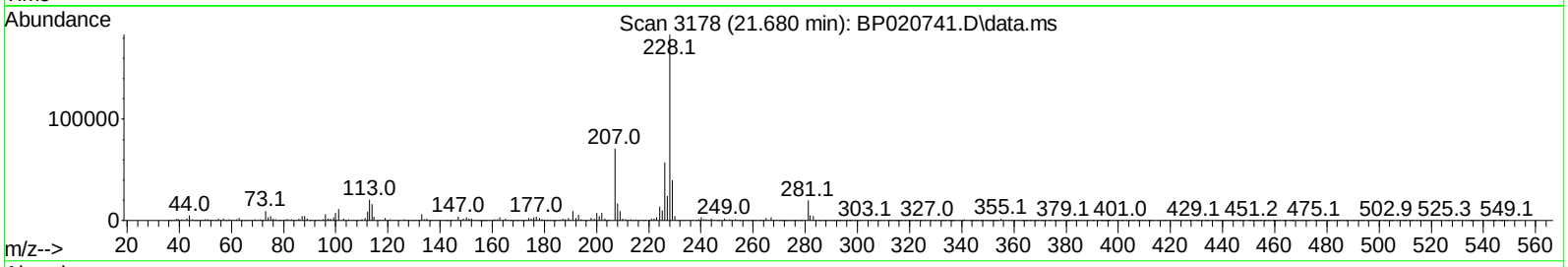
Quant Time: Jul 02 08:28:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

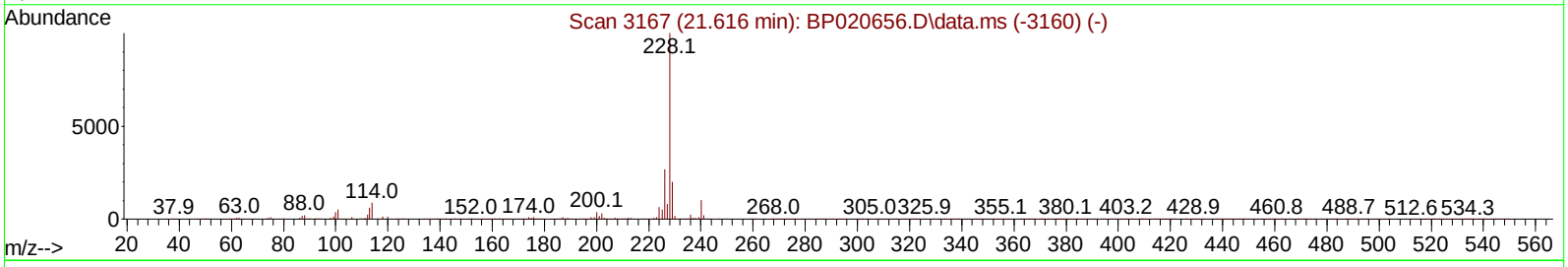
Instrument :
BNA_P
ClientSampleId :
C0T79

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024







TIC: BP020741.D\data.ms

(85) Benzo(a)anthracene

21.680min (+ 0.059) 4.96 ng/ul

response 338046

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.00	21.64
226.00	26.40	31.10
0.00	0.00	0.00

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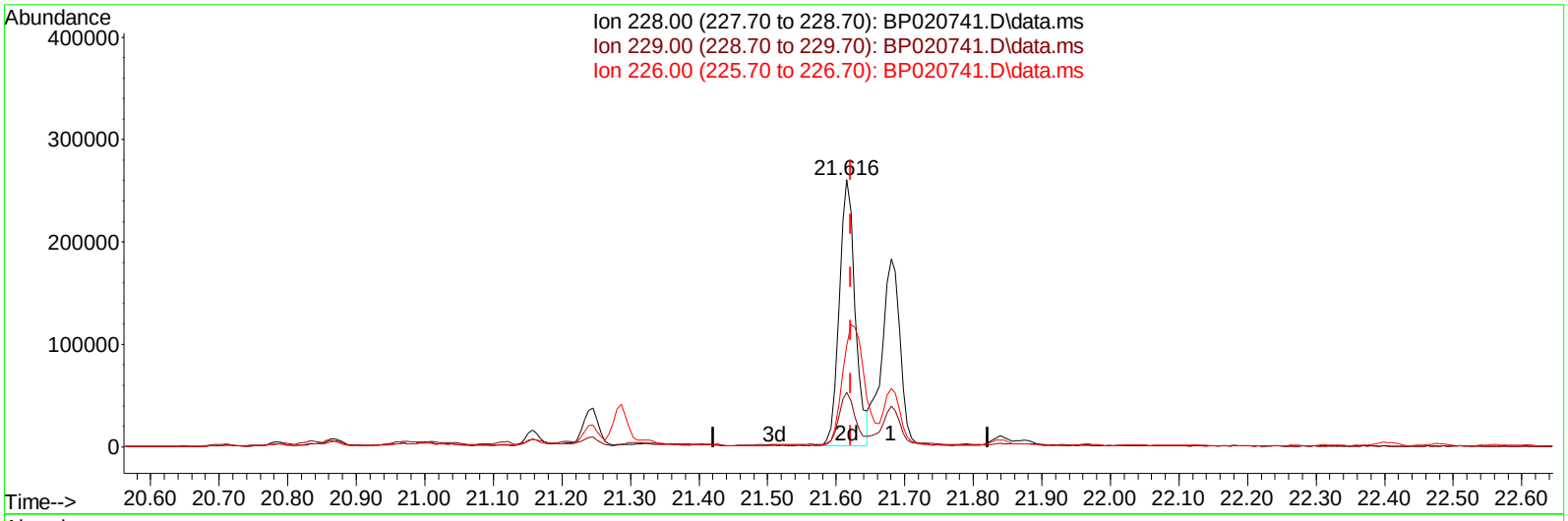

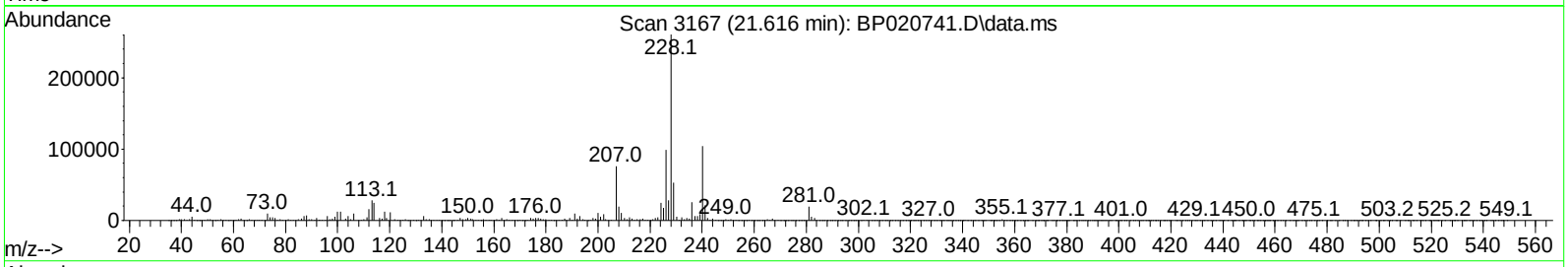

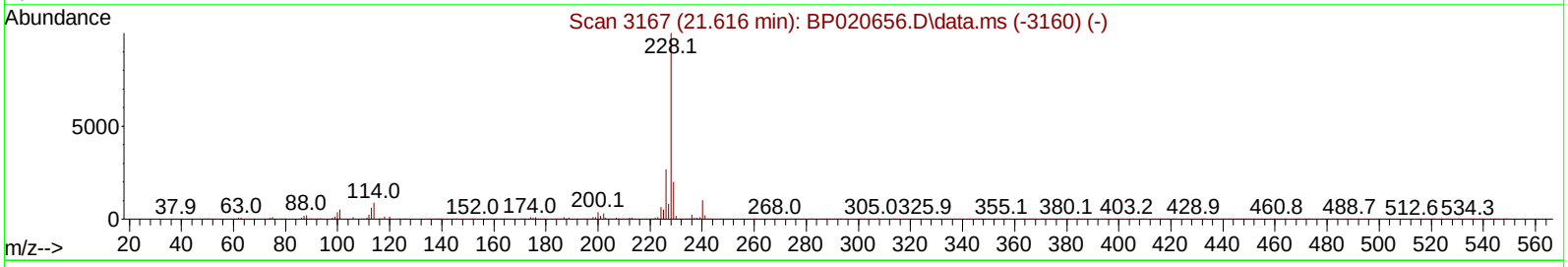

TIC: BP020741.D\data.ms

(85) Benzo(a)anthracene

21.616min (-0.006) 6.18 ng/ul m

response 421606

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.00	20.48
226.00	26.40	37.91#
0.00	0.00	0.00

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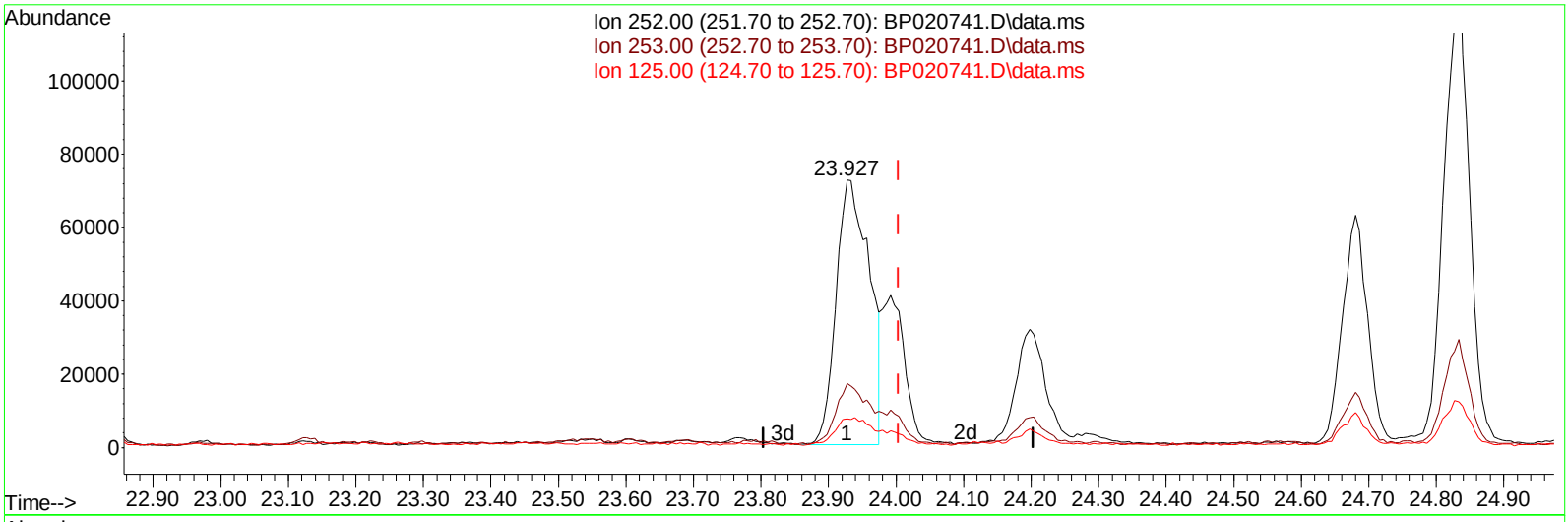

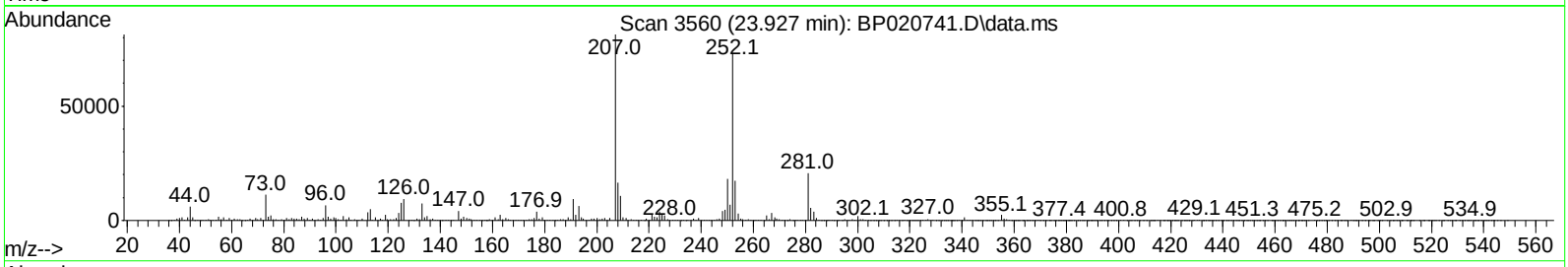

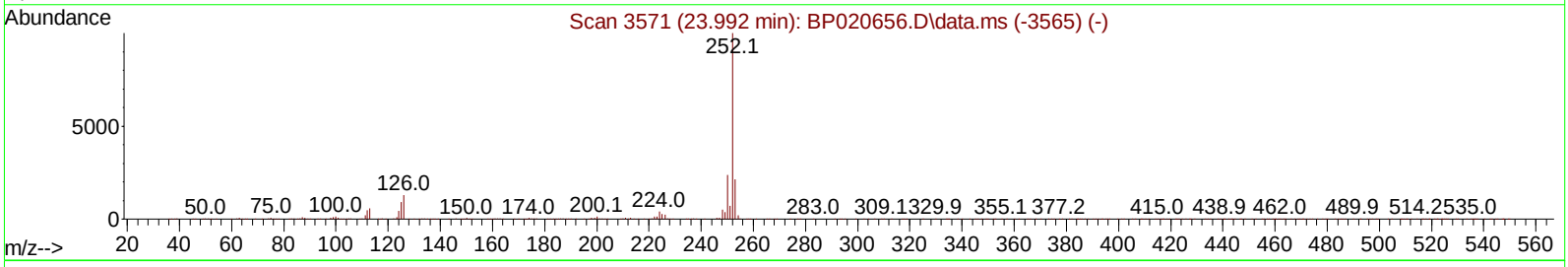

TIC: BP020741.D\data.ms

(91) Benzo(k)fluoranthene

23.927min (-0.076) 3.52 ng/ul

response 247149

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.91
125.00	9.90	10.69
0.00	0.00	0.00

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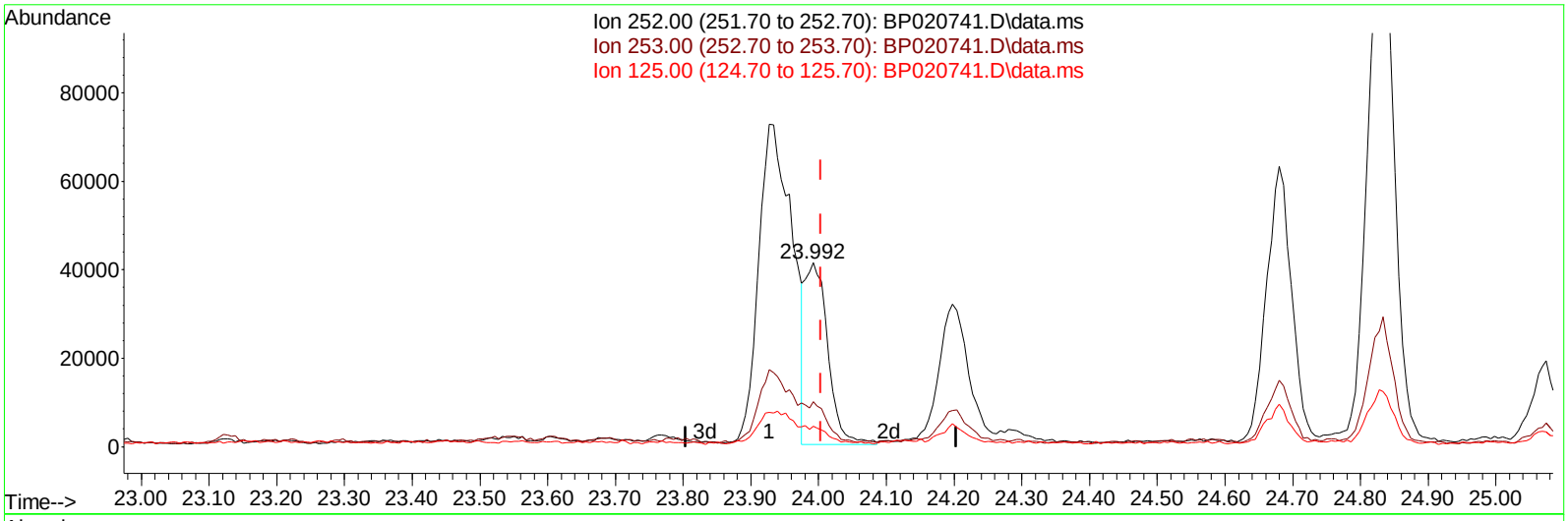

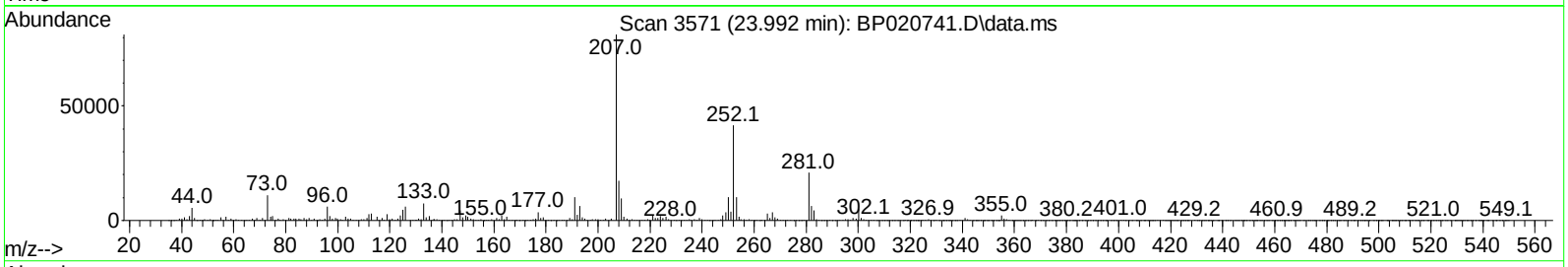

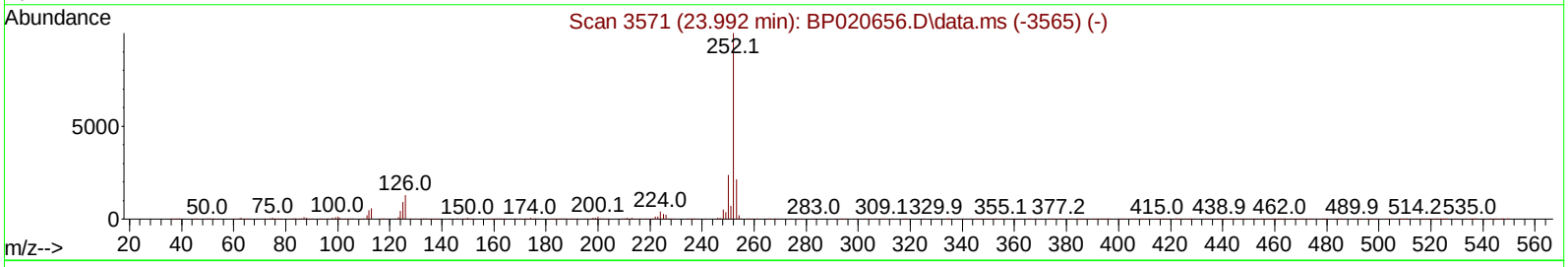

TIC: BP020741.D\data.ms

(91) Benzo(k)fluoranthene

23.992min (-0.012) 1.38 ng/ul m

response 96561

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	24.63
125.00	9.90	11.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
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Acq On : 02 Jul 2024 08:00
Operator : MA/JU
Sample : P2962-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jul 02 08:30:10 2024
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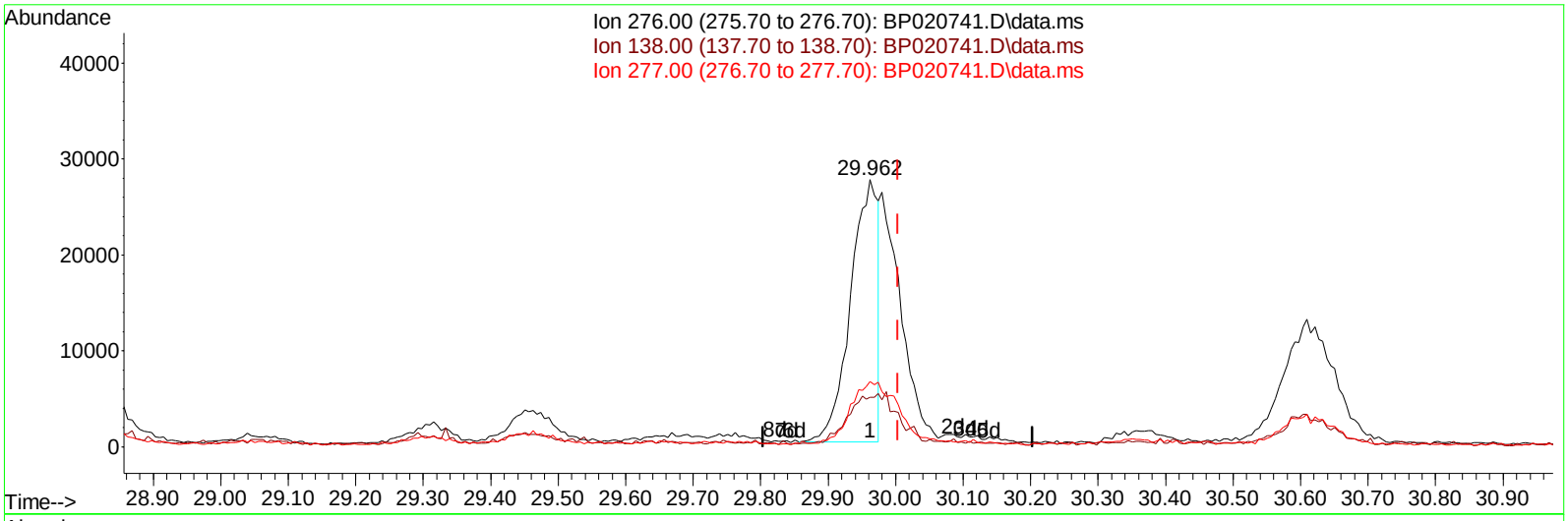

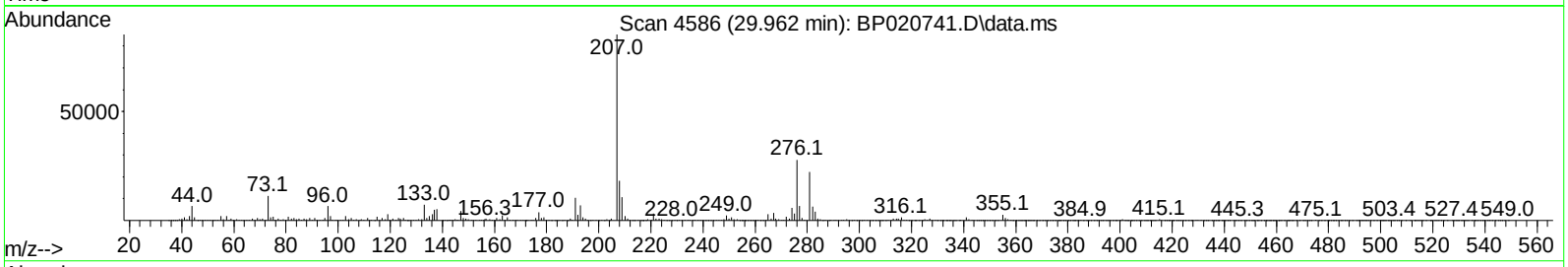

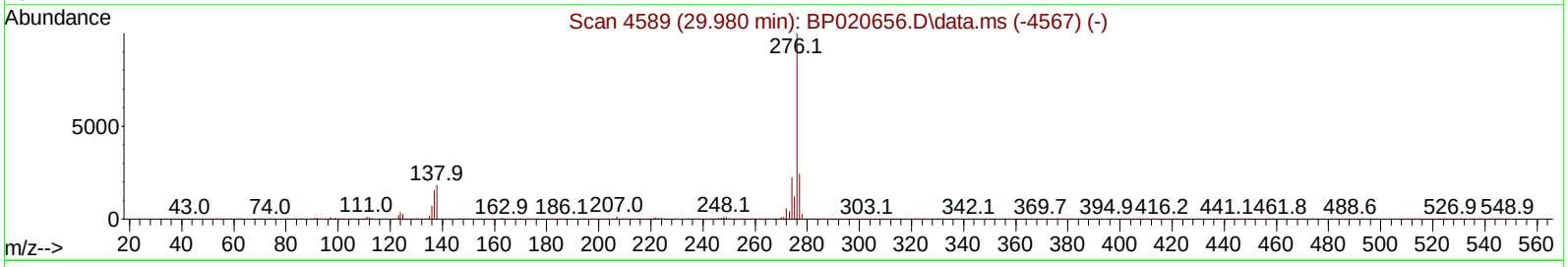

TIC: BP020741.D\data.ms

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

29.962min (-0.041) 1.13 ng/ul

response 77419

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.50	18.51
277.00	23.40	24.32
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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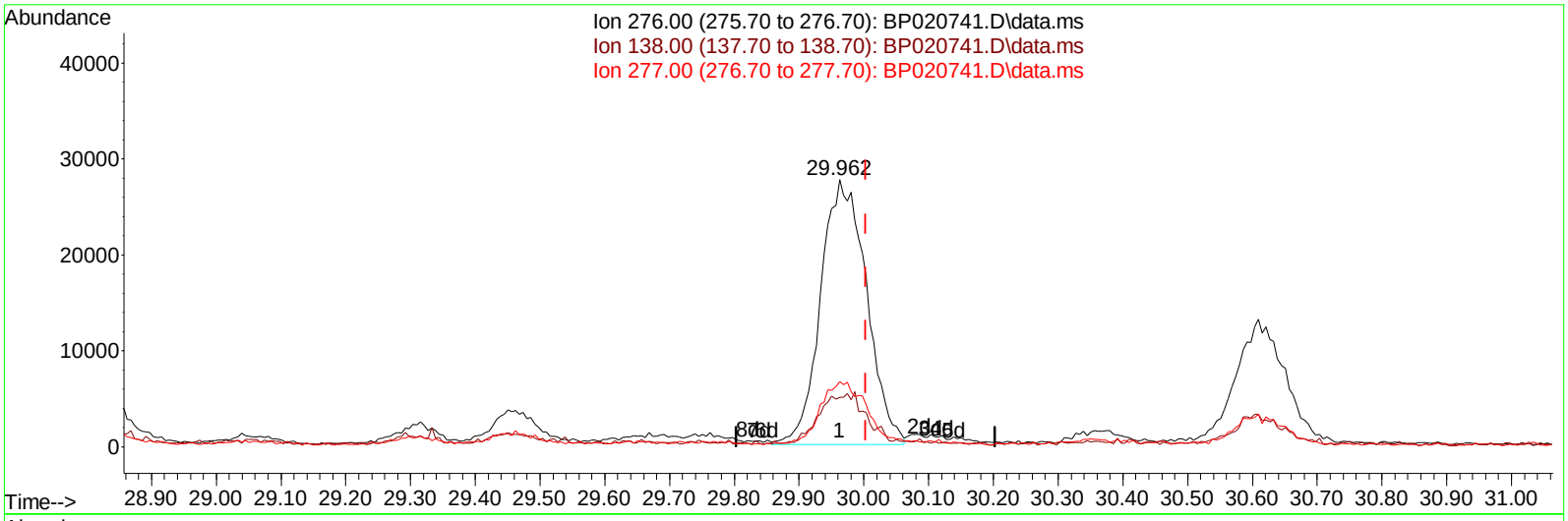

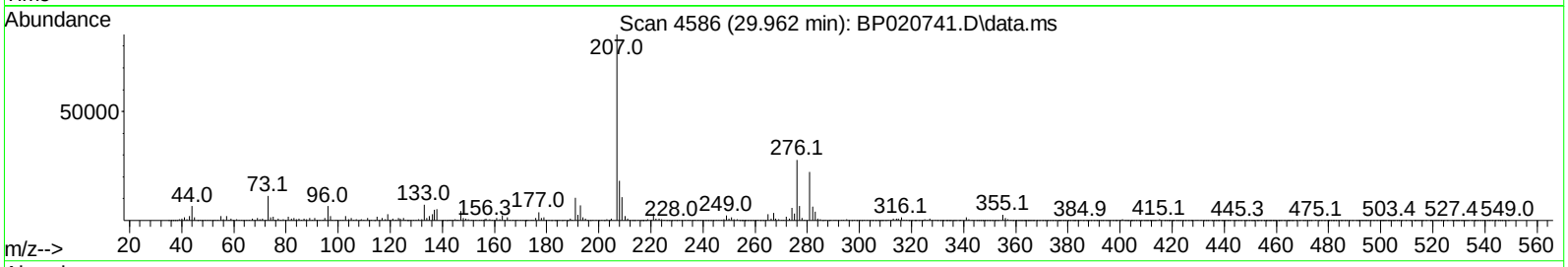

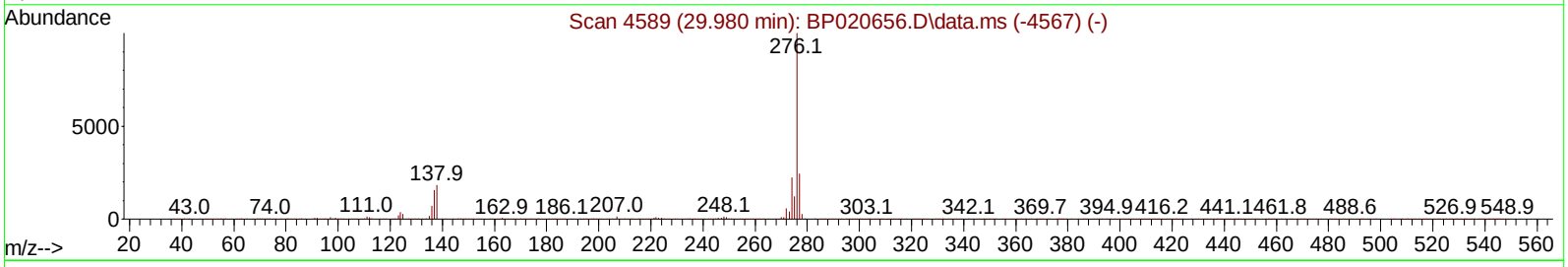

TIC: BP020741.D\data.ms

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

29.962min (-0.041) 1.97 ng/ul m

response 135269

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.50	18.51
277.00	23.40	24.32
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	252150	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.510	136	1023189	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.375	164	622954	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	1125933	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	973214	20.000	ng/ul	0.00
88) Perylene-d12	24.998	264	1145154	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	25019	4.261	ng/uL	0.00
4) Pyridine-d5	3.687	84	363722	21.254	ng/ul	0.00
7) Phenol-d5	6.922	99	518908	25.091	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	330309	25.193	ng/ul	0.00
11) 2-Chlorophenol-d4	7.281	132	433143	25.626	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	446496	26.583	ng/ul	0.00
21) Nitrobenzene-d5	8.893	128	224675	29.742	ng/ul	0.00
24) 2-Nitrophenol-d4	9.610	143	256450	33.924	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	435006	27.935	ng/ul	0.00
31) 4-Chloroaniline-d4	10.652	131	588402	26.963	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	1352926	31.236	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	1507641	29.171	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	156125	23.591	ng/ul	0.00
60) Fluorene-d10	15.387	176	1079136	29.608	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	125180	22.062	ng/ul	0.01
73) Anthracene-d10	17.287	188	1491698	29.520	ng/ul	0.00
81) Pyrene-d10	19.669	212	1612585	27.581	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.763	264	1725287	30.972	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.563	128	5233575	95.564	ng/ul	99
36) 2-Methylnaphthalene	12.175	142	1543413	42.072	ng/ul	99
37) 1-Methylnaphthalene	12.393	142	908055	24.213	ng/ul	99
43) 1,1'-Biphenyl	13.198	154	210241	4.513	ng/ul	98
50) Acenaphthylene	14.087	152	1060766	18.170	ng/ul	99
52) Acenaphthene	14.440	153	119928	3.097	ng/ul	99
56) Dibenzofuran	14.781	168	64917	1.244	ng/ul	93
61) Fluorene	15.440	166	468717	11.179	ng/ul	99
72) Phenanthrene	17.228	178	2086794	35.393	ng/ul	100
74) Anthracene	17.322	178	557197	9.187	ng/ul	99
80) Fluoranthene	19.316	202	779551	10.915	ng/ul	99
82) Pyrene	19.698	202	1169915	15.973	ng/ul	98
85) Benzo(a)anthracene	21.616	228	421606m	6.181	ng/ul	
87) Chrysene	21.680	228	338046	5.243	ng/ul	97
90) Benzo(b)fluoranthene	23.927	252	247149	3.563	ng/ul	96
91) Benzo(k)fluoranthene	23.992	252	96561m	1.376	ng/ul	
93) Benzo(a)pyrene	24.833	252	330814	5.051	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.792	276	119744	1.426	ng/ul	98
96) Benzo(g,h,i)perylene	29.962	276	135269m	1.972	ng/ul	

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

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