

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
 Data File : BP020778.D
 Acq On : 03 Jul 2024 20:54
 Operator : MA/JU
 Sample : P2964-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B49

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 23:06:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	160151	20.000	ng/u1	0.00
20) Naphthalene-d8	10.505	136	654796	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.369	164	441052	20.000	ng/u1	0.02
64) Phenanthrene-d10	17.175	188	920774	20.000	ng/u1	0.01
79) Chrysene-d12	21.633	240	851371	20.000	ng/u1	0.01
88) Perylene-d12	24.986	264	990586	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	12565	3.369	ng/uL	0.00
4) Pyridine-d5	3.699	84	10658m	0.981	ng/u1	0.02
7) Phenol-d5	6.922	99	226642	17.254	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	148167	17.793	ng/u1	0.00
11) 2-Chlorophenol-d4	7.275	132	204694	19.067	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	142395	13.348	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	98189	20.311	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	112586	23.272	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	196038	19.672	ng/u1	0.01
31) 4-Chloroaniline-d4	10.640	131	104166	7.459	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	636634	20.760	ng/u1	0.02
49) Acenaphthylene-d8	14.063	160	713485	19.498	ng/u1	0.02
54) 4-Nitrophenol-d4	14.598	143	70562	15.060	ng/u1	0.02
60) Fluorene-d10	15.375	176	563089	21.821	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	64076	13.809	ng/u1	0.01
73) Anthracene-d10	17.275	188	875890	21.195	ng/u1	0.01
81) Pyrene-d10	19.657	212	942493	18.427	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.745	264	712157	14.779	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.216	178	263493	5.465	ng/u1	98
80) Fluoranthene	19.310	202	608456	9.739	ng/u1	100
82) Pyrene	19.686	202	429477	6.703	ng/u1	99
85) Benzo(a)anthracene	21.616	228	252993	4.240	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.539	149	72118	1.952	ng/u1#	98
87) Chrysene	21.680	228	311836	5.528	ng/u1	96
90) Benzo(b)fluoranthene	23.922	252	425315	7.087	ng/u1	97
91) Benzo(k)fluoranthene	23.980	252	147053m	2.422	ng/u1	
93) Benzo(a)pyrene	24.810	252	140196	2.475	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.786	276	143148	1.970	ng/u1	96

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

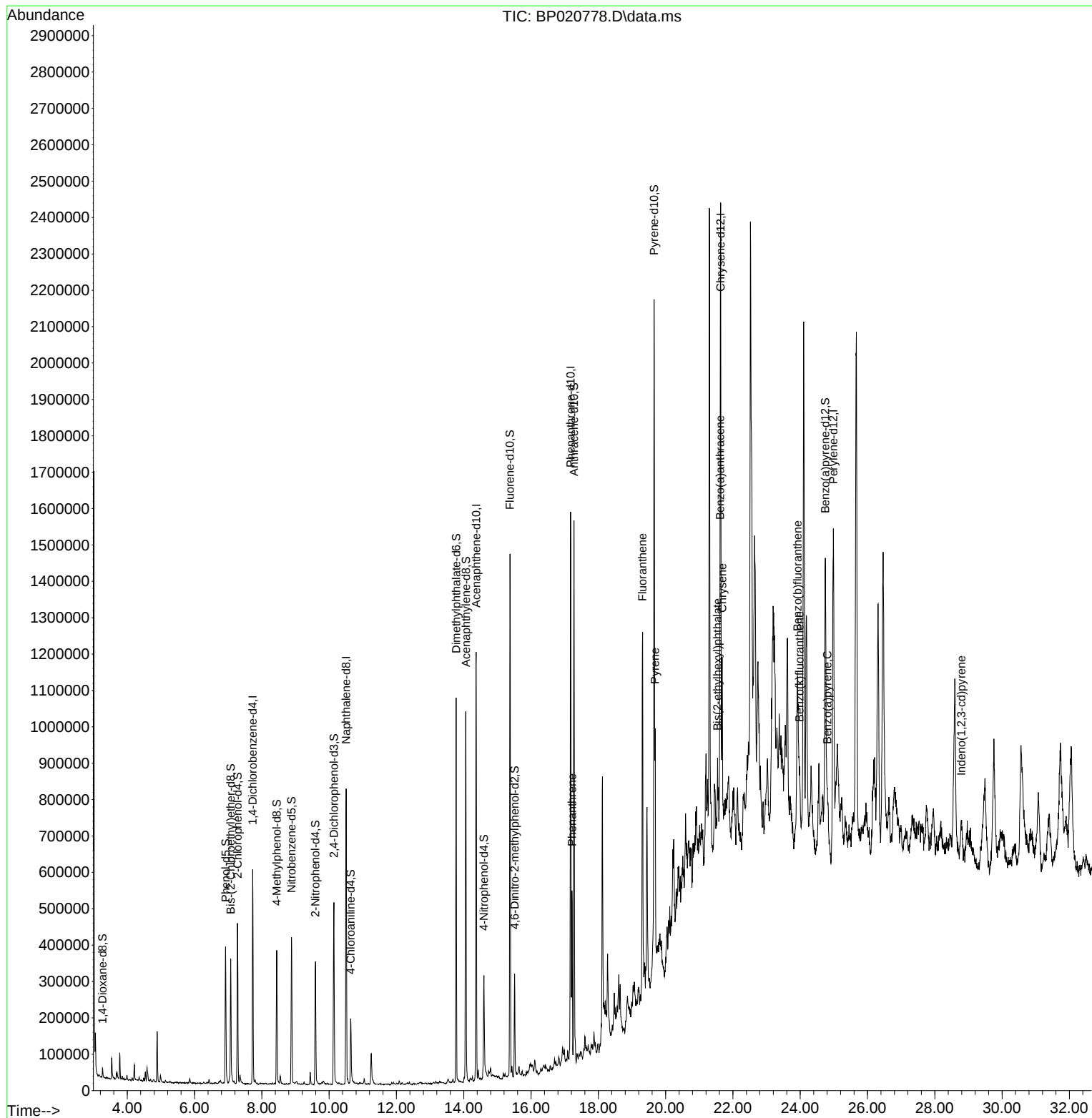
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
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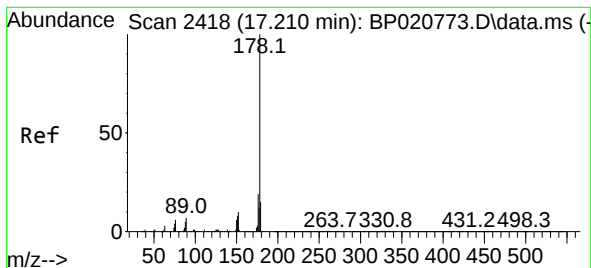
Instrument :
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#72

Phenanthrene

Concen: 5.465 ng/ul

RT: 17.216 min Scan# 2419

Delta R.T. 0.012 min

Lab File: BP020778.D

Acq: 03 Jul 2024 20:54

Instrument :

BNA_P

ClientSampleId :

A4B49

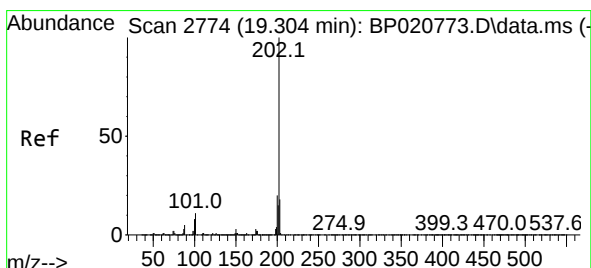
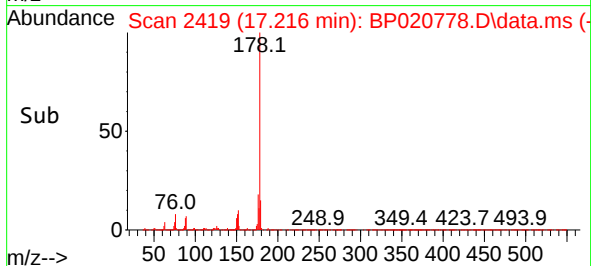
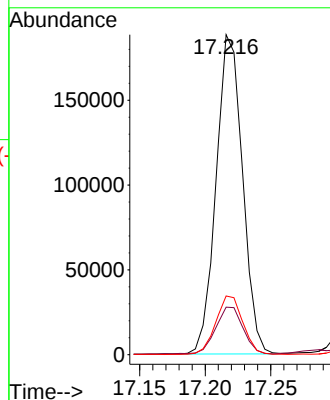
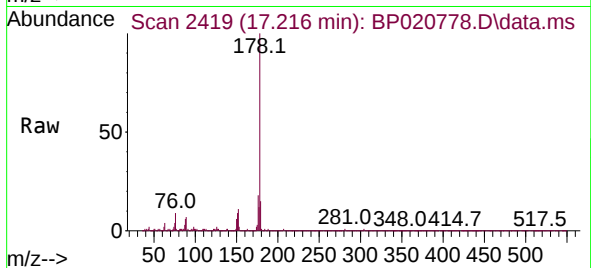
Tgt Ion:	178	Resp:	26349
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.4	18.6
176	18.3	15.4	23.2

Manual Integrations

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#80

Fluoranthene

Concen: 9.739 ng/ul

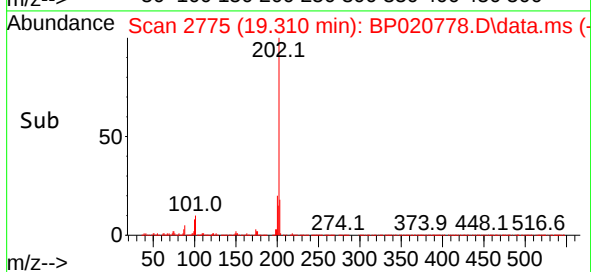
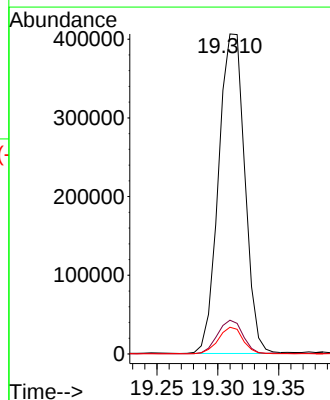
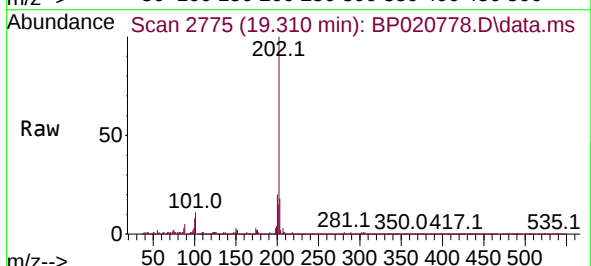
RT: 19.310 min Scan# 2775

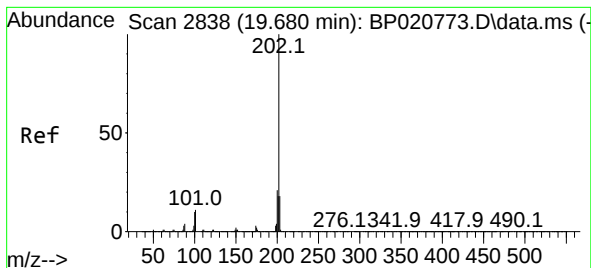
Delta R.T. 0.012 min

Lab File: BP020778.D

Acq: 03 Jul 2024 20:54

Tgt Ion:	202	Resp:	608456
Ion Ratio	Lower	Upper	
202	100		
101	10.6	8.2	12.4
100	8.4	6.6	10.0





#82

Pyrene

Concen: 6.703 ng/ul

RT: 19.686 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020778.D

Acq: 03 Jul 2024 20:54

Instrument :

BNA_P

ClientSampleId :

A4B49

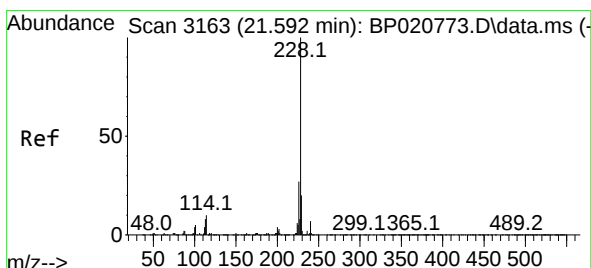
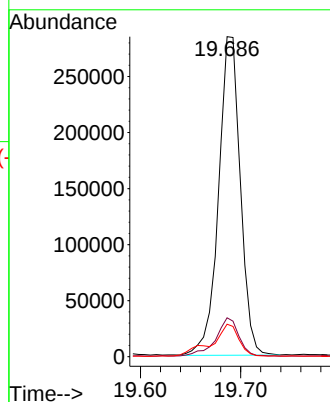
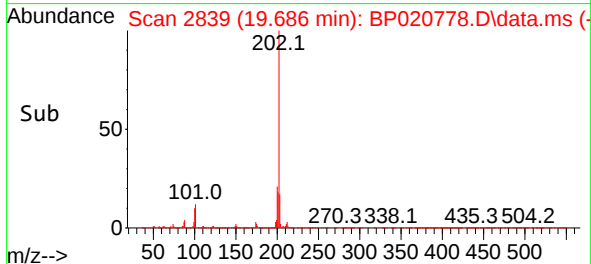
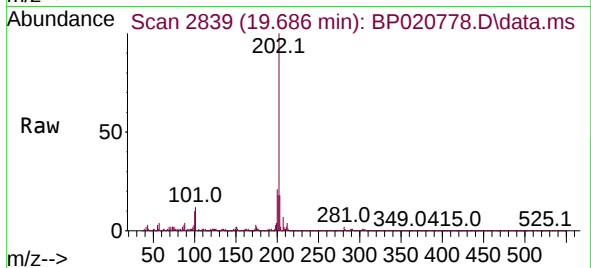
Tgt Ion:	202	Resp:	42947
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.8	14.8
100	10.2	7.9	11.9

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#85

Benzo(a)anthracene

Concen: 4.240 ng/ul

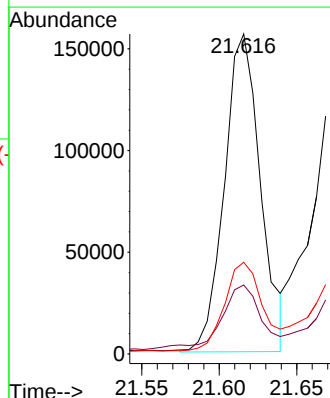
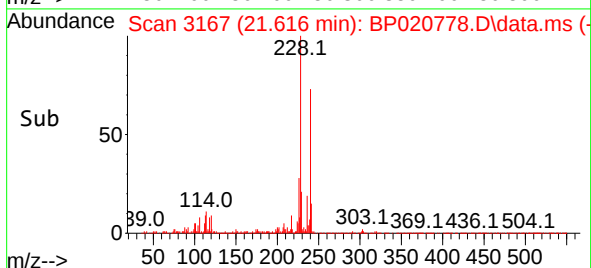
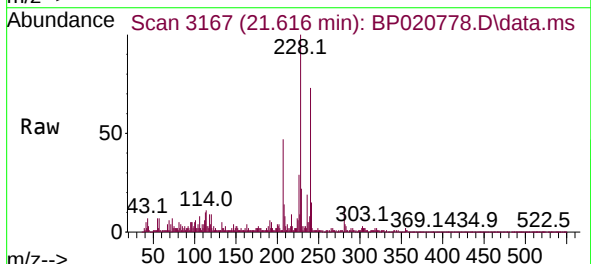
RT: 21.616 min Scan# 3167

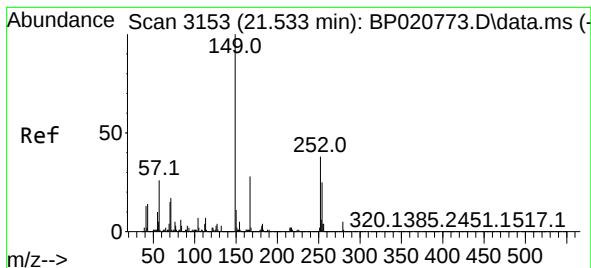
Delta R.T. 0.018 min

Lab File: BP020778.D

Acq: 03 Jul 2024 20:54

Tgt Ion:	228	Resp:	252993
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.2	22.8
226	28.6	21.1	31.7





#86

Bis(2-ethylhexyl)phthalate

Concen: 1.952 ng/ul

RT: 21.539 min Scan# 3153

Delta R.T. 0.000 min

Lab File: BP020778.D

Acq: 03 Jul 2024 20:54

Instrument :

BNA_P

ClientSampleId :

A4B49

Tgt Ion:149 Resp: 72118

Ion Ratio Lower Upper

149 100

167 26.8 22.0 33.0

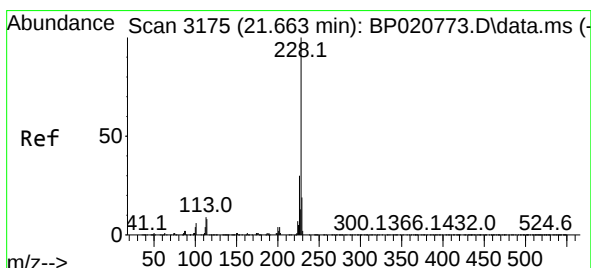
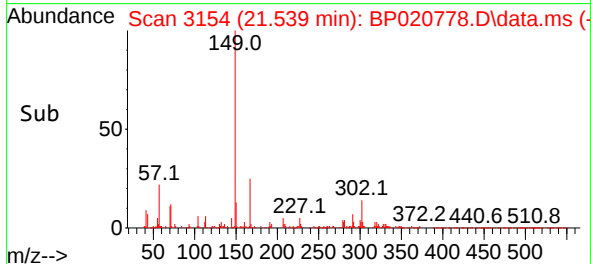
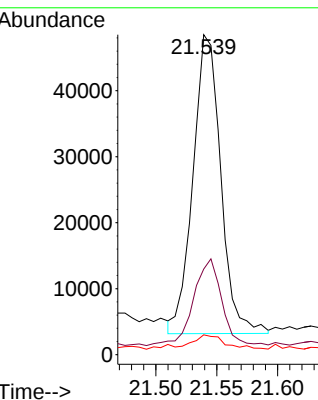
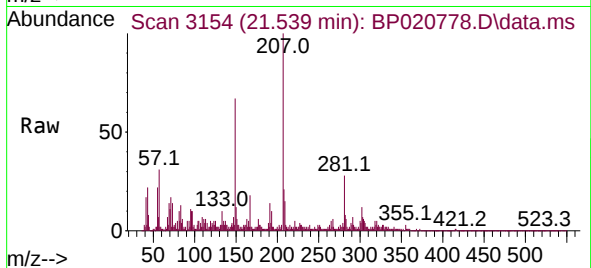
279 6.2 3.3 4.9

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#87

Chrysene

Concen: 5.528 ng/ul

RT: 21.680 min Scan# 3178

Delta R.T. 0.012 min

Lab File: BP020778.D

Acq: 03 Jul 2024 20:54

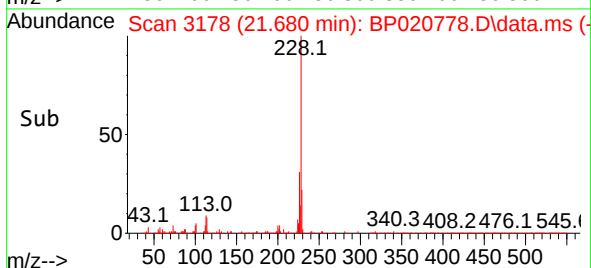
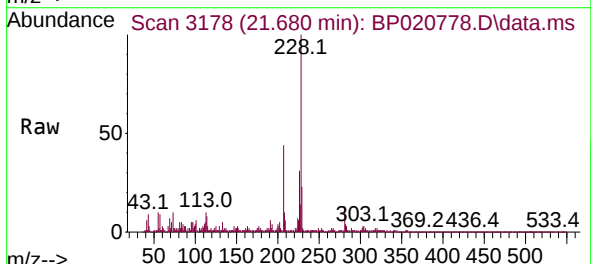
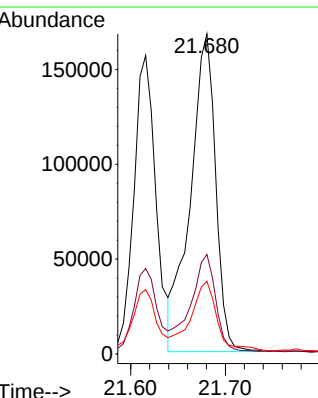
Tgt Ion:228 Resp: 311836

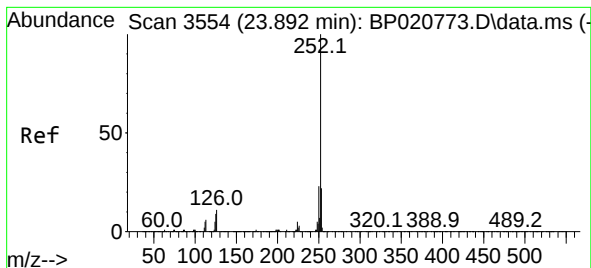
Ion Ratio Lower Upper

228 100

226 31.1 23.8 35.6

229 22.7 16.1 24.1





#90

Benzo(b)fluoranthene

Concen: 7.087 ng/ul

RT: 23.922 min Scan# 3554

Delta R.T. 0.018 min

Lab File: BP020778.D

Acq: 03 Jul 2024 20:54

Instrument :

BNA_P

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A4B49

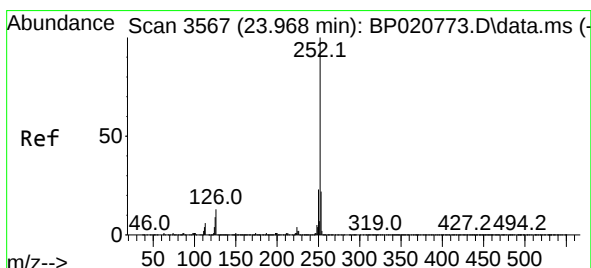
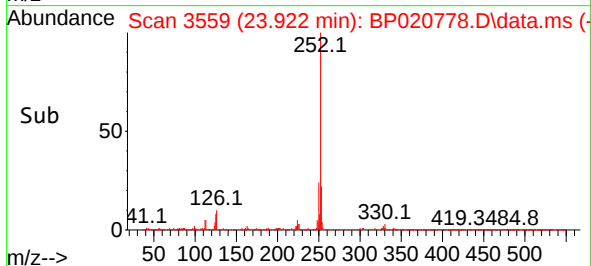
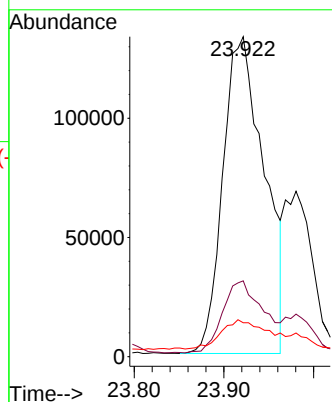
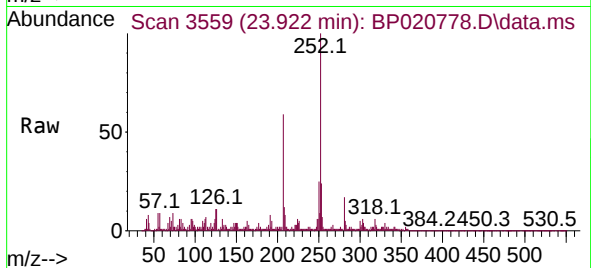
Tgt Ion:	252	Resp:	42531
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.5	26.3
125	10.6	7.9	11.9

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 2.422 ng/ul m

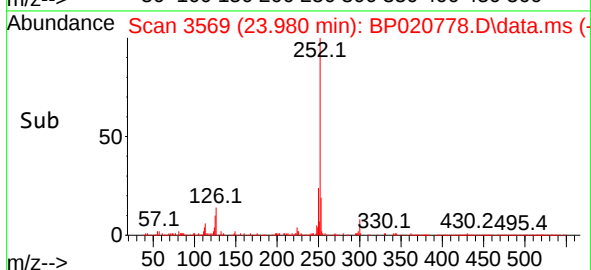
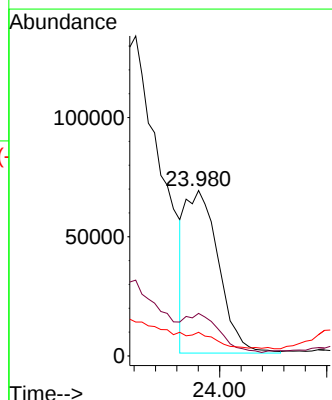
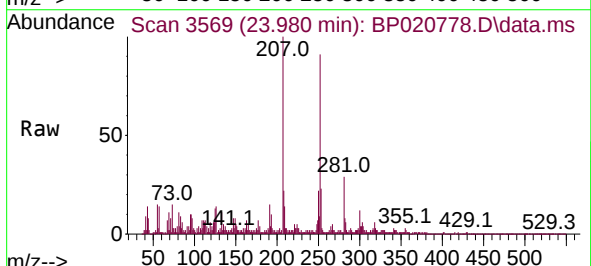
RT: 23.980 min Scan# 3569

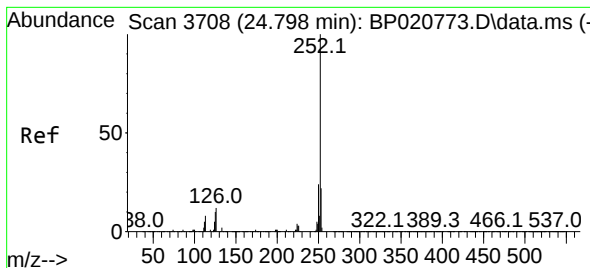
Delta R.T. 0.006 min

Lab File: BP020778.D

Acq: 03 Jul 2024 20:54

Tgt Ion:	252	Resp:	147053
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.6	26.4
125	14.4	7.9	11.9





#93

Benzo(a)pyrene

Concen: 2.475 ng/ul

RT: 24.810 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP020778.D

Acq: 03 Jul 2024 20:54

Instrument :

BNA_P

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A4B49

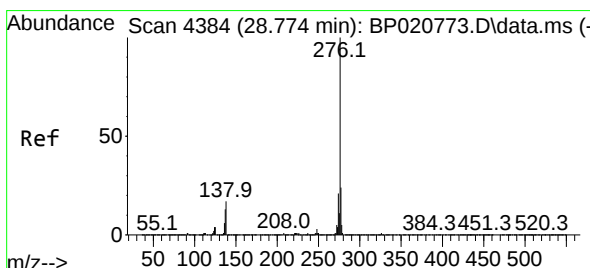
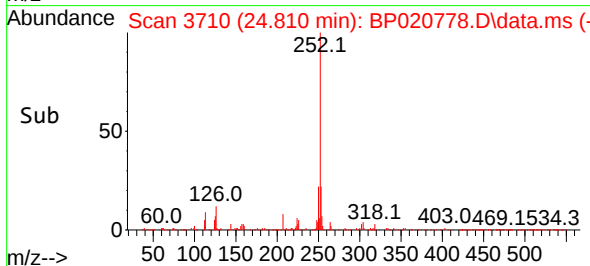
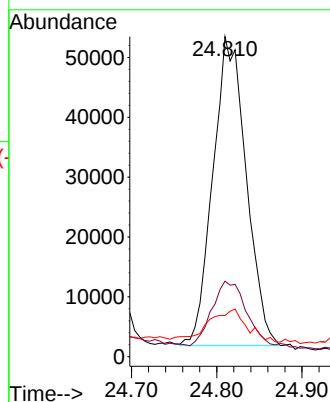
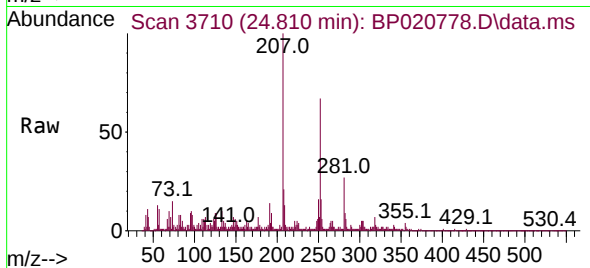
Tgt Ion:	252	Resp:	140190
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.2
125	12.8	8.7	13.1

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.970 ng/ul

RT: 28.786 min Scan# 4386

Delta R.T. 0.024 min

Lab File: BP020778.D

Acq: 03 Jul 2024 20:54

Tgt Ion:	276	Resp:	143148
Ion Ratio	Lower	Upper	
276	100		
138	17.9	15.2	22.8
277	26.4	19.0	28.4

