

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020801.D
 Acq On : 06 Jul 2024 00:29
 Operator : MA/JU
 Sample : P2964-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B49

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 06 01:12:28 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	7.722	152	183298	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.499	136	760073	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	502352	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1077572	20.000	ng/u1	0.00
79) Chrysene-d12	21.610	240	975621	20.000	ng/u1	-0.01
88) Perylene-d12	24.962	264	1157062	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	11935	2.796	ng/uL	0.00
4) Pyridine-d5	3.693	84	7594m	0.610	ng/u1	0.01
7) Phenol-d5	6.910	99	244203	16.244	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	161706	16.967	ng/u1	0.00
11) 2-Chlorophenol-d4	7.269	132	219209	17.841	ng/u1	0.00
15) 4-Methylphenol-d8	8.428	113	152376	12.479	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	106558	18.989	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	122263	21.772	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	214052	18.505	ng/u1	0.00
31) 4-Chloroaniline-d4	10.640	131	112490	6.939	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	698270	19.992	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	778155	18.671	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	76446	14.325	ng/u1	0.02
60) Fluorene-d10	15.375	176	614393	20.904	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.504	200	71419	13.152	ng/u1	0.00
73) Anthracene-d10	17.269	188	937251	19.380	ng/u1	0.00
81) Pyrene-d10	19.657	212	1001988	17.095	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.721	264	758107	13.469	ng/u1	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.210	178	286168	5.071	ng/u1	99
80) Fluoranthene	19.304	202	650473	9.086	ng/u1	99
82) Pyrene	19.686	202	462846	6.304	ng/u1	98
85) Benzo(a)anthracene	21.592	228	259562	3.796	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.527	149	71419	1.687	ng/u1#	97
87) Chrysene	21.663	228	336846	5.211	ng/u1	99
90) Benzo(b)fluoranthene	23.898	252	437669	6.244	ng/u1	97
91) Benzo(k)fluoranthene	23.963	252	166567m	2.349	ng/u1	
93) Benzo(a)pyrene	24.792	252	153747	2.324	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.727	276	165153m	1.946	ng/u1	

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

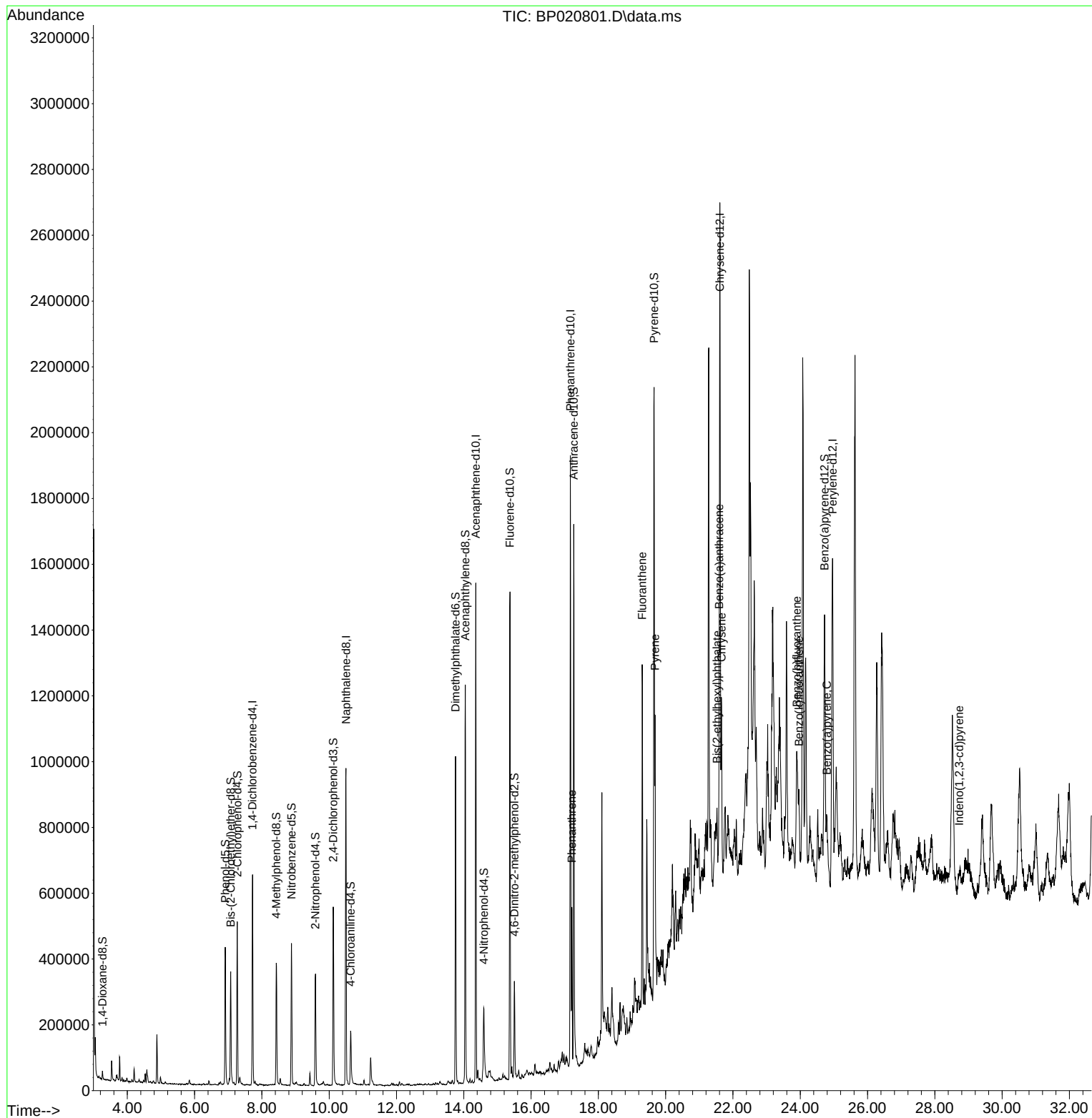
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020801.D
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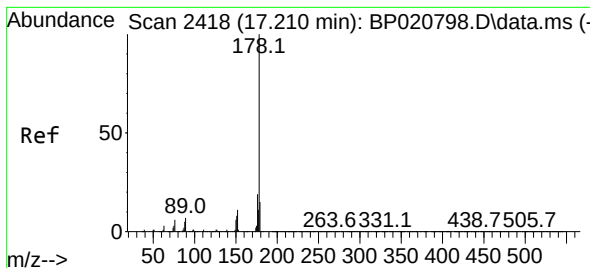
Instrument :
 BNA_P
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Quant Time: Jul 06 01:12:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
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#72

Phenanthrene

Concen: 5.071 ng/ul

RT: 17.210 min Scan# 2418

Delta R.T. 0.006 min

Lab File: BP020801.D

Acq: 06 Jul 2024 00:29

Instrument :

BNA_P

ClientSampleId :

A4B49

Tgt Ion:178 Resp: 286168

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

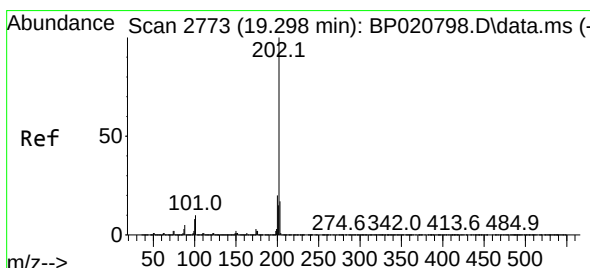
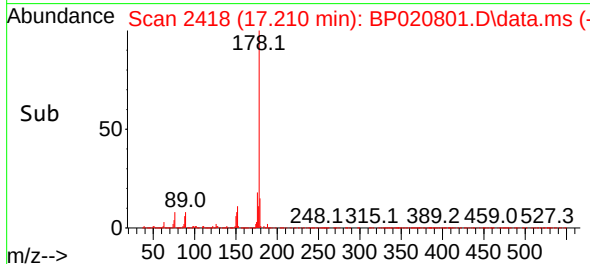
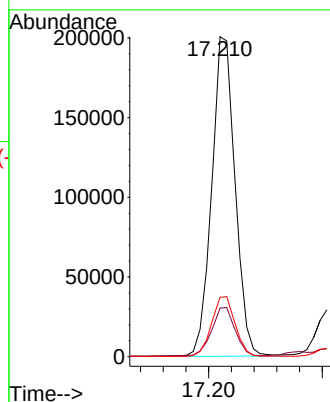
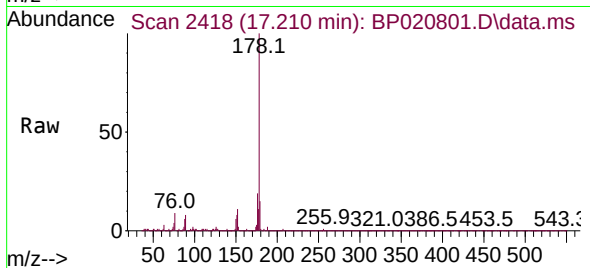
176 18.6 15.4 23.2

Manual Integrations

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#80

Fluoranthene

Concen: 9.086 ng/ul

RT: 19.304 min Scan# 2774

Delta R.T. 0.006 min

Lab File: BP020801.D

Acq: 06 Jul 2024 00:29

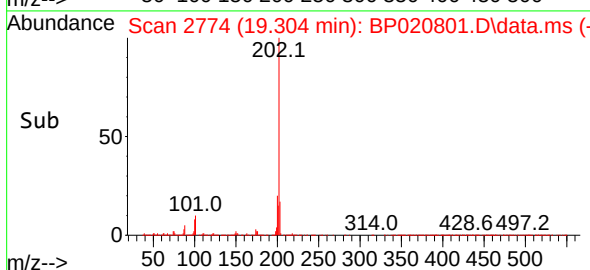
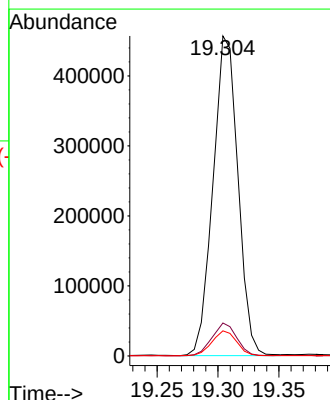
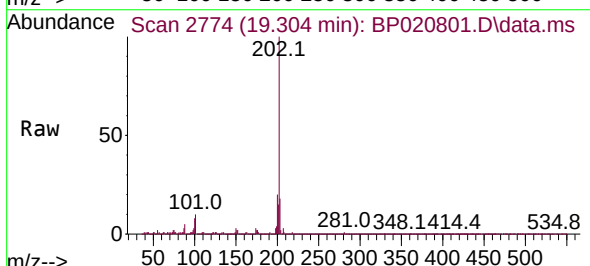
Tgt Ion:202 Resp: 650473

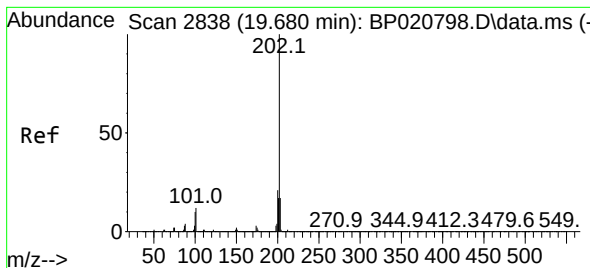
Ion Ratio Lower Upper

202 100

101 10.3 8.2 12.4

100 7.8 6.6 10.0





#82

Pyrene

Concen: 6.304 ng/ul

RT: 19.686 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020801.D

Acq: 06 Jul 2024 00:29

Instrument :

BNA_P

ClientSampleId :

A4B49

Tgt Ion:202 Resp: 462840

Ion Ratio Lower Upper

202 100

101 11.5 9.8 14.8

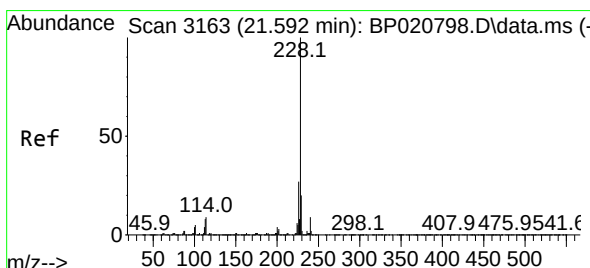
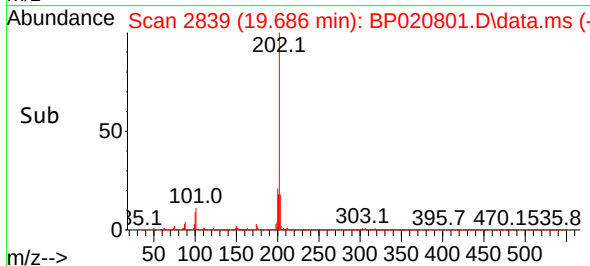
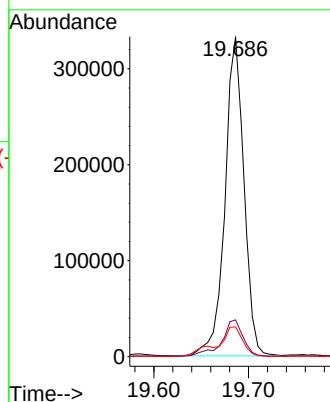
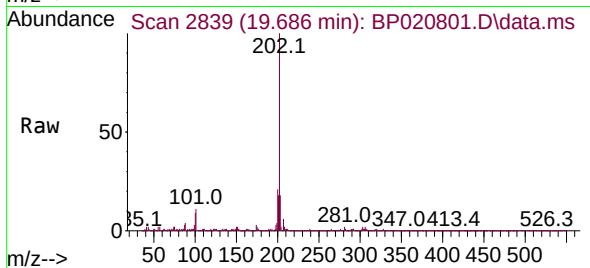
100 9.3 7.9 11.9

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#85

Benzo(a)anthracene

Concen: 3.796 ng/ul

RT: 21.592 min Scan# 3163

Delta R.T. -0.006 min

Lab File: BP020801.D

Acq: 06 Jul 2024 00:29

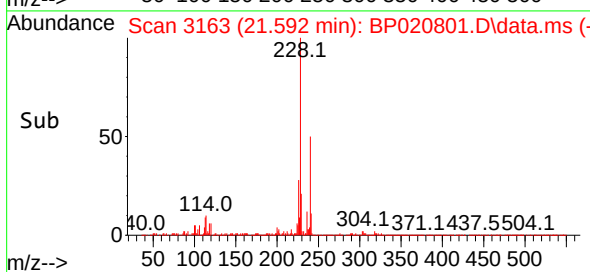
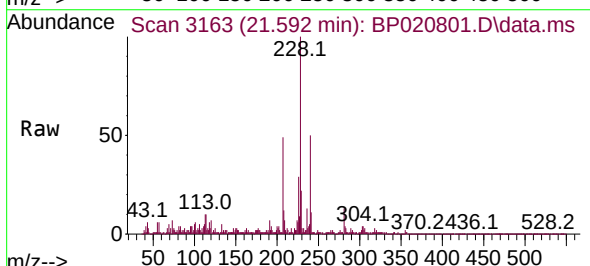
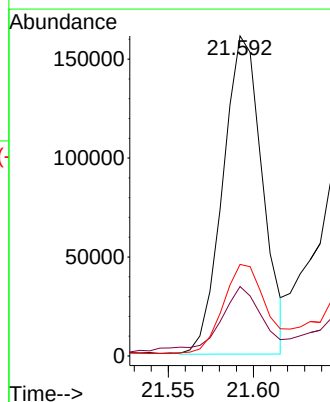
Tgt Ion:228 Resp: 259562

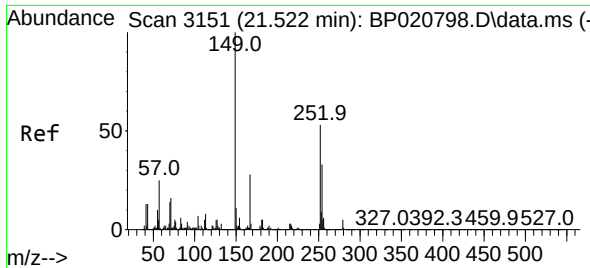
Ion Ratio Lower Upper

228 100

229 21.7 15.2 22.8

226 28.6 21.1 31.7





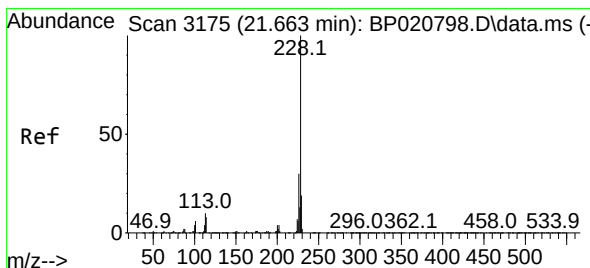
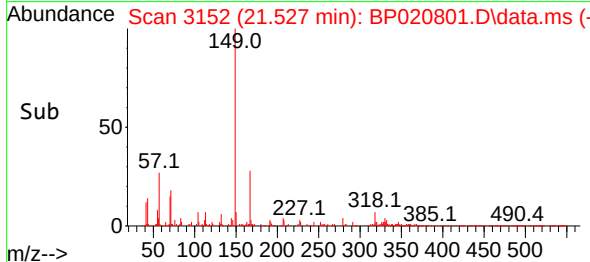
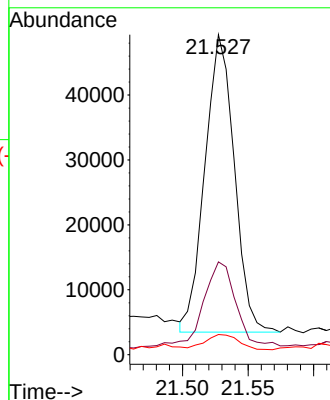
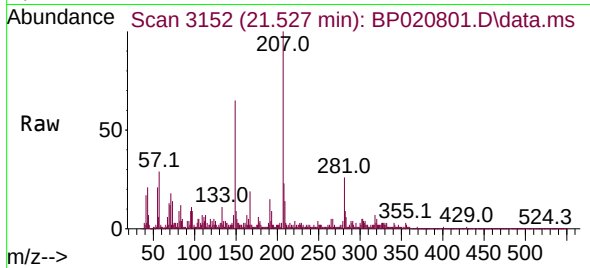
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.687 ng/ul
RT: 21.527 min Scan# 3151
Delta R.T. -0.012 min
Lab File: BP020801.D
Acq: 06 Jul 2024 00:29

Instrument :
BNA_P
ClientSampleId :
A4B49

Tgt Ion:149 Resp: 71419
Ion Ratio Lower Upper
149 100
167 29.0 22.0 33.0
279 6.3 3.3 4.9

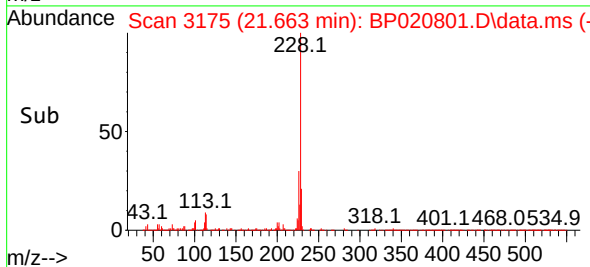
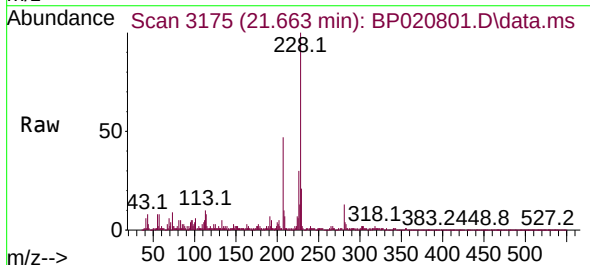
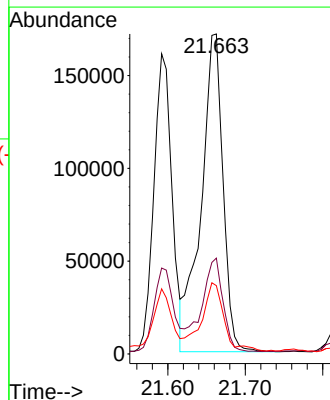
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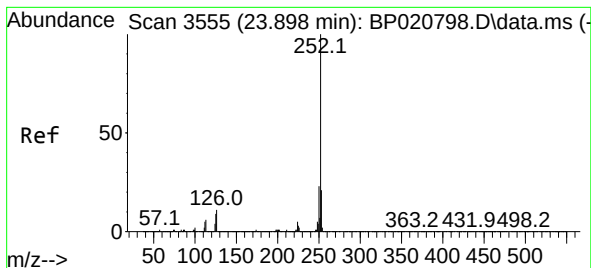
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#87
Chrysene
Concen: 5.211 ng/ul
RT: 21.663 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP020801.D
Acq: 06 Jul 2024 00:29

Tgt Ion:228 Resp: 336846
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.6
229 21.4 16.1 24.1





#90

Benzo(b)fluoranthene

Concen: 6.244 ng/ul

RT: 23.898 min Scan# 3555

Delta R.T. -0.006 min

Lab File: BP020801.D

Acq: 06 Jul 2024 00:29

Instrument :

BNA_P

ClientSampleId :

A4B49

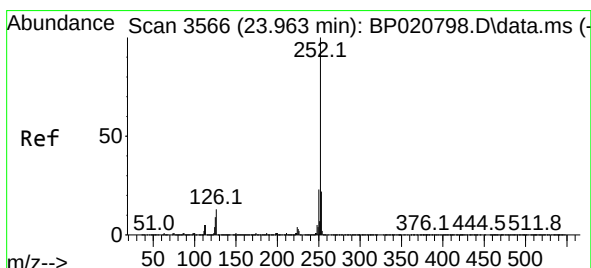
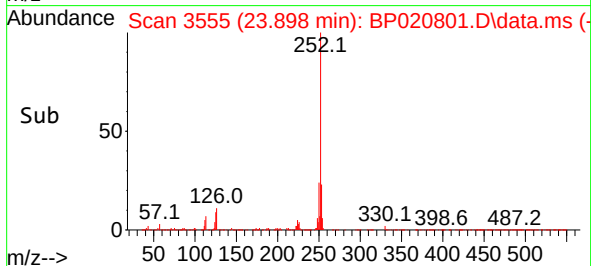
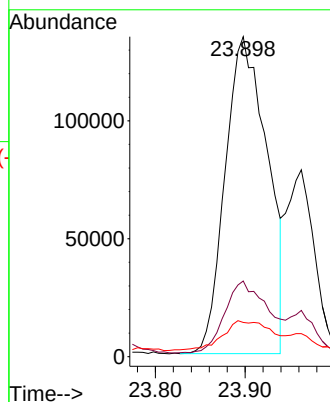
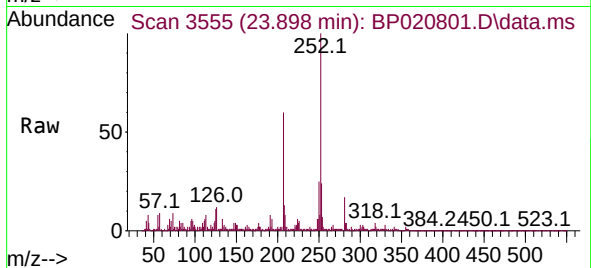
Tgt Ion:	252	Resp:	437669
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.5	26.3
125	10.7	7.9	11.9

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 2.349 ng/ul m

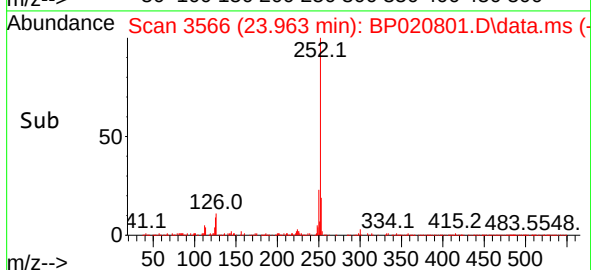
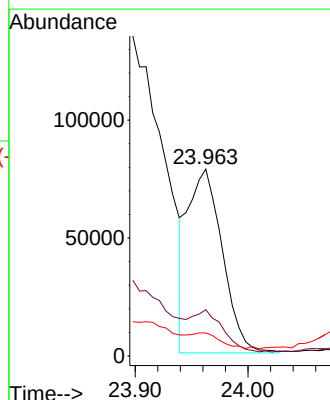
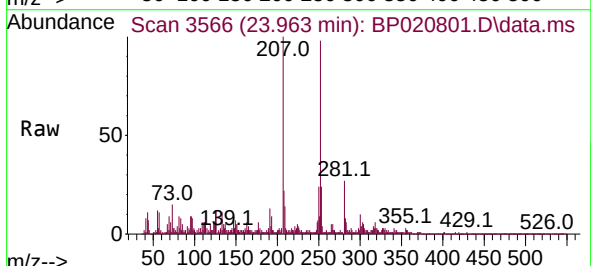
RT: 23.963 min Scan# 3566

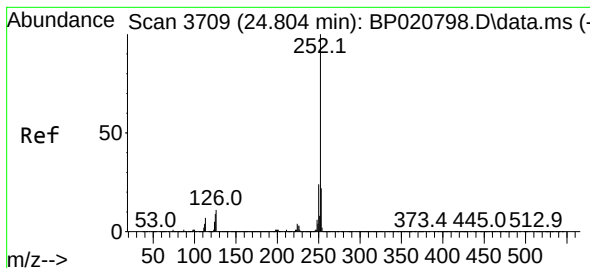
Delta R.T. -0.012 min

Lab File: BP020801.D

Acq: 06 Jul 2024 00:29

Tgt Ion:	252	Resp:	166567
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.6	26.4
125	12.4	7.9	11.9





#93

Benzo(a)pyrene

Concen: 2.324 ng/ul

RT: 24.792 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP020801.D

Acq: 06 Jul 2024 00:29

Instrument :

BNA_P

ClientSampleId :

A4B49

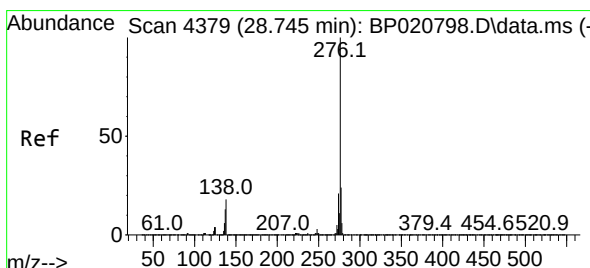
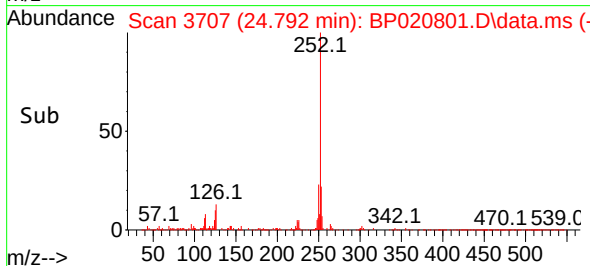
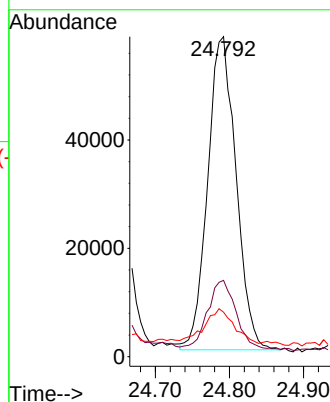
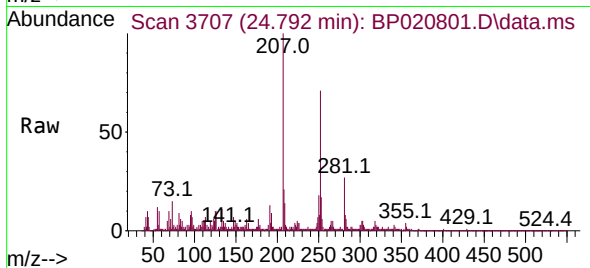
Tgt Ion:	252	Resp:	15374
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.4	26.2
125	13.9	8.7	13.1

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.946 ng/ul m

RT: 28.727 min Scan# 4376

Delta R.T. -0.035 min

Lab File: BP020801.D

Acq: 06 Jul 2024 00:29

Tgt Ion:	276	Resp:	165153
Ion Ratio	Lower	Upper	
276	100		
138	20.3	15.2	22.8
277	26.6	19.0	28.4

