

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020802.D
 Acq On : 06 Jul 2024 01:13
 Operator : MA/JU
 Sample : P2964-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B51

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 02:03:07 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	197003	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.498	136	801767	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	528339	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	1077368	20.000	ng/u1	0.00
79) Chrysene-d12	21.616	240	974553	20.000	ng/u1	0.00
88) Perylene-d12	24.968	264	1142298	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	11097	2.419	ng/uL	0.00
4) Pyridine-d5	3.687	84	50030	3.742	ng/u1	0.00
7) Phenol-d5	6.916	99	225474	13.954	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	142560	13.917	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.269	132	200441	15.179	ng/u1	0.00
15) 4-Methylphenol-d8	8.428	113	119002	9.068	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	98128	16.577	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.587	143	108492	18.315	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	192334	15.762	ng/u1	0.00
31) 4-Chloroaniline-d4	10.634	131	123652	7.231	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	620979	16.904	ng/u1	0.00
49) Acenaphthylene-d8	14.051	160	689508	15.730	ng/u1	0.01
54) 4-Nitrophenol-d4	14.592	143	71289	12.701	ng/u1	0.01
60) Fluorene-d10	15.363	176	537265	17.380	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	67178	12.373	ng/u1	0.00
73) Anthracene-d10	17.263	188	789933	16.337	ng/u1	0.00
81) Pyrene-d10	19.645	212	832964	14.227	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.727	264	608068	10.943	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.204	178	217123	3.849	ng/u1	99
80) Fluoranthene	19.298	202	512457	7.166	ng/u1	98
82) Pyrene	19.674	202	337423	4.601	ng/u1	98
85) Benzo(a)anthracene	21.598	228	223103	3.266	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.521	149	65664	1.553	ng/u1	99
87) Chrysene	21.668	228	229768	3.559	ng/u1	97
90) Benzo(b)fluoranthene	23.904	252	318322	4.600	ng/u1	95
91) Benzo(k)fluoranthene	23.968	252	97445	1.392	ng/u1	96
93) Benzo(a)pyrene	24.798	252	110794	1.696	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.774	276	110483m	1.319	ng/u1	

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

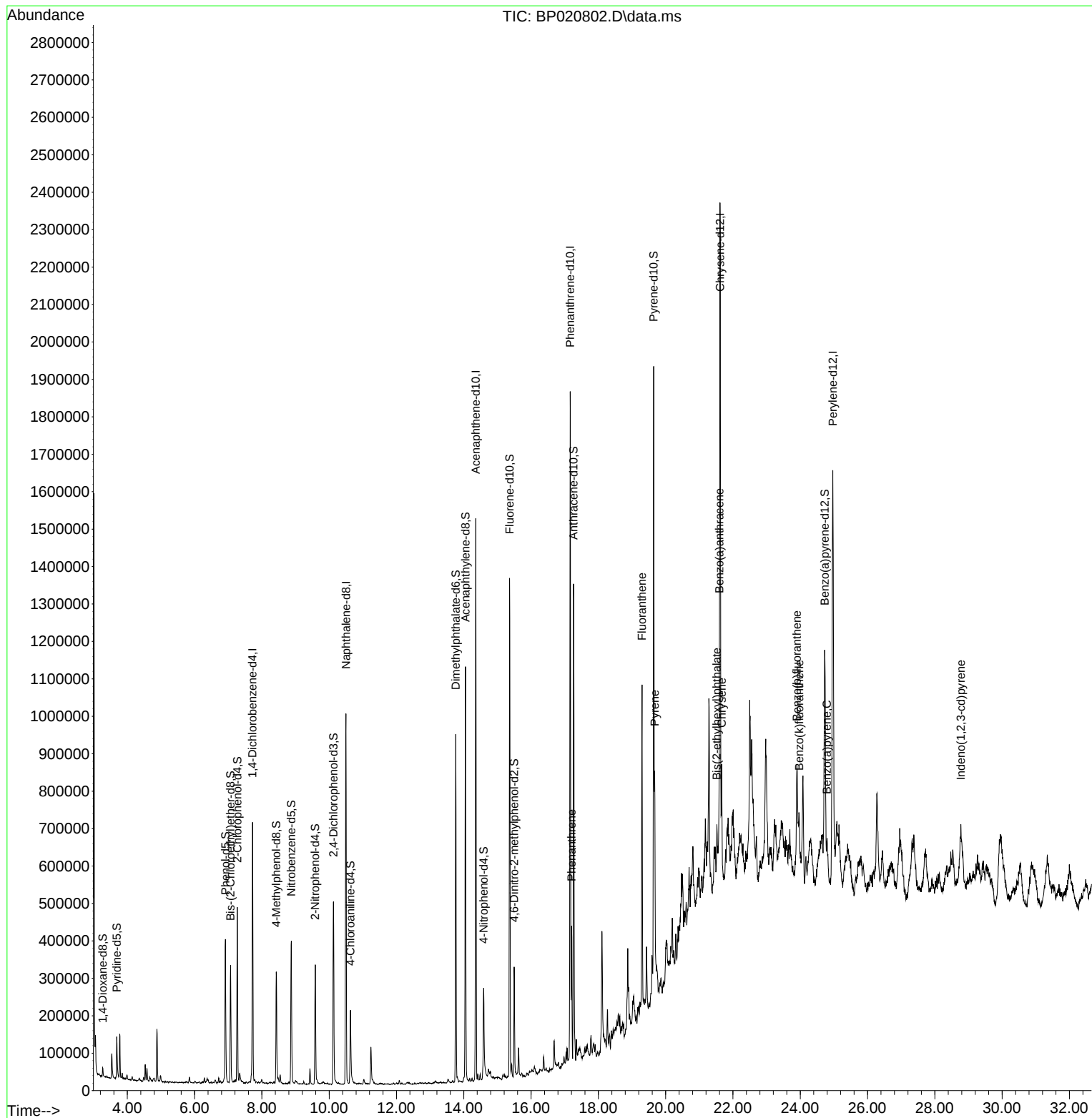
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020802.D
Acq On : 06 Jul 2024 01:13
Operator : MA/JU
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ALS Vial : 21 Sample Multiplier: 1

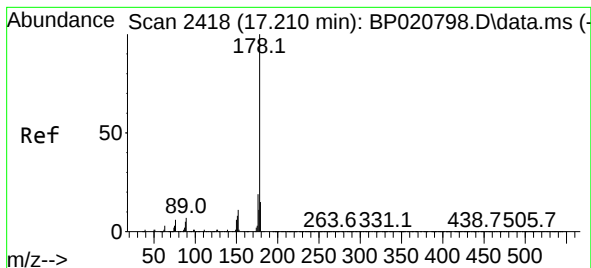
Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 3.849 ng/ul

RT: 17.204 min Scan# 2418

Delta R.T. -0.000 min

Lab File: BP020802.D

Acq: 06 Jul 2024 01:13

Instrument :

BNA_P

ClientSampleId :

A4B51

Tgt Ion:178 Resp: 21712

Ion Ratio Lower Upper

178 100

179 15.0 12.4 18.6

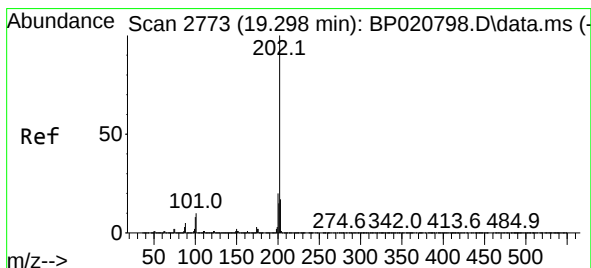
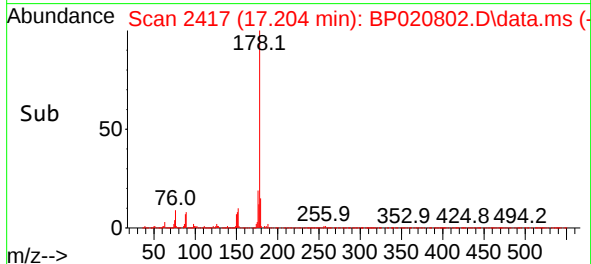
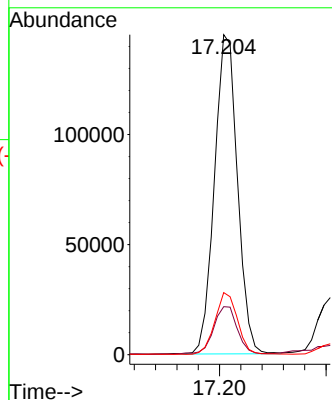
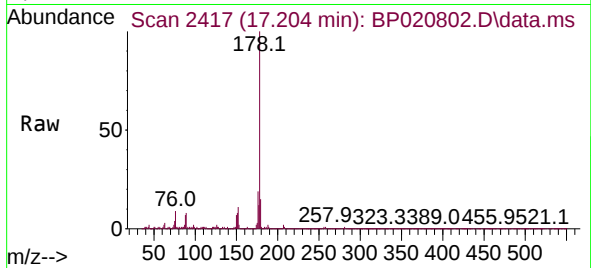
176 19.4 15.4 23.2

Manual Integrations

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#80

Fluoranthene

Concen: 7.166 ng/ul

RT: 19.298 min Scan# 2773

Delta R.T. -0.000 min

Lab File: BP020802.D

Acq: 06 Jul 2024 01:13

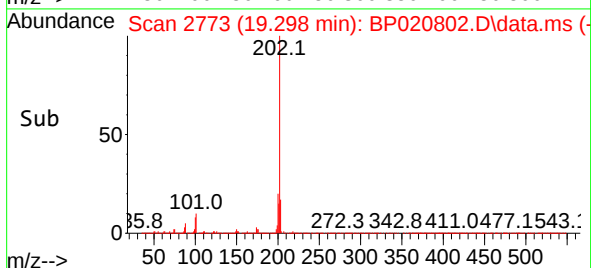
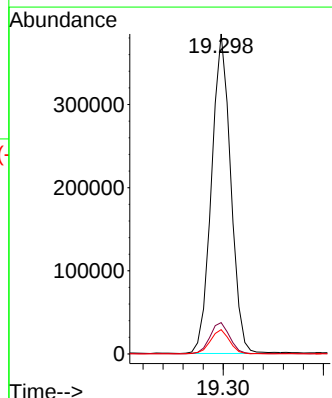
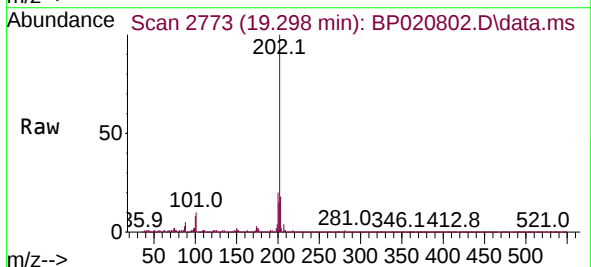
Tgt Ion:202 Resp: 512457

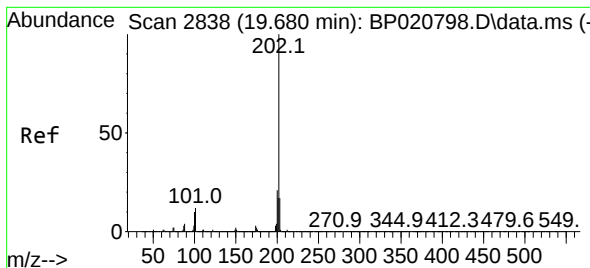
Ion Ratio Lower Upper

202 100

101 9.8 8.2 12.4

100 7.6 6.6 10.0





#82

Pyrene

Concen: 4.601 ng/ul

RT: 19.674 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020802.D

Acq: 06 Jul 2024 01:13

Instrument :

BNA_P

ClientSampleId :

A4B51

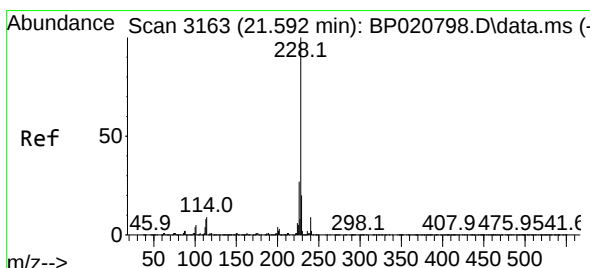
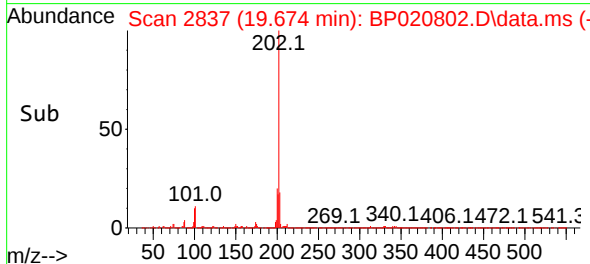
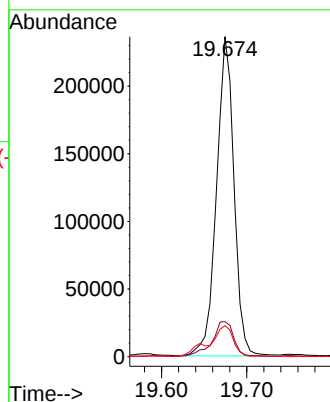
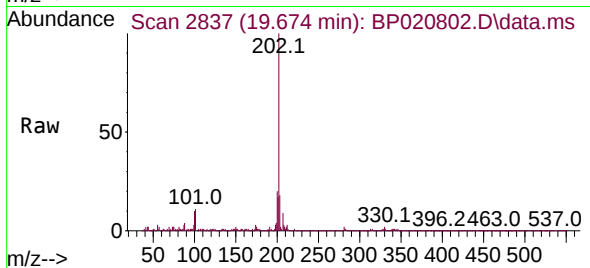
Tgt Ion:202	Resp: 33742
Ion Ratio	Lower Upper
202 100	
101 10.9	9.8 14.8
100 9.7	7.9 11.9

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#85

Benzo(a)anthracene

Concen: 3.266 ng/ul

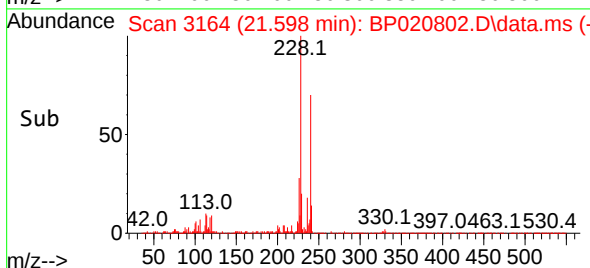
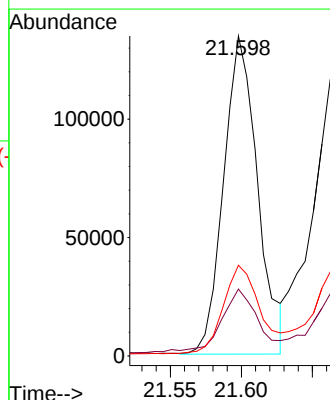
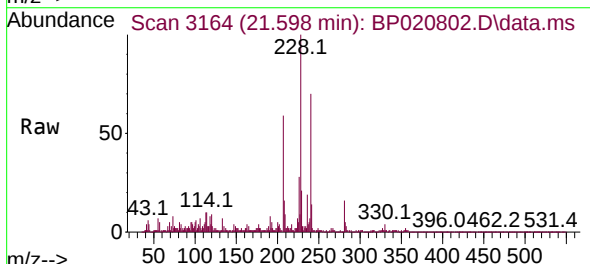
RT: 21.598 min Scan# 3164

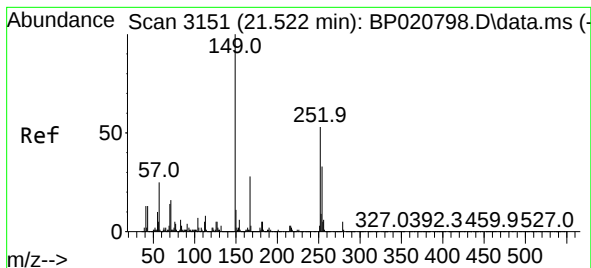
Delta R.T. -0.000 min

Lab File: BP020802.D

Acq: 06 Jul 2024 01:13

Tgt Ion:228	Resp: 223103
Ion Ratio	Lower Upper
228 100	
229 20.9	15.2 22.8
226 28.3	21.1 31.7





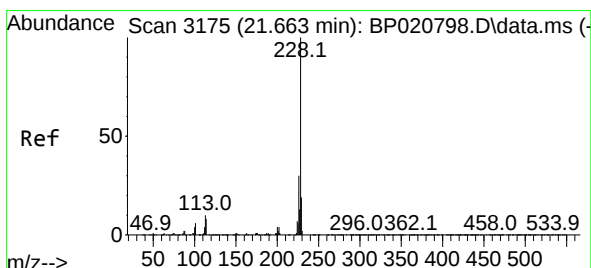
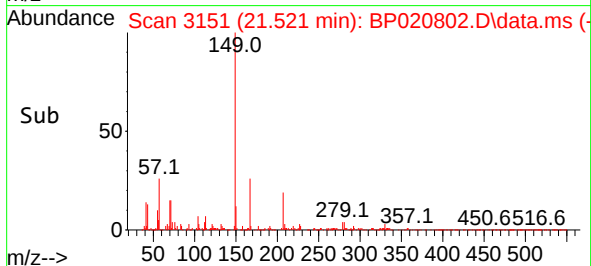
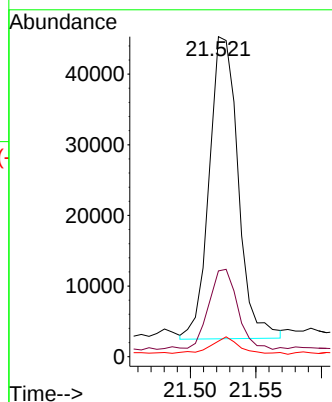
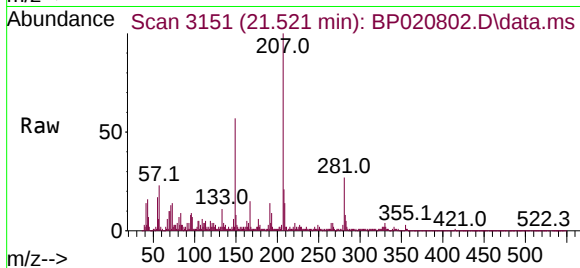
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.553 ng/ul
RT: 21.521 min Scan# 3151
Delta R.T. -0.018 min
Lab File: BP020802.D
Acq: 06 Jul 2024 01:13

Instrument :
BNA_P
ClientSampleId :
A4B51

Tgt Ion:149 Resp: 65664
Ion Ratio Lower Upper
149 100
167 26.8 22.0 33.0
279 4.8 3.3 4.9

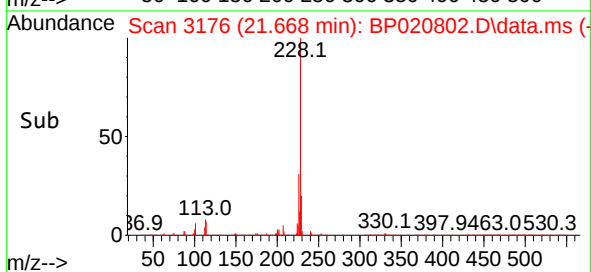
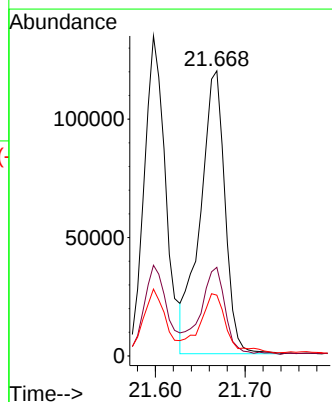
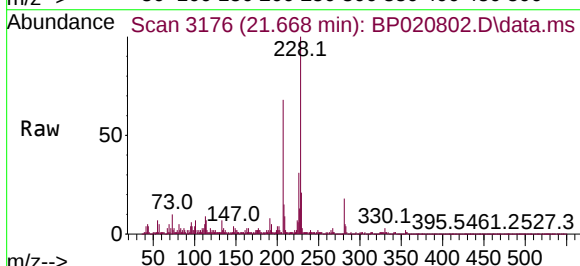
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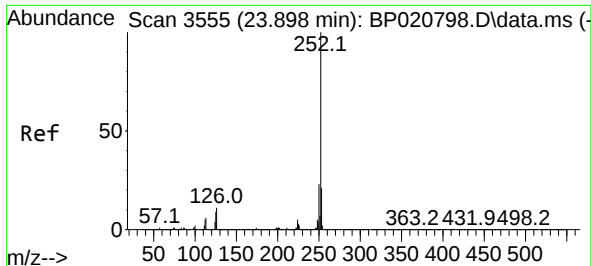
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#87
Chrysene
Concen: 3.559 ng/ul
RT: 21.668 min Scan# 3176
Delta R.T. -0.000 min
Lab File: BP020802.D
Acq: 06 Jul 2024 01:13

Tgt Ion:228 Resp: 229768
Ion Ratio Lower Upper
228 100
226 31.1 23.8 35.6
229 21.3 16.1 24.1





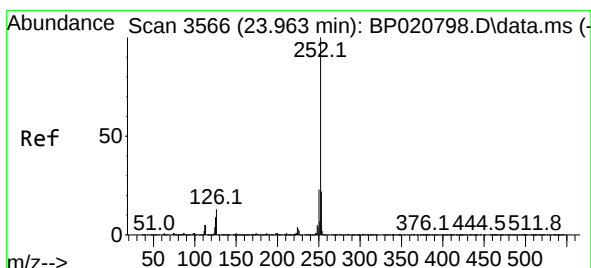
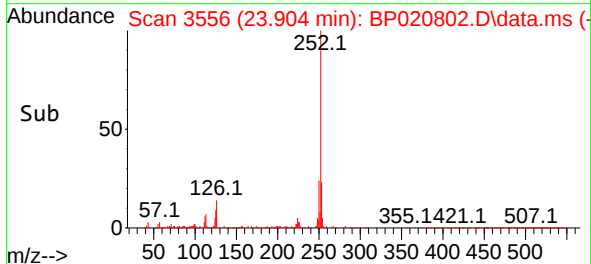
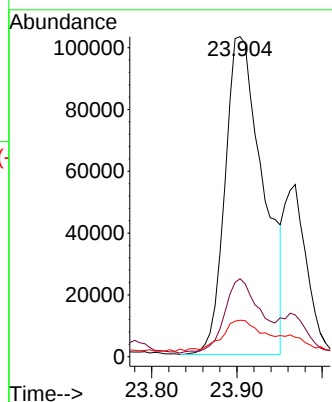
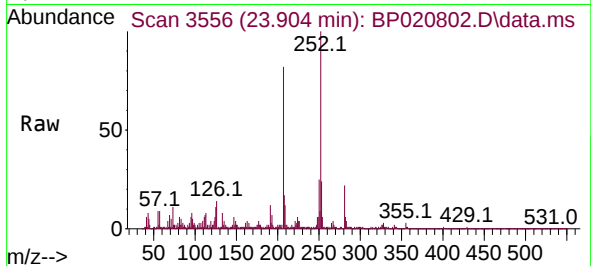
#90
Benzo(b)fluoranthene
Concen: 4.600 ng/ul
RT: 23.904 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP020802.D
Acq: 06 Jul 2024 01:13

Instrument :
BNA_P
ClientSampleId :
A4B51

Tgt Ion:252 Resp: 31832
Ion Ratio Lower Upper
252 100
253 24.3 17.5 26.3
125 11.4 7.9 11.9

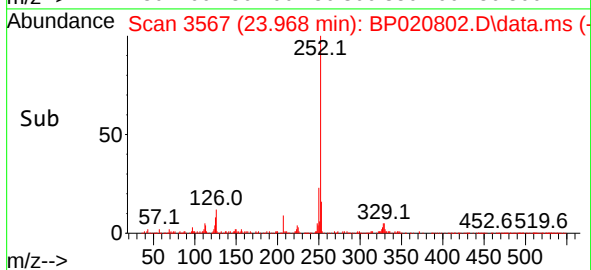
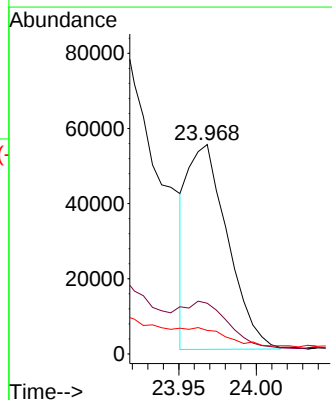
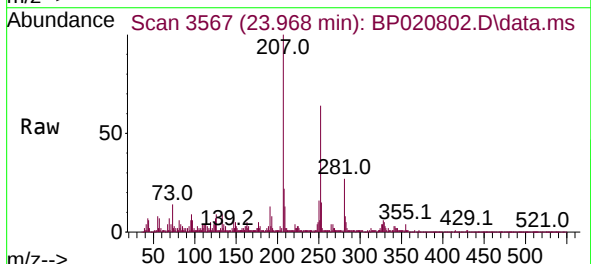
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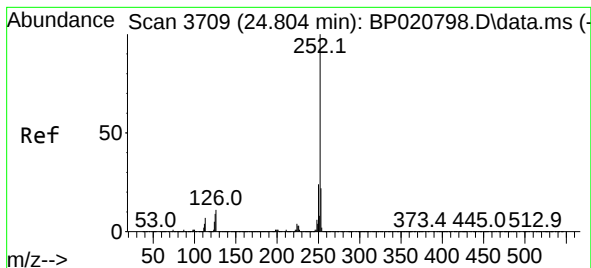
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#91
Benzo(k)fluoranthene
Concen: 1.392 ng/ul
RT: 23.968 min Scan# 3567
Delta R.T. -0.006 min
Lab File: BP020802.D
Acq: 06 Jul 2024 01:13

Tgt Ion:252 Resp: 97445
Ion Ratio Lower Upper
252 100
253 24.2 17.6 26.4
125 11.3 7.9 11.9





#93

Benzo(a)pyrene

Concen: 1.696 ng/ul

RT: 24.798 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP020802.D

Acq: 06 Jul 2024 01:13

Instrument :

BNA_P

ClientSampleId :

A4B51

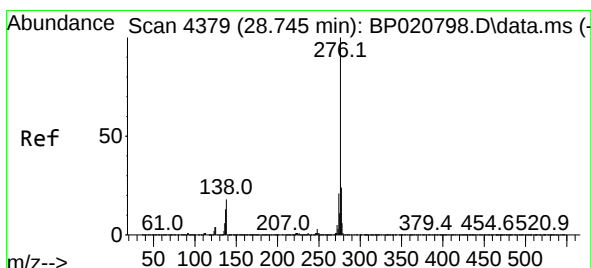
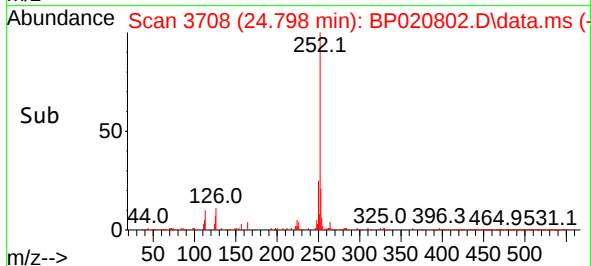
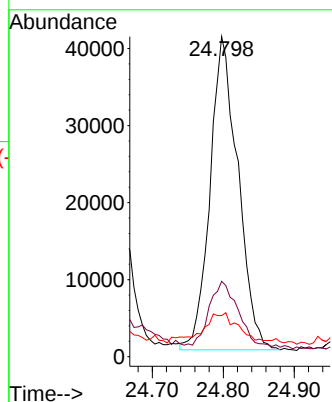
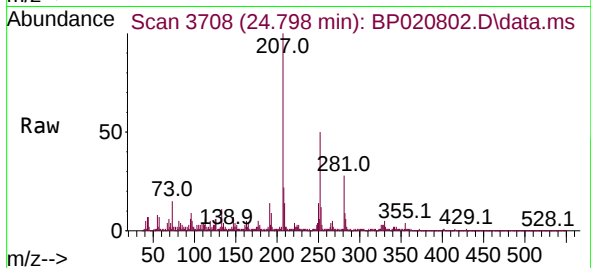
Tgt Ion:	252	Resp:	110794
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.2
125	12.8	8.7	13.1

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.319 ng/ul m

RT: 28.774 min Scan# 4384

Delta R.T. 0.012 min

Lab File: BP020802.D

Acq: 06 Jul 2024 01:13

Tgt Ion:	276	Resp:	110483
Ion Ratio	Lower	Upper	
276	100		
138	20.2	15.2	22.8
277	24.5	19.0	28.4

