

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
 Data File : BP021643.D
 Acq On : 26 Aug 2024 18:04
 Operator : RC/JU
 Sample : P3336-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E43

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/27/2024
 Supervised By :mohammad ahmed 08/29/2024

Quant Time: Aug 26 18:43:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 23 17:51:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	234709	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	993376	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.440	164	663215	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	1460311	20.000	ng/u1	0.00
79) Chrysene-d12	21.692	240	1551622	20.000	ng/u1	-0.02
88) Perylene-d12	25.104	264	1823385	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	13907	1.967	ng/uL	0.00
4) Pyridine-d5	3.699	84	7394	0.362	ng/u1	0.00
7) Phenol-d5	6.958	99	207703	8.292	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.122	67	149897	10.996	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.328	132	154525	9.555	ng/u1	0.00
15) 4-Methylphenol-d8	8.487	113	156821	8.102	ng/u1	-0.01
21) Nitrobenzene-d5	8.946	128	78757	9.854	ng/u1	0.00
24) 2-Nitrophenol-d4	9.658	143	73750	9.091	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.205	165	147128	9.203	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	162067	6.968	ng/u1	0.00
46) Dimethylphthalate-d6	13.840	166	562932	11.093	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	602180	10.569	ng/u1	0.00
54) 4-Nitrophenol-d4	14.634	143	47272	4.896	ng/u1	0.00
60) Fluorene-d10	15.445	176	489303	11.469	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	48021	5.979	ng/u1	0.00
73) Anthracene-d10	17.345	188	805020	11.616	ng/u1	0.00
81) Pyrene-d10	19.710	212	757072	8.535	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.869	264	550643	5.663	ng/u1	-0.04
Target Compounds					Qvalue	
72) Phenanthrene	17.287	178	123152	1.536	ng/u1	99
74) Anthracene	17.381	178	159470	1.963	ng/u1	100
80) Fluoranthene	19.363	202	601099	5.807	ng/u1	98
82) Pyrene	19.733	202	398913	3.639	ng/u1	99
85) Benzo(a)anthracene	21.675	228	530041	4.802	ng/u1	96
87) Chrysene	21.739	228	845119	8.136	ng/u1	98
90) Benzo(b)fluoranthene	24.021	252	1301349	11.406	ng/u1	99
91) Benzo(k)fluoranthene	24.092	252	400068	3.582	ng/u1	97
93) Benzo(a)pyrene	24.933	252	188078	1.789	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	28.962	276	235716m	1.739	ng/u1	

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

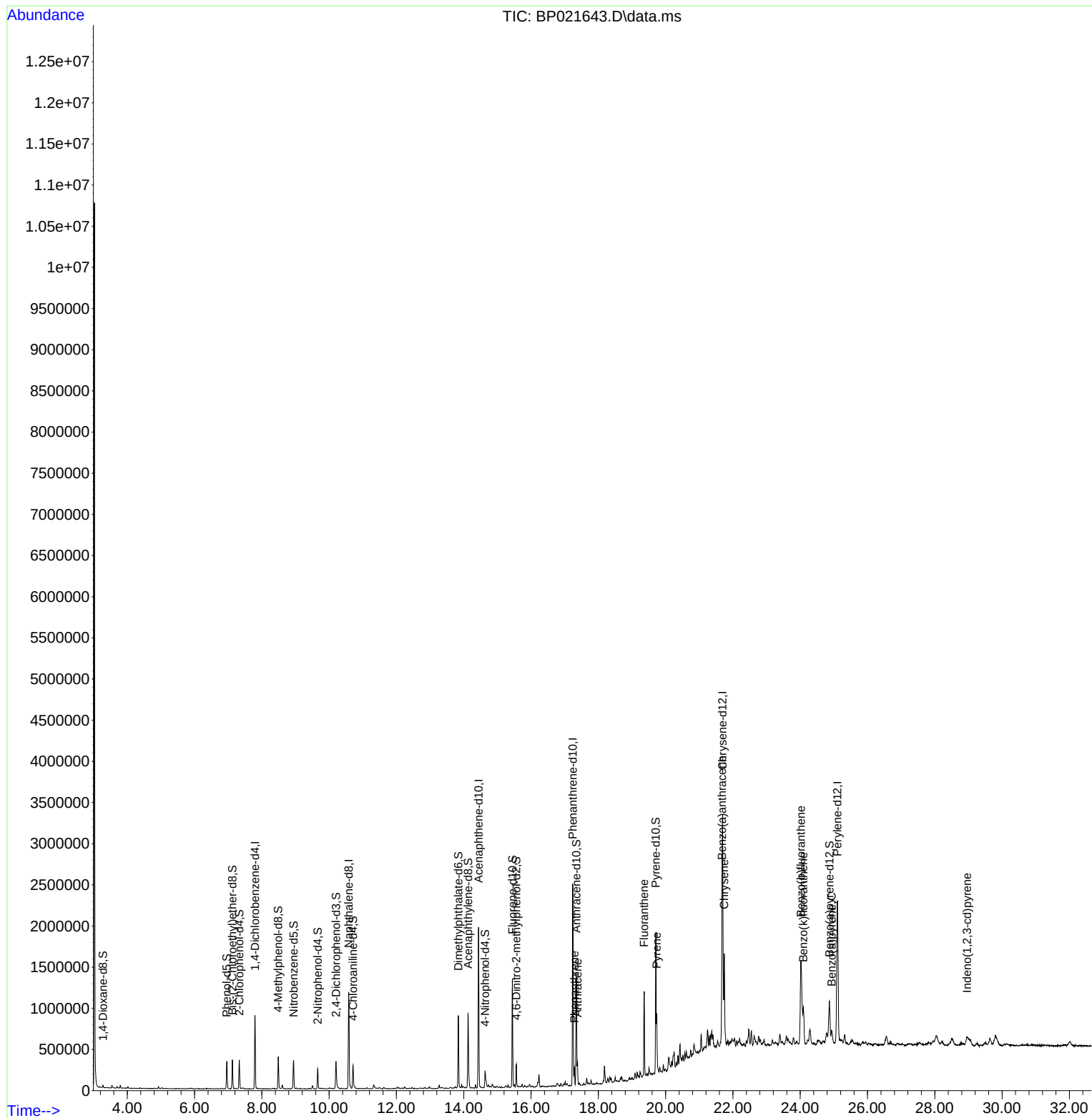
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
Data File : BP021643.D
Acq On : 26 Aug 2024 18:04
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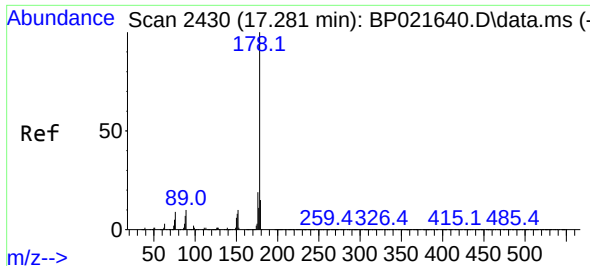
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 23 17:51:55 2024
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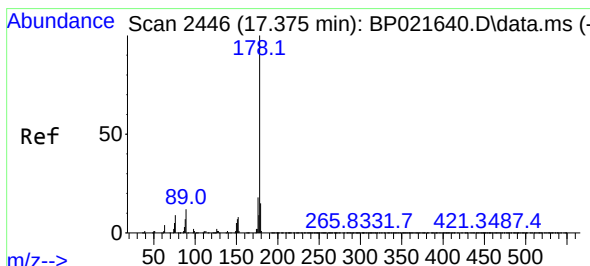
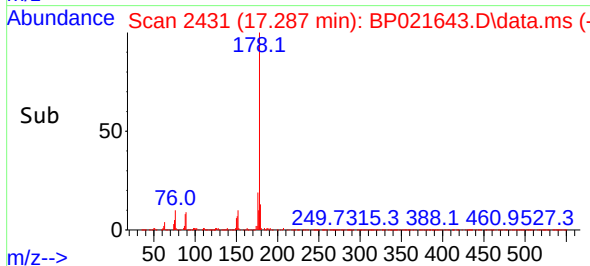
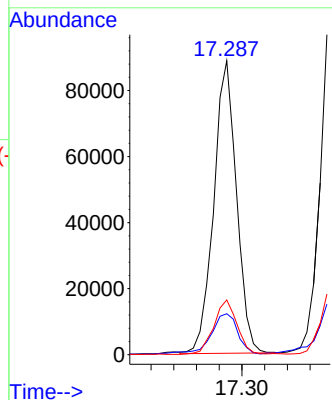
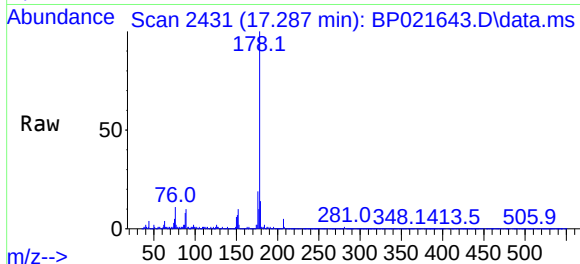
#72
Phenanthrene
Concen: 1.536 ng/u1
RT: 17.287 min Scan# 2430
Delta R.T. 0.006 min
Lab File: BP021643.D
Acq: 26 Aug 2024 18:04

Instrument :
BNA_P
ClientSampleId :
F7E43

Tgt Ion:178 Resp: 12315
Ion Ratio Lower Upper
178 100
179 14.0 12.0 18.0
176 18.6 14.8 22.2

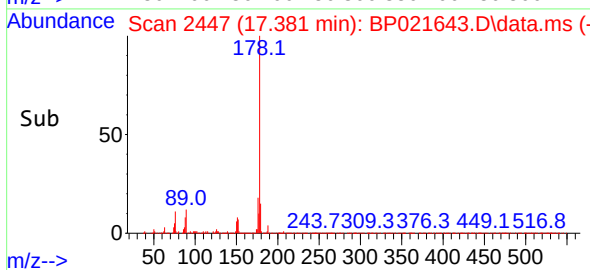
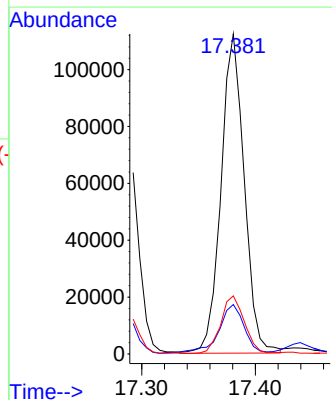
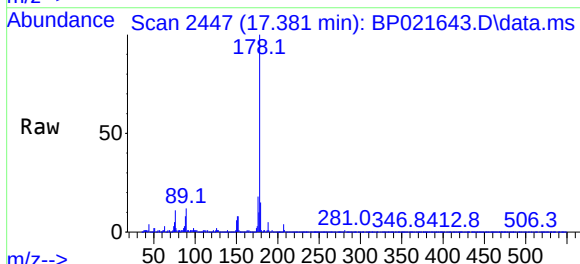
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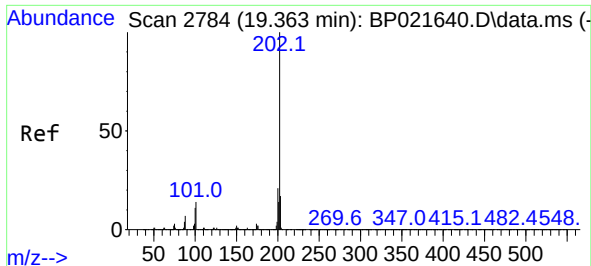
Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/29/2024



#74
Anthracene
Concen: 1.963 ng/u1
RT: 17.381 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BP021643.D
Acq: 26 Aug 2024 18:04

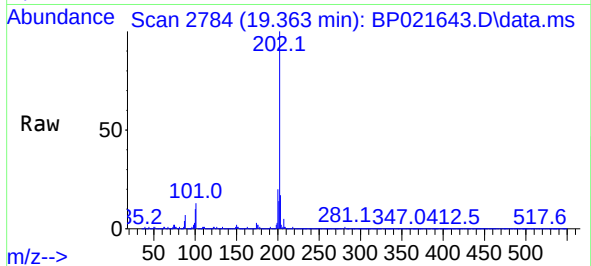
Tgt Ion:178 Resp: 159470
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 18.1 14.6 21.8





#80
Fluoranthene
Concen: 5.807 ng/u1
RT: 19.363 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021643.D
Acq: 26 Aug 2024 18:04

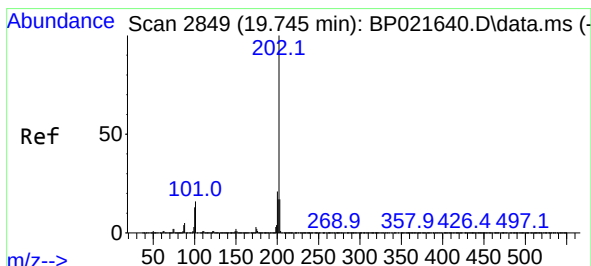
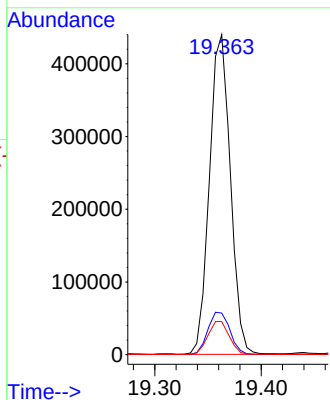
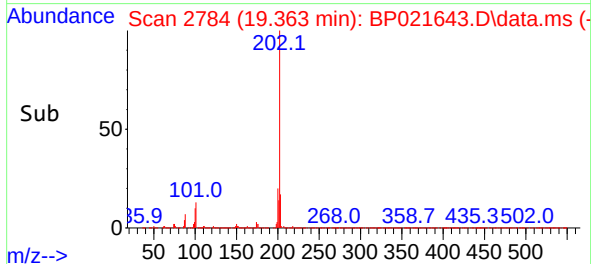
Instrument :
BNA_P
ClientSampleId :
F7E43



Tgt Ion:202 Resp: 601099
Ion Ratio Lower Upper
202 100
101 13.0 11.2 16.8
100 10.3 8.5 12.7

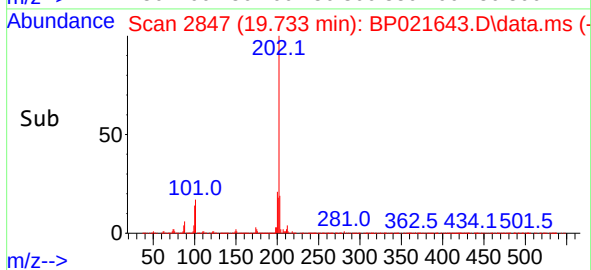
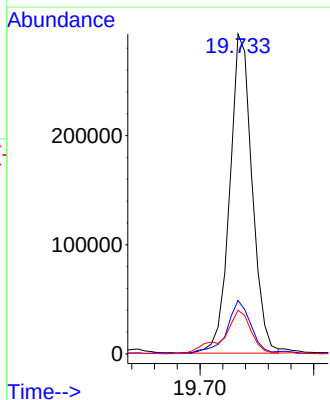
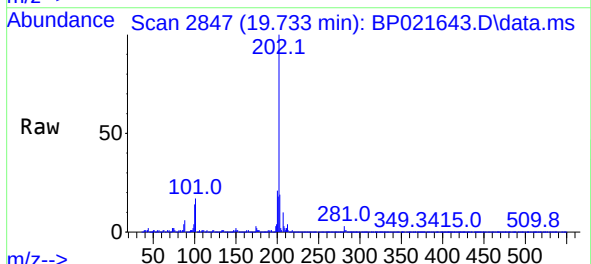
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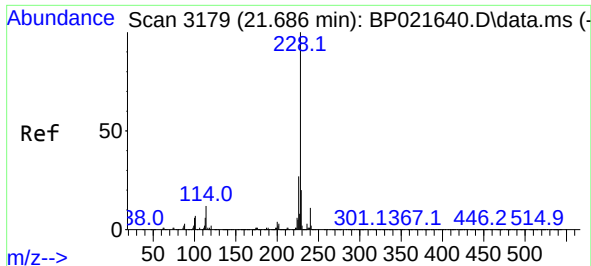
Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/29/2024



#82
Pyrene
Concen: 3.639 ng/u1
RT: 19.733 min Scan# 2847
Delta R.T. -0.012 min
Lab File: BP021643.D
Acq: 26 Aug 2024 18:04

Tgt Ion:202 Resp: 398913
Ion Ratio Lower Upper
202 100
101 16.7 12.8 19.2
100 13.6 10.8 16.2





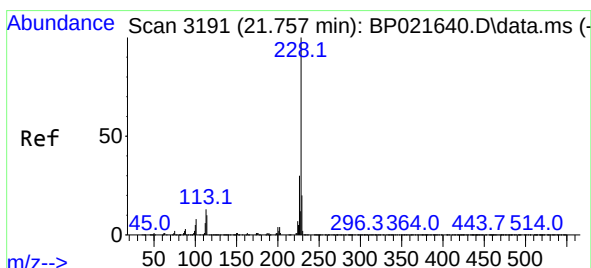
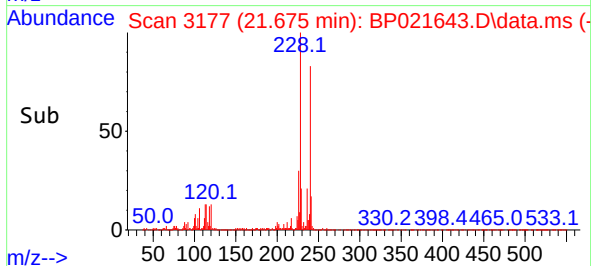
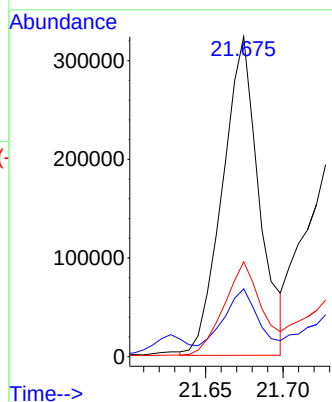
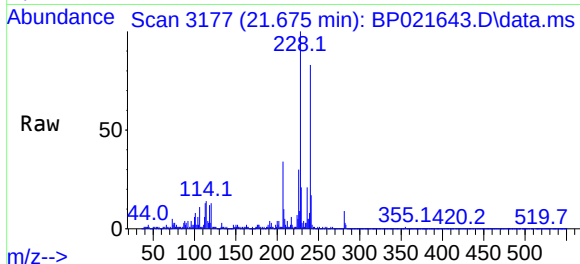
#85
Benzo(a)anthracene
Concen: 4.802 ng/ul
RT: 21.675 min Scan# 3177
Delta R.T. -0.024 min
Lab File: BP021643.D
Acq: 26 Aug 2024 18:04

Instrument :
BNA_P
ClientSampleId :
F7E43

Tgt Ion:228 Resp: 53004
Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 29.6 21.7 32.5

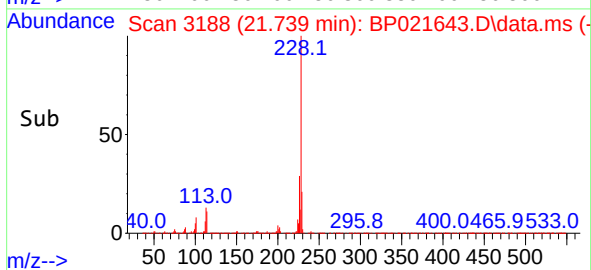
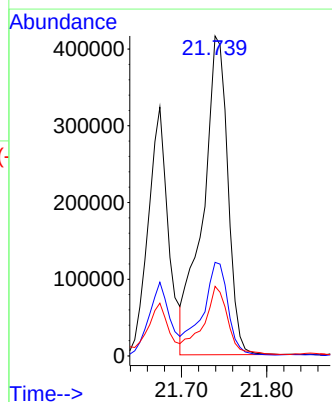
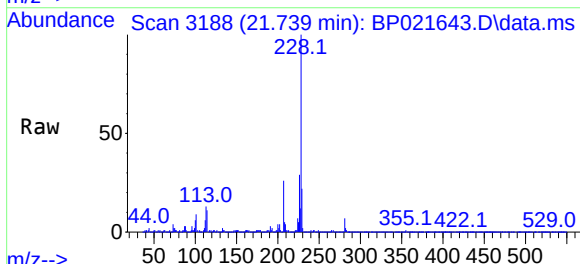
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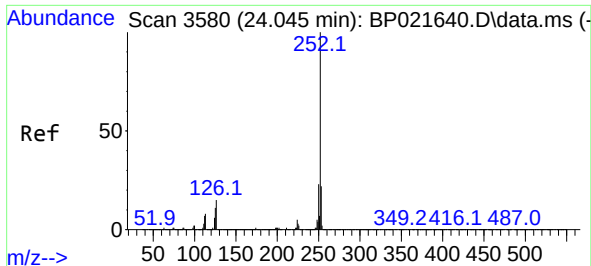
Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/29/2024



#87
Chrysene
Concen: 8.136 ng/ul
RT: 21.739 min Scan# 3188
Delta R.T. -0.024 min
Lab File: BP021643.D
Acq: 26 Aug 2024 18:04

Tgt Ion:228 Resp: 845119
Ion Ratio Lower Upper
228 100
226 29.3 23.5 35.3
229 21.8 15.6 23.4





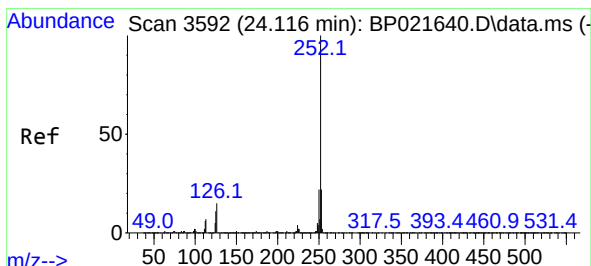
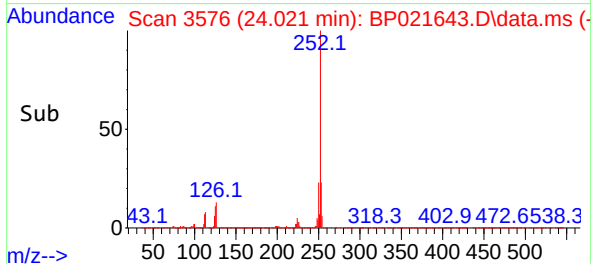
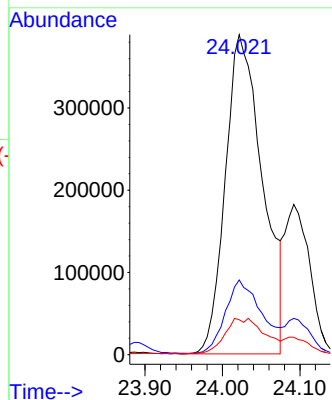
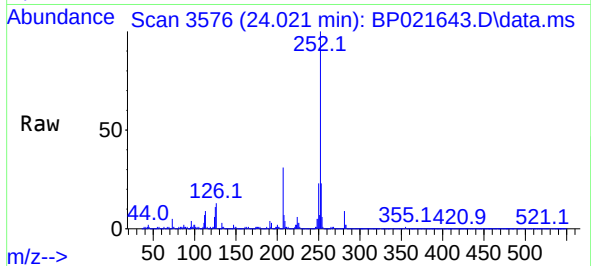
#90
Benzo(b)fluoranthene
Concen: 11.406 ng/ul
RT: 24.021 min Scan# 3576
Delta R.T. -0.029 min
Lab File: BP021643.D
Acq: 26 Aug 2024 18:04

Instrument :
BNA_P
ClientSampleId :
F7E43

Tgt Ion:252 Resp: 1301349
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 10.9 8.6 12.8

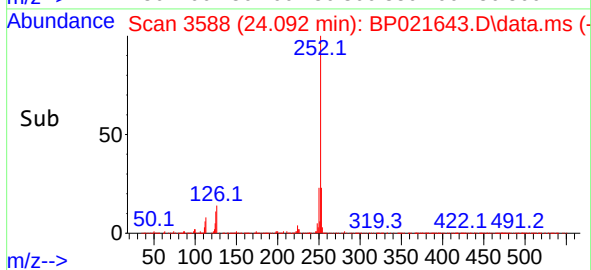
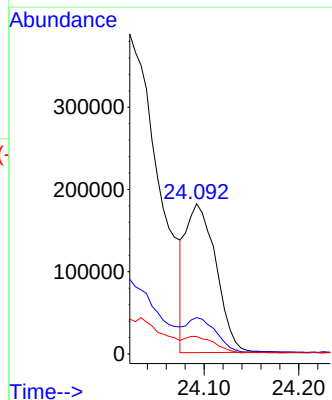
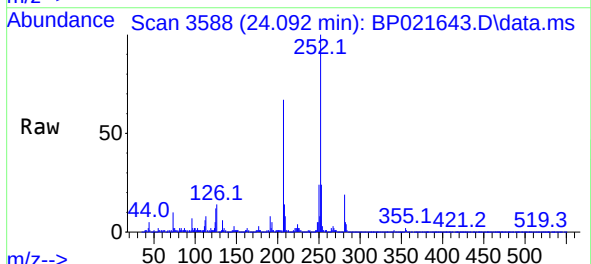
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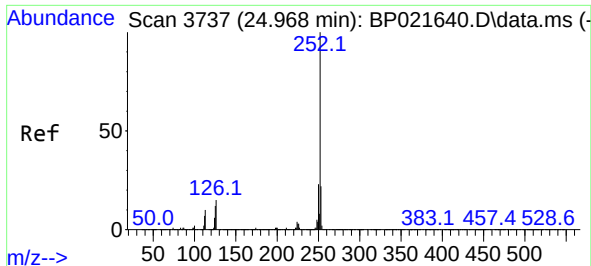
Reviewed By :Jagrut Upadhyay 08/27/2024
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#91
Benzo(k)fluoranthene
Concen: 3.582 ng/ul
RT: 24.092 min Scan# 3588
Delta R.T. -0.029 min
Lab File: BP021643.D
Acq: 26 Aug 2024 18:04

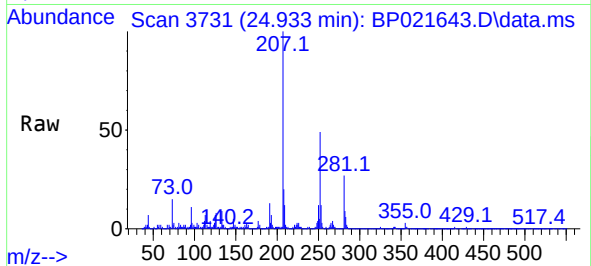
Tgt Ion:252 Resp: 400068
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.8
125 11.6 8.6 13.0





#93
Benzo(a)pyrene
Concen: 1.789 ng/ul
RT: 24.933 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP021643.D
Acq: 26 Aug 2024 18:04

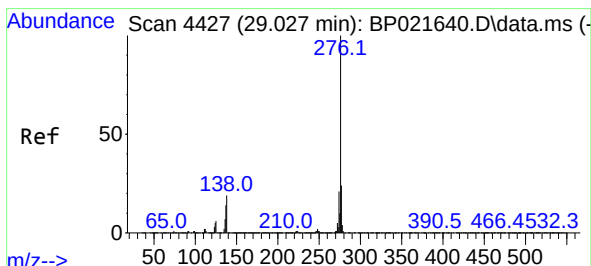
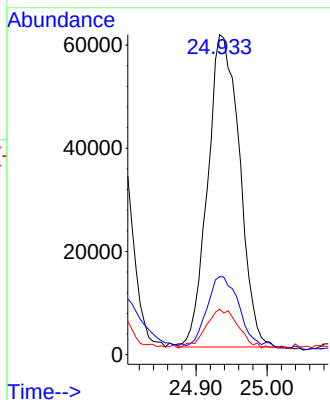
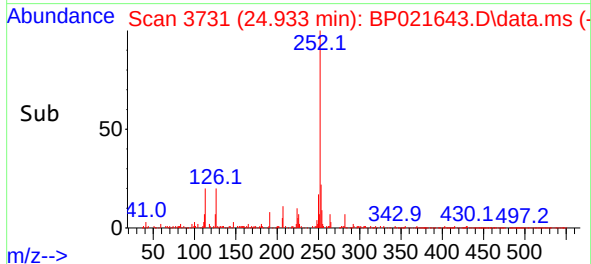
Instrument :
BNA_P
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Tgt Ion:252 Resp: 188078
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.0
125 14.2 9.6 14.4

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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.739 ng/ul m
RT: 28.962 min Scan# 4416
Delta R.T. -0.076 min
Lab File: BP021643.D
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Tgt Ion:276 Resp: 235716
Ion Ratio Lower Upper
276 100
138 17.7 14.9 22.3
277 25.7 19.0 28.6

