

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
 Data File : BP022181.D
 Acq On : 03 Oct 2024 04:20
 Operator : RC/JU
 Sample : P4017-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDC86

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 03 05:30:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	129638	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.457	136	506627	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.316	164	408871	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	909064	20.000	ng/u1	0.01
79) Chrysene-d12	21.539	240	971904	20.000	ng/u1	0.00
88) Perylene-d12	24.810	264	1204251	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	6091	1.840	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.887	99	155053	14.621	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	91198	13.966	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.240	132	123928	16.152	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	133003	15.828	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	61454	16.207	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.552	143	74290	17.279	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.093	165	151739	16.251	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	19250m	1.728	ng/u1	-0.04
46) Dimethylphthalate-d6	13.716	166	516321	16.336	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	553752	16.548	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	68548	12.679	ng/u1	0.01
60) Fluorene-d10	15.328	176	452391	16.181	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	62508	11.075	ng/u1	0.00
73) Anthracene-d10	17.222	188	701647	16.533	ng/u1	0.00
81) Pyrene-d10	19.586	212	864929	17.178	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.592	264	1036318	16.361	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.504	128	71088	2.667	ng/u1#	94
36) 2-Methylnaphthalene	12.110	142	246931	12.465	ng/u1	96
37) 1-Methylnaphthalene	12.334	142	339088	16.972	ng/u1	96
52) Acenaphthene	14.375	153	42024	1.657	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	14.981	232	5461028	578.115	ng/u1	98
61) Fluorene	15.381	166	39587	1.263	ng/u1#	89
71) Pentachlorophenol	16.816	266	25558290m	2889.895	ng/u1	
72) Phenanthrene	17.163	178	508494	10.668	ng/u1	99
80) Fluoranthene	19.239	202	341326	5.931	ng/u1	99
82) Pyrene	19.616	202	283874	4.582	ng/u1	97
85) Benzo(a)anthracene	21.522	228	79113	1.181	ng/u1	98
87) Chrysene	21.586	228	83779	1.333	ng/u1	95

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

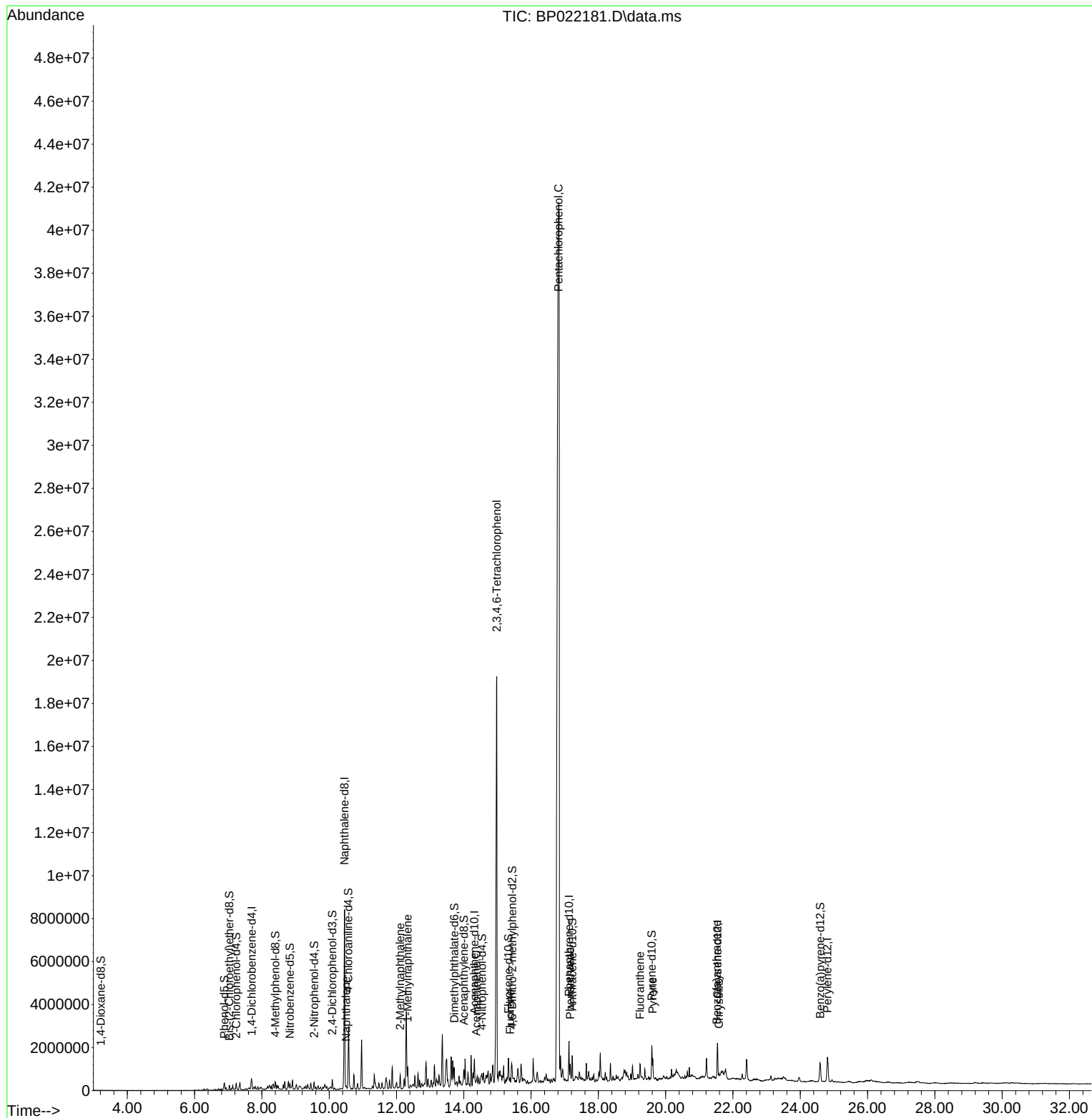
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022181.D
Acq On : 03 Oct 2024 04:20
Operator : RC/JU
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Misc :
ALS Vial : 26 Sample Multiplier: 1

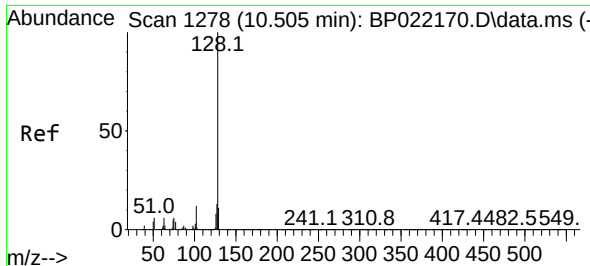
Instrument :
BNA_P
ClientSampleId :
DDC86

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Supervised By :mohammad ahmed 10/05/2024

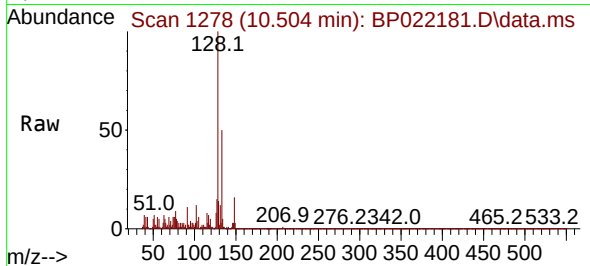
Quant Time: Oct 03 05:30:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 2.667 ng/ul
RT: 10.504 min Scan# 1278
Delta R.T. -0.018 min
Lab File: BP022181.D
Acq: 03 Oct 2024 04:20

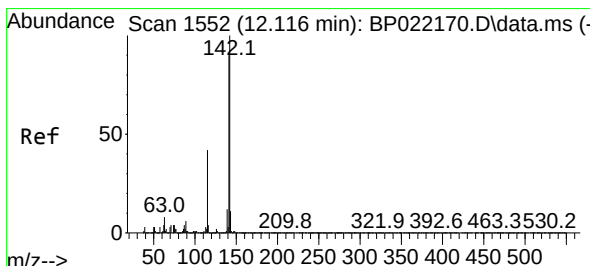
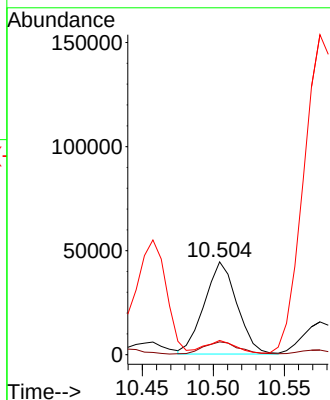
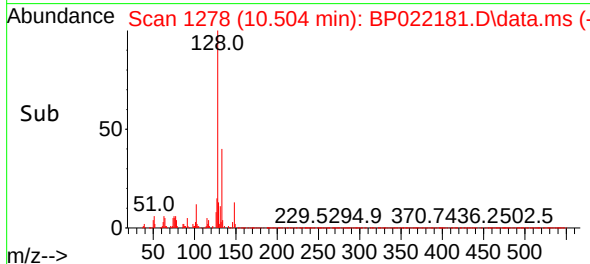
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:128 Resp: 71088
Ion Ratio Lower Upper
128 100
129 13.8 8.9 13.3
127 15.4 10.9 16.3

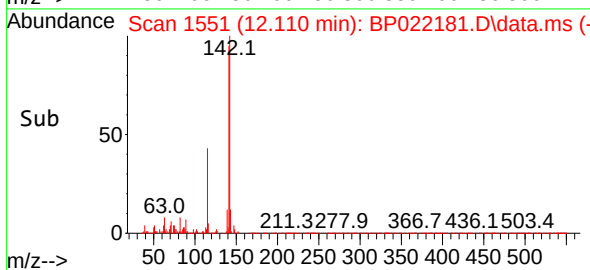
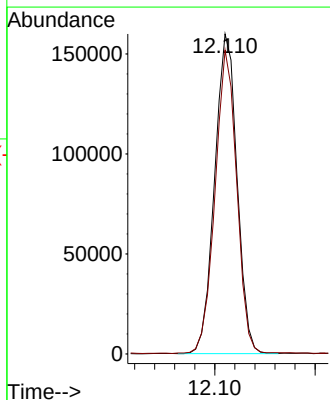
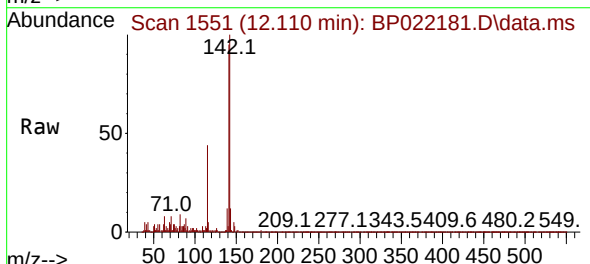
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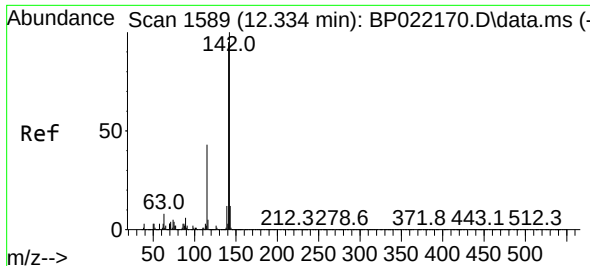
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#36
2-Methylnaphthalene
Concen: 12.465 ng/ul
RT: 12.110 min Scan# 1551
Delta R.T. -0.018 min
Lab File: BP022181.D
Acq: 03 Oct 2024 04:20

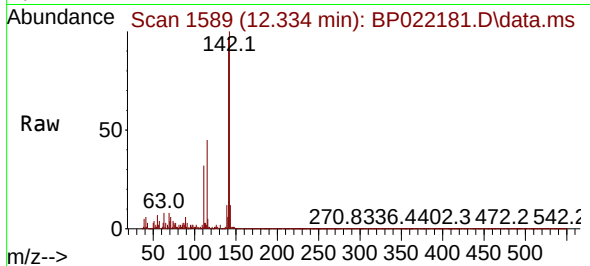
Tgt Ion:142 Resp: 246931
Ion Ratio Lower Upper
142 100
141 95.0 72.6 109.0





#37
1-Methylnaphthalene
Concen: 16.972 ng/ul
RT: 12.334 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BP022181.D
Acq: 03 Oct 2024 04:20

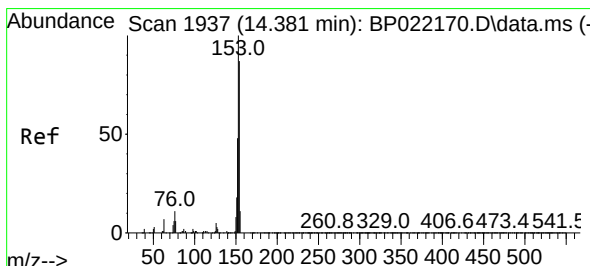
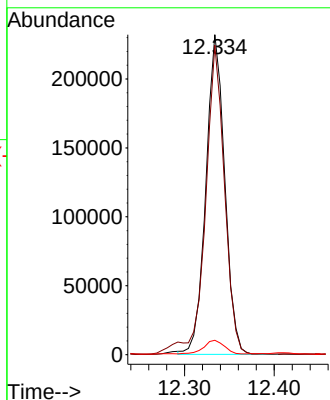
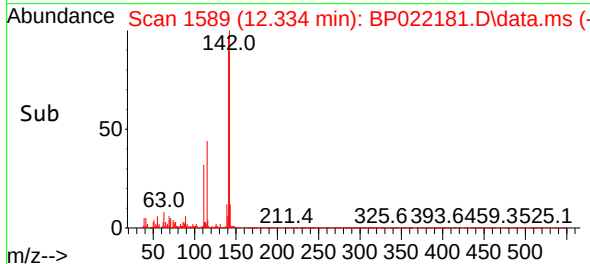
Instrument :
BNA_P
ClientSampleId :
DDC86



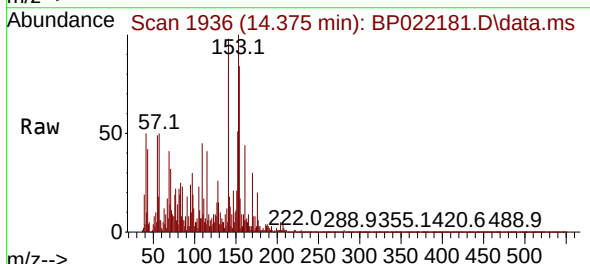
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Ion Ratio Lower Upper
142 100
141 96.7 74.6 111.8
116 4.5 3.9 5.9

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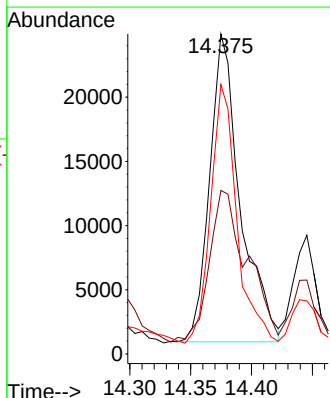
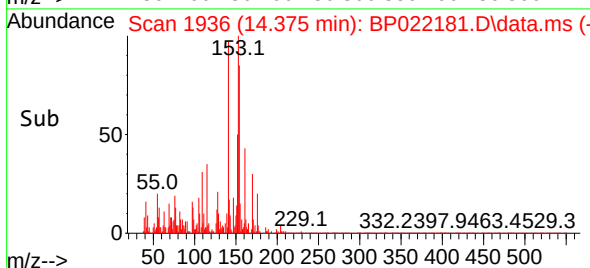
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

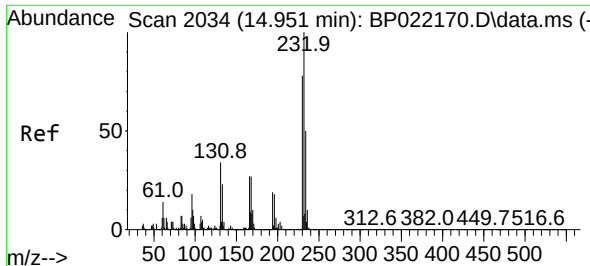


#52
Acenaphthene
Concen: 1.657 ng/ul
RT: 14.375 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BP022181.D
Acq: 03 Oct 2024 04:20



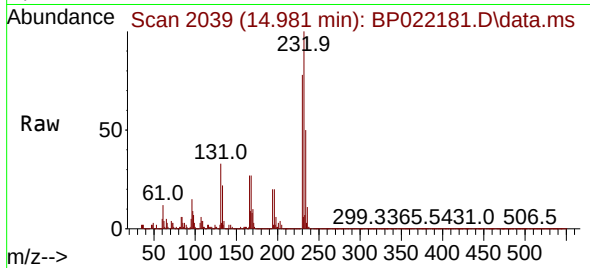
Tgt Ion:153 Resp: 42024
Ion Ratio Lower Upper
153 100
152 51.1 37.1 55.7
154 84.2 67.4 101.0





#58
2,3,4,6-Tetrachlorophenol
Concen: 578.115 ng/ul
RT: 14.981 min Scan# 2034
Delta R.T. 0.018 min
Lab File: BP022181.D
Acq: 03 Oct 2024 04:20

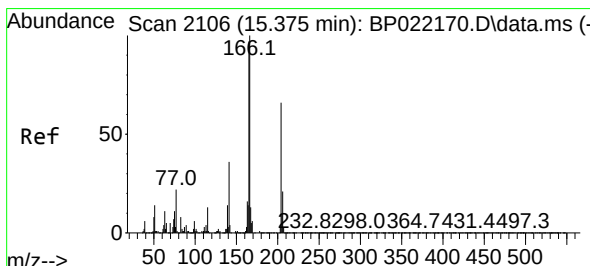
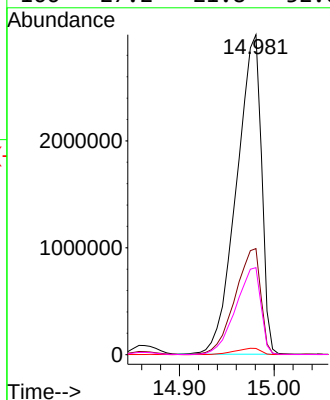
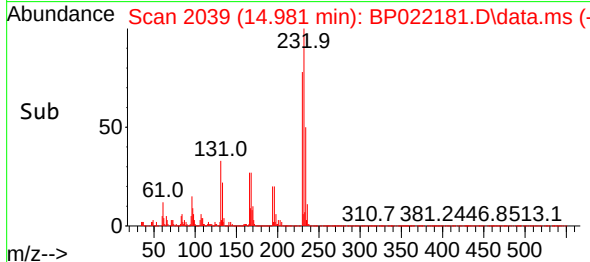
Instrument :
BNA_P
ClientSampleId :
DDC86



Tgt Ion:232 Resp: 5461028
Ion Ratio Lower Upper
232 100
131 33.1 28.2 42.2
130 2.0 1.8 2.6
166 27.2 21.8 32.6

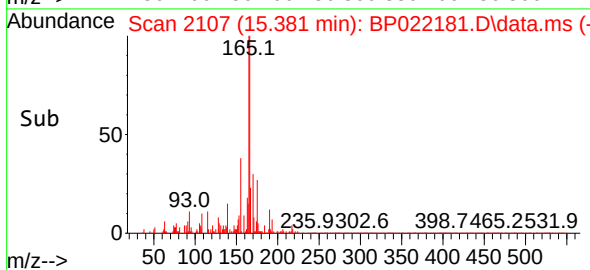
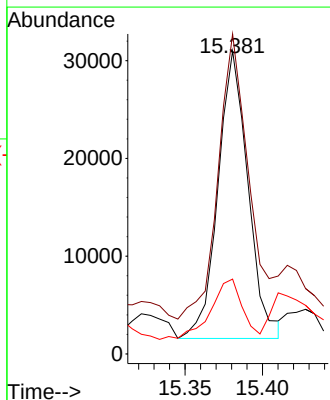
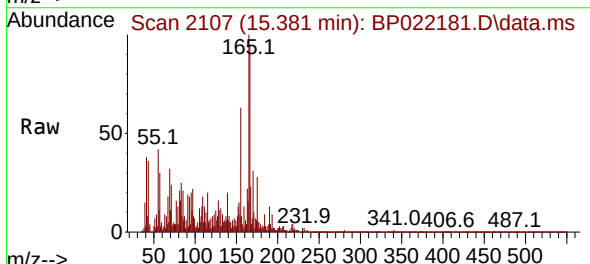
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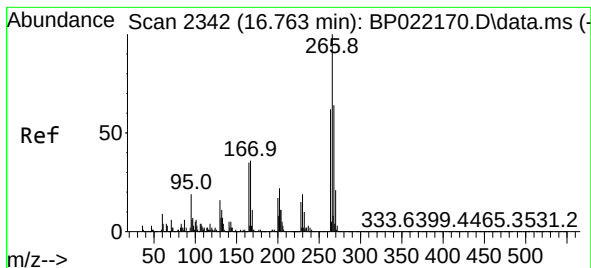
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#61
Fluorene
Concen: 1.263 ng/ul
RT: 15.381 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BP022181.D
Acq: 03 Oct 2024 04:20

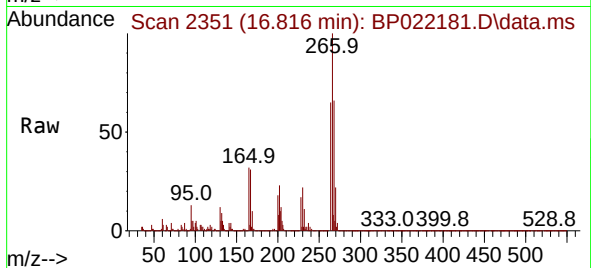
Tgt Ion:166 Resp: 39587
Ion Ratio Lower Upper
166 100
165 105.6 77.9 116.9
167 24.7 10.5 15.7#





#71
Pentachlorophenol
Concen: 2889.895 ng/ul m
RT: 16.816 min Scan# 21
Delta R.T. 0.059 min
Lab File: BP022181.D
Acq: 03 Oct 2024 04:20

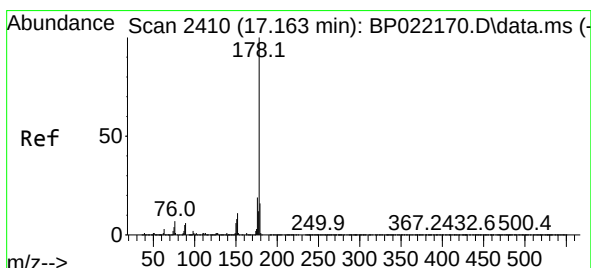
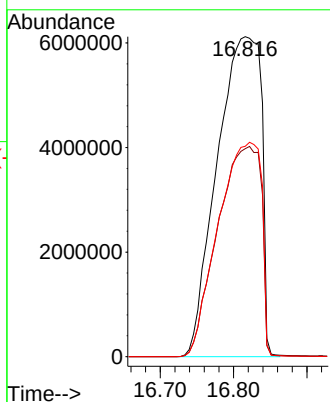
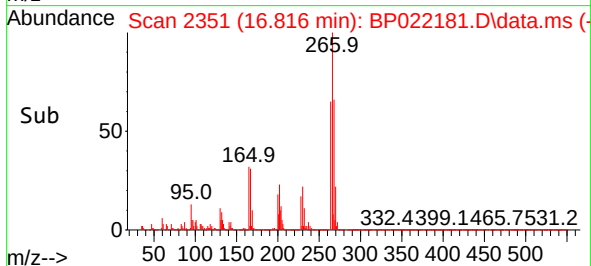
Instrument :
BNA_P
ClientSampleId :
DDC86



Tgt Ion:266 Resp:25558290
Ion Ratio Lower Upper
266 100
264 65.0 50.2 75.4
268 65.7 51.4 77.0

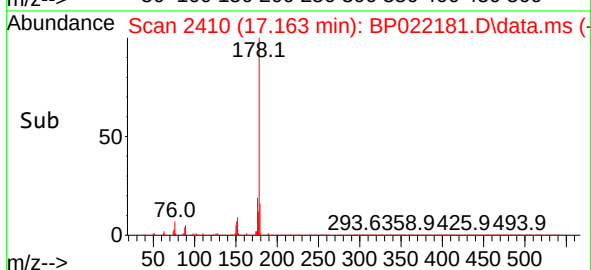
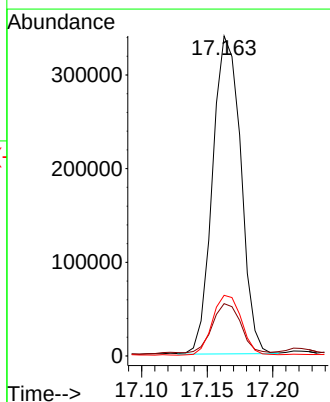
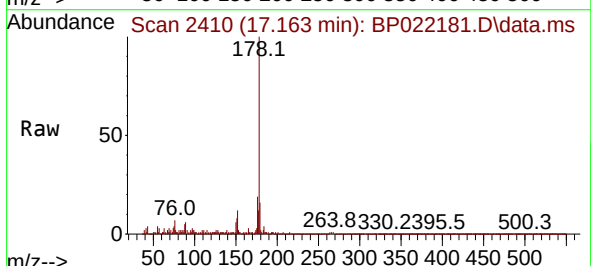
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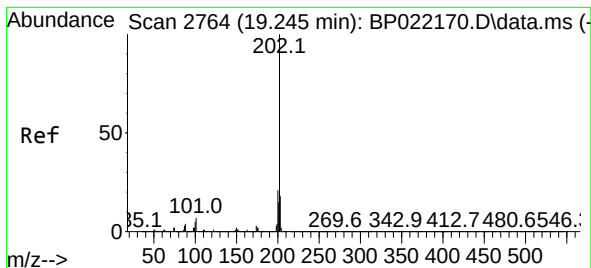
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#72
Phenanthrene
Concen: 10.668 ng/ul
RT: 17.163 min Scan# 2410
Delta R.T. 0.006 min
Lab File: BP022181.D
Acq: 03 Oct 2024 04:20

Tgt Ion:178 Resp: 508494
Ion Ratio Lower Upper
178 100
179 16.4 12.4 18.6
176 18.9 15.0 22.6





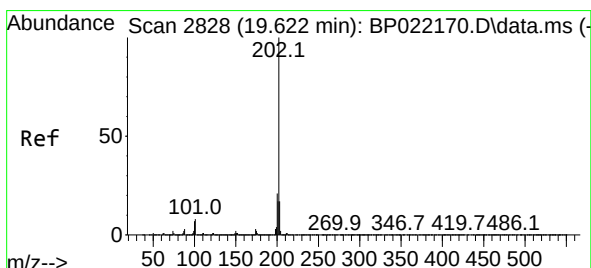
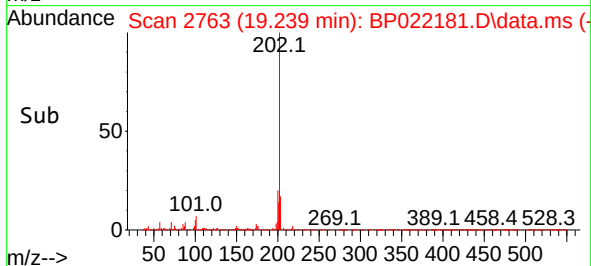
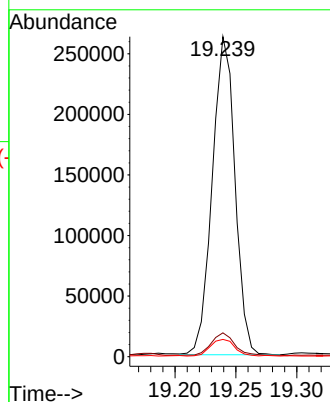
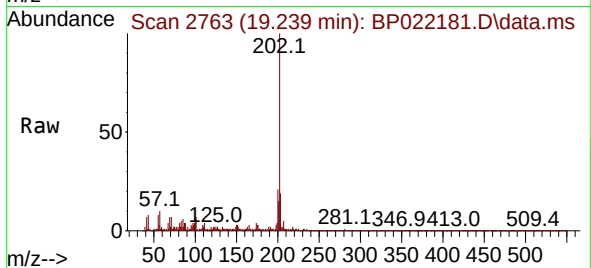
#80
Fluoranthene
Concen: 5.931 ng/u1
RT: 19.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP022181.D
Acq: 03 Oct 2024 04:20

Instrument :
BNA_P
ClientSampleId :
DDC86

Tgt Ion:202 Resp: 341320
Ion Ratio Lower Upper
202 100
101 7.5 5.8 8.6
100 5.4 4.6 7.0

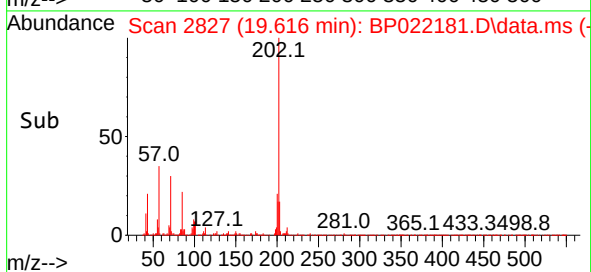
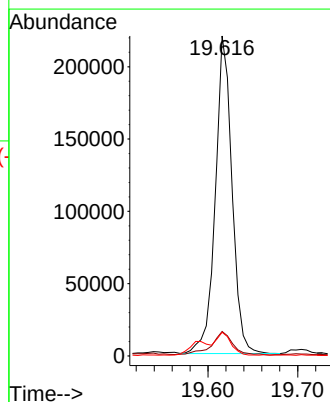
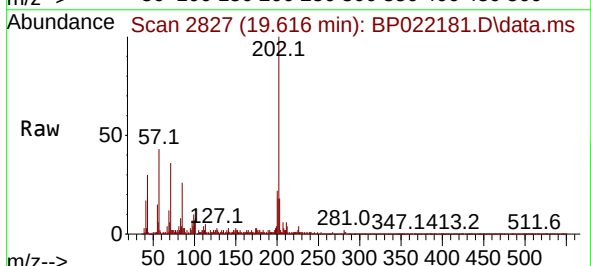
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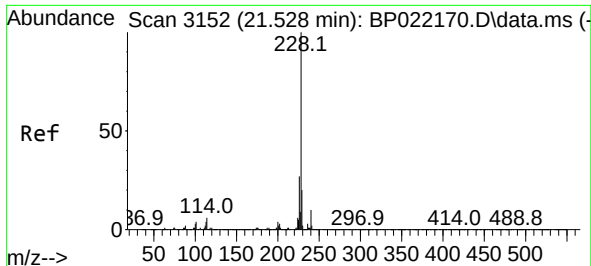
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#82
Pyrene
Concen: 4.582 ng/u1
RT: 19.616 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP022181.D
Acq: 03 Oct 2024 04:20

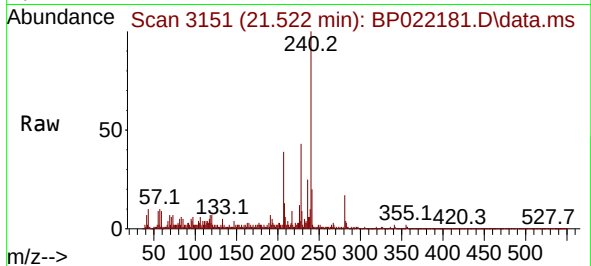
Tgt Ion:202 Resp: 283874
Ion Ratio Lower Upper
202 100
101 7.6 7.4 11.0
100 7.4 6.2 9.2





#85
Benzo(a)anthracene
Concen: 1.181 ng/ul
RT: 21.522 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BP022181.D
Acq: 03 Oct 2024 04:20

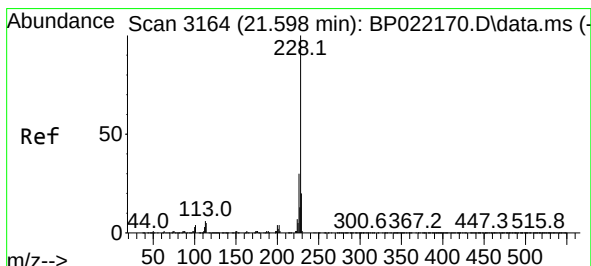
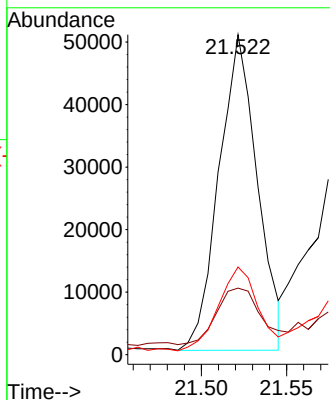
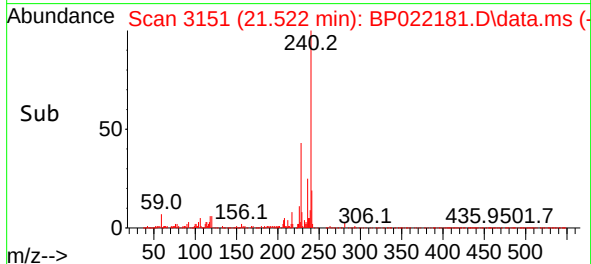
Instrument :
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Tgt Ion:228 Resp: 7911
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 27.4 21.4 32.2

Manual Integrations
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#87
Chrysene
Concen: 1.333 ng/ul
RT: 21.586 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BP022181.D
Acq: 03 Oct 2024 04:20

Tgt Ion:228 Resp: 83779
Ion Ratio Lower Upper
228 100
226 30.8 23.6 35.4
229 23.2 15.7 23.5

