

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
 Data File : BP022160.D
 Acq On : 02 Oct 2024 13:25
 Operator : RC/JU
 Sample : P4016-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCVW3

Manual Integrations
 APPROVED

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

Quant Time: Oct 02 14:06:21 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	143970	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.463	136	533229	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.328	164	400623	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.145	188	887798	20.000	ng/u1	0.03
79) Chrysene-d12	21.545	240	909065	20.000	ng/u1	0.00
88) Perylene-d12	24.845	264	1124655	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	10705	2.913	ng/uL	0.00
4) Pyridine-d5	3.634	84	158403	15.077	ng/u1	0.00
7) Phenol-d5	6.893	99	227663	19.331	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	145611	20.079	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	173210	20.328	ng/u1	0.00
15) 4-Methylphenol-d8	8.411	113	163460	17.516	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	84390	21.145	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	95849	21.181	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.105	165	192915	19.631	ng/u1	0.01
31) 4-Chloroaniline-d4	10.616	131	74902m	6.388	ng/u1	0.01
46) Dimethylphthalate-d6	13.722	166	566936	18.307	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	630558	19.231	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	86407	16.312	ng/u1	0.02
60) Fluorene-d10	15.334	176	497380	18.157	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	81599m	14.804	ng/u1	0.00
73) Anthracene-d10	17.234	188	798763	19.272	ng/u1	0.02
81) Pyrene-d10	19.598	212	938064	19.918	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.616	264	1094009	18.495	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.516	128	529870	18.885	ng/u1	98
36) 2-Methylnaphthalene	12.128	142	1024632	49.141	ng/u1	98
37) 1-Methylnaphthalene	12.340	142	592853	28.193	ng/u1	98
41) 2,4,6-Trichlorophenol	12.746	196	20647	2.325	ng/u1	94
42) 2,4,5-Trichlorophenol	12.822	196	44663	4.645	ng/u1	93
43) 1,1'-Biphenyl	13.140	154	96674	3.374	ng/u1#	65
52) Acenaphthene	14.393	153	78713	3.168	ng/u1	93
58) 2,3,4,6-Tetrachlorophenol	14.981	232	3595323	388.444	ng/u1	97
61) Fluorene	15.393	166	104803	3.412	ng/u1#	85
71) Pentachlorophenol	16.828	266	28889921m	3344.852	ng/u1	
72) Phenanthrene	17.181	178	523287	11.242	ng/u1#	96
86) Bis(2-ethylhexyl)phtha...	21.469	149	54189	1.829	ng/u1#	88

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

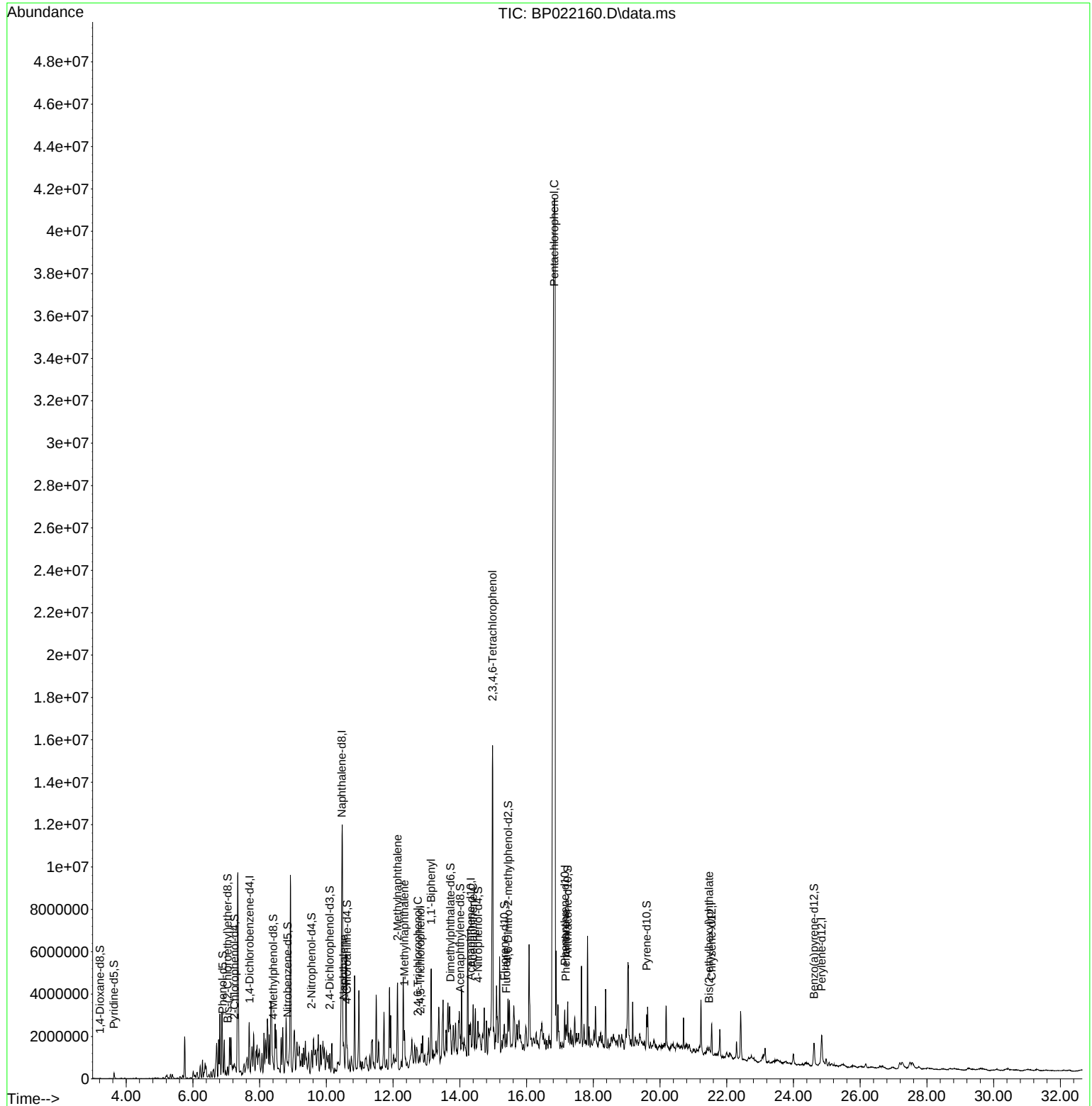
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022160.D
Acq On : 02 Oct 2024 13:25
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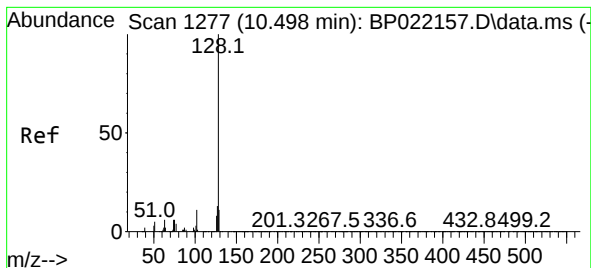
Instrument :
BNA_P
ClientSampleId :
DCVW3

Quant Time: Oct 02 14:06:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
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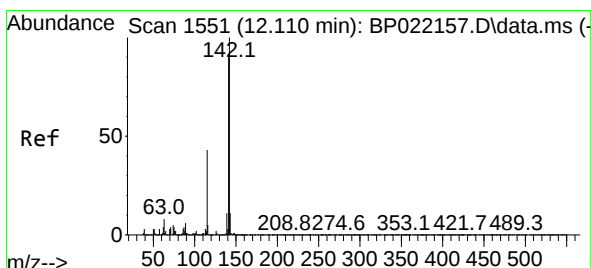
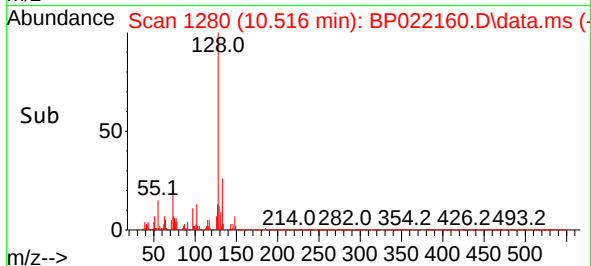
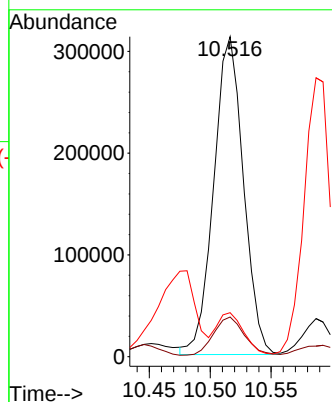
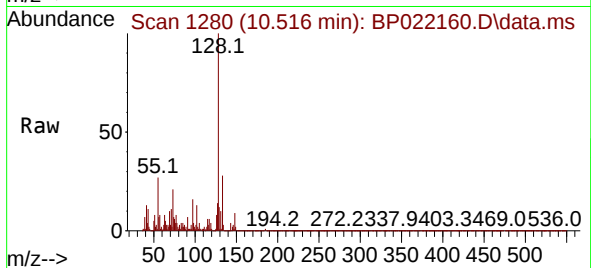
#30
Naphthalene
Concen: 18.885 ng/ul
RT: 10.516 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP022160.D
Acq: 02 Oct 2024 13:25

Instrument :
BNA_P
ClientSampleId :
DCVW3

Tgt Ion:128 Resp: 529870
Ion Ratio Lower Upper
128 100
129 12.4 8.9 13.3
127 13.8 10.9 16.3

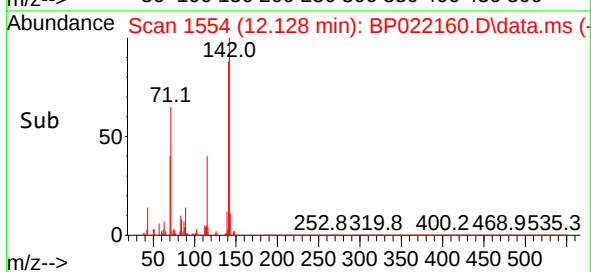
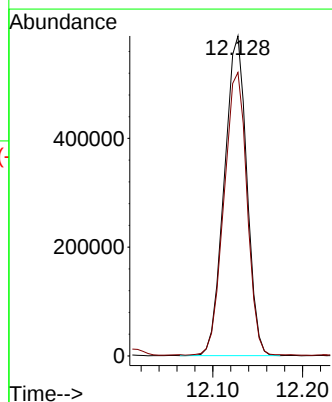
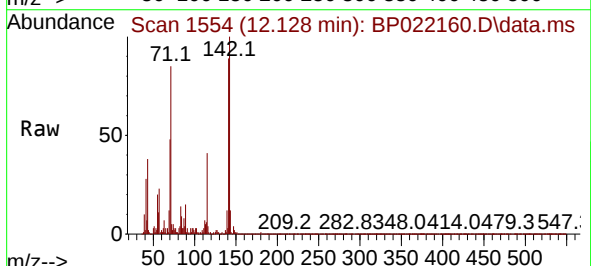
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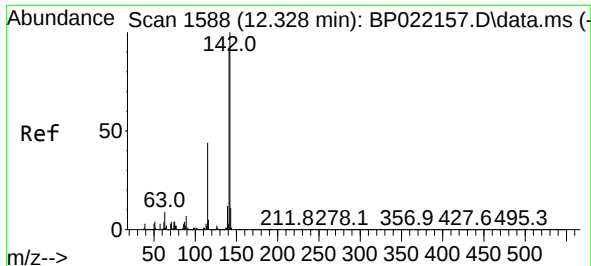
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#36
2-Methylnaphthalene
Concen: 49.141 ng/ul
RT: 12.128 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BP022160.D
Acq: 02 Oct 2024 13:25

Tgt Ion:142 Resp: 1024632
Ion Ratio Lower Upper
142 100
141 88.6 72.6 109.0





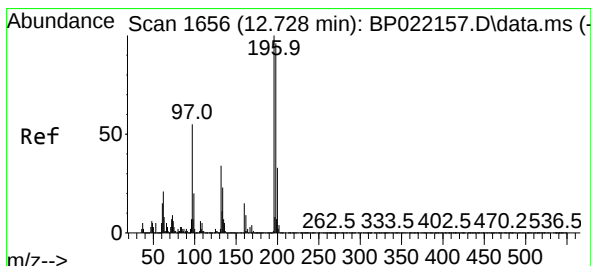
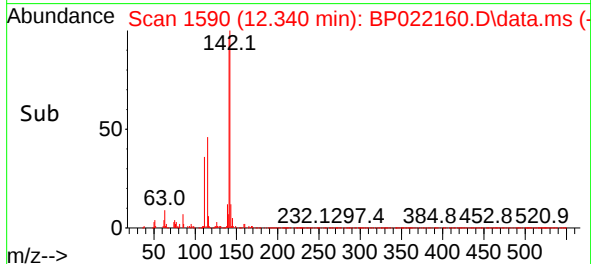
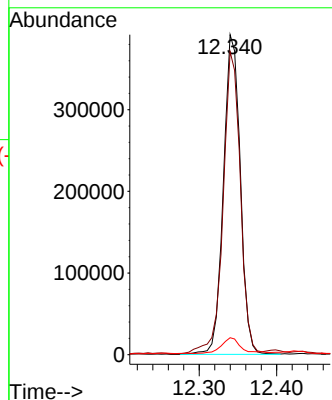
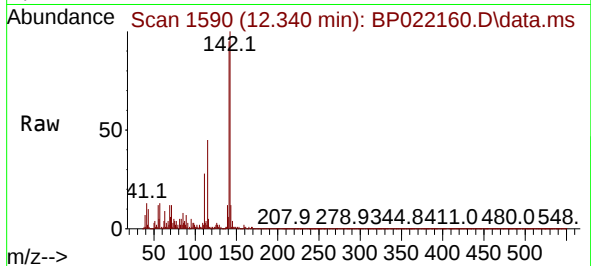
#37
1-Methylnaphthalene
Concen: 28.193 ng/ul
RT: 12.340 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BP022160.D
Acq: 02 Oct 2024 13:25

Instrument :
BNA_P
ClientSampleId :
DCVW3

Tgt Ion:142 Resp: 59285
Ion Ratio Lower Upper
142 100
141 94.7 74.6 111.8
116 5.3 3.9 5.9

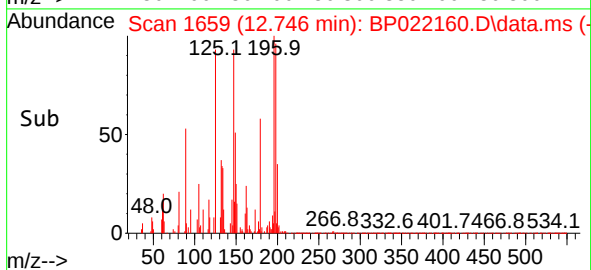
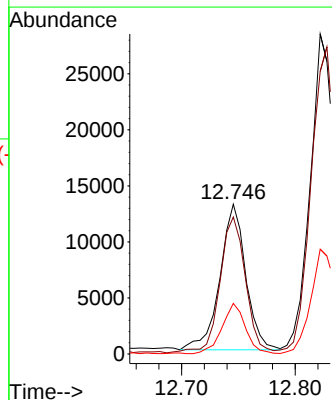
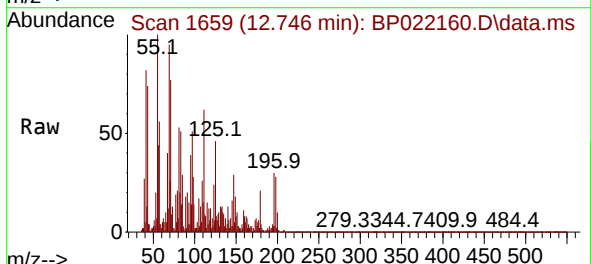
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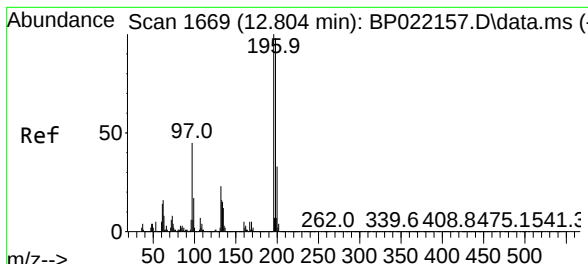
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#41
2,4,6-Trichlorophenol
Concen: 2.325 ng/ul
RT: 12.746 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BP022160.D
Acq: 02 Oct 2024 13:25

Tgt Ion:196 Resp: 20647
Ion Ratio Lower Upper
196 100
198 91.4 77.6 116.4
200 33.8 24.2 36.4





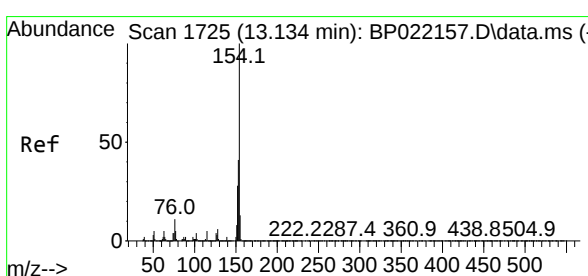
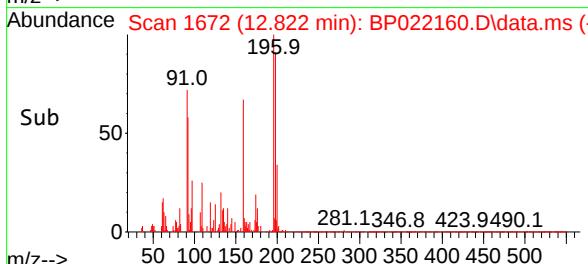
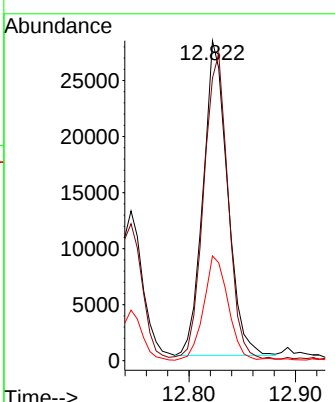
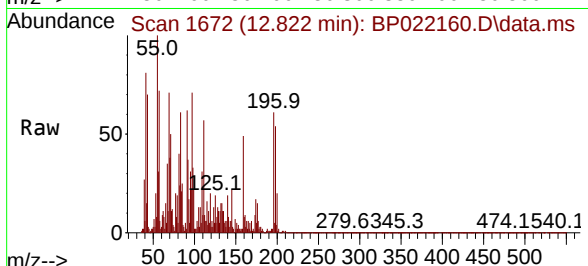
#42
 2,4,5-Trichlorophenol
 Concen: 4.645 ng/ul
 RT: 12.822 min Scan# 1672
 Delta R.T. 0.006 min
 Lab File: BP022160.D
 Acq: 02 Oct 2024 13:25

Instrument : BNA_P
 ClientSampleId : DCVW3

Tgt Ion:	196	Resp:	4466
Ion Ratio	Lower	Upper	
196	100		
198	88.3	78.2	117.2
200	32.7	26.1	39.1

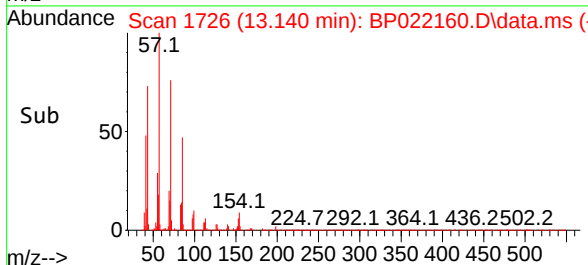
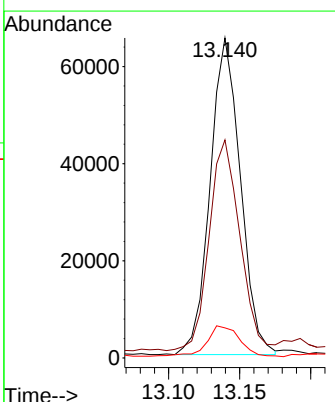
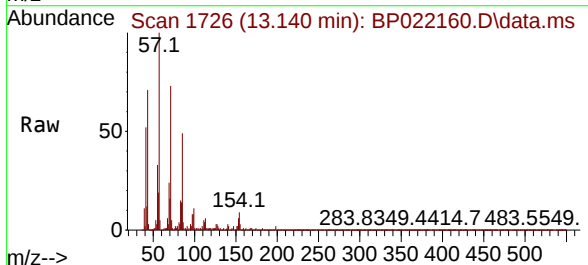
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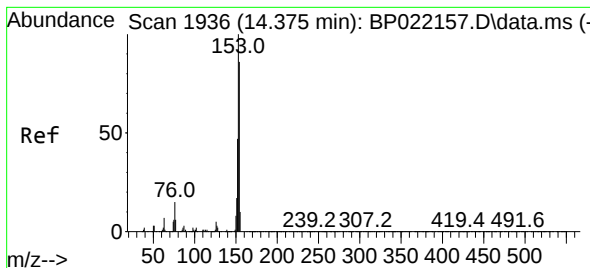
Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024



#43
 1,1'-Biphenyl
 Concen: 3.374 ng/ul
 RT: 13.140 min Scan# 1726
 Delta R.T. -0.012 min
 Lab File: BP022160.D
 Acq: 02 Oct 2024 13:25

Tgt Ion:	154	Resp:	96674
Ion Ratio	Lower	Upper	
154	100		
153	68.1	32.6	49.0#
76	9.4	10.1	15.1#





#52

Acenaphthene

Concen: 3.168 ng/ul

RT: 14.393 min Scan# 1936

Delta R.T. 0.006 min

Lab File: BP022160.D

Acq: 02 Oct 2024 13:25

Instrument :

BNA_P

ClientSampleId :

DCVW3

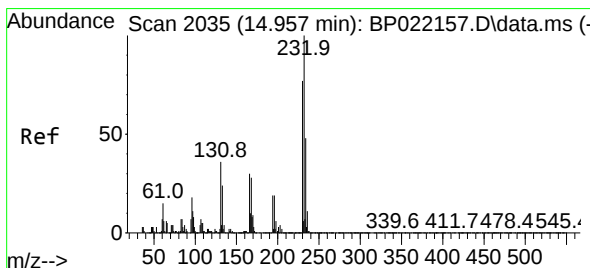
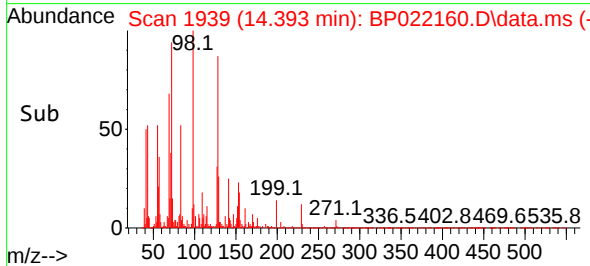
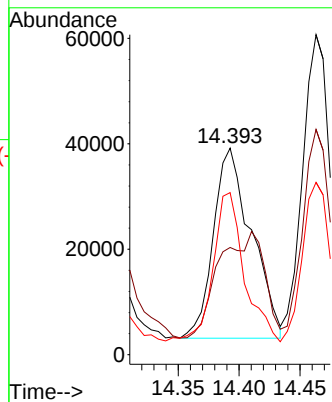
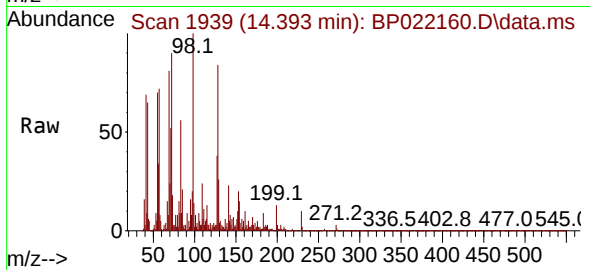
Tgt Ion:	153	Resp:	7871
Ion Ratio	Lower	Upper	
153	100		
152	51.9	37.1	55.7
154	78.5	67.4	101.0

Manual Integrations

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Supervised By :mohammad ahmed 10/05/2024



#58

2,3,4,6-Tetrachlorophenol

Concen: 388.444 ng/ul

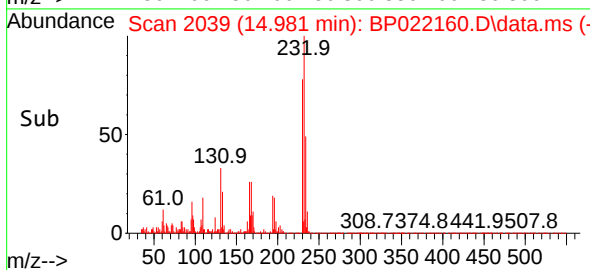
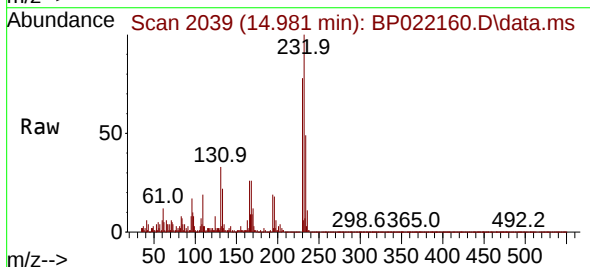
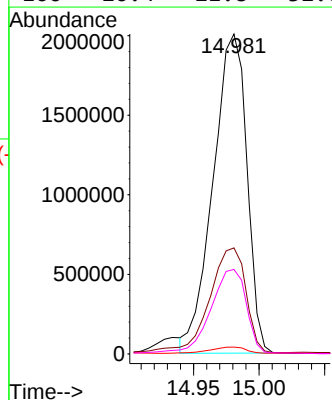
RT: 14.981 min Scan# 2039

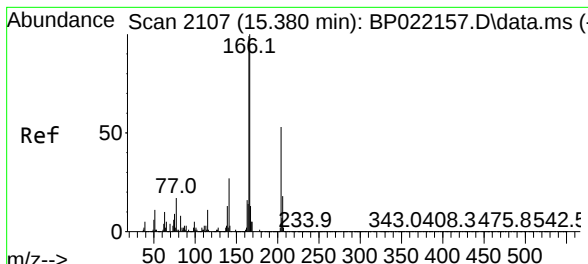
Delta R.T. 0.018 min

Lab File: BP022160.D

Acq: 02 Oct 2024 13:25

Tgt Ion:	232	Resp:	3595323
Ion Ratio	Lower	Upper	
232	100		
131	33.2	28.2	42.2
130	2.1	1.8	2.6
166	26.4	21.8	32.6



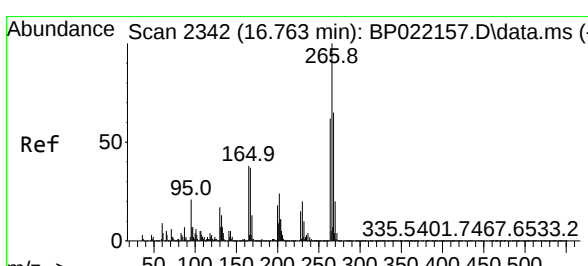
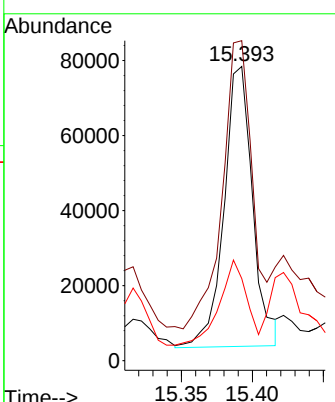
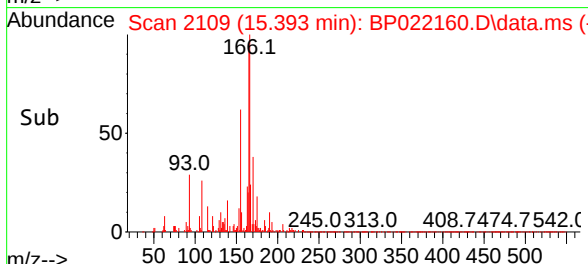
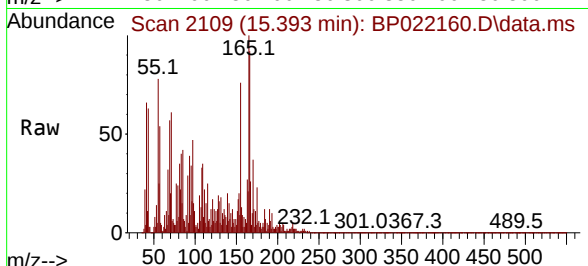


#61
 Fluorene
 Concen: 3.412 ng/ul
 RT: 15.393 min Scan# 2109
 Delta R.T. 0.012 min
 Lab File: BP022160.D
 Acq: 02 Oct 2024 13:25

Instrument : BNA_P
 ClientSampleId : DCVW3

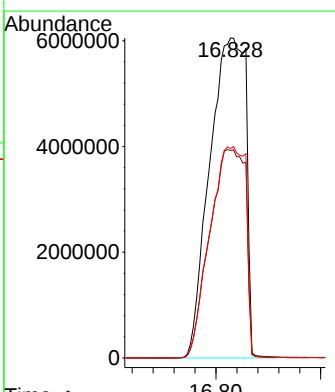
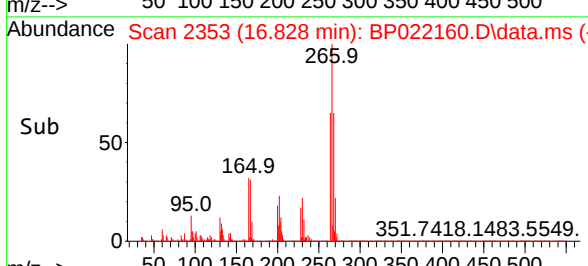
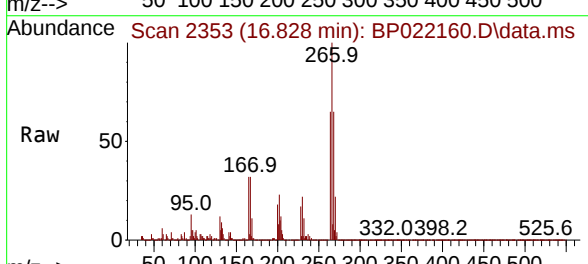
Tgt Ion:166	Resp: 10480
Ion Ratio	Lower Upper
166	100
165	108.8 77.9 116.9
167	27.9 10.5 15.7

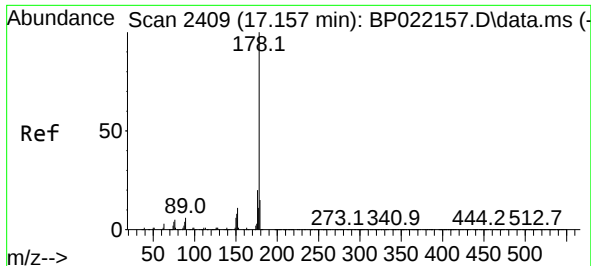
Manual Integrations
APPROVED
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#71
 Pentachlorophenol
 Concen: 3344.852 ng/ul m
 RT: 16.828 min Scan# 2353
 Delta R.T. 0.071 min
 Lab File: BP022160.D
 Acq: 02 Oct 2024 13:25

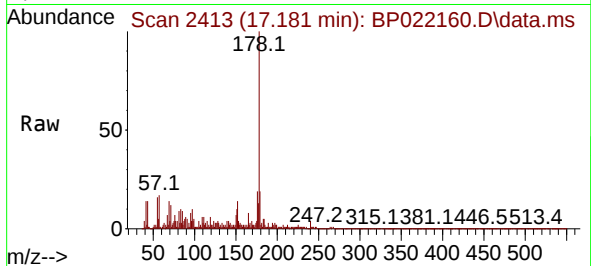
Tgt Ion:266	Resp:28889921
Ion Ratio	Lower Upper
266	100
264	64.9 50.2 75.4
268	65.5 51.4 77.0





#72
Phenanthrene
Concen: 11.242 ng/ul
RT: 17.181 min Scan# 2409
Delta R.T. 0.024 min
Lab File: BP022160.D
Acq: 02 Oct 2024 13:25

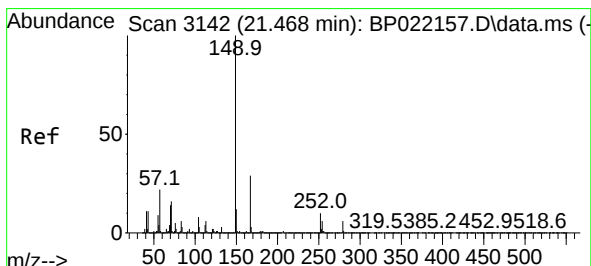
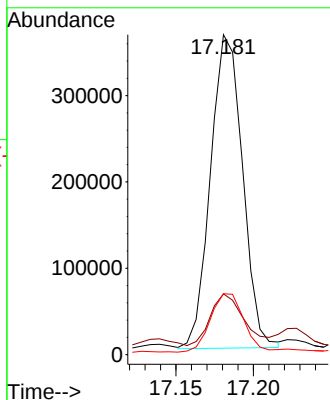
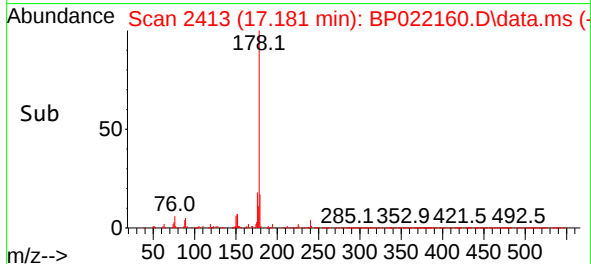
Instrument :
BNA_P
ClientSampleId :
DCVW3



Tgt Ion:178 Resp: 52328
Ion Ratio Lower Upper
178 100
179 19.0 12.4 18.6#
176 19.0 15.0 22.6#

Manual Integrations
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Supervised By :mohammad ahmed 10/05/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.829 ng/ul
RT: 21.469 min Scan# 3142
Delta R.T. 0.006 min
Lab File: BP022160.D
Acq: 02 Oct 2024 13:25

Tgt Ion:149 Resp: 54189
Ion Ratio Lower Upper
149 100
167 35.5 23.0 34.4#
279 8.4 4.5 6.7#

