

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
 Data File : BP022186.D
 Acq On : 03 Oct 2024 08:23
 Operator : RC/JU
 Sample : P4017-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDC96

Manual Integrations
 APPROVED

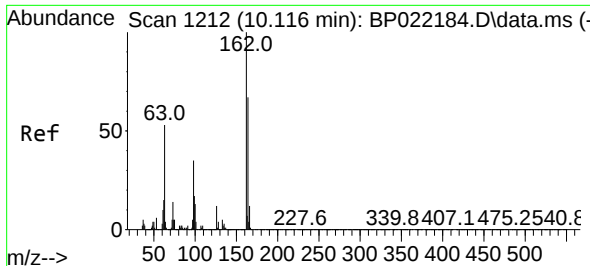
Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 03 09:02:02 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	7.705	152	134880	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	528899	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.322	164	386824	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.145	188	875472	20.000	ng/ul	0.03
79) Chrysene-d12	21.545	240	887078	20.000	ng/ul	0.00
88) Perylene-d12	24.839	264	1075873	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	9448	2.744	ng/uL	0.00
4) Pyridine-d5	3.640	84	91266	9.272	ng/ul	0.00
7) Phenol-d5	6.899	99	214542	19.445	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	152451	22.439	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	157469	19.726	ng/ul	0.00
15) 4-Methylphenol-d8	8.411	113	84552	9.671	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	93905	23.722	ng/ul	0.00
24) 2-Nitrophenol-d4	9.558	143	96019	21.392	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	186408	19.124	ng/ul	0.02
31) 4-Chloroaniline-d4	10.581	131	233167	20.048	ng/ul	-0.02
46) Dimethylphthalate-d6	13.722	166	596289	19.941	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	653040	20.628	ng/ul	0.00
54) 4-Nitrophenol-d4	14.546	143	146335	28.610	ng/ul	0.02
60) Fluorene-d10	15.322	176	531814	20.106	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	86520m	15.918	ng/ul	0.00
73) Anthracene-d10	17.240	188	853202	20.876	ng/ul	0.02
81) Pyrene-d10	19.592	212	989229	21.525	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.598	264	1135382	20.064	ng/ul	-0.01
Target Compounds					Qvalue	
29) 2,4-Dichlorophenol	10.134	162	24183	2.497	ng/ul#	89
30) Naphthalene	10.516	128	1490119	53.545	ng/ul	98
36) 2-Methylnaphthalene	12.134	142	2312146	111.798	ng/ul	98
37) 1-Methylnaphthalene	12.346	142	1337238	64.112	ng/ul	100
41) 2,4,6-Trichlorophenol	12.757	196	65028	7.585	ng/ul	99
42) 2,4,5-Trichlorophenol	12.834	196	24457	2.634	ng/ul	93
43) 1,1'-Biphenyl	13.146	154	251873	9.105	ng/ul#	92
52) Acenaphthene	14.387	153	146953	6.126	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.981	232	7830544	876.203	ng/ul	96
61) Fluorene	15.381	166	224087	7.555	ng/ul#	82
71) Pentachlorophenol	16.828	266	36045018m	4232.020	ng/ul	
72) Phenanthrene	17.187	178	919102	20.023	ng/ul	96
80) Fluoranthene	19.245	202	105937	2.017	ng/ul#	83
82) Pyrene	19.622	202	125428	2.218	ng/ul#	83
86) Bis(2-ethylhexyl)phtha...	21.457	149	64119	2.218	ng/ul#	86

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



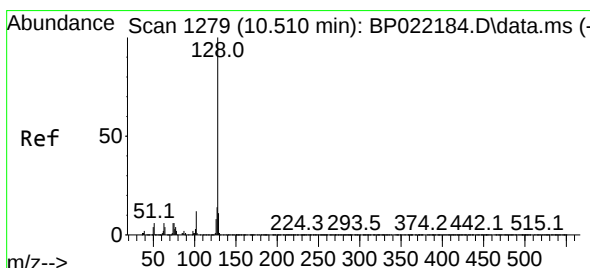
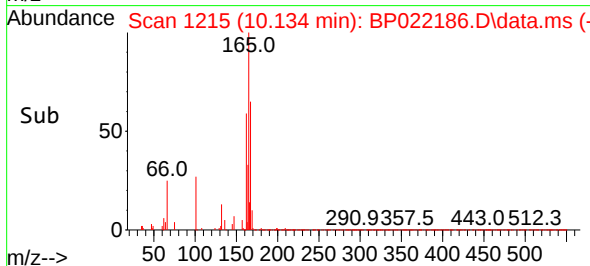
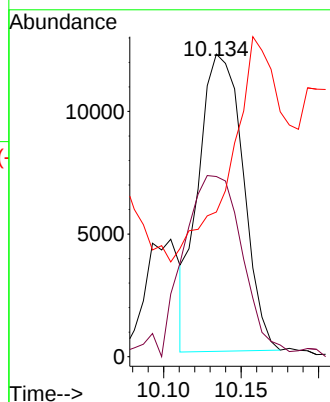
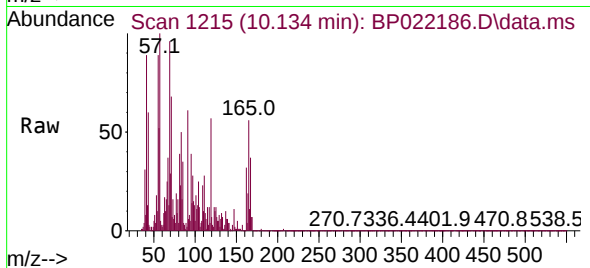
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2,4-Dichlorophenol
Concen: 2.497 ng/ul
RT: 10.134 min Scan# 1212
Delta R.T. 0.012 min
Lab File: BP022186.D
Acq: 03 Oct 2024 08:23

Instrument :
BNA_P
ClientSampleId :
DDC96

Tgt Ion:162 Resp: 2418
Ion Ratio Lower Upper
162 100
164 59.6 52.4 78.6
98 47.8 29.8 44.8

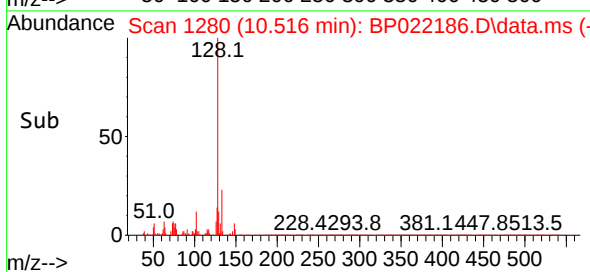
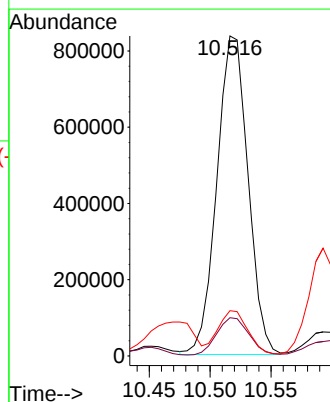
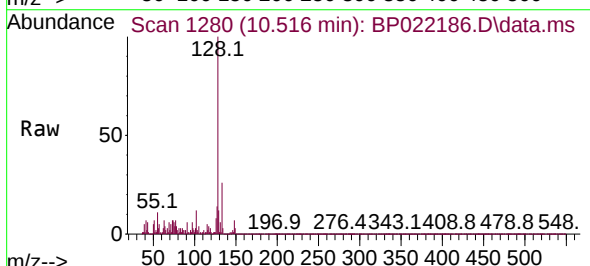
Manual Integrations
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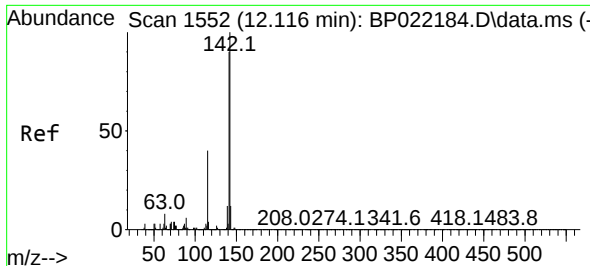
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#30
Naphthalene
Concen: 53.545 ng/ul
RT: 10.516 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BP022186.D
Acq: 03 Oct 2024 08:23

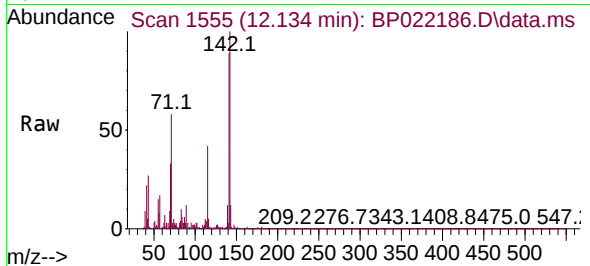
Tgt Ion:128 Resp: 1490119
Ion Ratio Lower Upper
128 100
129 11.9 8.9 13.3
127 14.2 10.9 16.3





#36
2-Methylnaphthalene
Concen: 111.798 ng/ul
RT: 12.134 min Scan# 1552
Delta R.T. 0.006 min
Lab File: BP022186.D
Acq: 03 Oct 2024 08:23

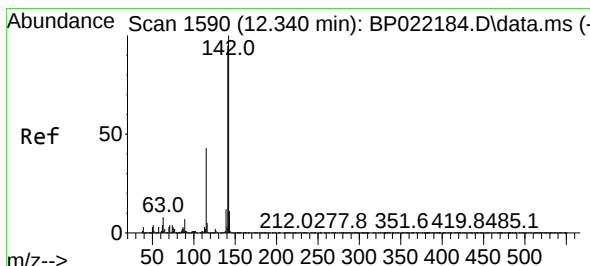
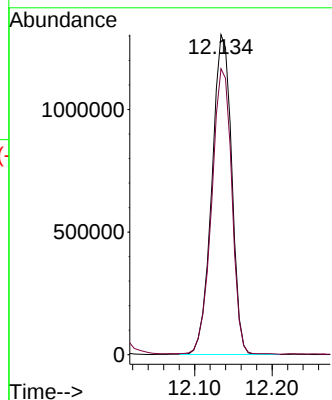
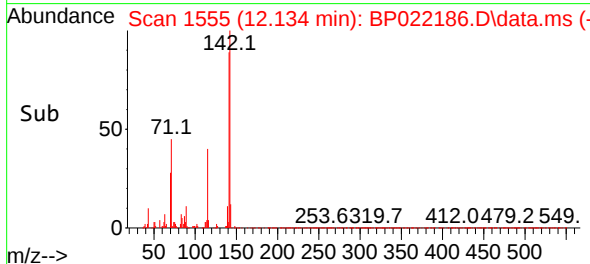
Instrument :
BNA_P
ClientSampleId :
DDC96



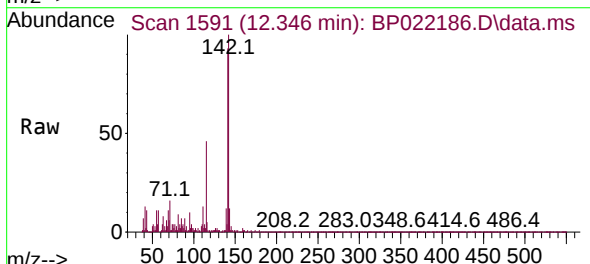
Tgt Ion:142 Resp: 2312140
Ion Ratio Lower Upper
142 100
141 89.3 72.6 109.0

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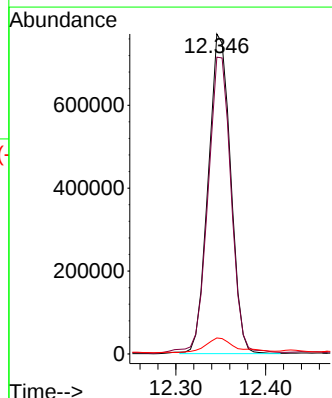
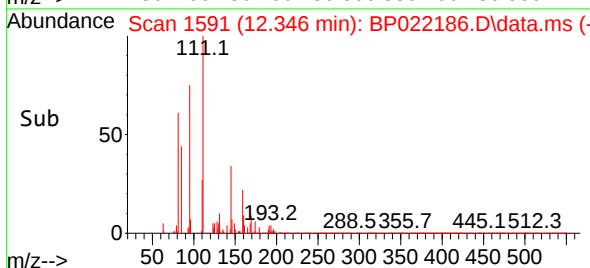
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

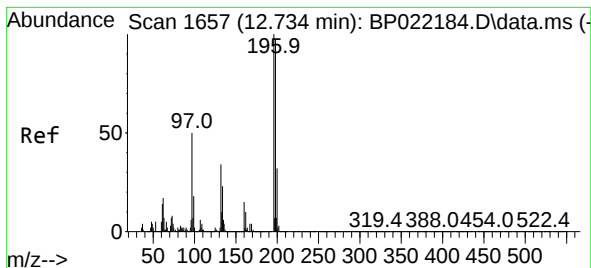


#37
1-Methylnaphthalene
Concen: 64.112 ng/ul
RT: 12.346 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BP022186.D
Acq: 03 Oct 2024 08:23



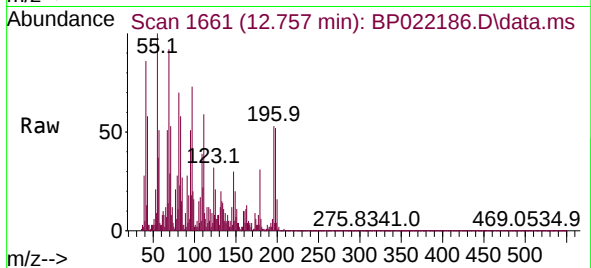
Tgt Ion:142 Resp: 1337238
Ion Ratio Lower Upper
142 100
141 92.7 74.6 111.8
116 5.0 3.9 5.9





#41
2,4,6-Trichlorophenol
Concen: 7.585 ng/ul
RT: 12.757 min Scan# 1661
Delta R.T. 0.012 min
Lab File: BP022186.D
Acq: 03 Oct 2024 08:23

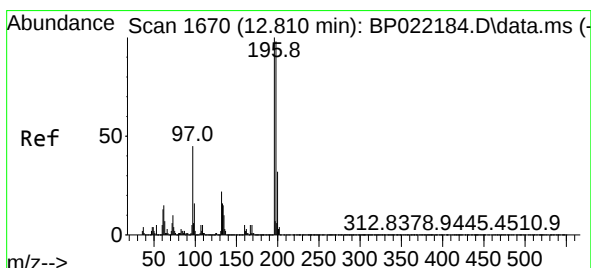
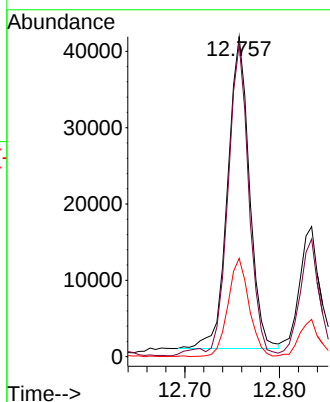
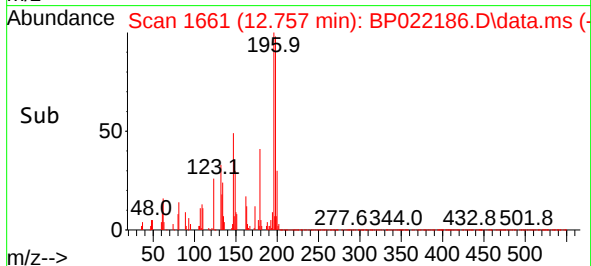
Instrument :
BNA_P
ClientSampleId :
DDC96



Tgt Ion:196 Resp: 65028
Ion Ratio Lower Upper
196 100
198 97.7 77.6 116.4
200 30.7 24.2 36.4

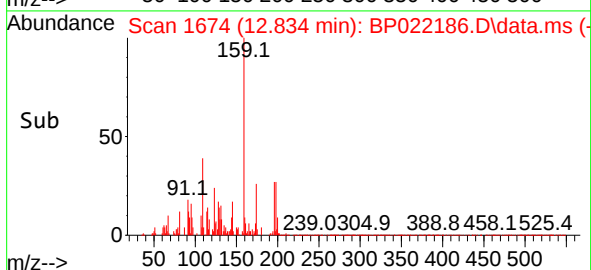
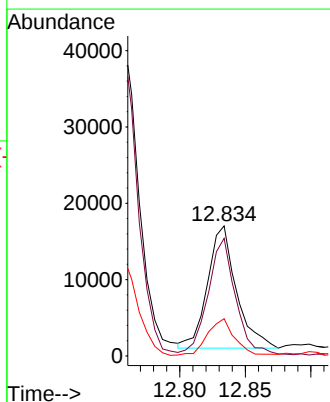
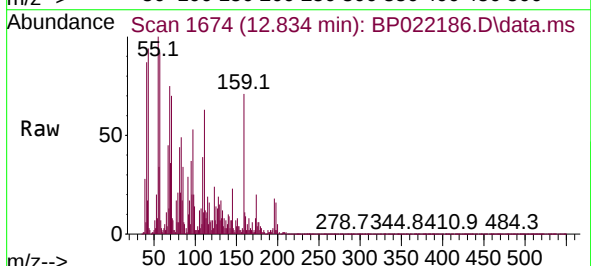
Manual Integrations
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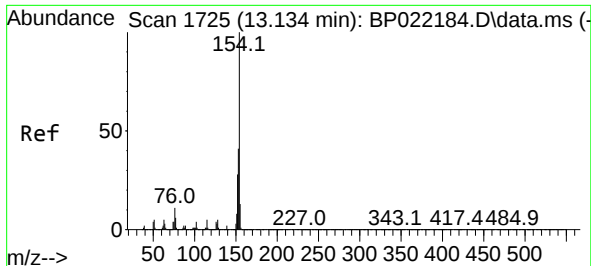
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#42
2,4,5-Trichlorophenol
Concen: 2.634 ng/ul
RT: 12.834 min Scan# 1674
Delta R.T. 0.018 min
Lab File: BP022186.D
Acq: 03 Oct 2024 08:23

Tgt Ion:196 Resp: 24457
Ion Ratio Lower Upper
196 100
198 90.3 78.2 117.2
200 28.6 26.1 39.1





#43
1,1'-Biphenyl
Concen: 9.105 ng/ul
RT: 13.146 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP022186.D
Acq: 03 Oct 2024 08:23

Instrument :

BNA_P

ClientSampleId :

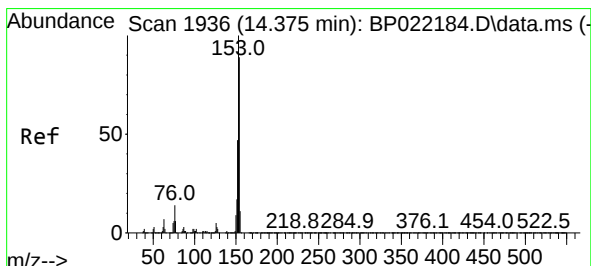
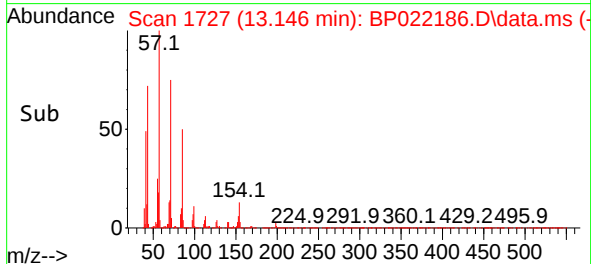
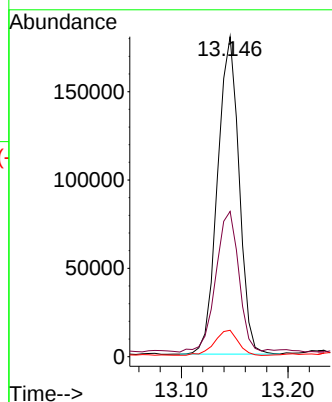
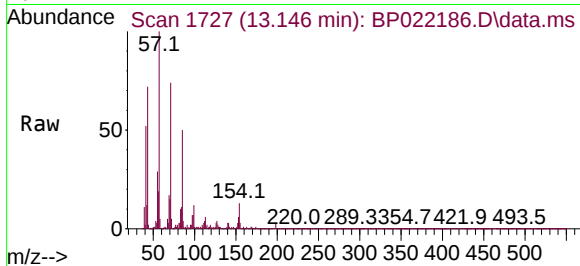
DDC96

Tgt Ion:154 Resp: 25187
Ion Ratio Lower Upper
154 100
153 45.4 32.6 49.0
76 8.2 10.1 15.1

Manual Integrations

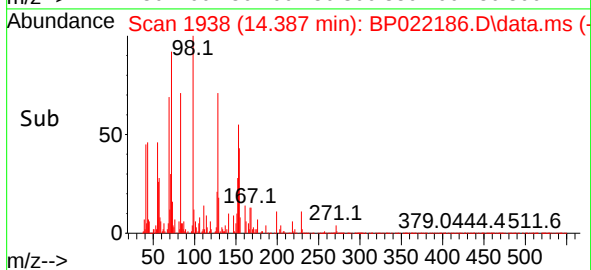
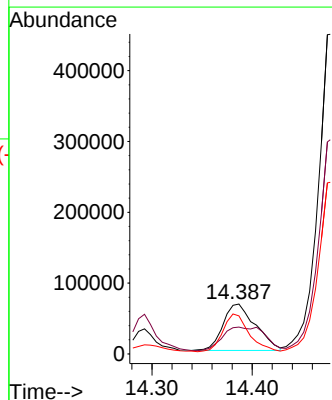
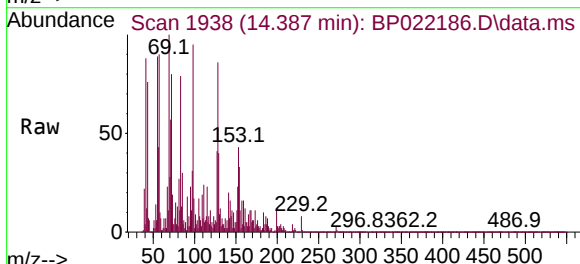
APPROVED

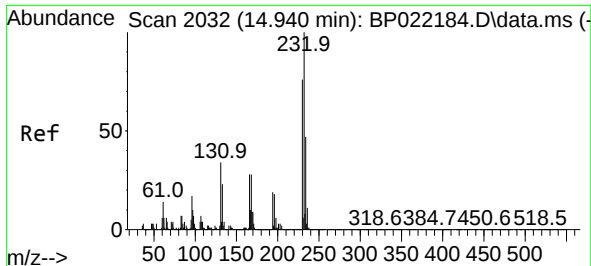
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#52
Acenaphthene
Concen: 6.126 ng/ul
RT: 14.387 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BP022186.D
Acq: 03 Oct 2024 08:23

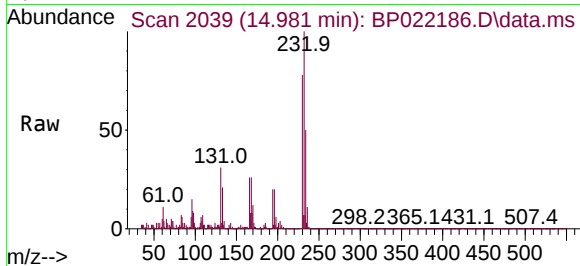
Tgt Ion:153 Resp: 146953
Ion Ratio Lower Upper
153 100
152 53.7 37.1 55.7
154 76.1 67.4 101.0





#58
2,3,4,6-Tetrachlorophenol
Concen: 876.203 ng/ul
RT: 14.981 min Scan# 2032
Delta R.T. 0.018 min
Lab File: BP022186.D
Acq: 03 Oct 2024 08:23

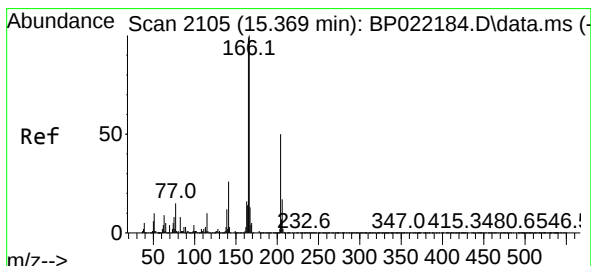
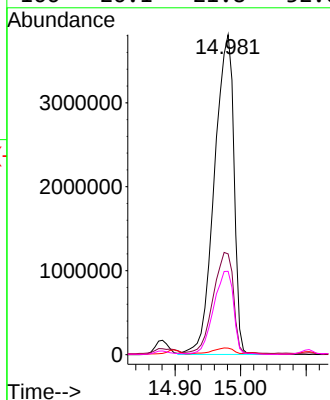
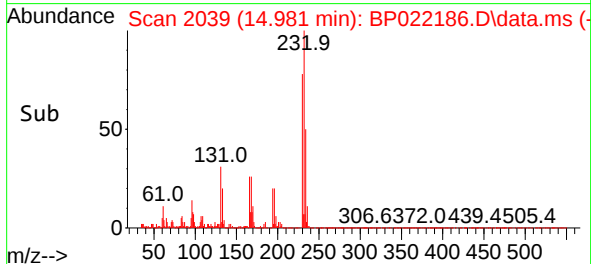
Instrument :
BNA_P
ClientSampleId :
DDC96



Tgt Ion:232 Resp: 783054
Ion Ratio Lower Upper
232 100
131 31.5 28.2 42.2
130 2.0 1.8 2.6
166 26.1 21.8 32.6

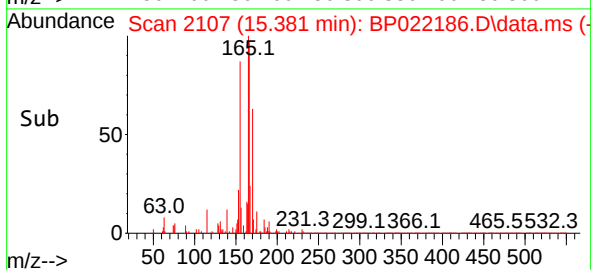
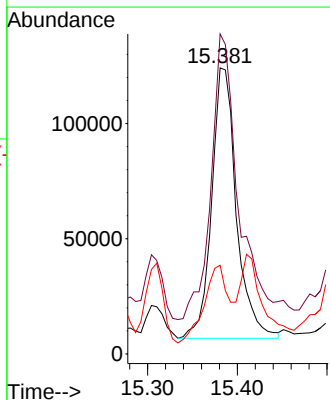
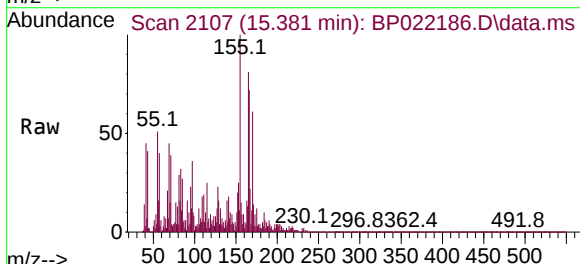
Manual Integrations
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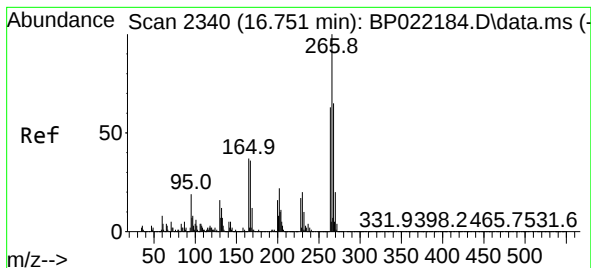
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#61
Fluorene
Concen: 7.555 ng/ul
RT: 15.381 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BP022186.D
Acq: 03 Oct 2024 08:23

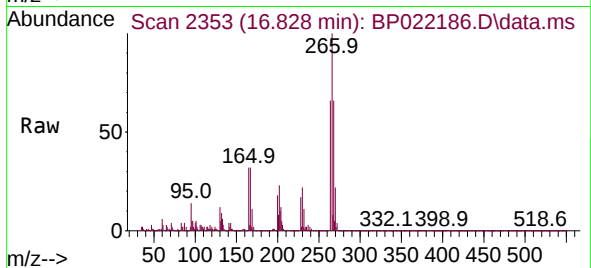
Tgt Ion:166 Resp: 224087
Ion Ratio Lower Upper
166 100
165 111.9 77.9 116.9
167 31.0 10.5 15.7#





#71
Pentachlorophenol
Concen: 4232.020 ng/ul m
RT: 16.828 min Scan# 2118
Delta R.T. 0.071 min
Lab File: BP022186.D
Acq: 03 Oct 2024 08:23

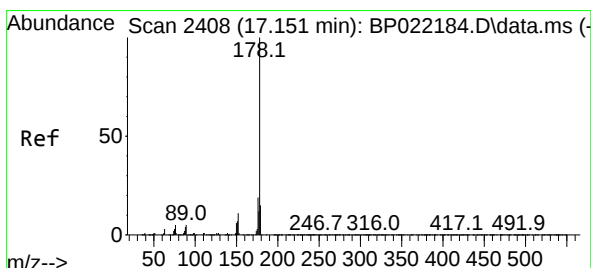
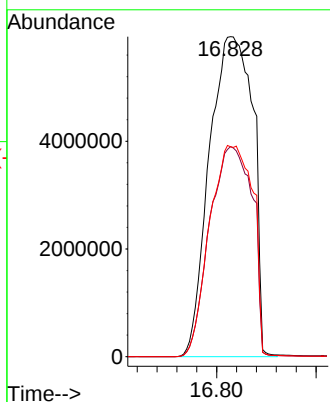
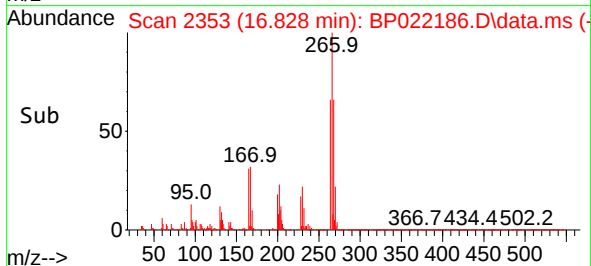
Instrument :
BNA_P
ClientSampleId :
DDC96



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Ion Ratio Lower Upper
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264 65.7 50.2 75.4
268 65.6 51.4 77.0

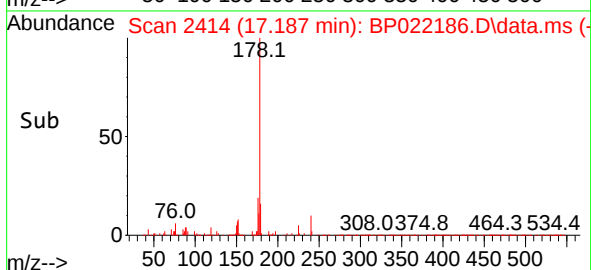
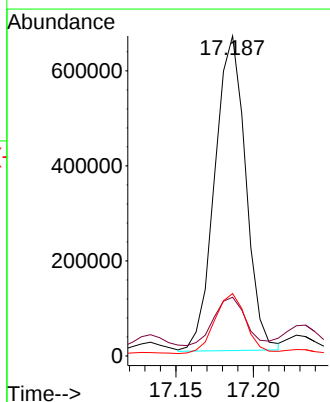
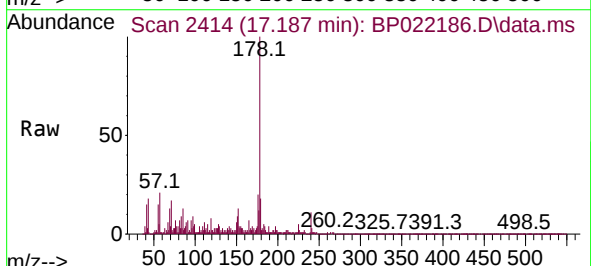
Manual Integrations
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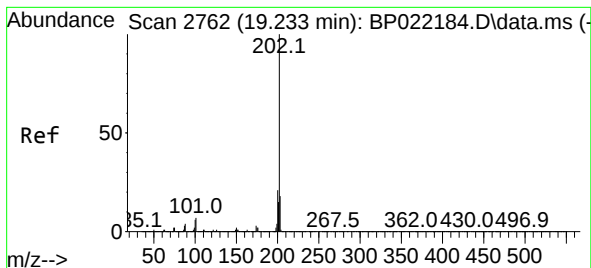
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#72
Phenanthrene
Concen: 20.023 ng/ul
RT: 17.187 min Scan# 2414
Delta R.T. 0.030 min
Lab File: BP022186.D
Acq: 03 Oct 2024 08:23

Tgt Ion:178 Resp: 919102
Ion Ratio Lower Upper
178 100
179 18.4 12.4 18.6
176 19.5 15.0 22.6





#80

Fluoranthene

Concen: 2.017 ng/u1

RT: 19.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP022186.D

Acq: 03 Oct 2024 08:23

Instrument :

BNP_P

ClientSampleId :

DDC96

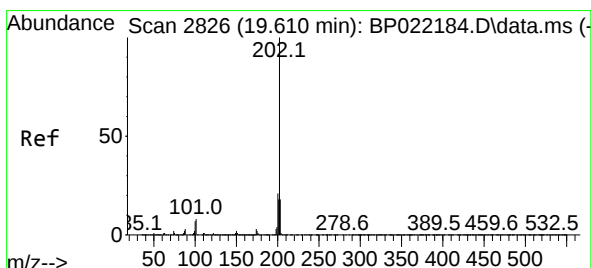
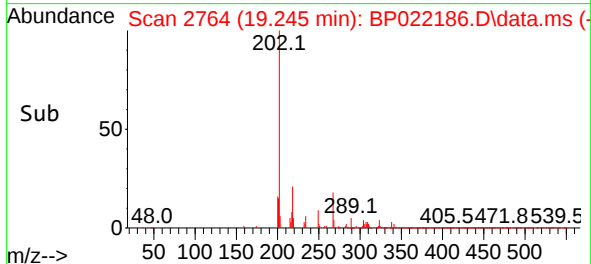
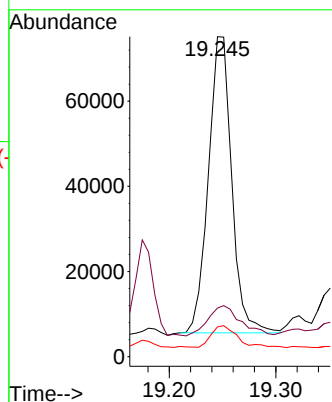
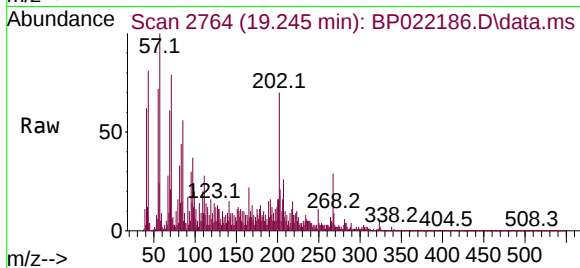
Tgt Ion:	202	Resp:	10593
Ion Ratio	Lower	Upper	
202	100		
101	15.2	5.8	8.6
100	9.3	4.6	7.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#82

Pyrene

Concen: 2.218 ng/u1

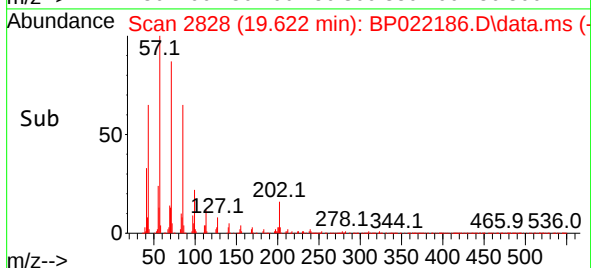
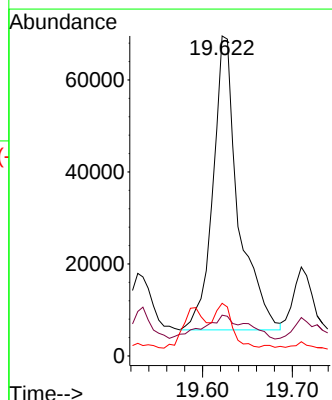
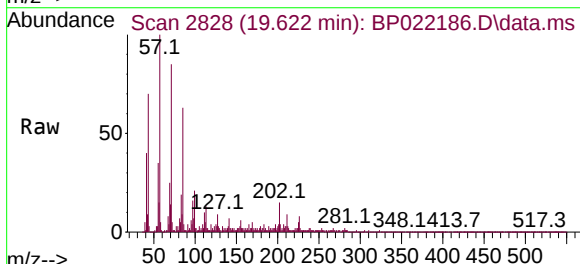
RT: 19.622 min Scan# 2828

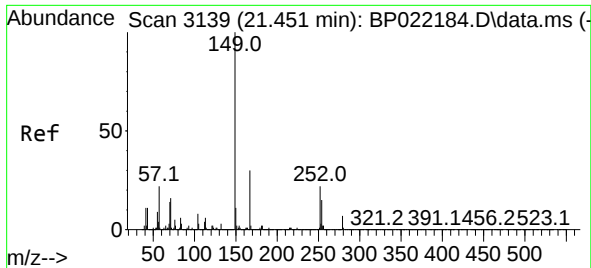
Delta R.T. 0.006 min

Lab File: BP022186.D

Acq: 03 Oct 2024 08:23

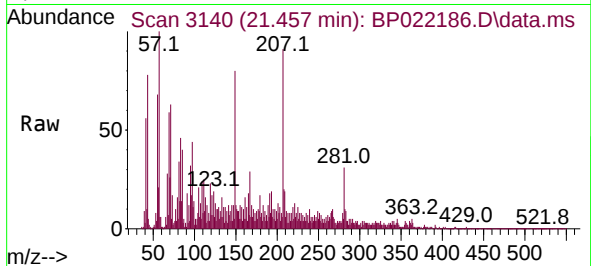
Tgt Ion:	202	Resp:	125428
Ion Ratio	Lower	Upper	
202	100		
101	12.8	7.4	11.0#
100	16.5	6.2	9.2#





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.218 ng/ul
 RT: 21.457 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP022186.D
 Acq: 03 Oct 2024 08:23

Instrument :
 BNA_P
 ClientSampleId :
 DDC96



Tgt Ion:	149	Resp:	64119
Ion	Ratio	Lower	Upper
149	100		
167	36.1	23.0	34.4
279	10.1	4.5	6.7

Manual Integrations
 APPROVED

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

