

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
 Data File : BP022187.D
 Acq On : 03 Oct 2024 09:04
 Operator : RC/JU
 Sample : P4017-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DD6D6

Manual Integrations
 APPROVED

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

Quant Time: Oct 03 23:35:05 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

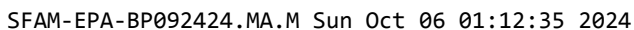
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

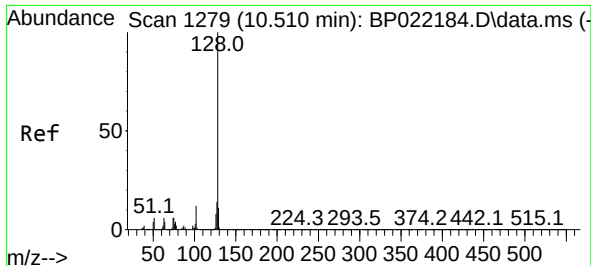
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	129257	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	475899	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.316	164	369922	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.134	188	779971	20.000	ng/u1	0.02
79) Chrysene-d12	21.539	240	799422	20.000	ng/u1	0.00
88) Perylene-d12	24.833	264	1023517	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	9284	2.813	ng/uL	0.00
4) Pyridine-d5	3.640	84	63151	6.695	ng/u1	0.00
7) Phenol-d5	6.899	99	190496	18.017	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	115263	17.704	ng/u1	0.00
11) 2-Chlorophenol-d4	7.252	132	142394	18.614	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	135676	16.194	ng/u1	0.02
21) Nitrobenzene-d5	8.846	128	84838	23.818	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	81696	20.228	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.110	165	166269	18.957	ng/u1	0.02
31) 4-Chloroaniline-d4	10.581	131	182578	17.447	ng/u1	-0.02
46) Dimethylphthalate-d6	13.728	166	512685	17.929	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	549801	18.160	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	82754	16.919	ng/u1	0.01
60) Fluorene-d10	15.322	176	442774	17.505	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	67634	13.967	ng/u1	0.01
73) Anthracene-d10	17.228	188	679701	18.667	ng/u1	0.01
81) Pyrene-d10	19.592	212	801091	19.342	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	953452	17.711	ng/u1	-0.01
Target Compounds					Qvalue	
30) Naphthalene	10.516	128	2012216	80.358	ng/u1	99
36) 2-Methylnaphthalene	12.128	142	5590189	300.403	ng/u1	99
37) 1-Methylnaphthalene	12.351	142	2946614	157.004	ng/u1	100
41) 2,4,6-Trichlorophenol	12.746	196	18407	2.245	ng/u1	97
42) 2,4,5-Trichlorophenol	12.822	196	22385	2.521	ng/u1	97
43) 1,1'-Biphenyl	13.140	154	148812	5.625	ng/u1#	79
52) Acenaphthene	14.375	153	104907	4.573	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	14.975	232	6176374	722.686	ng/u1	97
61) Fluorene	15.381	166	132595	4.675	ng/u1#	93
71) Pentachlorophenol	16.816	266	30603506m	4033.085	ng/u1	
72) Phenanthrene	17.175	178	735465	17.984	ng/u1	97
80) Fluoranthene	19.245	202	196692	4.155	ng/u1#	96
82) Pyrene	19.622	202	198467	3.895	ng/u1#	96
85) Benzo(a)anthracene	21.522	228	83213	1.510	ng/u1#	91
87) Chrysene	21.592	228	88405	1.710	ng/u1#	94

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

Manual Integrations APPROVED

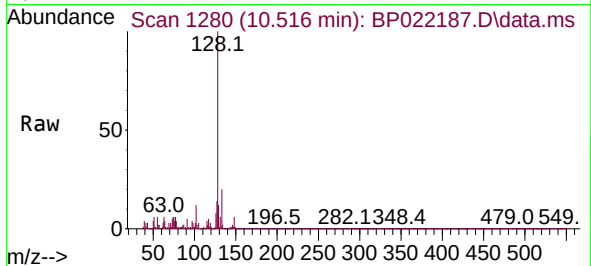
Quant Time: Oct 03 23:35:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 80.358 ng/u1
RT: 10.516 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BP022187.D
Acq: 03 Oct 2024 09:04

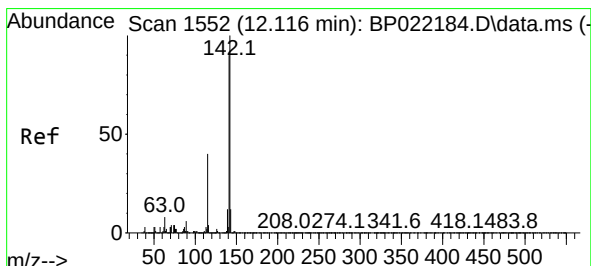
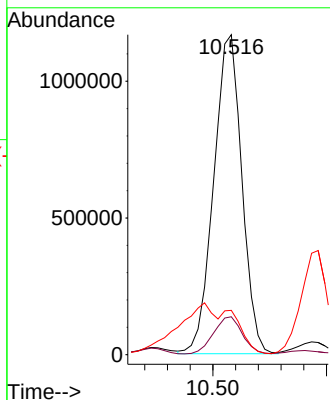
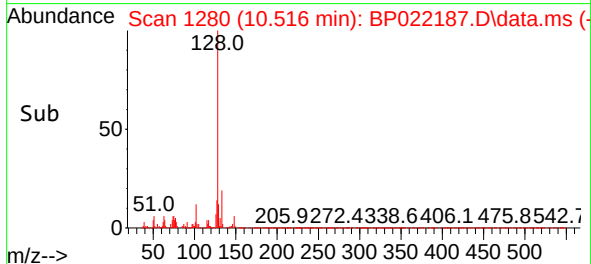
Instrument :
BNA_P
ClientSampleId :
DDCD6



Tgt Ion:128 Resp: 2012210
Ion Ratio Lower Upper
128 100
129 11.9 8.9 13.3
127 13.9 10.9 16.3

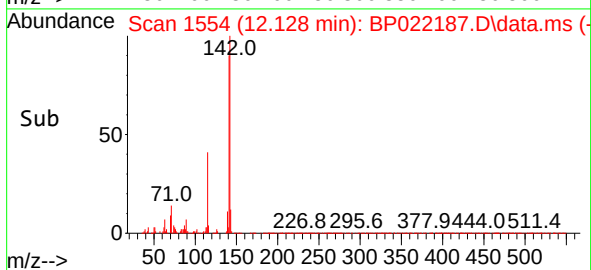
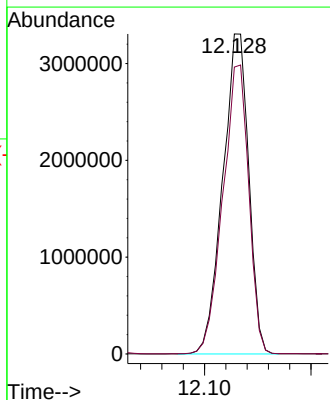
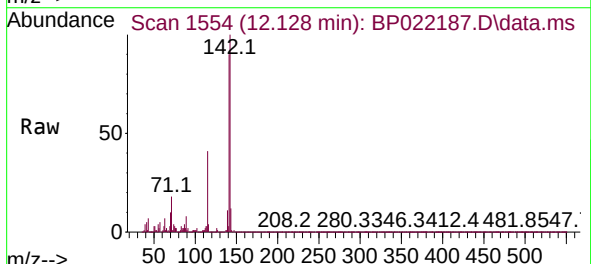
Manual Integrations
APPROVED

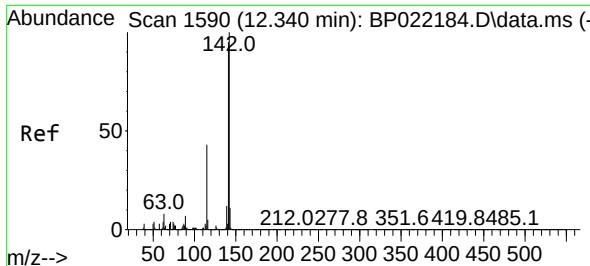
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#36
2-Methylnaphthalene
Concen: 300.403 ng/u1
RT: 12.128 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BP022187.D
Acq: 03 Oct 2024 09:04

Tgt Ion:142 Resp: 5590189
Ion Ratio Lower Upper
142 100
141 89.7 72.6 109.0





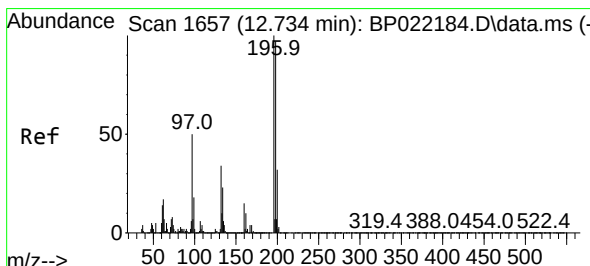
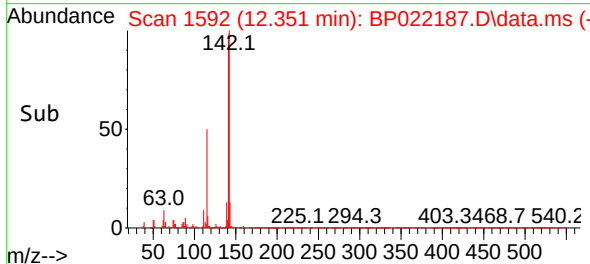
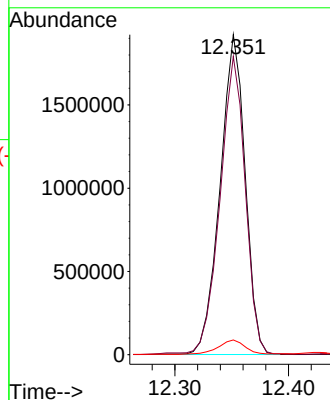
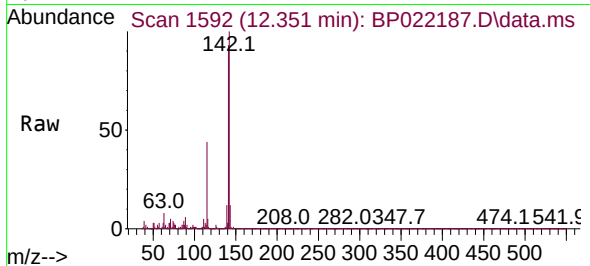
#37
1-Methylnaphthalene
Concen: 157.004 ng/ul
RT: 12.351 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BP022187.D
Acq: 03 Oct 2024 09:04

Instrument :
BNA_P
ClientSampleId :
DDCD6

Tgt Ion:142 Resp: 2946614
Ion Ratio Lower Upper
142 100
141 93.2 74.6 111.8
116 4.6 3.9 5.9

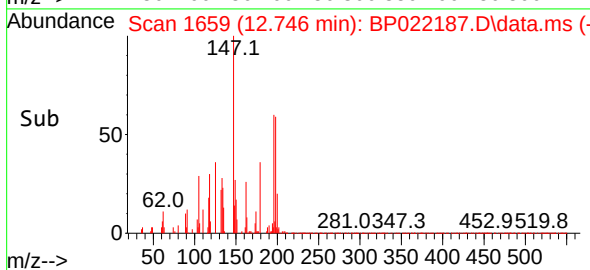
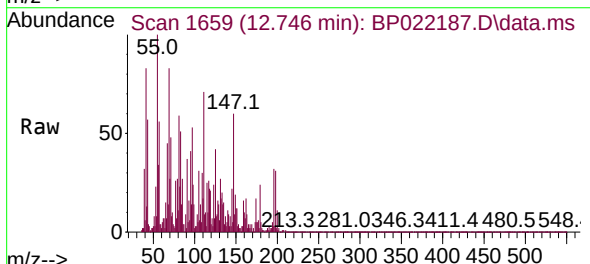
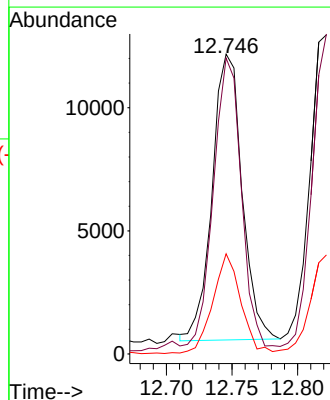
Manual Integrations
APPROVED

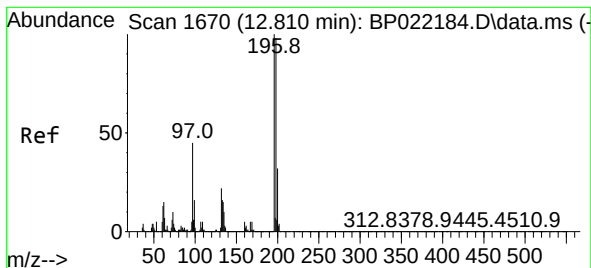
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#41
2,4,6-Trichlorophenol
Concen: 2.245 ng/ul
RT: 12.746 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BP022187.D
Acq: 03 Oct 2024 09:04

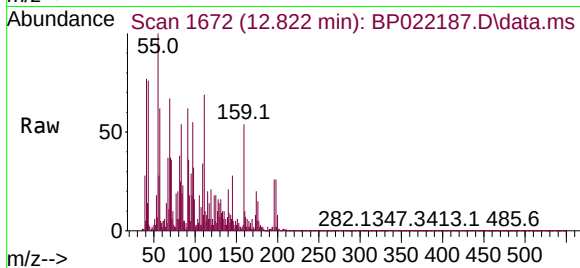
Tgt Ion:196 Resp: 18407
Ion Ratio Lower Upper
196 100
198 98.7 77.6 116.4
200 33.4 24.2 36.4





#42
2,4,5-Trichlorophenol
Concen: 2.521 ng/ul
RT: 12.822 min Scan# 1672
Delta R.T. 0.006 min
Lab File: BP022187.D
Acq: 03 Oct 2024 09:04

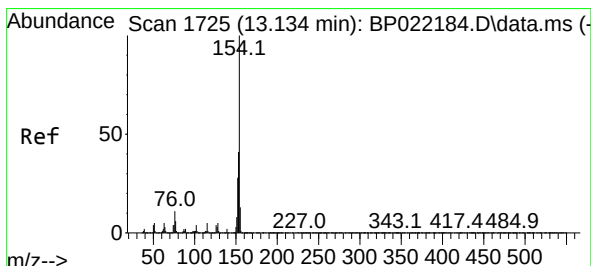
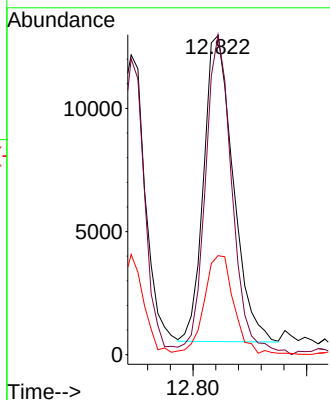
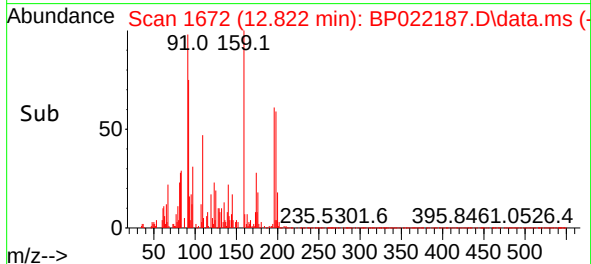
Instrument :
BNA_P
ClientSampleId :
DDCD6



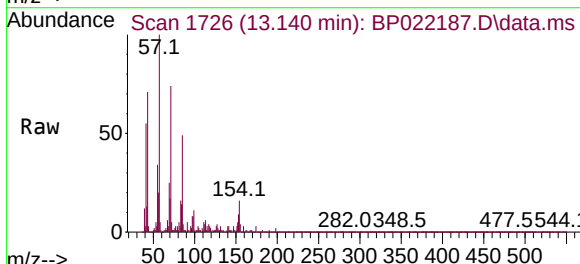
Tgt Ion:196 Resp: 22385
Ion Ratio Lower Upper
196 100
198 100.3 78.2 117.2
200 31.0 26.1 39.1

Manual Integrations
APPROVED

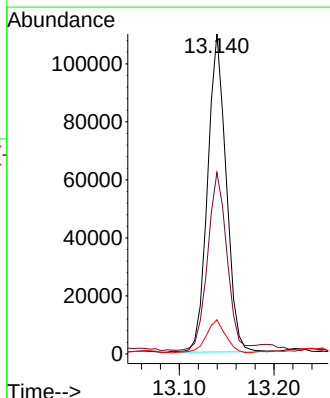
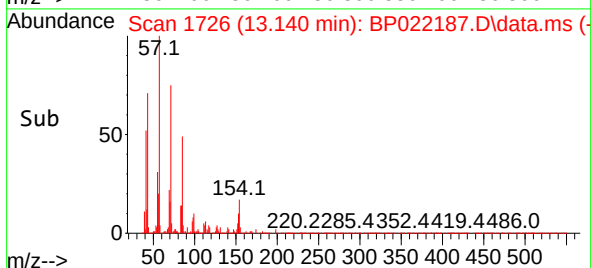
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

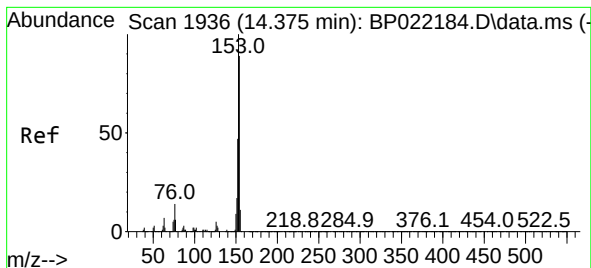


#43
1,1'-Biphenyl
Concen: 5.625 ng/ul
RT: 13.140 min Scan# 1726
Delta R.T. -0.012 min
Lab File: BP022187.D
Acq: 03 Oct 2024 09:04



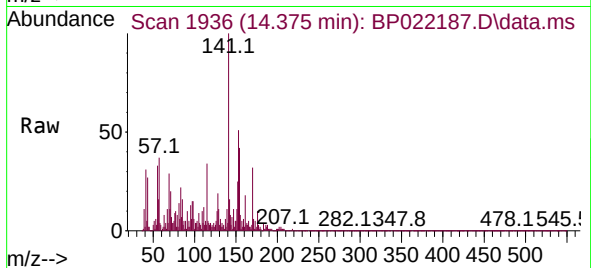
Tgt Ion:154 Resp: 148812
Ion Ratio Lower Upper
154 100
153 56.7 32.6 49.0#
76 10.7 10.1 15.1





#52
Acenaphthene
Concen: 4.573 ng/ul
RT: 14.375 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BP022187.D
Acq: 03 Oct 2024 09:04

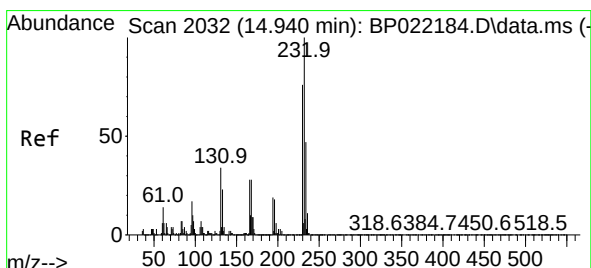
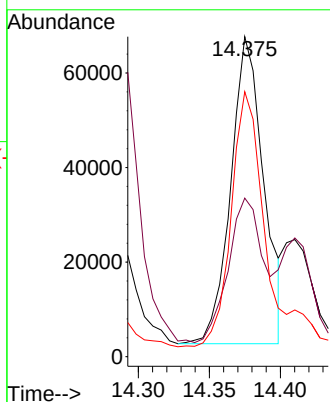
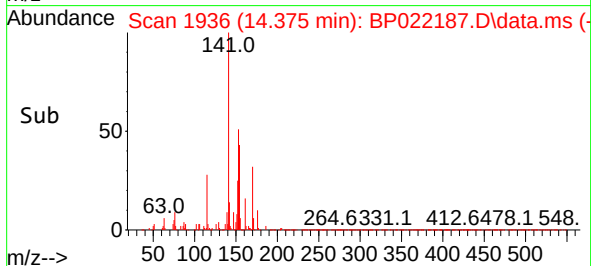
Instrument :
BNA_P
ClientSampleId :
DDCD6



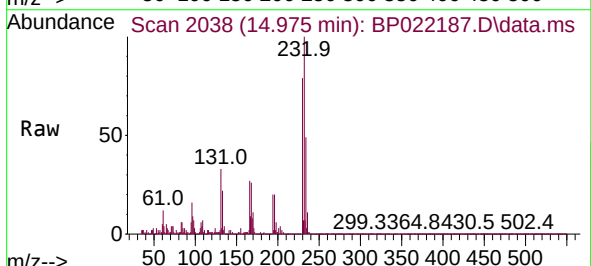
Tgt Ion:153 Resp: 10490
Ion Ratio Lower Upper
153 100
152 49.6 37.1 55.7
154 82.8 67.4 101.0

Manual Integrations
APPROVED

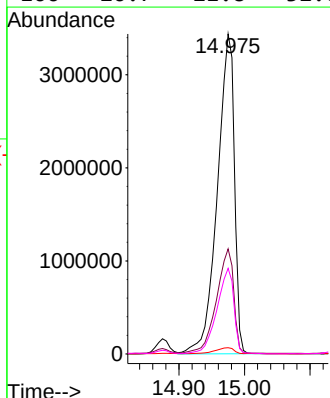
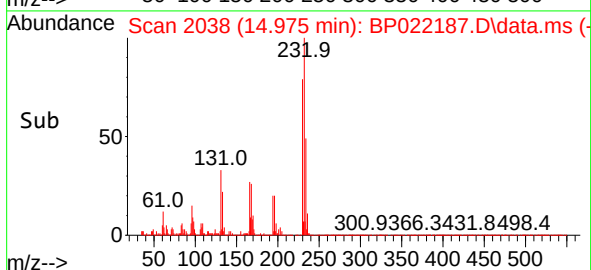
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

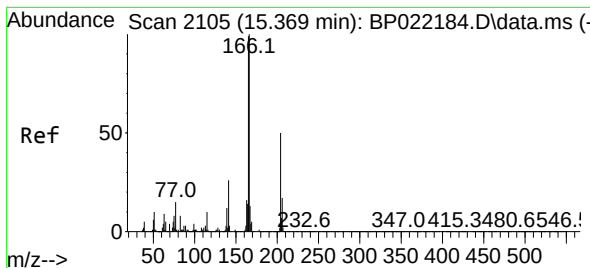


#58
2,3,4,6-Tetrachlorophenol
Concen: 722.686 ng/ul
RT: 14.975 min Scan# 2038
Delta R.T. 0.012 min
Lab File: BP022187.D
Acq: 03 Oct 2024 09:04



Tgt Ion:232 Resp: 6176374
Ion Ratio Lower Upper
232 100
131 32.8 28.2 42.2
130 2.0 1.8 2.6
166 26.7 21.8 32.6





#61

Fluorene

Concen: 4.675 ng/ul

RT: 15.381 min Scan# 2105

Delta R.T. 0.000 min

Lab File: BP022187.D

Acq: 03 Oct 2024 09:04

Instrument :

BNA_P

ClientSampleId :

DDCD6

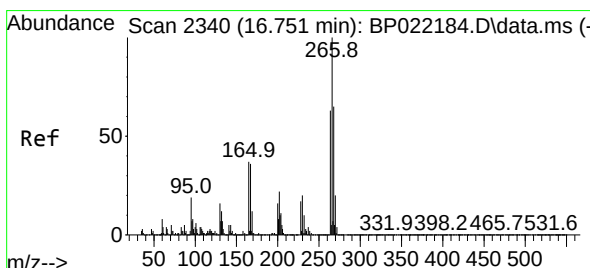
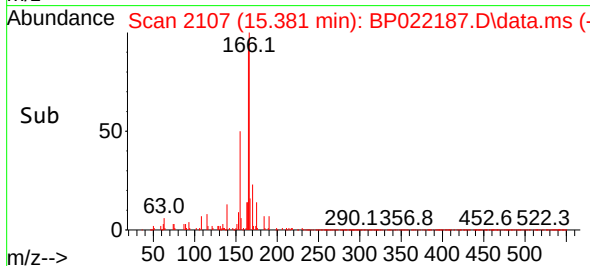
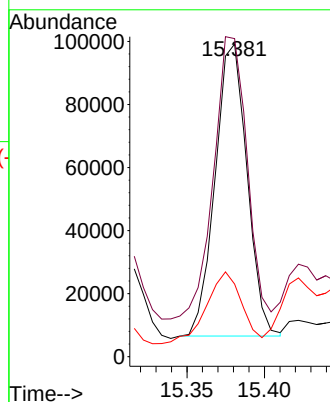
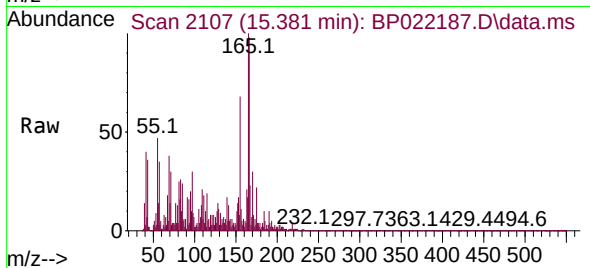
Tgt Ion:166	Resp: 13259
Ion Ratio	Lower Upper
166	100
165	101.8 77.9 116.9
167	23.2 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#71

Pentachlorophenol

Concen: 4033.085 ng/ul m

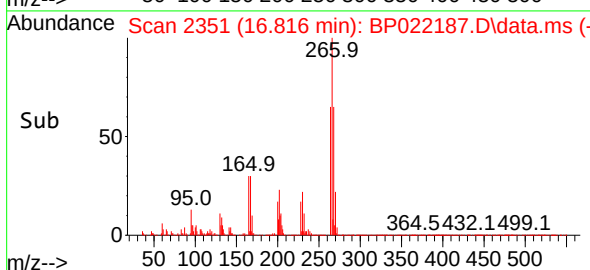
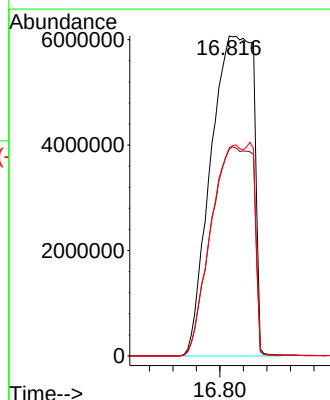
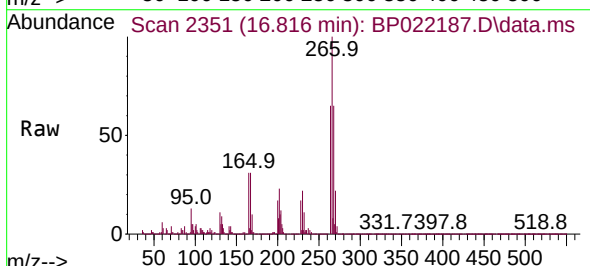
RT: 16.816 min Scan# 2351

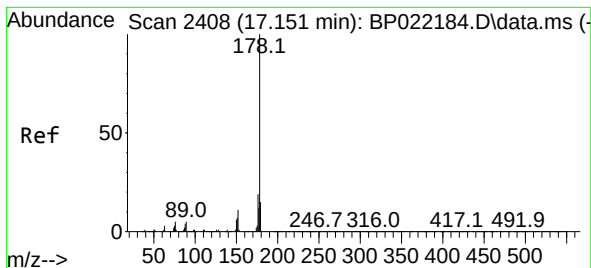
Delta R.T. 0.059 min

Lab File: BP022187.D

Acq: 03 Oct 2024 09:04

Tgt Ion:266	Resp:30603506
Ion Ratio	Lower Upper
266	100
264	64.7 50.2 75.4
268	65.1 51.4 77.0





#72

Phenanthrene

Concen: 17.984 ng/ul

RT: 17.175 min Scan# 2408

Delta R.T. 0.018 min

Lab File: BP022187.D

Acq: 03 Oct 2024 09:04

Instrument :

BNA_P

ClientSampleId :

DDCD6

Tgt Ion:178 Resp: 73546

Ion Ratio Lower Upper

178 100

179 17.5 12.4 18.6

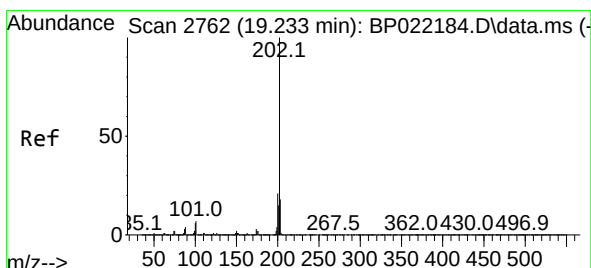
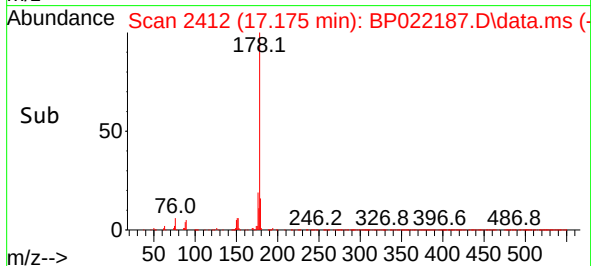
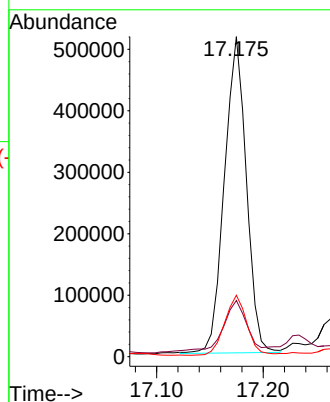
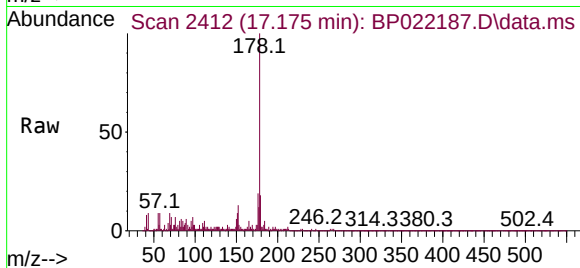
176 19.2 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#80

Fluoranthene

Concen: 4.155 ng/ul

RT: 19.245 min Scan# 2764

Delta R.T. 0.006 min

Lab File: BP022187.D

Acq: 03 Oct 2024 09:04

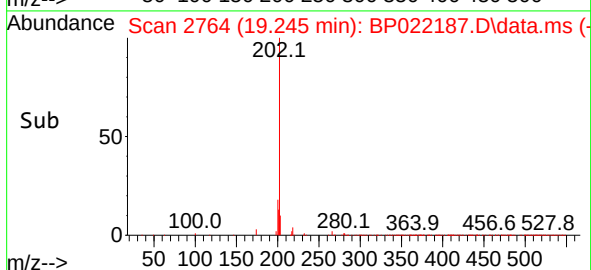
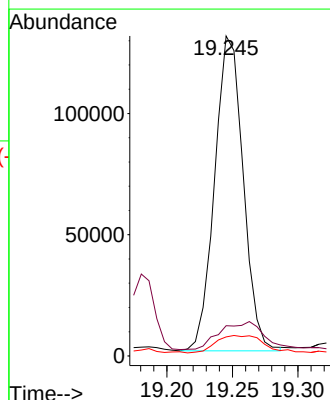
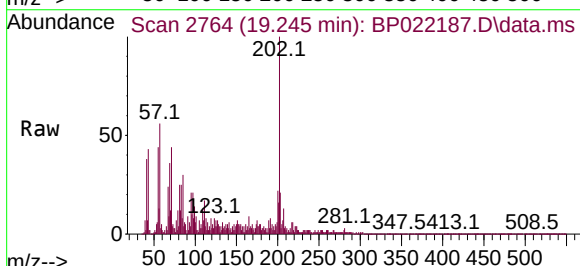
Tgt Ion:202 Resp: 196692

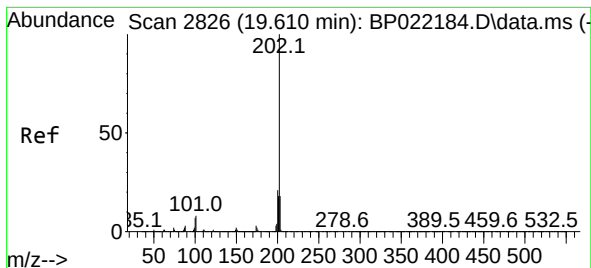
Ion Ratio Lower Upper

202 100

101 9.5 5.8 8.6

100 6.0 4.6 7.0





#82

Pyrene

Concen: 3.895 ng/ul

RT: 19.622 min Scan# 2187

Delta R.T. 0.006 min

Lab File: BP022187.D

Acq: 03 Oct 2024 09:04

Instrument :

BNA_P

ClientSampleId :

DDCD6

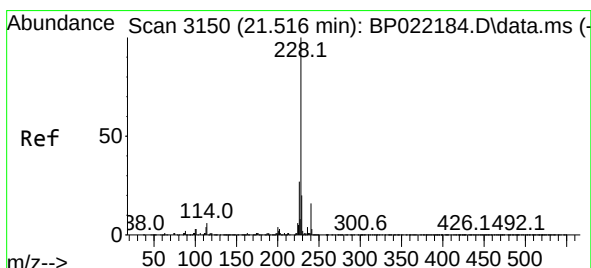
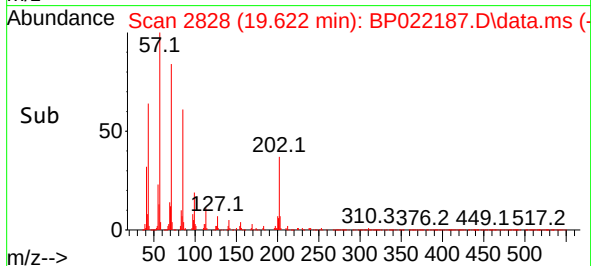
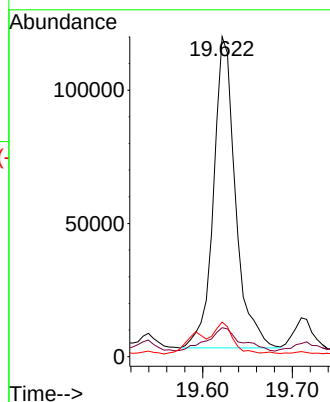
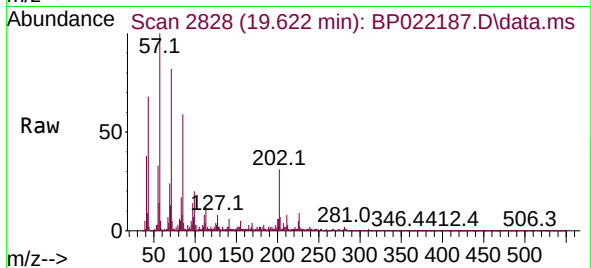
Tgt Ion:	202	Resp:	19846
Ion Ratio	Lower	Upper	
202	100		
101	9.1	7.4	11.0
100	10.8	6.2	9.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#85

Benzo(a)anthracene

Concen: 1.510 ng/ul

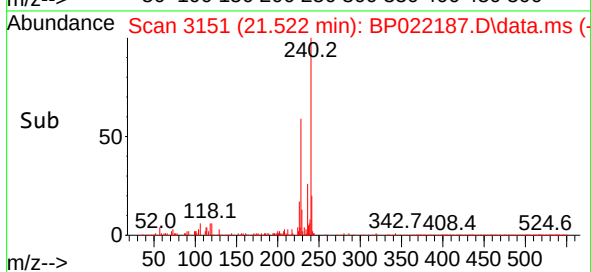
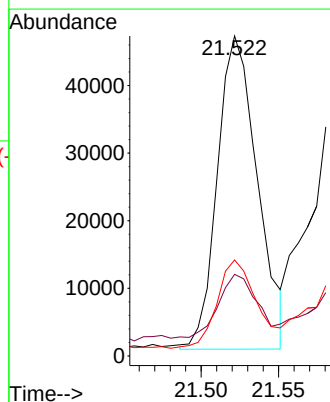
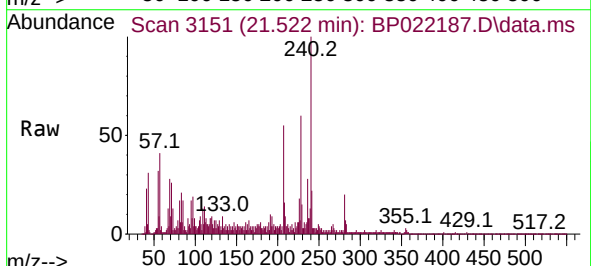
RT: 21.522 min Scan# 3151

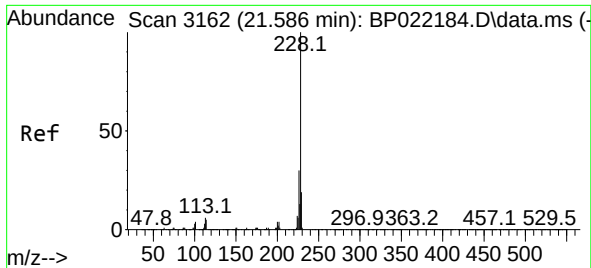
Delta R.T. -0.006 min

Lab File: BP022187.D

Acq: 03 Oct 2024 09:04

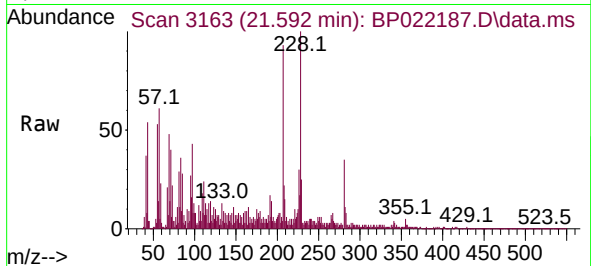
Tgt Ion:	228	Resp:	83213
Ion Ratio	Lower	Upper	
228	100		
229	25.5	15.7	23.5
226	30.0	21.4	32.2





#87
Chrysene
Concen: 1.710 ng/ul
RT: 21.592 min Scan# 3163
Delta R.T. 0.006 min
Lab File: BP022187.D
Acq: 03 Oct 2024 09:04

Instrument :
BNA_P
ClientSampleId :
DDCD6



Tgt Ion:228 Resp: 88409
Ion Ratio Lower Upper
228 100
226 30.3 23.6 35.4
229 25.4 15.7 23.5

Manual Integrations
APPROVED

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

