

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
 Data File : BP022117.D
 Acq On : 30 Sep 2024 18:03
 Operator : RC/JU
 Sample : P4022-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDCA6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/01/2024
 Supervised By :mohammad ahmed 10/02/2024

Quant Time: Sep 30 18:35:28 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	109456	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.457	136	404475	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.304	164	301079	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.110	188	705613	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	801685	20.000	ng/ul	0.00
88) Perylene-d12	24.821	264	925560	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	10227	3.660	ng/uL	0.00
4) Pyridine-d5	3.640	84	38255	4.789	ng/ul	0.00
7) Phenol-d5	6.881	99	85304	9.527	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.040	67	117998	21.402	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	149704	23.109	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	126228	17.792	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	71104	23.487	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	84171	24.521	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.087	165	172949	23.201	ng/ul	0.00
31) 4-Chloroaniline-d4	10.575	131	27171m	3.055	ng/ul	-0.03
46) Dimethylphthalate-d6	13.722	166	638451	27.432	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	675723	27.423	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	37645	9.456	ng/ul	0.00
60) Fluorene-d10	15.316	176	551313	26.780	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	125180	28.575	ng/ul	0.00
73) Anthracene-d10	17.210	188	945298	28.697	ng/ul	0.00
81) Pyrene-d10	19.586	212	1189629	28.643	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.592	264	1390129	28.556	ng/ul	-0.02
Target Compounds					Qvalue	
23) Isophorone	9.399	82	28563	1.782	ng/ul	96
30) Naphthalene	10.504	128	205633	9.662	ng/ul	99
36) 2-Methylnaphthalene	12.110	142	248331	15.701	ng/ul	96
37) 1-Methylnaphthalene	12.340	142	157128	9.851	ng/ul	98
41) 2,4,6-Trichlorophenol	12.728	196	11078	1.660	ng/ul	93
43) 1,1'-Biphenyl	13.134	154	24309	1.129	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	14.951	232	2549422	366.512	ng/ul	98
71) Pentachlorophenol	16.792	266	14991790m	2183.894	ng/ul	
72) Phenanthrene	17.151	178	38071	1.029	ng/ul#	92

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

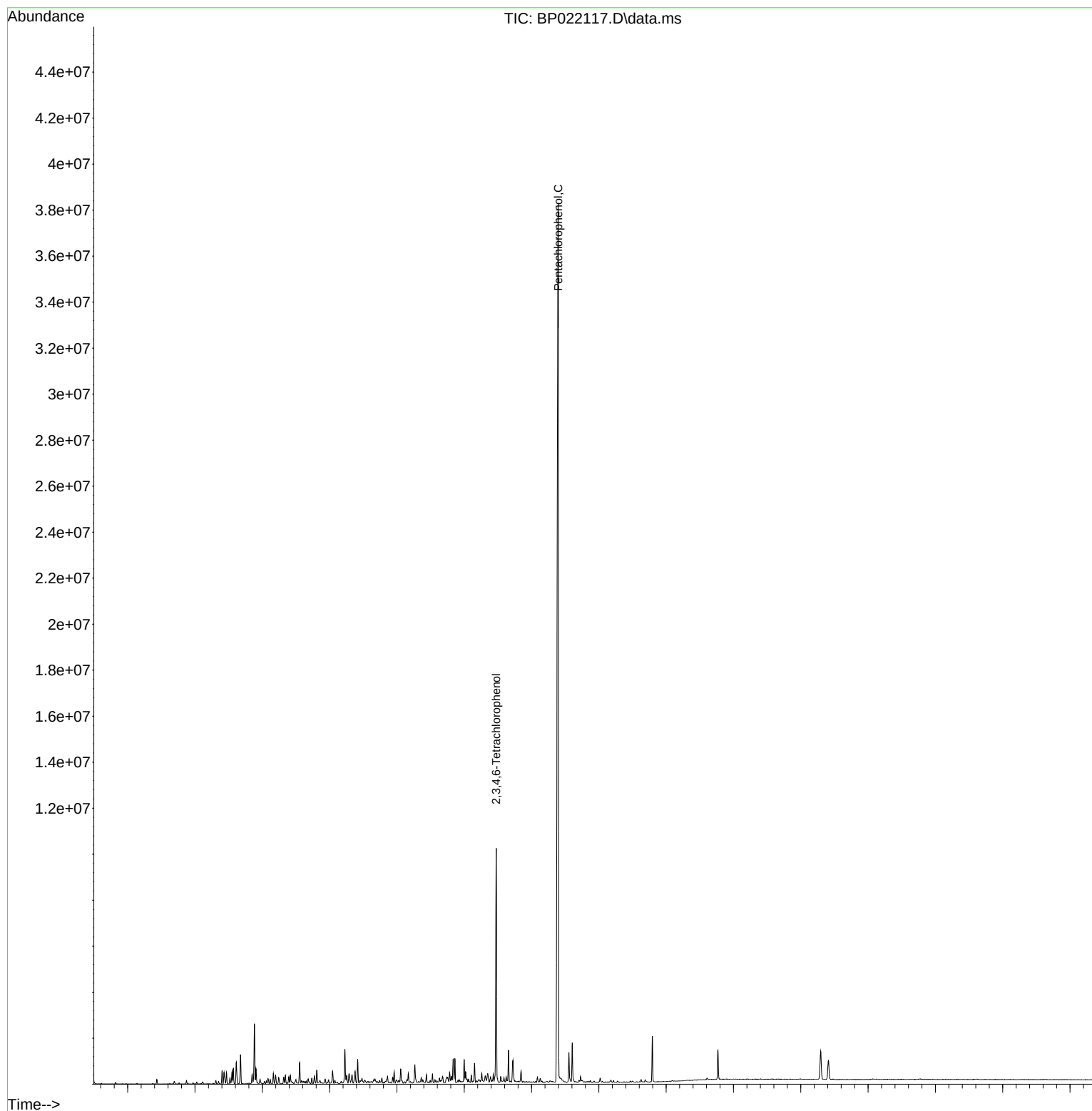
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022117.D
Acq On : 30 Sep 2024 18:03
Operator : RC/JU
Sample : P4022-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

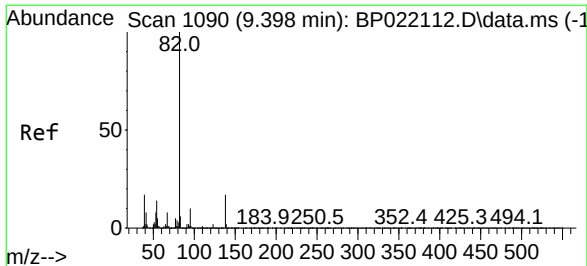
Instrument :
BNA_P
ClientSampleId :
DDCA6

Quant Time: Sep 30 18:35:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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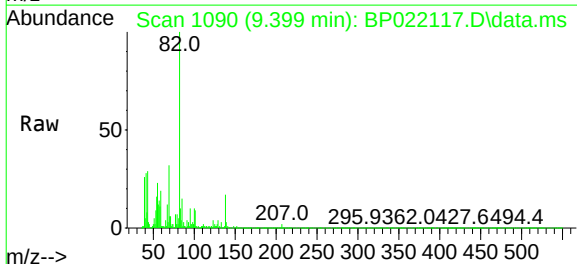
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024





#23
Isophorone
Concen: 1.782 ng/u1
RT: 9.399 min Scan# 1090
Delta R.T. -0.012 min
Lab File: BP022117.D
Acq: 30 Sep 2024 18:03

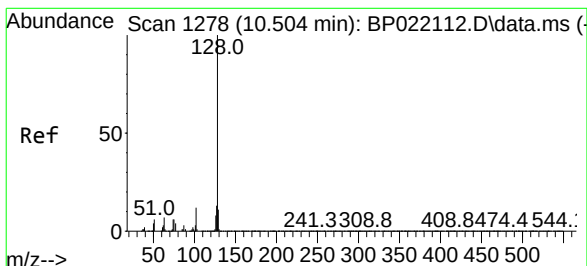
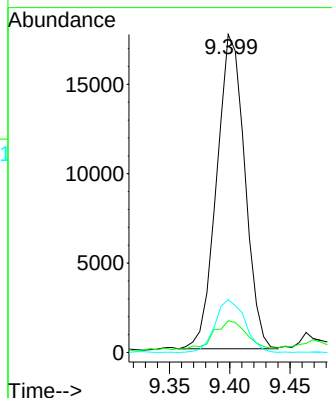
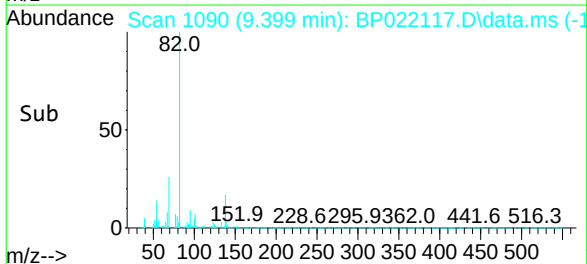
Instrument :
BNA_P
ClientSampleId :
DDCA6



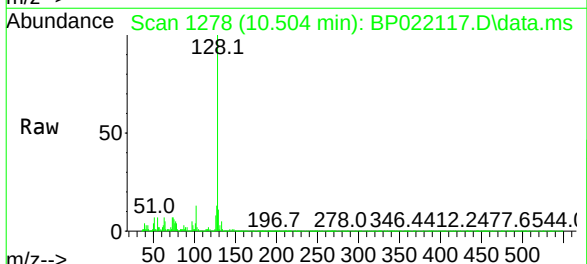
Tgt Ion:	82	Resp:	28563
Ion	Ratio	Lower	Upper
82	100		
95	10.0	7.0	10.4
138	16.6	11.9	17.9

Manual Integrations
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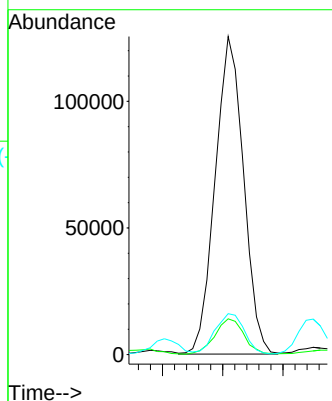
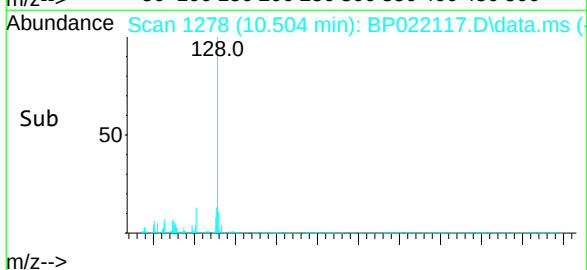
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Supervised By :mohammad ahmed 10/02/2024

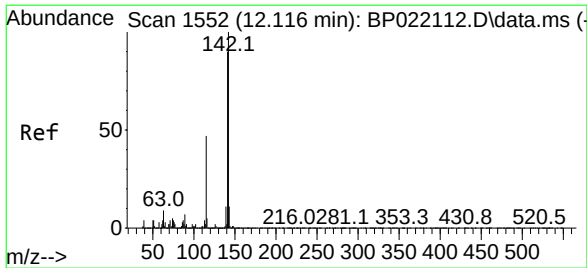


#30
Naphthalene
Concen: 9.662 ng/u1
RT: 10.504 min Scan# 1278
Delta R.T. -0.018 min
Lab File: BP022117.D
Acq: 30 Sep 2024 18:03



Tgt Ion:	128	Resp:	205633
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	12.9	10.9	16.3





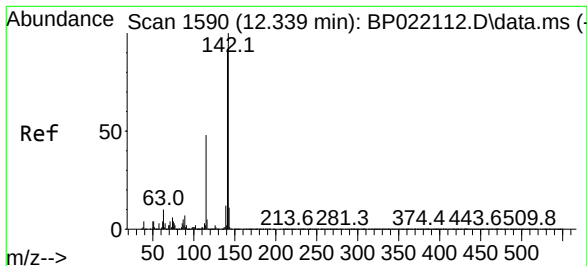
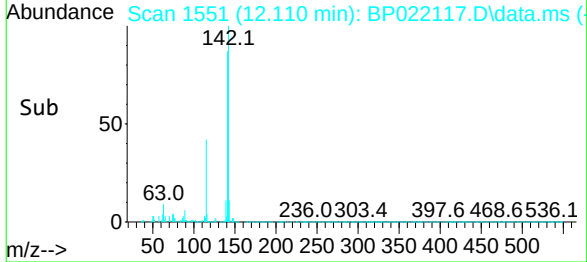
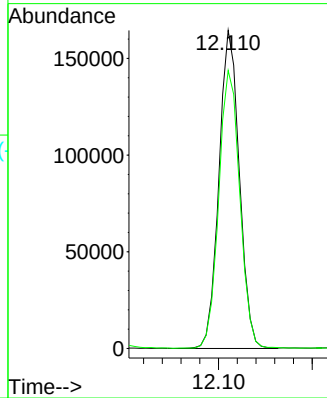
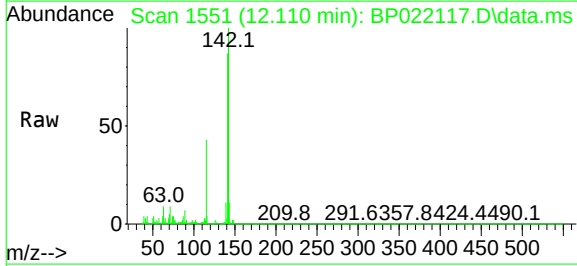
#36
2-Methylnaphthalene
Concen: 15.701 ng/u1
RT: 12.110 min Scan# 1552
Delta R.T. -0.018 min
Lab File: BP022117.D
Acq: 30 Sep 2024 18:03

Instrument :
BNA_P
ClientSampleId :
DDCA6

Tgt Ion:142 Resp: 248331
Ion Ratio Lower Upper
142 100
141 87.4 72.6 109.0

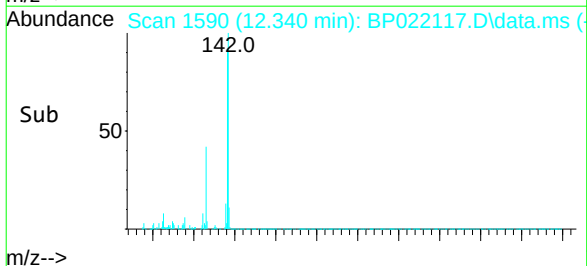
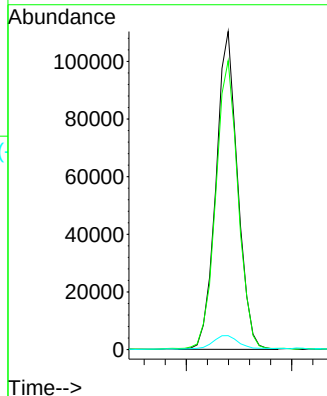
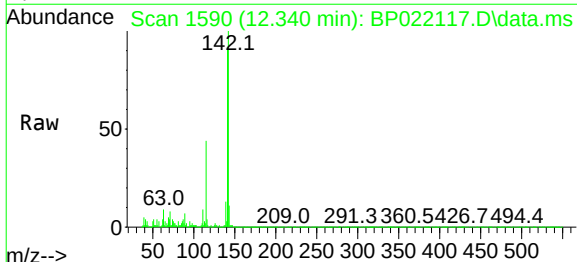
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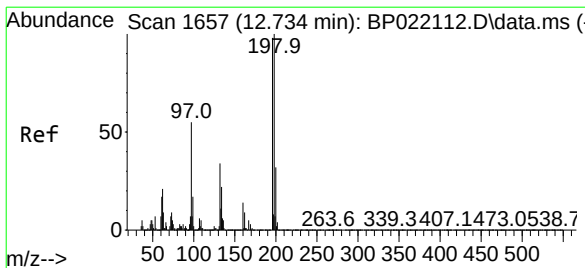
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#37
1-Methylnaphthalene
Concen: 9.851 ng/u1
RT: 12.340 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BP022117.D
Acq: 30 Sep 2024 18:03

Tgt Ion:142 Resp: 157128
Ion Ratio Lower Upper
142 100
141 90.8 74.6 111.8
116 4.4 3.9 5.9





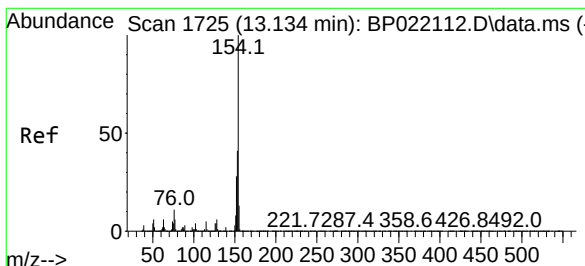
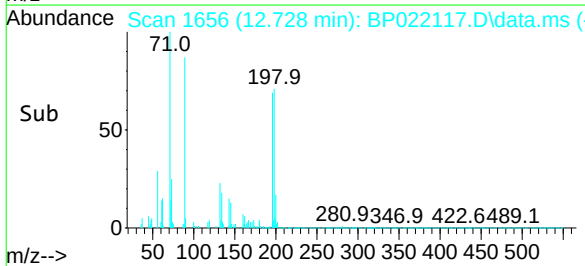
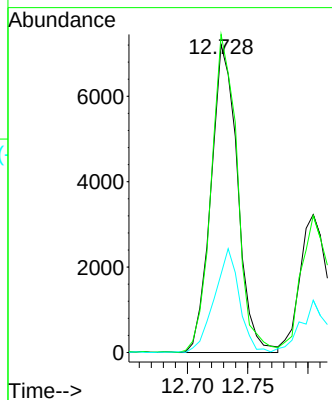
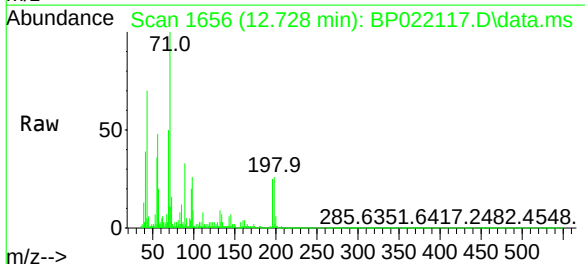
#41
2,4,6-Trichlorophenol
Concen: 1.660 ng/ul
RT: 12.728 min Scan# 1656
Delta R.T. -0.018 min
Lab File: BP022117.D
Acq: 30 Sep 2024 18:03

Instrument :
BNA_P
ClientSampleId :
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Tgt	Ion	Ratio	Lower	Upper
196	100			
198	103.3	77.6	116.4	
200	25.5	24.2	36.4	

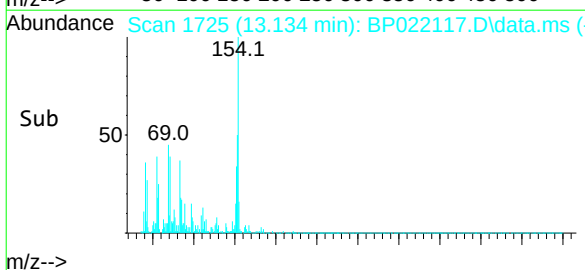
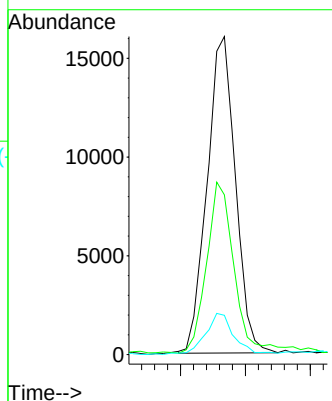
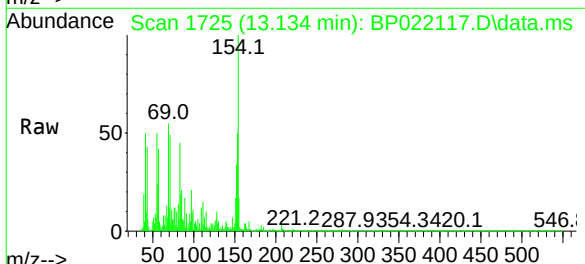
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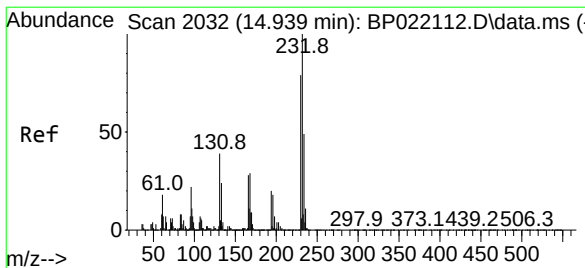
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#43
1,1'-Biphenyl
Concen: 1.129 ng/ul
RT: 13.134 min Scan# 1725
Delta R.T. -0.018 min
Lab File: BP022117.D
Acq: 30 Sep 2024 18:03

Tgt	Ion	Ratio	Lower	Upper
154	100			
153	50.2	32.6	49.0#	
76	12.3	10.1	15.1	





#58
2,3,4,6-Tetrachlorophenol
Concen: 366.512 ng/ul
RT: 14.951 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BP022117.D
Acq: 30 Sep 2024 18:03

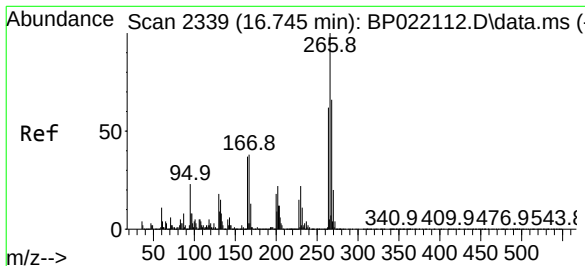
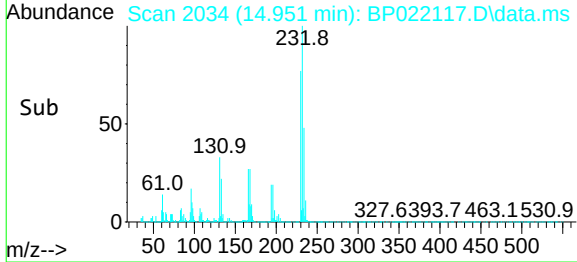
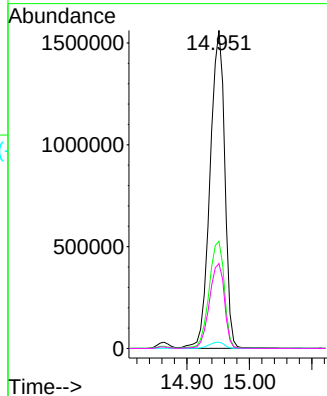
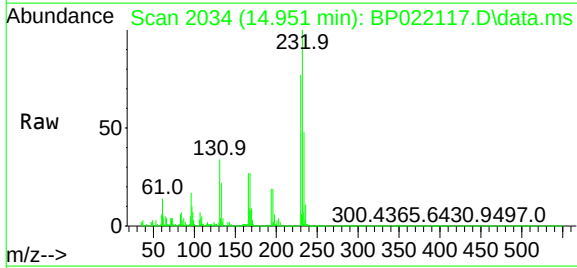
Instrument :
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Tgt Ion: 232 Resp: 2549422

Ion	Ratio	Lower	Upper
232	100		
131	33.7	28.2	42.2
130	2.0	1.8	2.6
166	26.7	21.8	32.6

Manual Integrations
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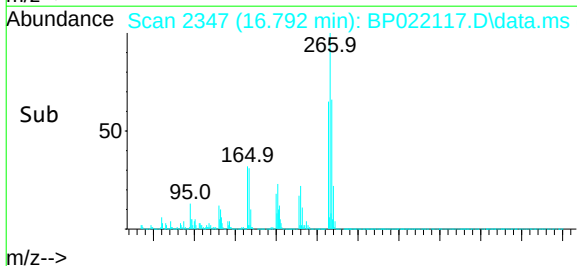
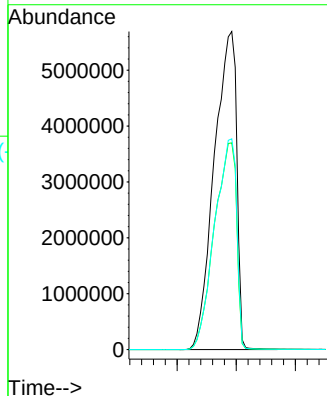
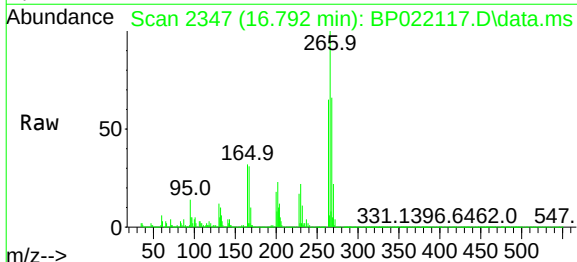
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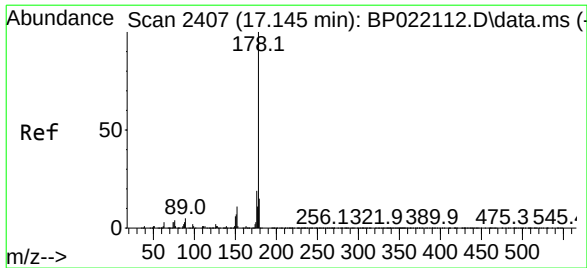


#71
Pentachlorophenol
Concen: 2183.894 ng/ul m
RT: 16.792 min Scan# 2347
Delta R.T. 0.035 min
Lab File: BP022117.D
Acq: 30 Sep 2024 18:03

Tgt Ion: 266 Resp: 14991790

Ion	Ratio	Lower	Upper
266	100		
264	65.0	50.2	75.4
268	66.3	51.4	77.0





#72

Phenanthrene

Concen: 1.029 ng/ul

RT: 17.151 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BP022117.D

Acq: 30 Sep 2024 18:03

Instrument :

BNA_P

ClientSampleId :

DDCA6

Tgt	Ion:178	Resp:	38071
Ion	Ratio	Lower	Upper
178	100		
179	20.2	12.4	18.6
176	21.0	15.0	22.6

Manual Integrations

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