

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
 Data File : BP012335.D
 Acq On : 26 Oct 2022 18:43
 Operator : CG/JU
 Sample : N5015-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C1BE5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/27/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 27 00:26:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 26 23:40:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	388977	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	1744677	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	1135672	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.222	188	2475321	20.000	ng/u1	0.00
79) Chrysene-d12	21.321	240	2401553	20.000	ng/u1	0.00
88) Perylene-d12	23.721	264	2243195	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	37412	3.873	ng/uL	0.00
4) Pyridine-d5	3.687	84	57202	2.061	ng/u1	0.01
7) Phenol-d5	6.987	99	829846	23.786	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	499829	23.999	ng/u1	0.00
11) 2-Chlorophenol-d4	7.346	132	653785	25.661	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	566259	20.522	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	329802	29.150	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	350737	29.868	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	666265	26.180	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	132616	3.500	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	2102066	27.039	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	2410099	27.128	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	334464	22.731	ng/u1	0.00
60) Fluorene-d10	15.463	176	1879059	28.230	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	89349	6.933	ng/u1	0.00
73) Anthracene-d10	17.328	188	2837338	26.603	ng/u1	0.00
81) Pyrene-d10	19.563	212	3444200	28.565	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.568	264	3033592	27.677	ng/u1	0.01
Target Compounds						
					Qvalue	
8) Phenol	7.010	94	42966	1.184	ng/u1#	87
50) Acenaphthylene	14.187	152	336455	3.377	ng/u1	98
72) Phenanthrene	17.269	178	1269044	9.704	ng/u1	99
74) Anthracene	17.357	178	299438	2.305	ng/u1	99
80) Fluoranthene	19.239	202	1757769	11.808	ng/u1	98
82) Pyrene	19.592	202	2321219	15.054	ng/u1	99
85) Benzo(a)anthracene	21.304	228	915845	5.978	ng/u1	97
87) Chrysene	21.357	228	906533	6.329	ng/u1	99
90) Benzo(b)fluoranthene	22.986	252	720064	5.069	ng/u1	98
91) Benzo(k)fluoranthene	23.027	252	177008m	1.308	ng/u1	
93) Benzo(a)pyrene	23.615	252	510964	4.119	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.209	276	244818	1.584	ng/u1	95
96) Benzo(g,h,i)perylene	26.974	276	212119	1.552	ng/u1	99

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

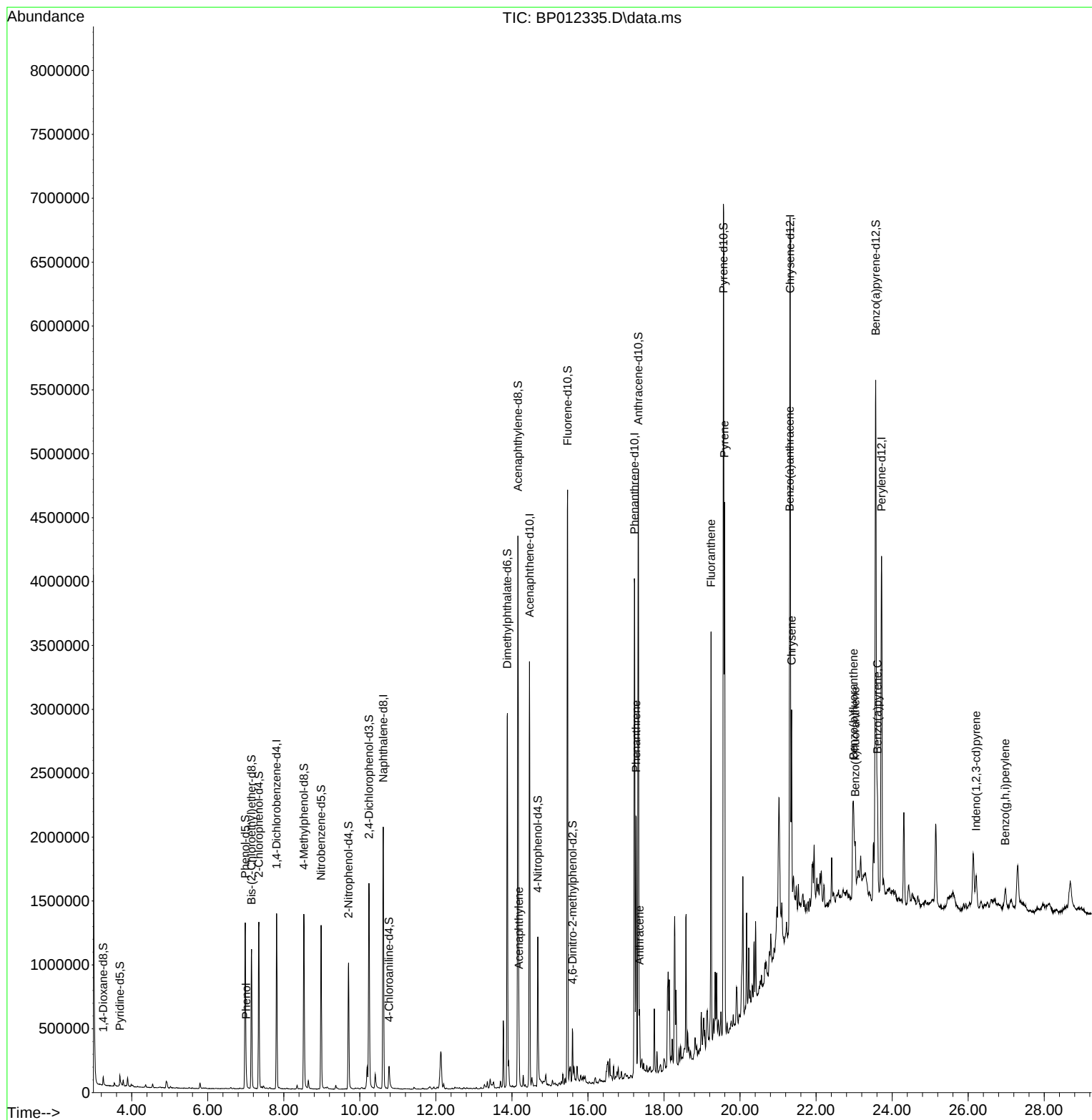
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
 Data File : BP012335.D
 Acq On : 26 Oct 2022 18:43
 Operator : CG/JU
 Sample : N5015-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

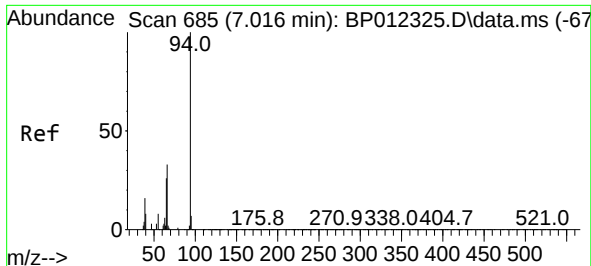
Instrument :
 BNA_P
 ClientSampleId :
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 Supervised By :mohammad ahmed 10/27/2022

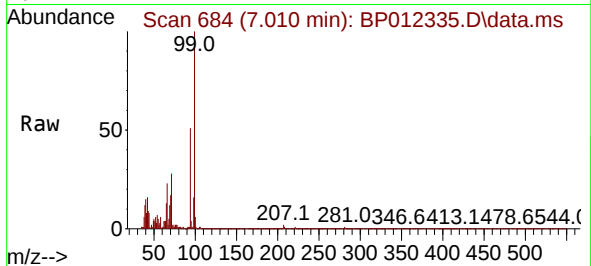
Quant Time: Oct 27 00:26:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 26 23:40:20 2022
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#8
Phenol
Concen: 1.184 ng/ul
RT: 7.010 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP012335.D
Acq: 26 Oct 2022 18:43

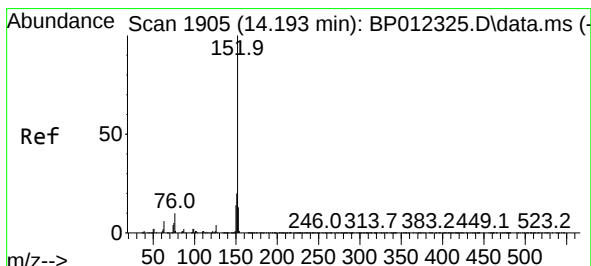
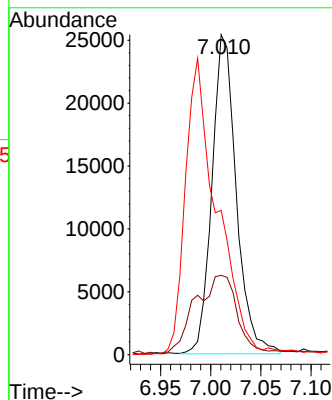
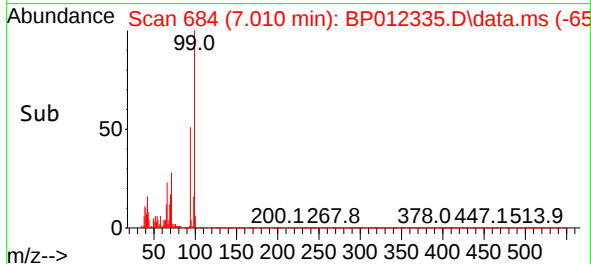
Instrument :
BNA_P
Client Sample Id :
C1BE5



Tgt Ion: 94 Resp: 42960
Ion Ratio Lower Upper
94 100
65 24.8 20.8 31.2
66 45.1 26.2 39.2

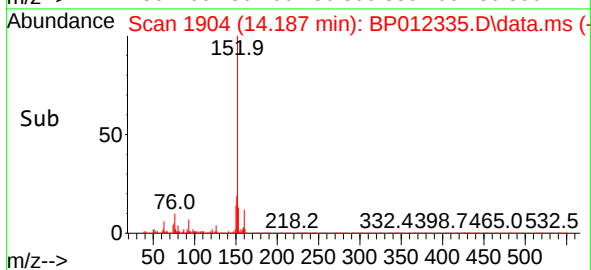
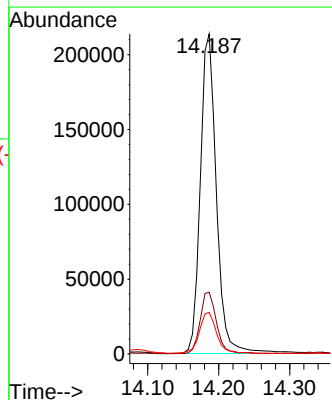
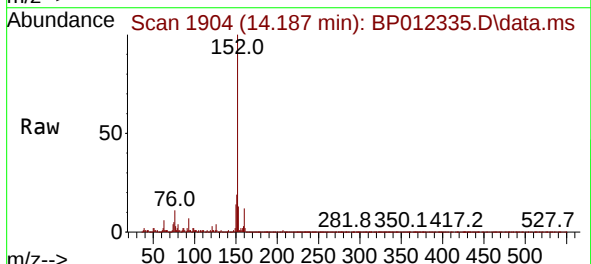
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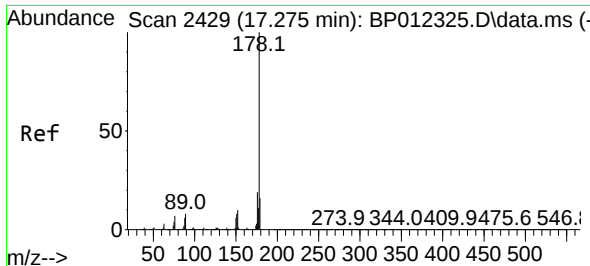
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#50
Acenaphthylene
Concen: 3.377 ng/ul
RT: 14.187 min Scan# 1904
Delta R.T. 0.001 min
Lab File: BP012335.D
Acq: 26 Oct 2022 18:43

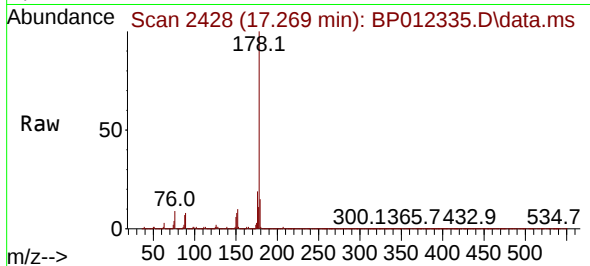
Tgt Ion:152 Resp: 336455
Ion Ratio Lower Upper
152 100
151 19.3 16.1 24.1
153 13.0 10.8 16.2





#72
Phenanthrene
Concen: 9.704 ng/ul
RT: 17.269 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP012335.D
Acq: 26 Oct 2022 18:43

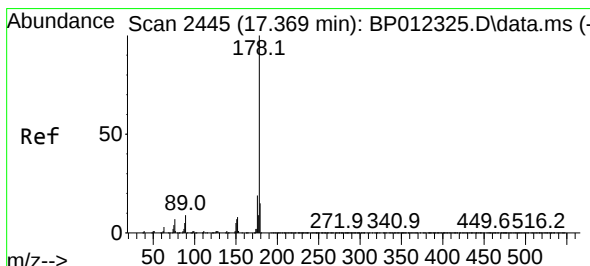
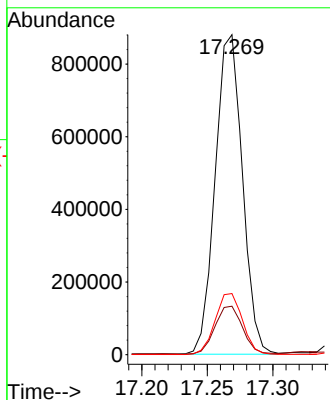
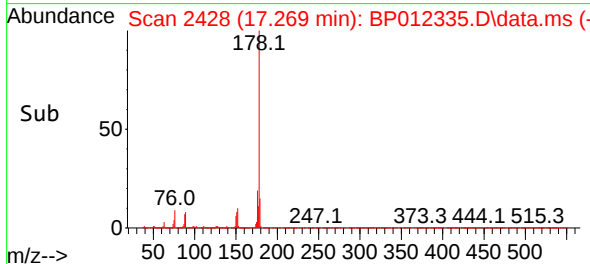
Instrument :
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Tgt Ion:178 Resp: 1269044
Ion Ratio Lower Upper
178 100
179 15.2 12.6 18.8
176 19.1 15.8 23.6

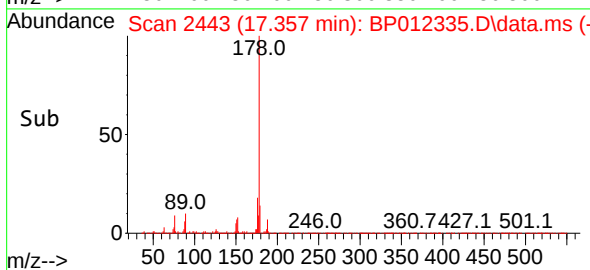
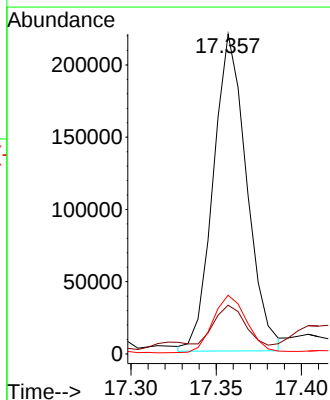
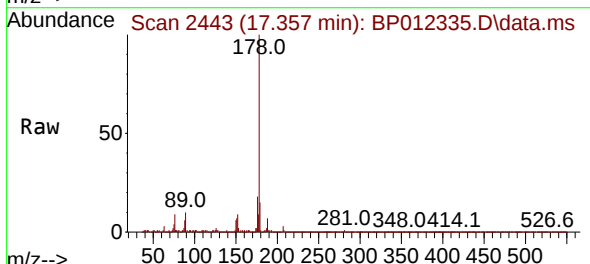
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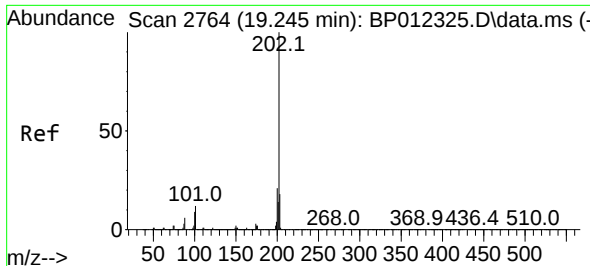
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#74
Anthracene
Concen: 2.305 ng/ul
RT: 17.357 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BP012335.D
Acq: 26 Oct 2022 18:43

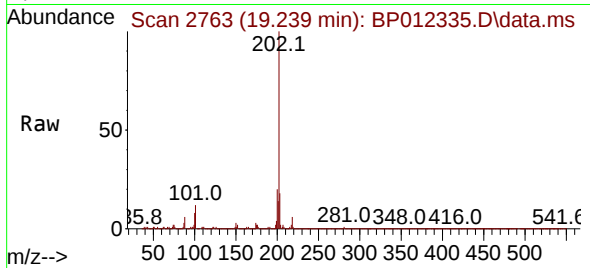
Tgt Ion:178 Resp: 299438
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 18.3 15.3 22.9





#80
Fluoranthene
Concen: 11.808 ng/u1
RT: 19.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP012335.D
Acq: 26 Oct 2022 18:43

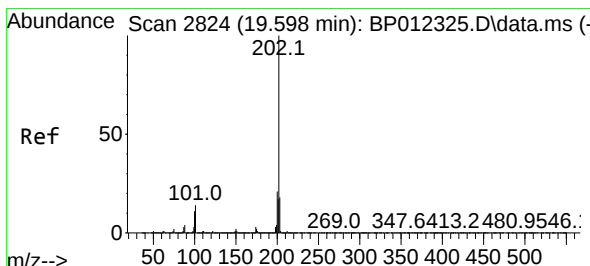
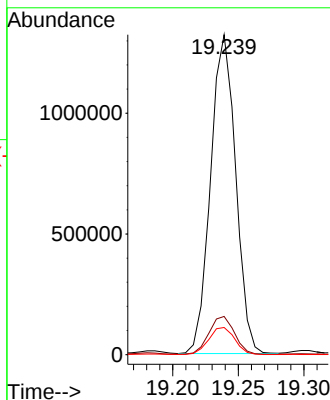
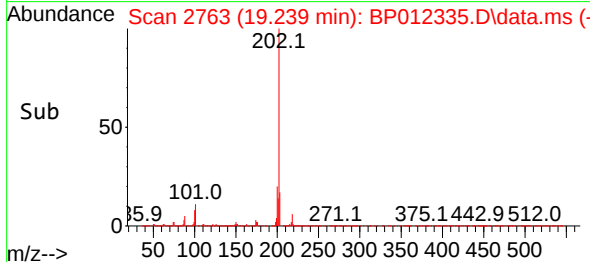
Instrument :
BNA_P
ClientSampleId :
C1BE5



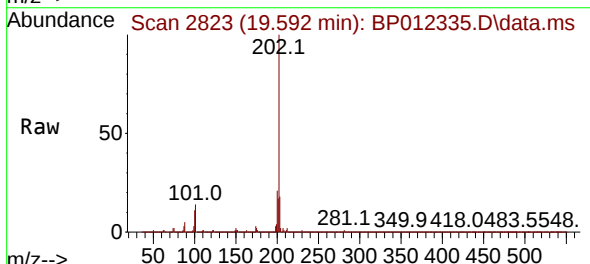
Tgt Ion:202 Resp: 1757769
Ion Ratio Lower Upper
202 100
101 12.0 9.9 14.9
100 8.5 7.4 11.2

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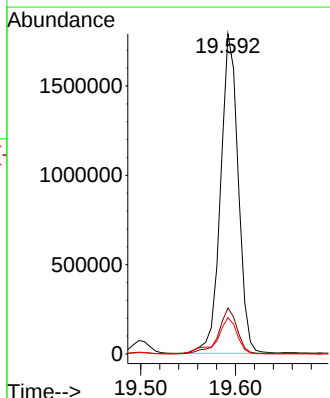
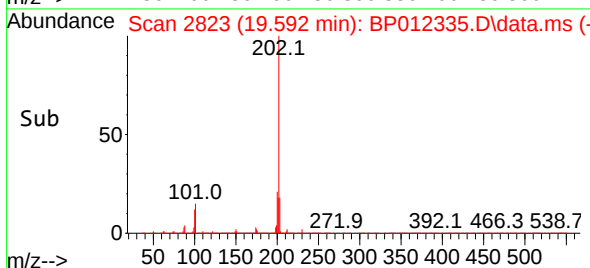
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022

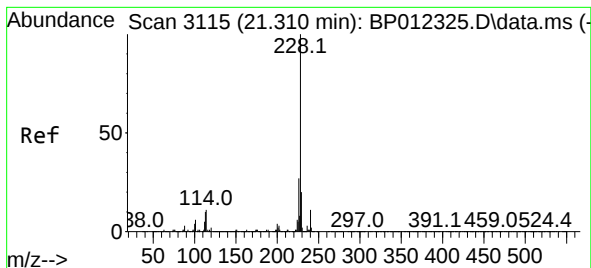


#82
Pyrene
Concen: 15.054 ng/u1
RT: 19.592 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BP012335.D
Acq: 26 Oct 2022 18:43



Tgt Ion:202 Resp: 2321219
Ion Ratio Lower Upper
202 100
101 14.3 11.8 17.6
100 11.3 9.3 13.9





#85

Benzo(a)anthracene

Concen: 5.978 ng/ul

RT: 21.304 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BP012335.D

Acq: 26 Oct 2022 18:43

Instrument :

BNA_P

ClientSampleId :

C1BE5

Tgt Ion:228 Resp: 91584

Ion Ratio Lower Upper

228 100

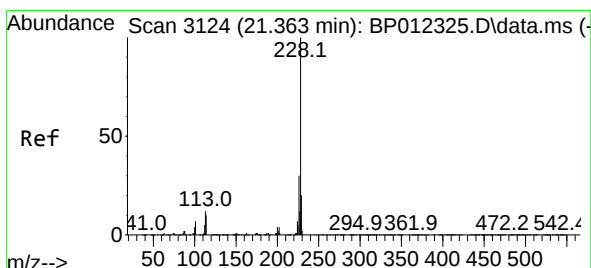
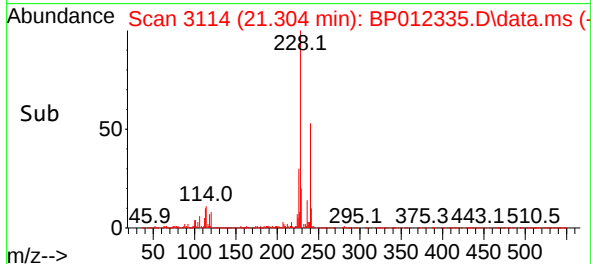
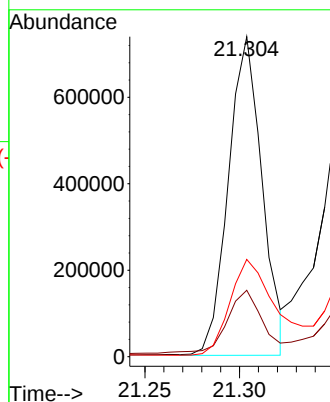
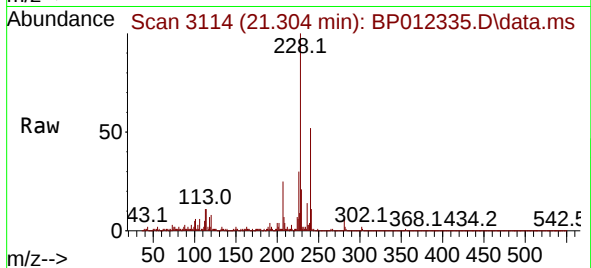
229 20.7 16.2 24.2

226 30.4 22.6 33.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#87

Chrysene

Concen: 6.329 ng/ul

RT: 21.357 min Scan# 3123

Delta R.T. -0.000 min

Lab File: BP012335.D

Acq: 26 Oct 2022 18:43

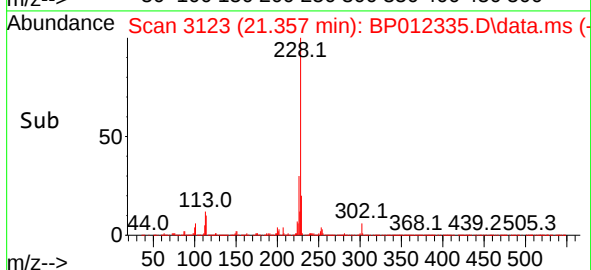
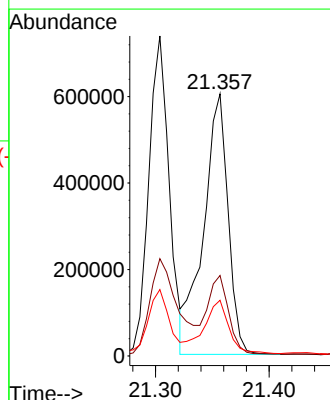
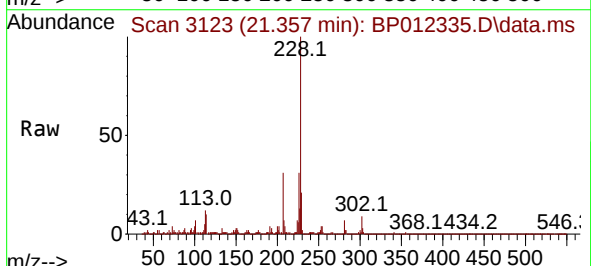
Tgt Ion:228 Resp: 906533

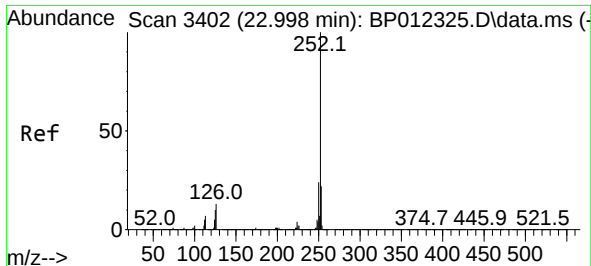
Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

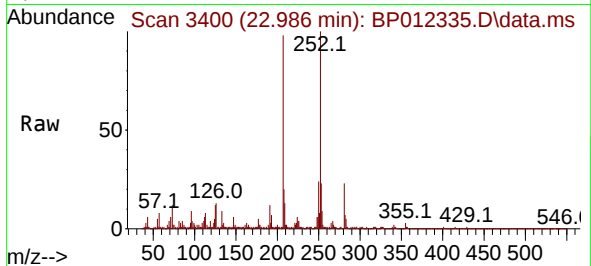
229 21.2 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 5.069 ng/ul
RT: 22.986 min Scan# 3400
Delta R.T. 0.006 min
Lab File: BP012335.D
Acq: 26 Oct 2022 18:43

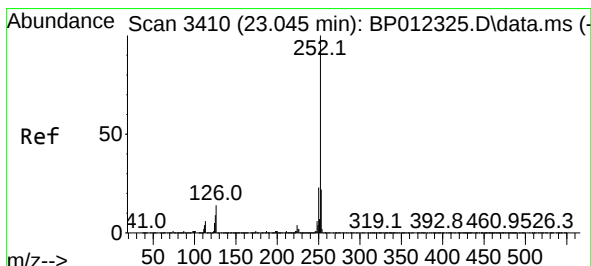
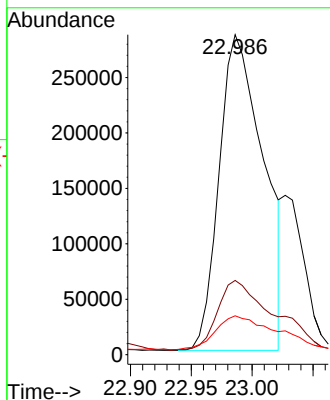
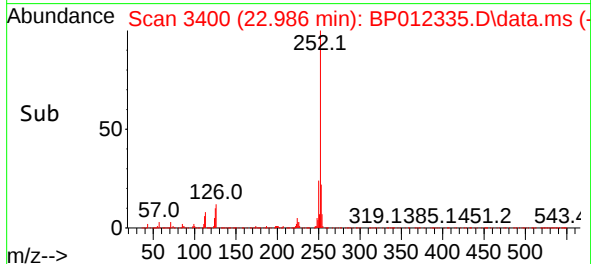
Instrument :
BNA_P
ClientSampleId :
C1BE5



Tgt Ion:252 Resp: 720064
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 12.1 8.7 13.1

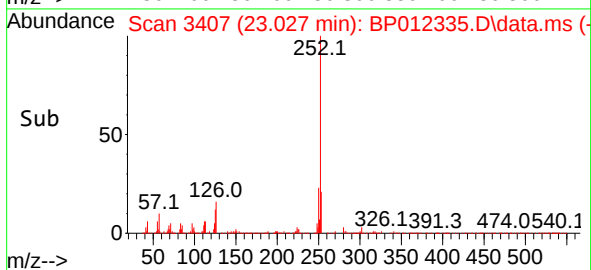
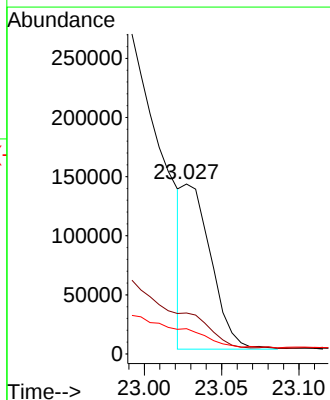
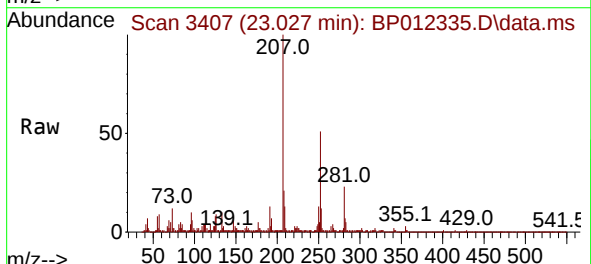
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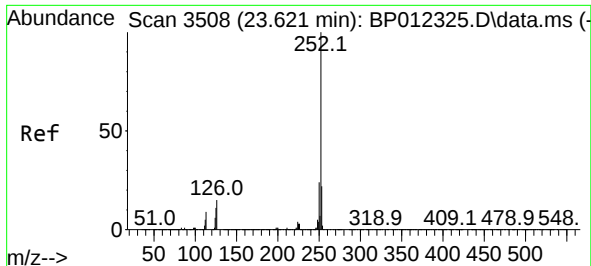
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#91
Benzo(k)fluoranthene
Concen: 1.308 ng/ul m
RT: 23.027 min Scan# 3407
Delta R.T. 0.000 min
Lab File: BP012335.D
Acq: 26 Oct 2022 18:43

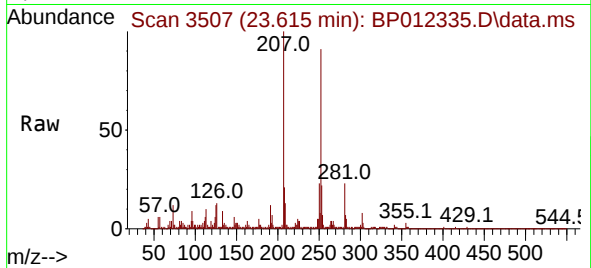
Tgt Ion:252 Resp: 177008
Ion Ratio Lower Upper
252 100
253 24.1 18.0 27.0
125 14.9 8.7 13.1#





#93
Benzo(a)pyrene
Concen: 4.119 ng/ul
RT: 23.615 min Scan# 3508
Delta R.T. 0.005 min
Lab File: BP012335.D
Acq: 26 Oct 2022 18:43

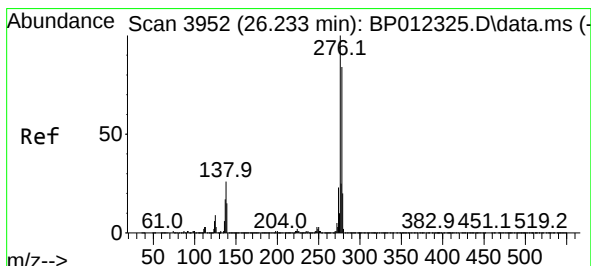
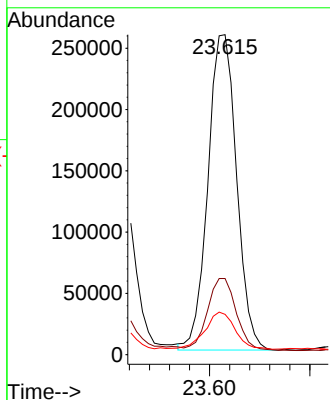
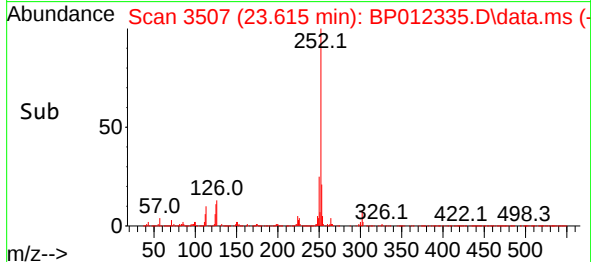
Instrument :
BNA_P
ClientSampleId :
C1BE5



Tgt Ion:252 Resp: 510964
Ion Ratio Lower Upper
252 100
253 23.8 18.0 27.0
125 12.6 9.4 14.0

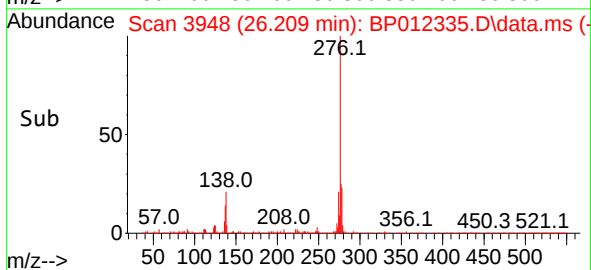
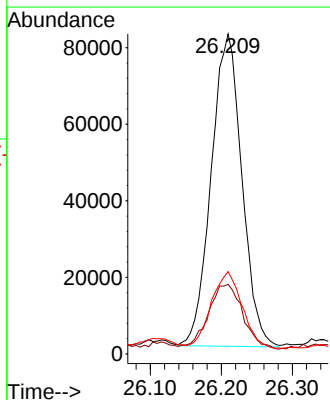
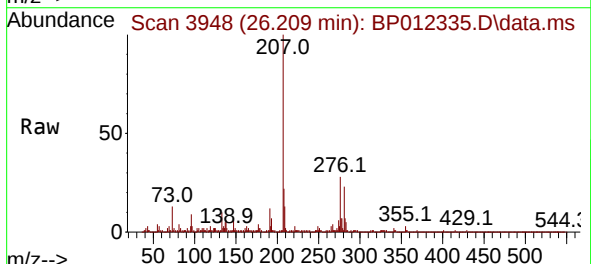
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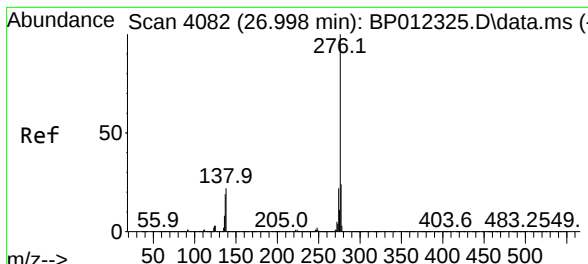
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.584 ng/ul
RT: 26.209 min Scan# 3948
Delta R.T. 0.006 min
Lab File: BP012335.D
Acq: 26 Oct 2022 18:43

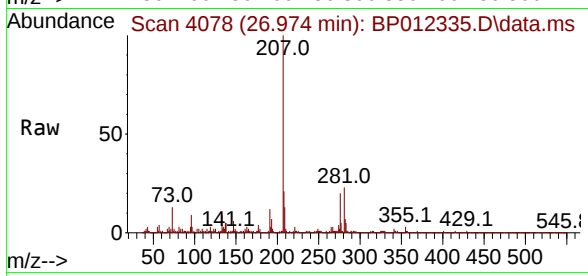
Tgt Ion:276 Resp: 244818
Ion Ratio Lower Upper
276 100
138 21.8 20.7 31.1
277 25.8 20.2 30.4





#96
 Benzo(g,h,i)perylene
 Concen: 1.552 ng/ul
 RT: 26.974 min Scan# 4082
 Delta R.T. 0.000 min
 Lab File: BP012335.D
 Acq: 26 Oct 2022 18:43

Instrument :
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 ClientSampleId :
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Tgt Ion: 276 Resp: 212119

Ion	Ratio	Lower	Upper
276	100		
138	22.6	17.8	26.8
277	24.9	19.5	29.3

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