

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
 Data File : BP012334.D
 Acq On : 26 Oct 2022 18:08
 Operator : CG/JU
 Sample : N5015-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C1BE1

Manual Integrations
 APPROVED

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

Quant Time: Oct 27 00:25:51 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	450704	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	2065710	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	1341089	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.227	188	2923316	20.000	ng/u1	0.00
79) Chrysene-d12	21.321	240	2671037	20.000	ng/u1	0.00
88) Perylene-d12	23.721	264	2517990	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	32363m	2.891	ng/uL	0.00
4) Pyridine-d5	3.699	84	26309m	0.818	ng/u1	0.02
7) Phenol-d5	6.987	99	685608	16.960	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	441226	18.284	ng/u1	0.00
11) 2-Chlorophenol-d4	7.346	132	558719	18.926	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	500823	15.664	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	284939	21.271	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	297772	21.417	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	566360	18.796	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	116088	2.587	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	1800980	19.618	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	2156342	20.554	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	189160	10.887	ng/u1	0.00
60) Fluorene-d10	15.463	176	1686206	21.453	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	56003	3.680	ng/u1	0.00
73) Anthracene-d10	17.322	188	2540753	20.171	ng/u1	0.00
81) Pyrene-d10	19.569	212	3019533	22.516	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.568	264	2569807	20.887	ng/u1	0.01
Target Compounds						
					Qvalue	
61) Fluorene	15.516	166	94069	1.049	ng/u1	98
72) Phenanthrene	17.269	178	3023793	19.579	ng/u1	100
74) Anthracene	17.357	178	324798	2.117	ng/u1	99
77) Carbazole	17.633	167	564657	4.132	ng/u1	99
80) Fluoranthene	19.245	202	7543744	45.561	ng/u1	97
82) Pyrene	19.598	202	6361538	37.094	ng/u1	97
85) Benzo(a)anthracene	21.304	228	2710329	15.905	ng/u1	99
87) Chrysene	21.357	228	3755221	23.573	ng/u1	98
90) Benzo(b)fluoranthene	22.992	252	4854575	30.447	ng/u1	99
91) Benzo(k)fluoranthene	23.033	252	1615414m	10.631	ng/u1	
93) Benzo(a)pyrene	23.615	252	2785658	20.006	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.215	276	2277633	13.127	ng/u1	95
95) Dibenzo(a,h)anthracene	26.221	278	516535	3.325	ng/u1#	84
96) Benzo(g,h,i)perylene	26.980	276	2012260	13.120	ng/u1	99

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

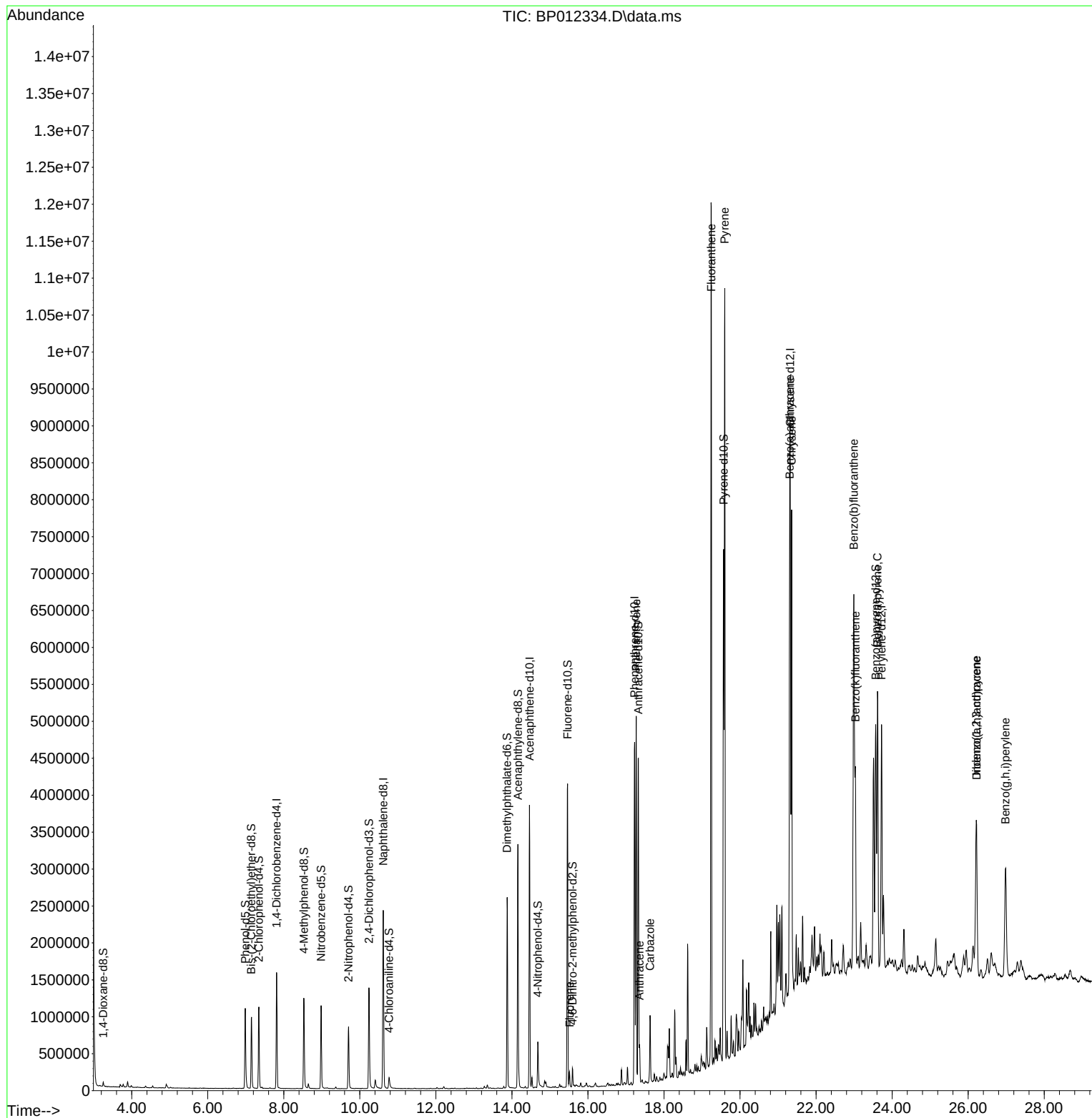
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
Data File : BP012334.D
Acq On : 26 Oct 2022 18:08
Operator : CG/JU
Sample : N5015-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

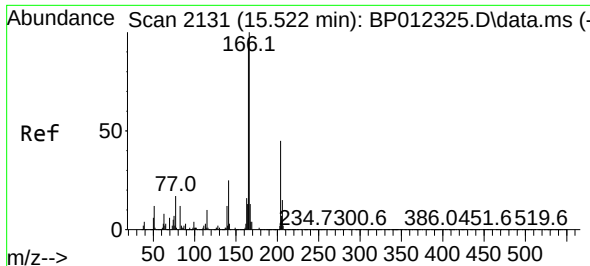
Instrument :
BNA_P
ClientSampleId :
C1BE1

Quant Time: Oct 27 00:25:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
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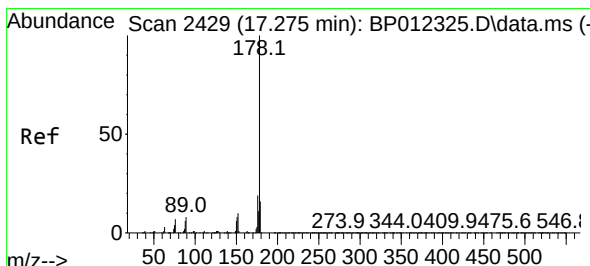
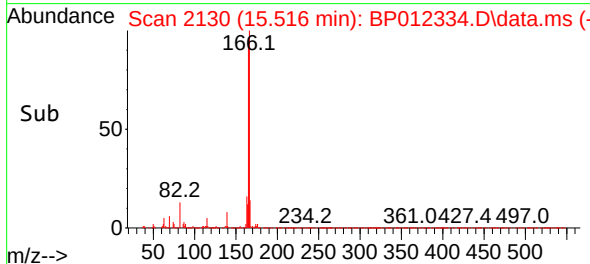
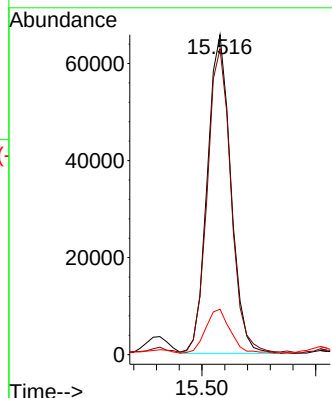
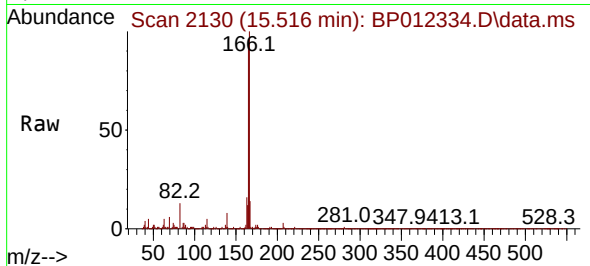
#61
Fluorene
Concen: 1.049 ng/ul
RT: 15.516 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BP012334.D
Acq: 26 Oct 2022 18:08

Instrument :
BNA_P
ClientSampleId :
C1BE1

Tgt Ion:166 Resp: 94069
Ion Ratio Lower Upper
166 100
165 95.6 77.8 116.8
167 14.2 10.6 15.8

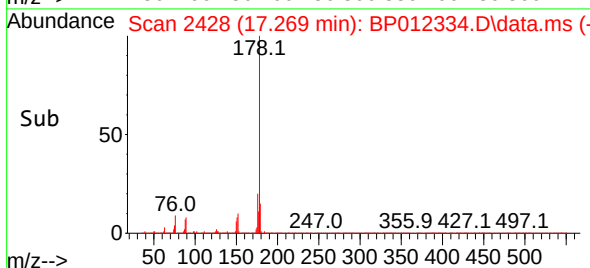
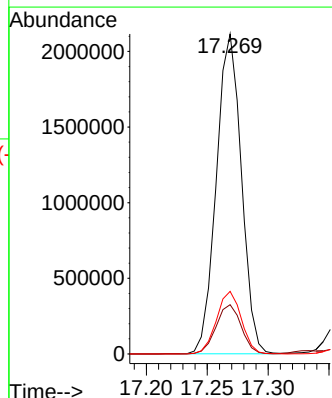
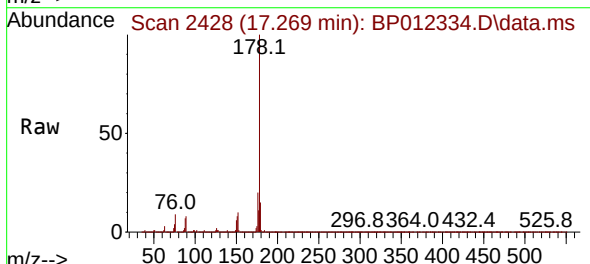
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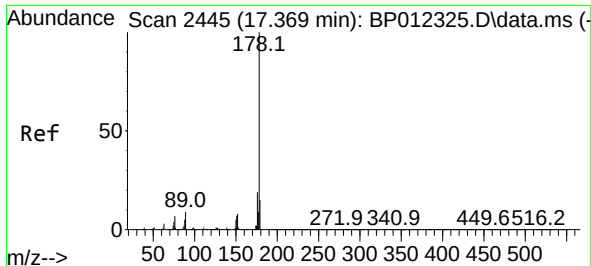
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#72
Phenanthrene
Concen: 19.579 ng/ul
RT: 17.269 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BP012334.D
Acq: 26 Oct 2022 18:08

Tgt Ion:178 Resp: 3023793
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.6 15.8 23.6





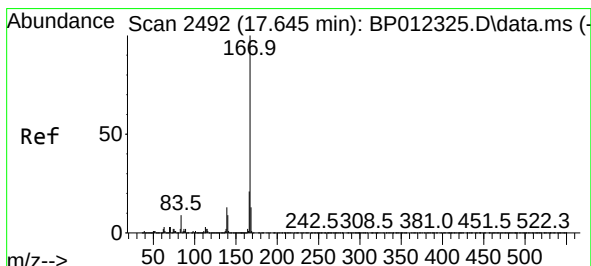
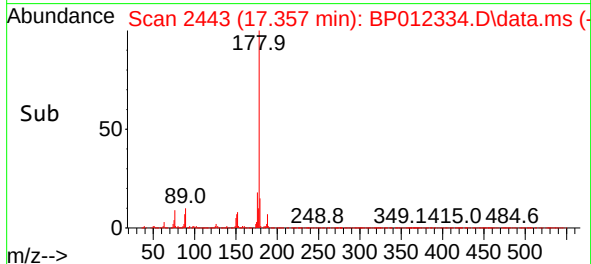
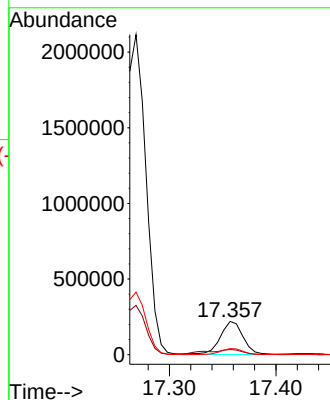
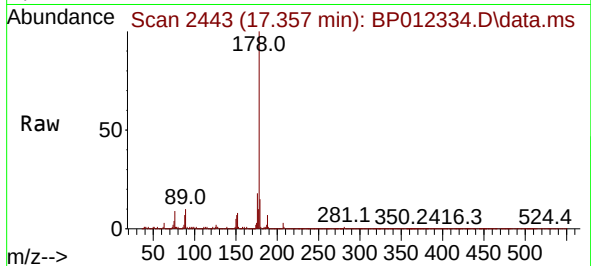
#74
 Anthracene
 Concen: 2.117 ng/ul
 RT: 17.357 min Scan# 2445
 Delta R.T. -0.000 min
 Lab File: BP012334.D
 Acq: 26 Oct 2022 18:08

Instrument :
 BNA_P
 ClientSampleId :
 C1BE1

Tgt Ion:178 Resp: 324798
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.5 18.7
 176 18.3 15.3 22.9

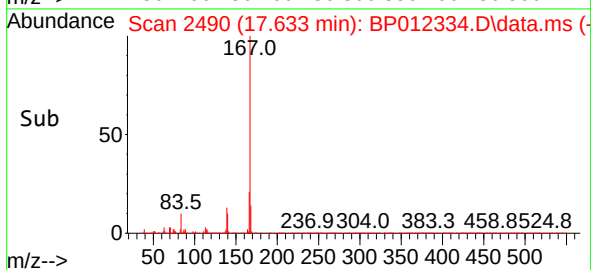
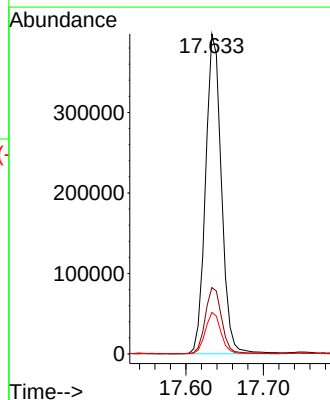
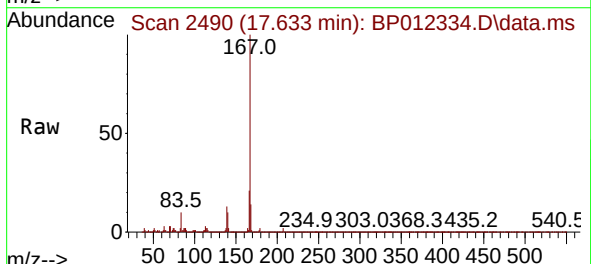
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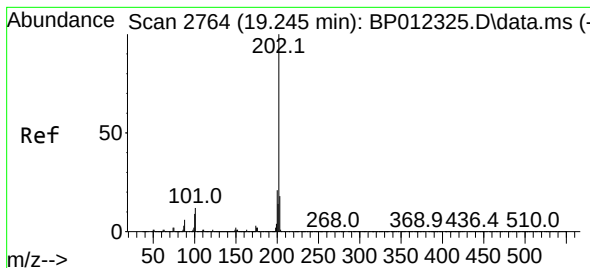
Reviewed By :Jagrut Upadhyay 10/27/2022
 Supervised By :mohammad ahmed 10/27/2022



#77
 Carbazole
 Concen: 4.132 ng/ul
 RT: 17.633 min Scan# 2490
 Delta R.T. 0.000 min
 Lab File: BP012334.D
 Acq: 26 Oct 2022 18:08

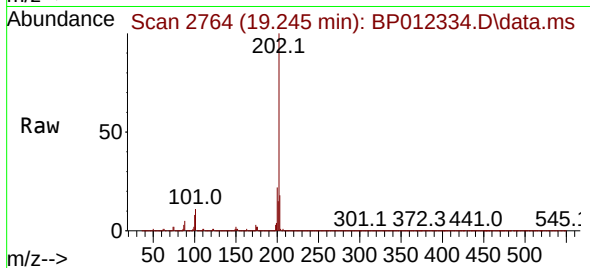
Tgt Ion:167 Resp: 564657
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.1 25.7
 139 13.0 10.4 15.6





#80
Fluoranthene
Concen: 45.561 ng/u1
RT: 19.245 min Scan# 2764
Delta R.T. 0.006 min
Lab File: BP012334.D
Acq: 26 Oct 2022 18:08

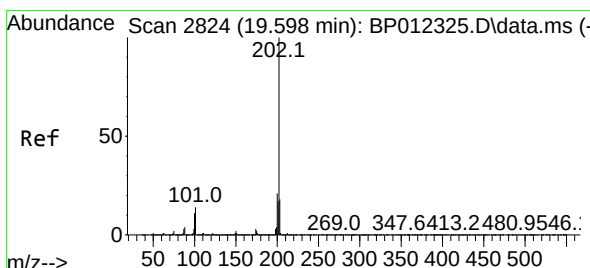
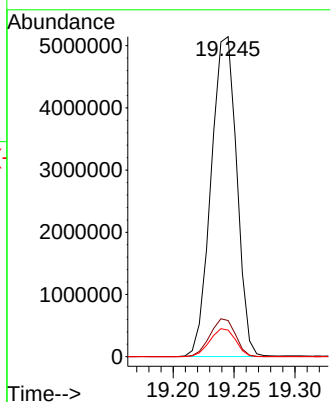
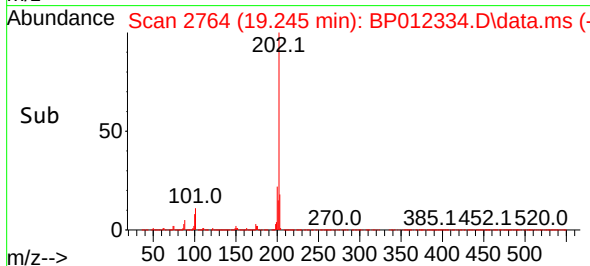
Instrument :
BNA_P
ClientSampleId :
C1BE1



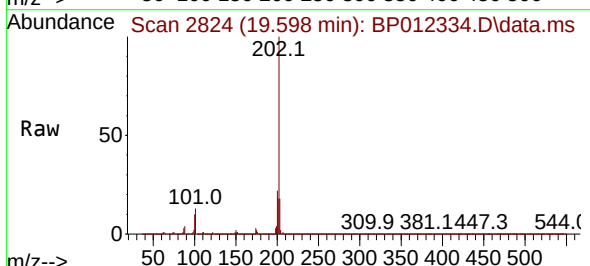
Tgt Ion:202 Resp: 7543744
Ion Ratio Lower Upper
202 100
101 11.3 9.9 14.9
100 8.3 7.4 11.2

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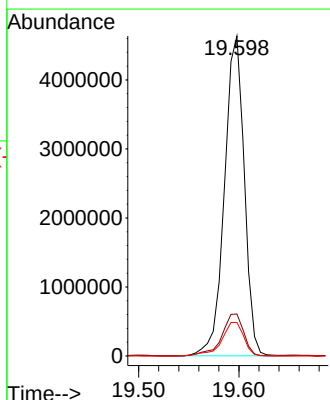
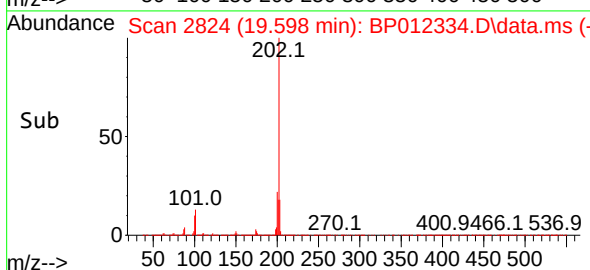
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022

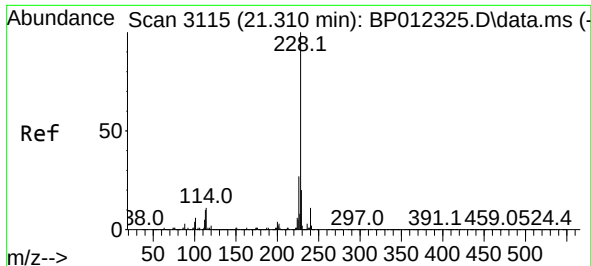


#82
Pyrene
Concen: 37.094 ng/u1
RT: 19.598 min Scan# 2824
Delta R.T. 0.006 min
Lab File: BP012334.D
Acq: 26 Oct 2022 18:08



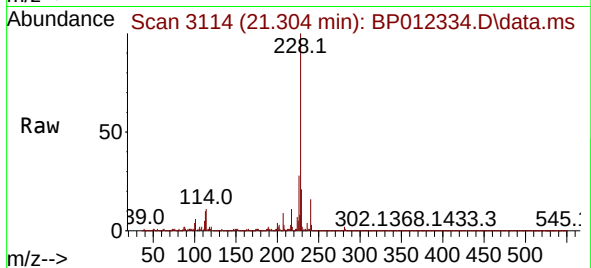
Tgt Ion:202 Resp: 6361538
Ion Ratio Lower Upper
202 100
101 13.1 11.8 17.6
100 10.5 9.3 13.9





#85
Benzo(a)anthracene
Concen: 15.905 ng/u1
RT: 21.304 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP012334.D
Acq: 26 Oct 2022 18:08

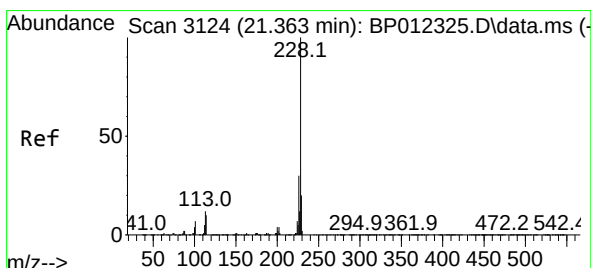
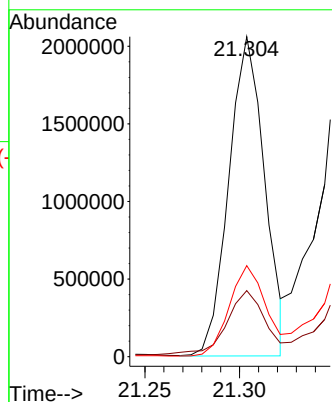
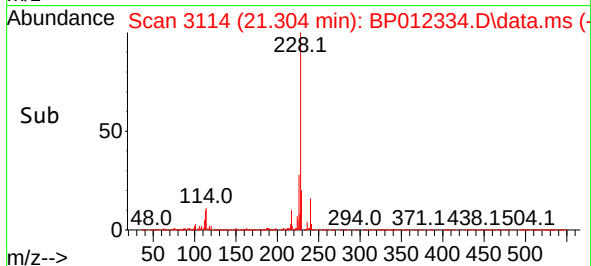
Instrument :
BNA_P
ClientSampleId :
C1BE1



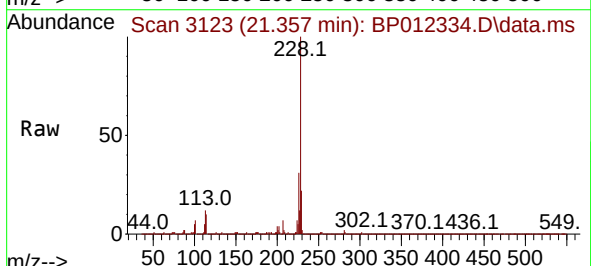
Tgt Ion:228 Resp: 2710329
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 28.5 22.6 33.8

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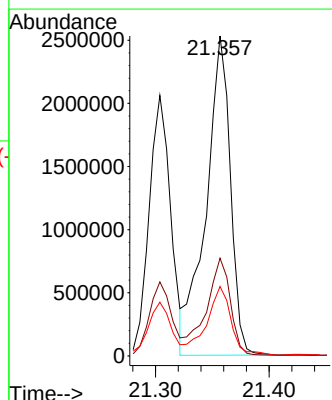
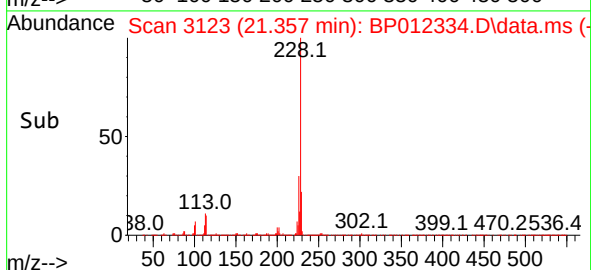
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022

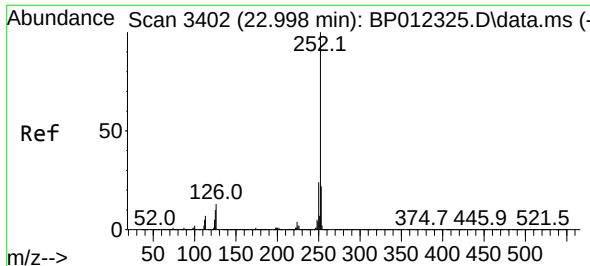


#87
Chrysene
Concen: 23.573 ng/u1
RT: 21.357 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BP012334.D
Acq: 26 Oct 2022 18:08



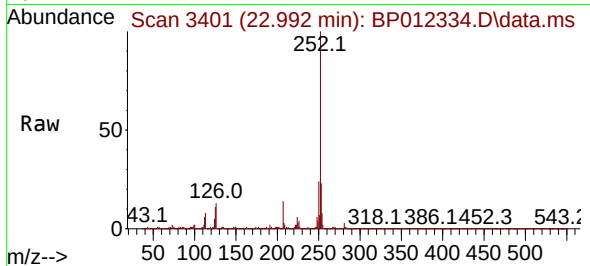
Tgt Ion:228 Resp: 3755221
Ion Ratio Lower Upper
228 100
226 30.5 24.9 37.3
229 21.7 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 30.447 ng/ul
RT: 22.992 min Scan# 3401
Delta R.T. 0.012 min
Lab File: BP012334.D
Acq: 26 Oct 2022 18:08

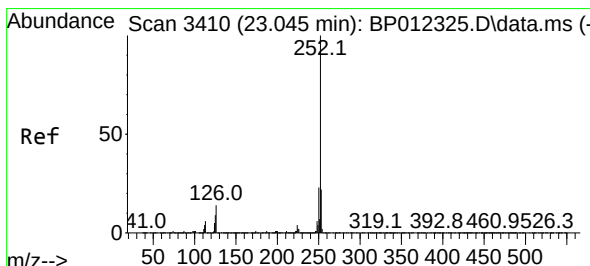
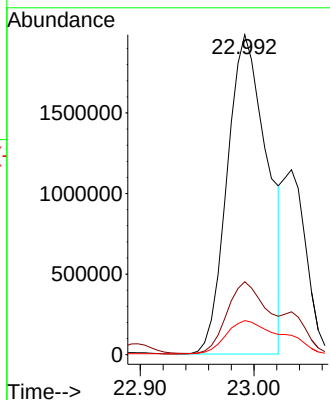
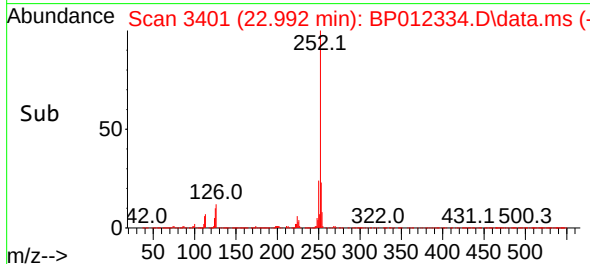
Instrument :
BNA_P
ClientSampleId :
C1BE1



Tgt Ion:252 Resp: 4854579
Ion Ratio Lower Upper
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253 22.8 17.8 26.8
125 10.6 8.7 13.1

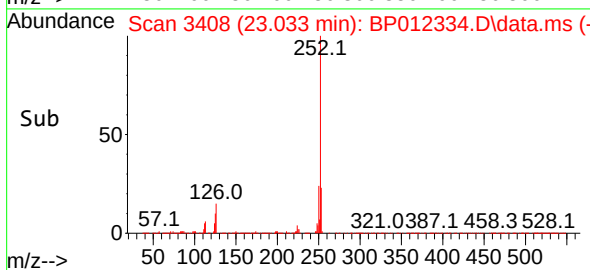
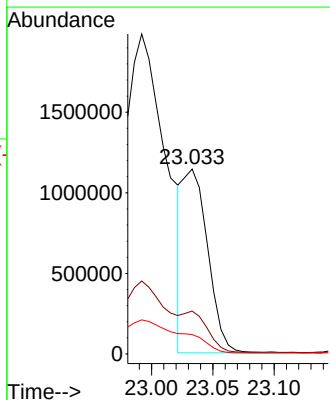
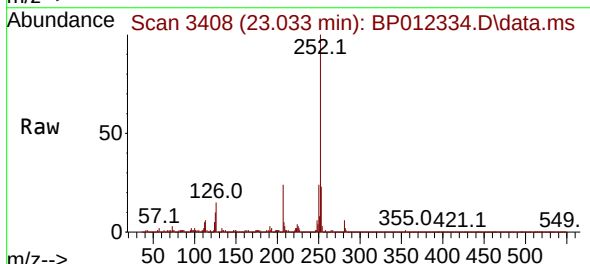
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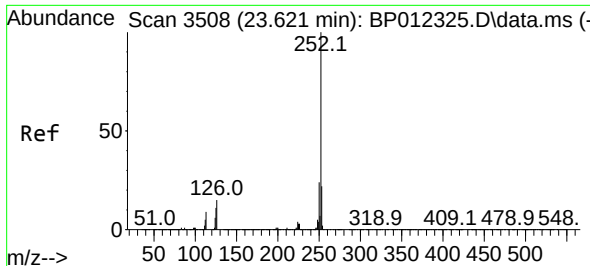
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#91
Benzo(k)fluoranthene
Concen: 10.631 ng/ul m
RT: 23.033 min Scan# 3408
Delta R.T. 0.006 min
Lab File: BP012334.D
Acq: 26 Oct 2022 18:08

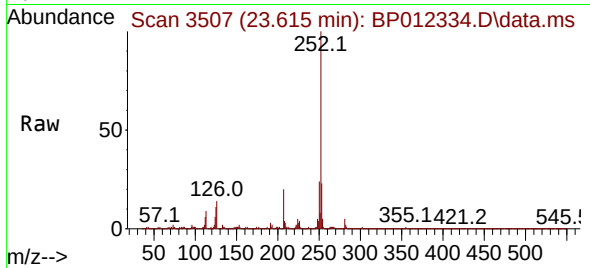
Tgt Ion:252 Resp: 1615414
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 10.5 8.7 13.1





#93
Benzo(a)pyrene
Concen: 20.006 ng/ul
RT: 23.615 min Scan# 31
Delta R.T. 0.005 min
Lab File: BP012334.D
Acq: 26 Oct 2022 18:08

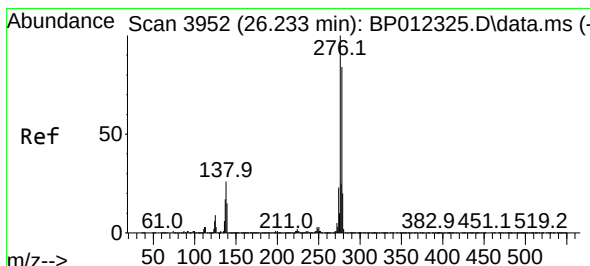
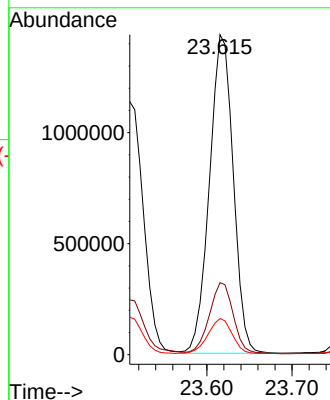
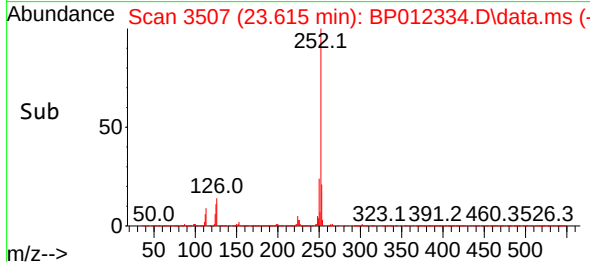
Instrument :
BNA_P
ClientSampleId :
C1BE1



Tgt Ion:252 Resp: 2785658
Ion Ratio Lower Upper
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253 22.5 18.0 27.0
125 11.3 9.4 14.0

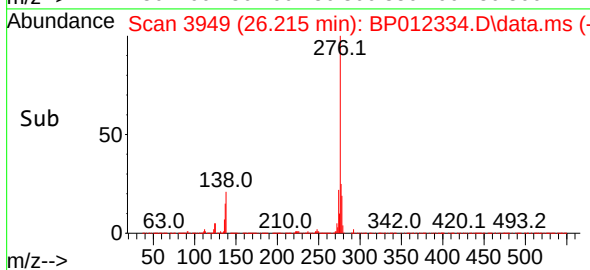
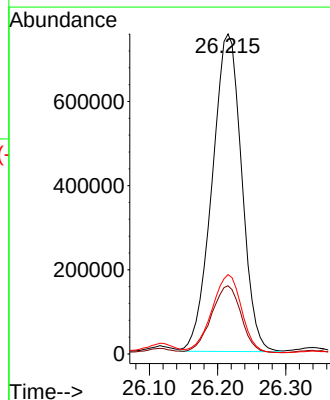
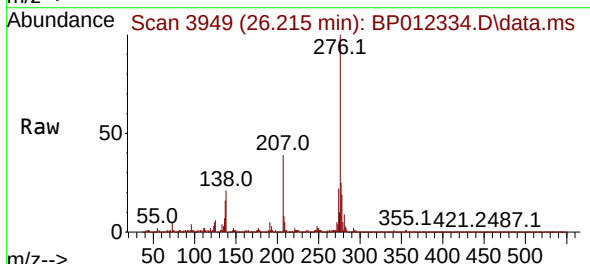
Manual Integrations
APPROVED

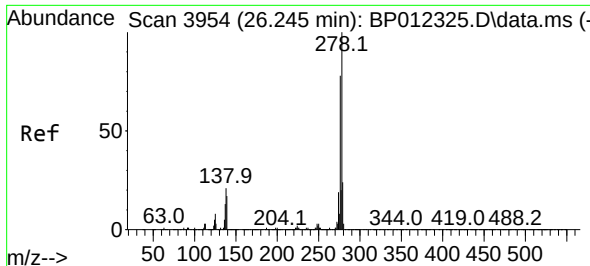
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#94
Indeno(1,2,3-cd)pyrene
Concen: 13.127 ng/ul
RT: 26.215 min Scan# 3949
Delta R.T. 0.012 min
Lab File: BP012334.D
Acq: 26 Oct 2022 18:08

Tgt Ion:276 Resp: 2277633
Ion Ratio Lower Upper
276 100
138 21.3 20.7 31.1
277 24.8 20.2 30.4





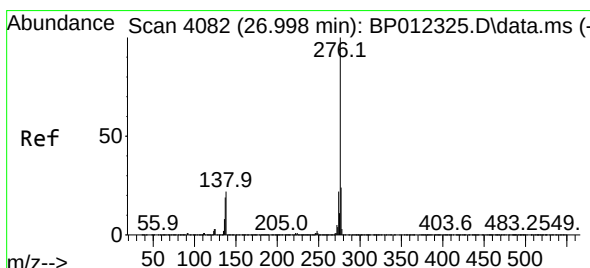
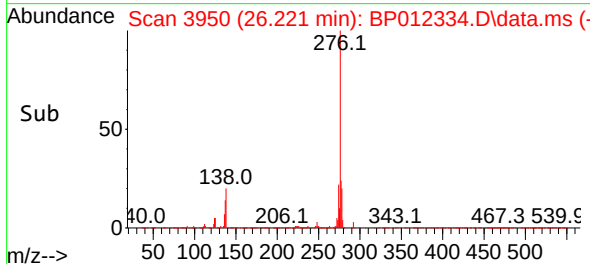
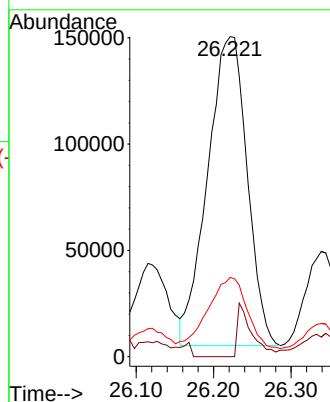
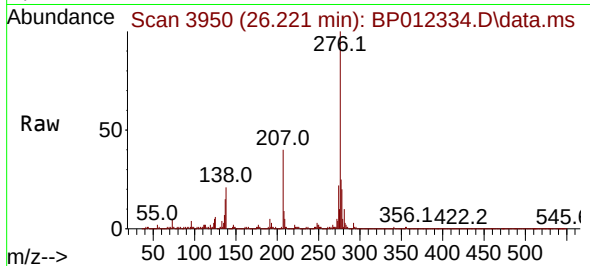
#95
Dibenzo(a,h)anthracene
Concen: 3.325 ng/ul
RT: 26.221 min Scan# 3954
Delta R.T. 0.000 min
Lab File: BP012334.D
Acq: 26 Oct 2022 18:08

Instrument :
BNA_P
ClientSampleId :
C1BE1

Tgt Ion:278 Resp: 51653
Ion Ratio Lower Upper
278 100
139 0.0 13.2 19.8
279 24.8 19.4 29.0

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 13.120 ng/ul
RT: 26.980 min Scan# 4079
Delta R.T. 0.006 min
Lab File: BP012334.D
Acq: 26 Oct 2022 18:08

Tgt Ion:276 Resp: 2012260
Ion Ratio Lower Upper
276 100
138 21.7 17.8 26.8
277 25.0 19.5 29.3

