

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103122\
 Data File : BP012411.D
 Acq On : 01 Nov 2022 05:50
 Operator : CG/JU
 Sample : N5216-17
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHA79

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022
 Supervised By :mohammad ahmed 11/02/2022

Quant Time: Nov 01 06:20:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 01 01:03:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	354309	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	1585013	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	1031642	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	2275272	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	2516093	20.000	ng/u1	0.00
88) Perylene-d12	23.686	264	2559506	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	35191	3.999	ng/uL	0.00
4) Pyridine-d5	3.687	84	29970m	1.186	ng/u1	0.03
7) Phenol-d5	6.969	99	126213	3.972	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	489525	25.804	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	441323	19.017	ng/u1	0.00
15) 4-Methylphenol-d8	8.511	113	268068	10.666	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	325096	31.629	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	322830	30.260	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	544045	23.531	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	137976	4.008	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	2260805	32.013	ng/u1	0.00
49) Acenaphthylene-d8	14.134	160	2398439	29.719	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	48980	3.665	ng/u1	0.00
60) Fluorene-d10	15.440	176	2010821	33.256	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	348014	29.378	ng/u1	0.00
73) Anthracene-d10	17.304	188	3407960	34.762	ng/u1	0.00
81) Pyrene-d10	19.545	212	4125920	32.661	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.533	264	4336546	34.675	ng/u1	-0.01
Target Compounds					Qvalue	
62) 4-Chlorophenyl-phenyle...	15.492	204	36697	1.084	ng/u1	98
68) 4-Bromophenyl-phenylether	16.392	248	44590	1.951	ng/u1	100
69) Hexachlorobenzene	16.504	284	84228	3.073	ng/u1	98
72) Phenanthrene	17.245	178	321402	2.674	ng/u1	98
74) Anthracene	17.339	178	409545	3.430	ng/u1	100
77) Carbazole	17.622	167	129489	1.218	ng/u1	99
78) Di-n-butylphthalate	18.163	149	296854	2.403	ng/u1	99
80) Fluoranthene	19.222	202	559002	3.584	ng/u1	98
82) Pyrene	19.575	202	597287	3.697	ng/u1	99
83) Butylbenzylphthalate	20.451	149	186163	3.091	ng/u1	97
85) Benzo(a)anthracene	21.286	228	666518	4.152	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.204	149	353248	3.836	ng/u1	98
87) Chrysene	21.333	228	655999	4.371	ng/u1	98
89) Di-n-octyl phthalate	22.122	149	572453	3.750	ng/u1	100
90) Benzo(b)fluoranthene	22.957	252	687369	4.241	ng/u1	100
91) Benzo(k)fluoranthene	23.004	252	673687	4.362	ng/u1	100
93) Benzo(a)pyrene	23.580	252	576253	4.071	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.163	276	657825	3.730	ng/u1	100
95) Dibenzo(a,h)anthracene	26.174	278	592054	3.749	ng/u1	99
96) Benzo(g,h,i)perylene	26.921	276	548136	3.516	ng/u1	99

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

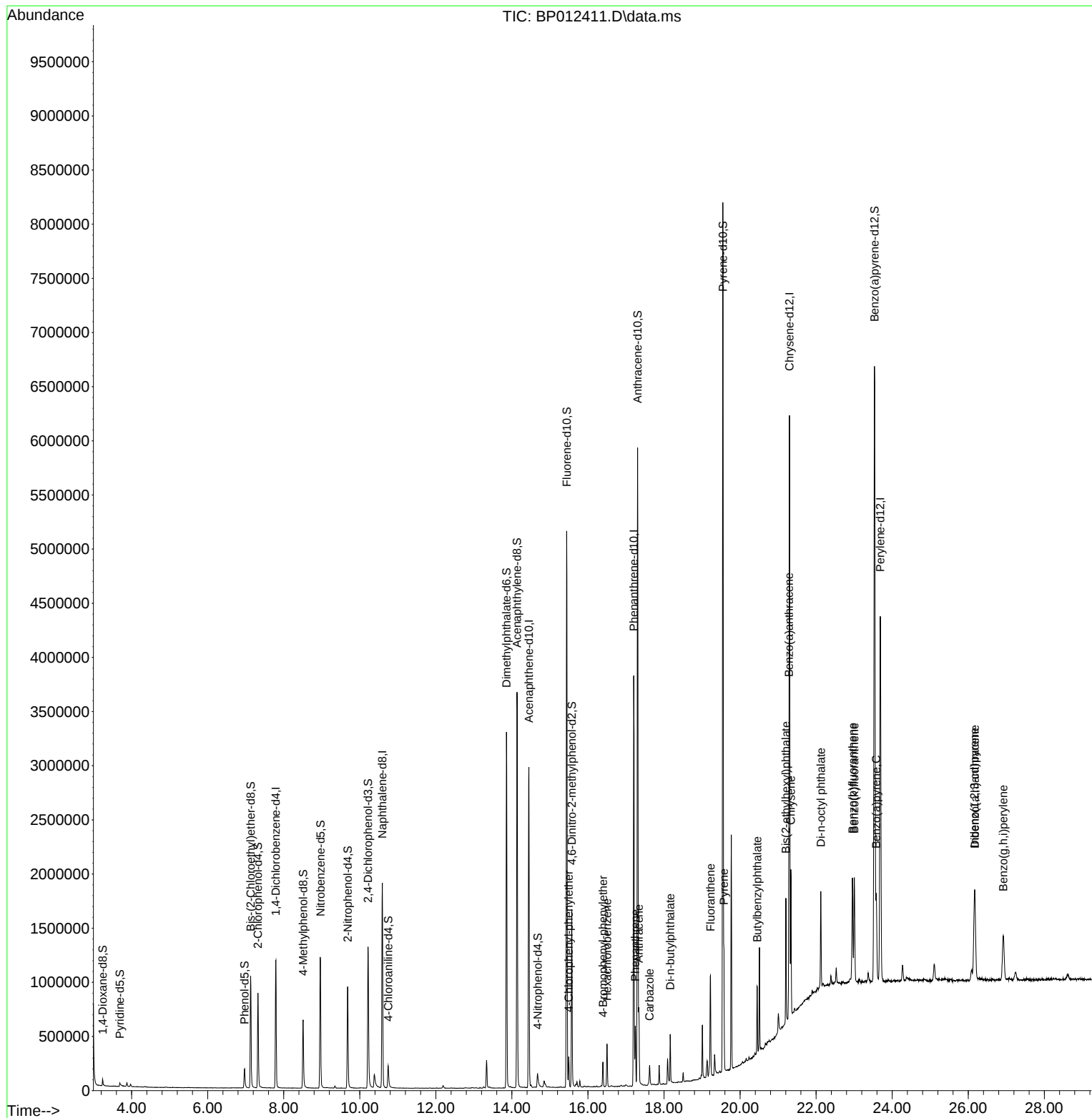
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103122\
Data File : BP012411.D
Acq On : 01 Nov 2022 05:50
Operator : CG/JU
Sample : N5216-17
Misc :
ALS Vial : 32 Sample Multiplier: 1

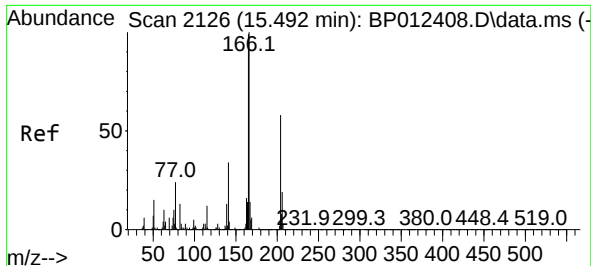
Instrument :
BNA_P
ClientSampleId :
BHA79

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

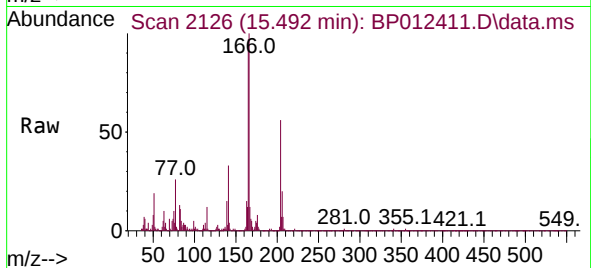
Quant Time: Nov 01 06:20:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 01 01:03:58 2022
Response via : Initial Calibration





#62
4-Chlorophenyl-phenylether
Concen: 1.084 ng/ul
RT: 15.492 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP012411.D
Acq: 01 Nov 2022 05:50

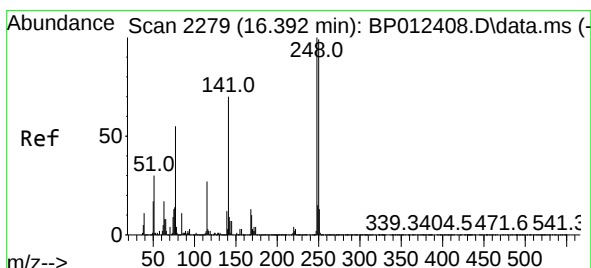
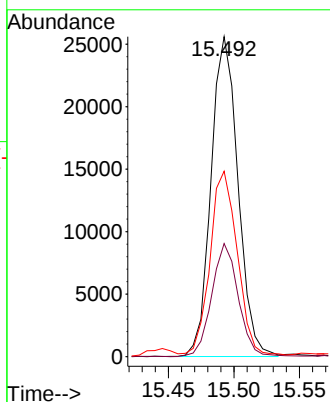
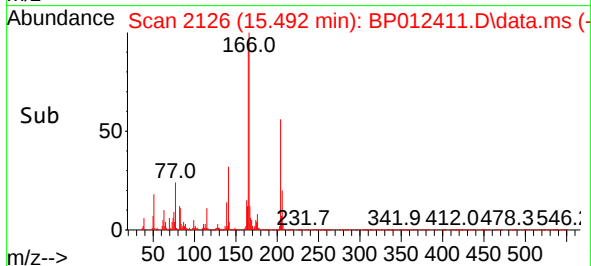
Instrument :
BNA_P
ClientSampleId :
BHA79



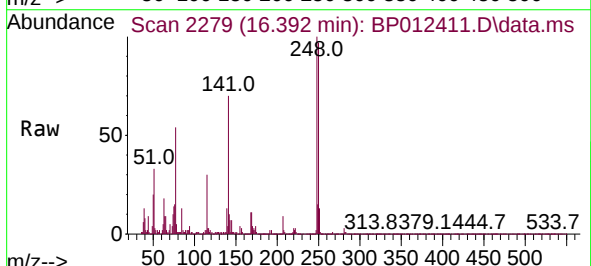
Tgt Ion:204 Resp: 36697
Ion Ratio Lower Upper
204 100
206 35.3 26.5 39.7
141 57.9 47.3 70.9

Manual Integrations
APPROVED

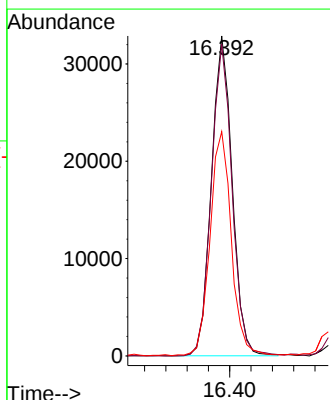
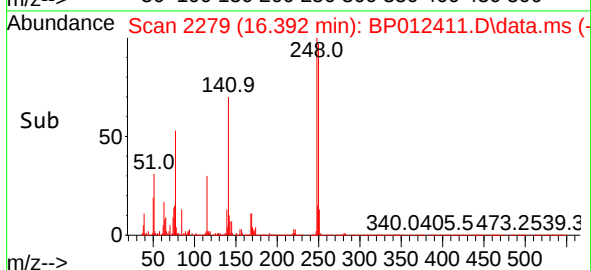
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

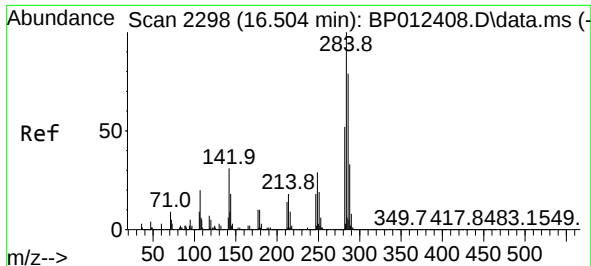


#68
4-Bromophenyl-phenylether
Concen: 1.951 ng/ul
RT: 16.392 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BP012411.D
Acq: 01 Nov 2022 05:50



Tgt Ion:248 Resp: 44590
Ion Ratio Lower Upper
248 100
250 97.4 77.4 116.2
141 70.1 56.2 84.2





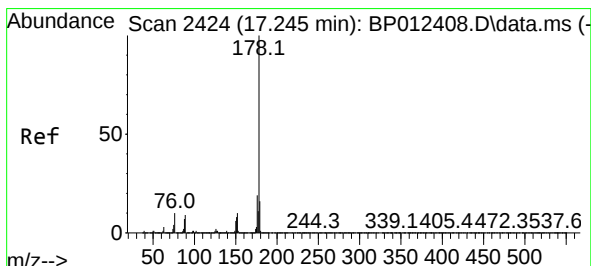
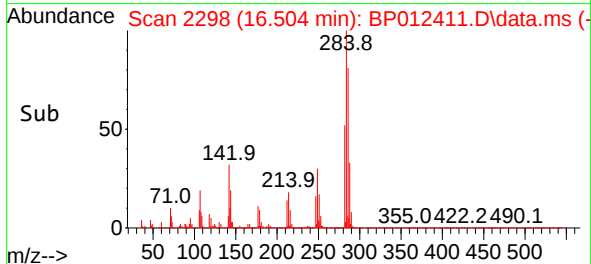
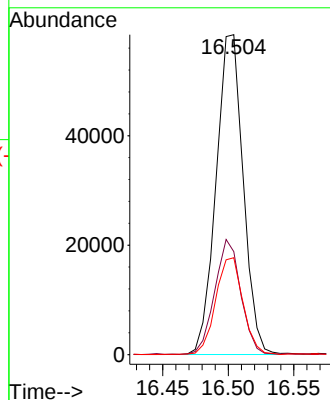
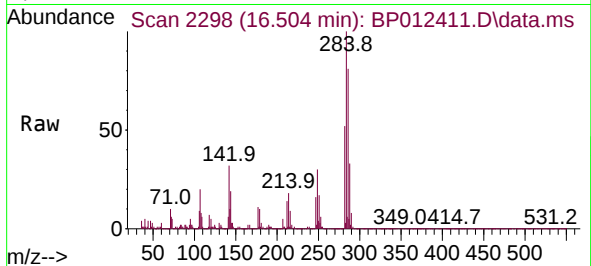
#69
Hexachlorobenzene
Concen: 3.073 ng/ul
RT: 16.504 min Scan# 2298
Delta R.T. -0.006 min
Lab File: BP012411.D
Acq: 01 Nov 2022 05:50

Instrument : BNA_P
ClientSampleId : BHA79

Tgt Ion:284 Resp: 84228
Ion Ratio Lower Upper
284 100
142 32.2 27.1 40.7
249 30.3 24.5 36.7

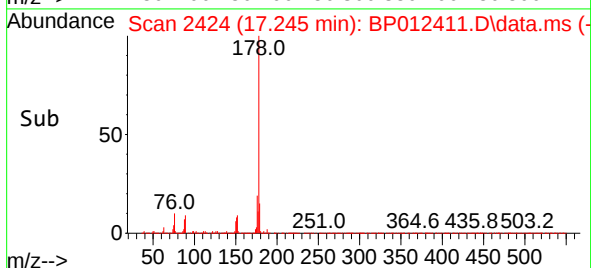
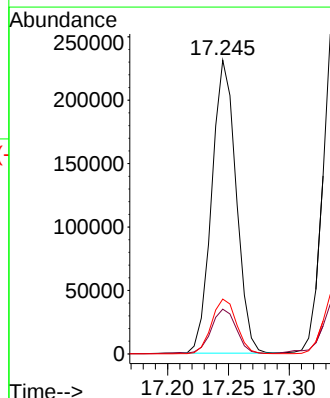
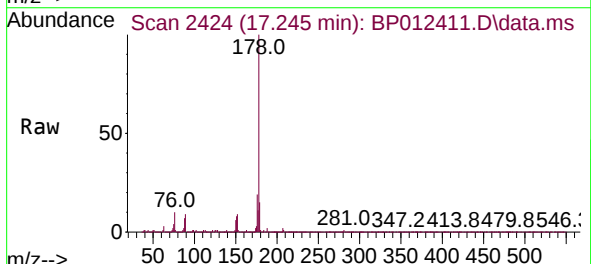
Manual Integrations
APPROVED

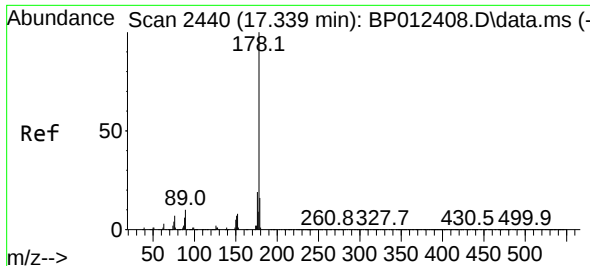
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#72
Phenanthrene
Concen: 2.674 ng/ul
RT: 17.245 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP012411.D
Acq: 01 Nov 2022 05:50

Tgt Ion:178 Resp: 321402
Ion Ratio Lower Upper
178 100
179 15.2 12.6 18.8
176 18.7 15.8 23.6





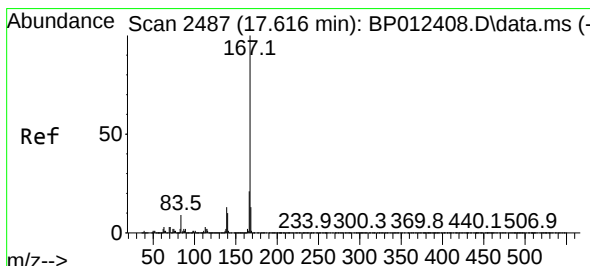
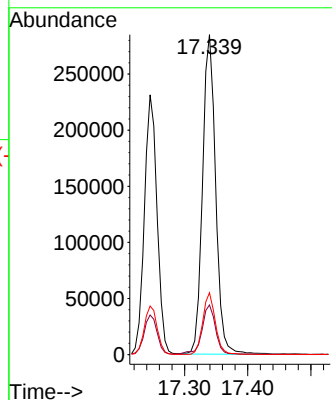
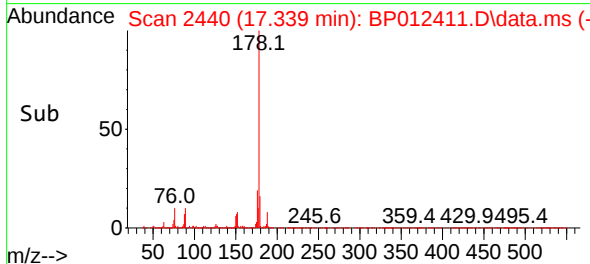
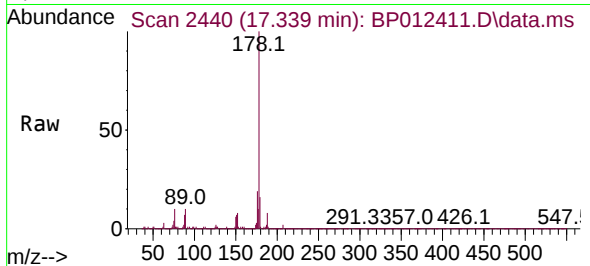
#74
 Anthracene
 Concen: 3.430 ng/ul
 RT: 17.339 min Scan# 2440
 Delta R.T. -0.006 min
 Lab File: BP012411.D
 Acq: 01 Nov 2022 05:50

Instrument : BNA_P
 ClientSampleId : BHA79

Tgt Ion:178 Resp: 409545
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.5 18.7
 176 19.3 15.3 22.9

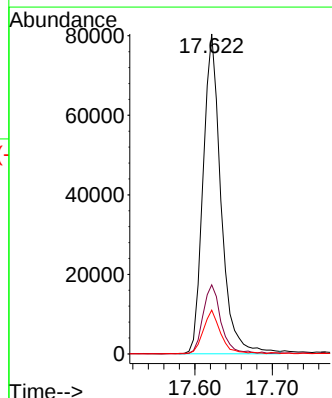
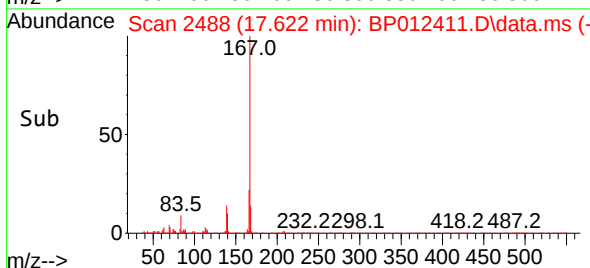
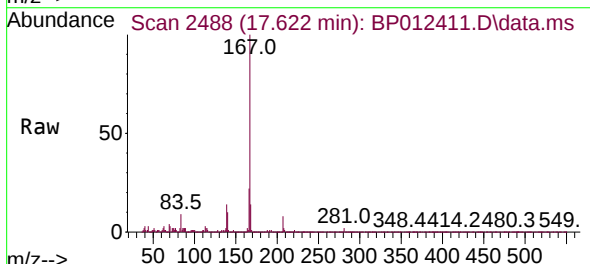
Manual Integrations
 APPROVED

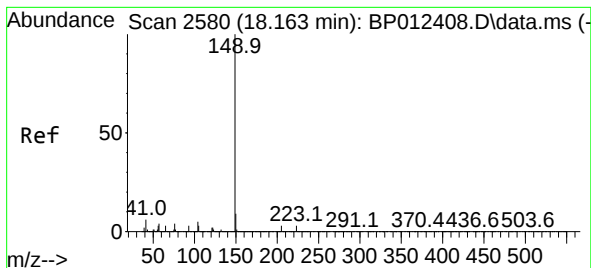
Reviewed By :Jagrut Upadhyay 11/01/2022
 Supervised By :mohammad ahmed 11/02/2022



#77
 Carbazole
 Concen: 1.218 ng/ul
 RT: 17.622 min Scan# 2488
 Delta R.T. -0.000 min
 Lab File: BP012411.D
 Acq: 01 Nov 2022 05:50

Tgt Ion:167 Resp: 129489
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 13.7 10.4 15.6





#78

Di-n-butylphthalate

Concen: 2.403 ng/ul

RT: 18.163 min Scan# 2580

Delta R.T. -0.006 min

Lab File: BP012411.D

Acq: 01 Nov 2022 05:50

Instrument :

BNA_P

ClientSampleId :

BHA79

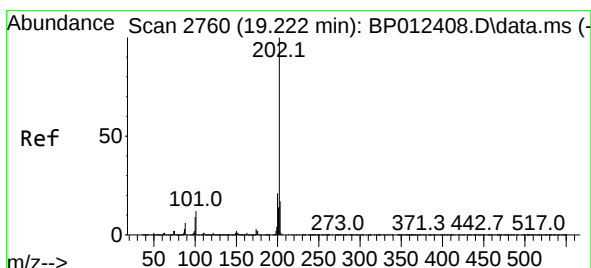
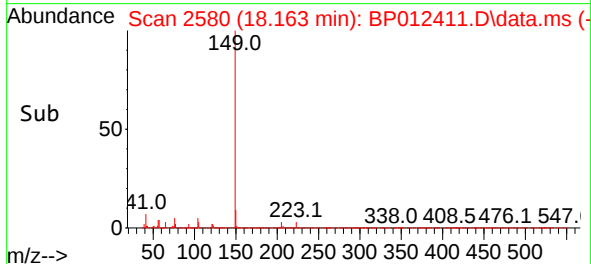
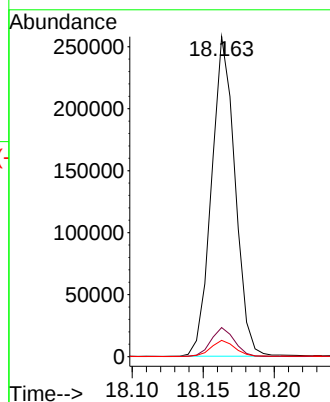
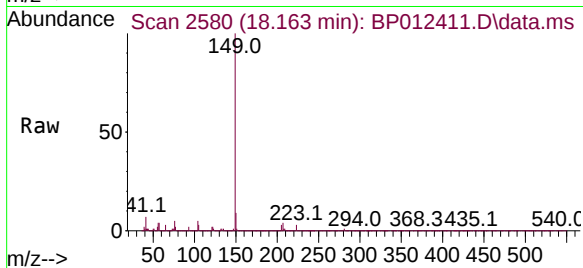
Tgt Ion:149 Resp: 296854

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	5.1	4.0	6.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#80

Fluoranthene

Concen: 3.584 ng/ul

RT: 19.222 min Scan# 2760

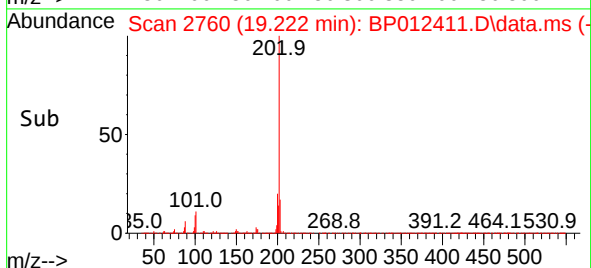
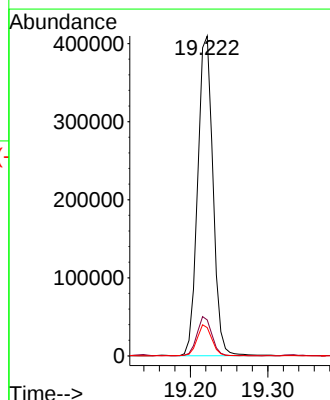
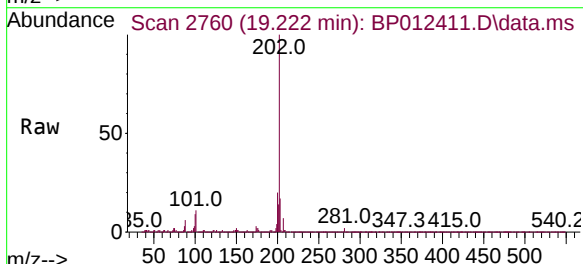
Delta R.T. -0.006 min

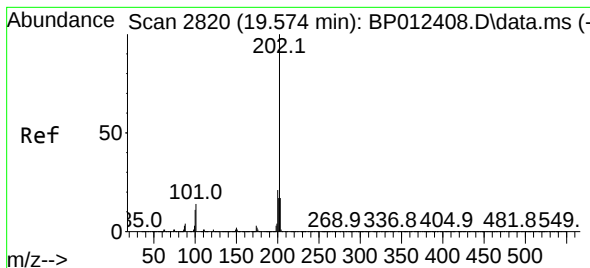
Lab File: BP012411.D

Acq: 01 Nov 2022 05:50

Tgt Ion:202 Resp: 559002

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.9	14.9
100	8.8	7.4	11.2





#82

Pyrene

Concen: 3.697 ng/ul

RT: 19.575 min Scan# 2820

Delta R.T. -0.006 min

Lab File: BP012411.D

Acq: 01 Nov 2022 05:50

Instrument :

BNA_P

ClientSampleId :

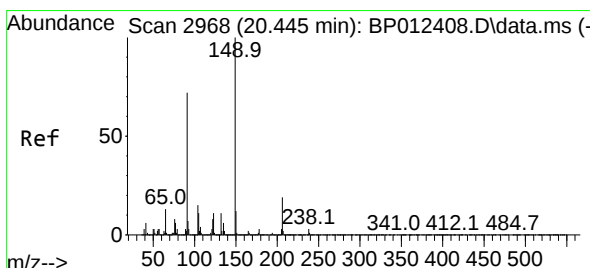
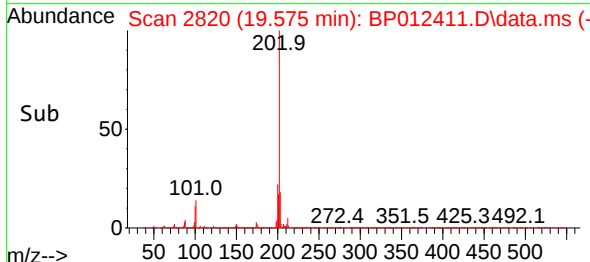
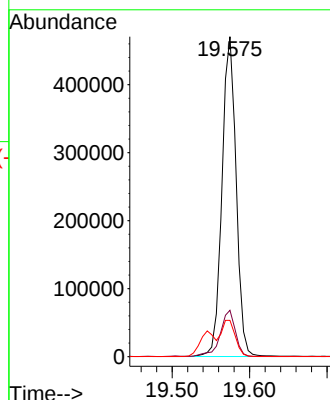
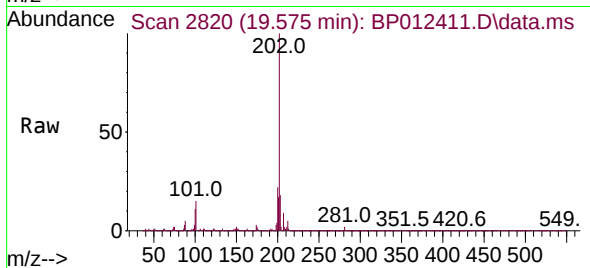
BHA79

Tgt Ion:	202	Resp:	59728
Ion Ratio	Lower	Upper	
202	100		
101	14.5	11.8	17.6
100	11.4	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#83

Butylbenzylphthalate

Concen: 3.091 ng/ul

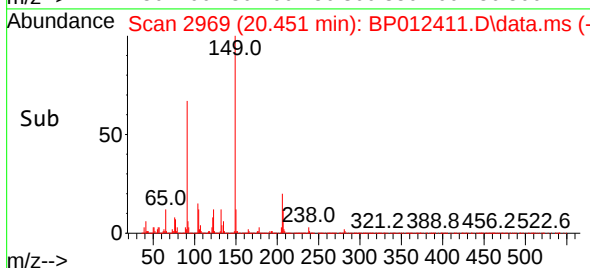
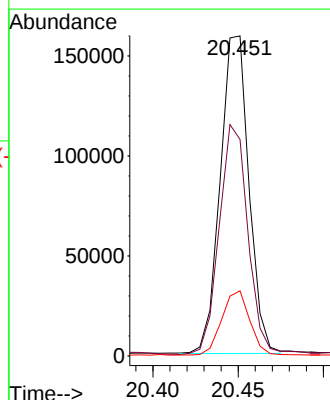
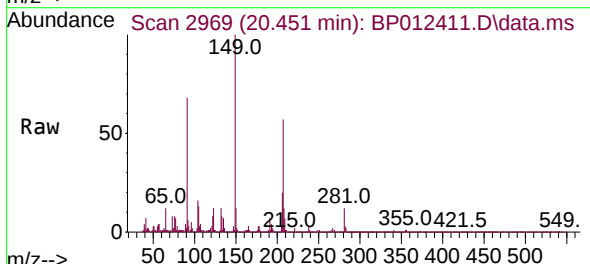
RT: 20.451 min Scan# 2969

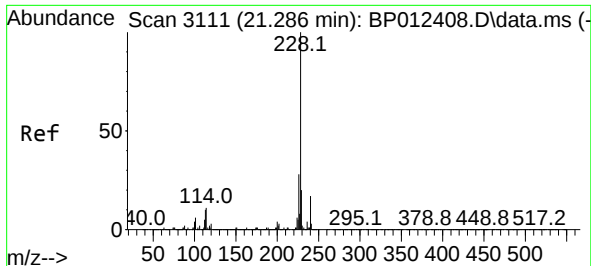
Delta R.T. -0.000 min

Lab File: BP012411.D

Acq: 01 Nov 2022 05:50

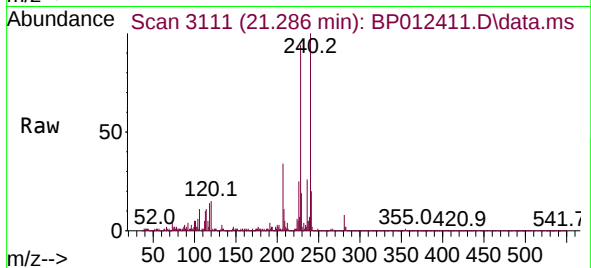
Tgt Ion:	149	Resp:	186163
Ion Ratio	Lower	Upper	
149	100		
91	67.6	56.9	85.3
206	20.3	16.2	24.4





#85
Benzo(a)anthracene
Concen: 4.152 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP012411.D
Acq: 01 Nov 2022 05:50

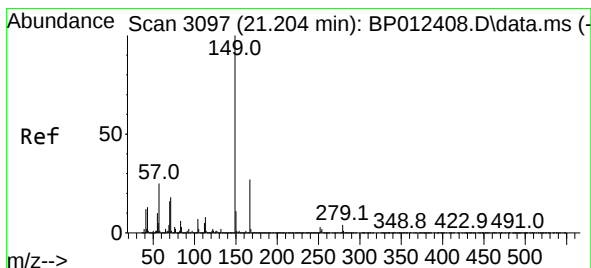
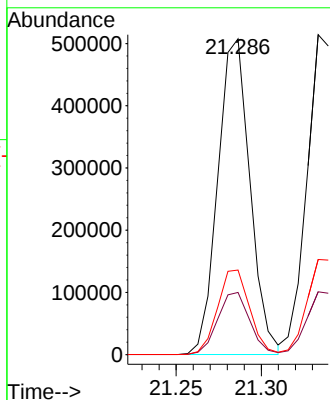
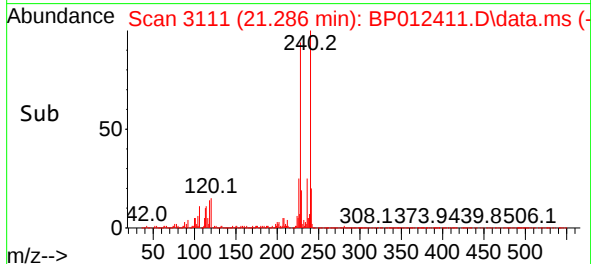
Instrument : BNA_P
ClientSampleId : BHA79



Tgt Ion:228 Resp: 666518
Ion Ratio Lower Upper
228 100
229 19.7 16.2 24.2
226 26.8 22.6 33.8

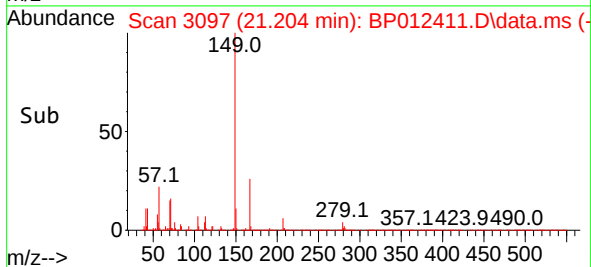
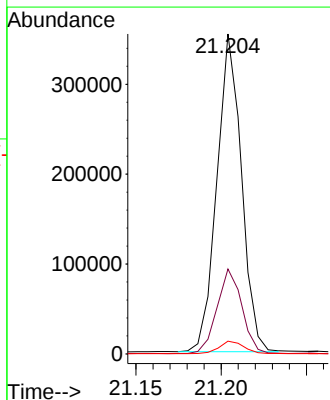
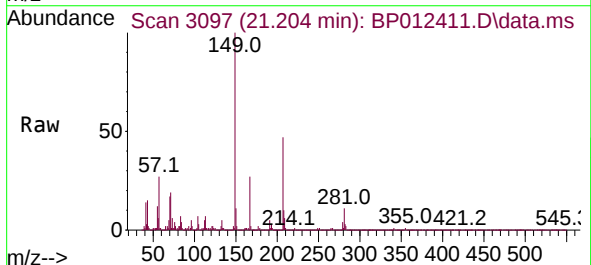
Manual Integrations
APPROVED

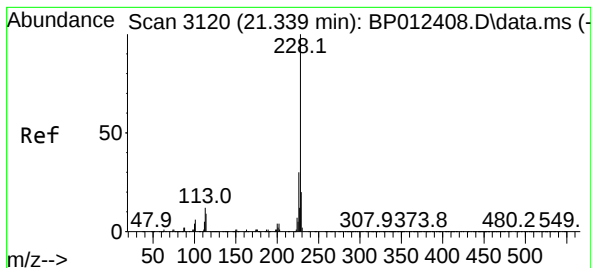
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.836 ng/ul
RT: 21.204 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BP012411.D
Acq: 01 Nov 2022 05:50

Tgt Ion:149 Resp: 353248
Ion Ratio Lower Upper
149 100
167 26.5 22.1 33.1
279 4.0 3.7 5.5





#87

Chrysene

Concen: 4.371 ng/ul

RT: 21.333 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP012411.D

Acq: 01 Nov 2022 05:50

Instrument :

BNA_P

ClientSampleId :

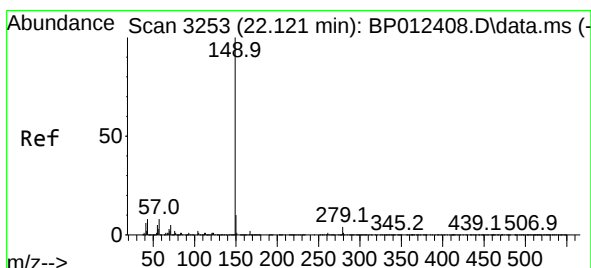
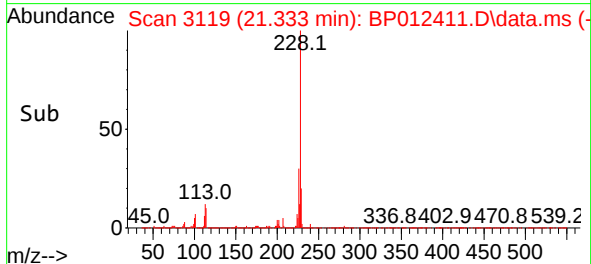
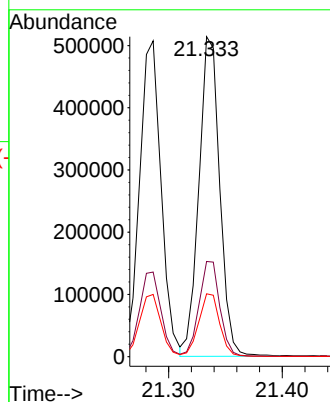
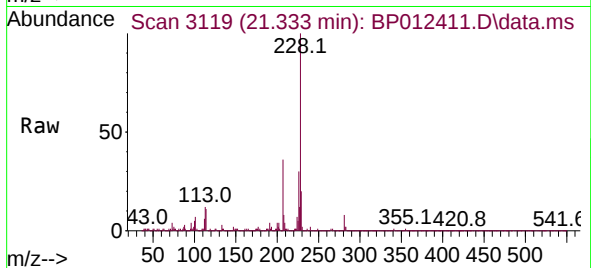
BHA79

Tgt Ion:228 Resp: 655999
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.9 37.3
 229 19.6 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022
 Supervised By :mohammad ahmed 11/02/2022



#89

Di-n-octyl phthalate

Concen: 3.750 ng/ul

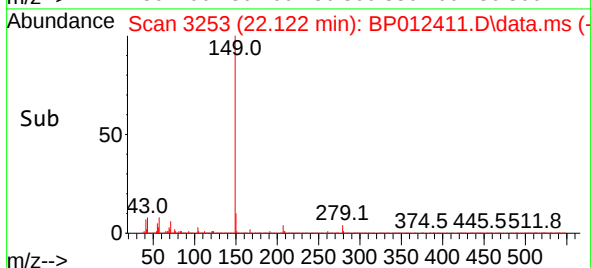
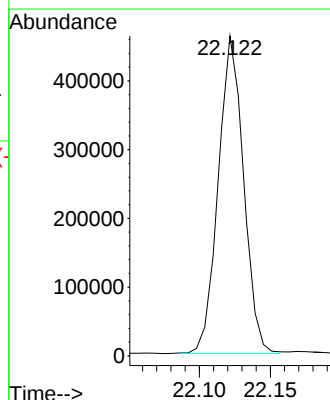
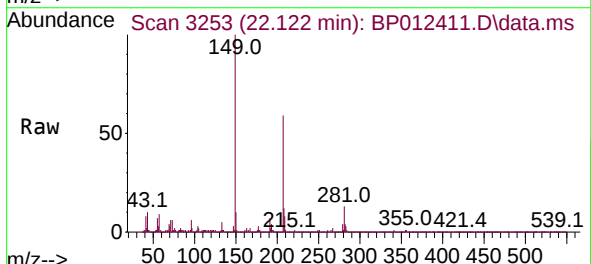
RT: 22.122 min Scan# 3253

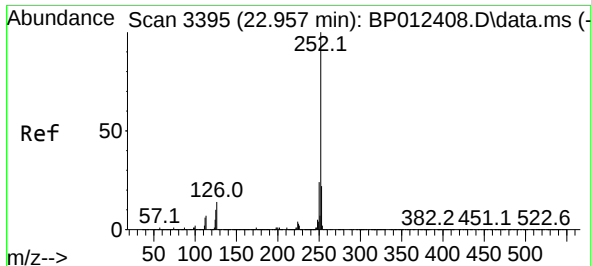
Delta R.T. -0.006 min

Lab File: BP012411.D

Acq: 01 Nov 2022 05:50

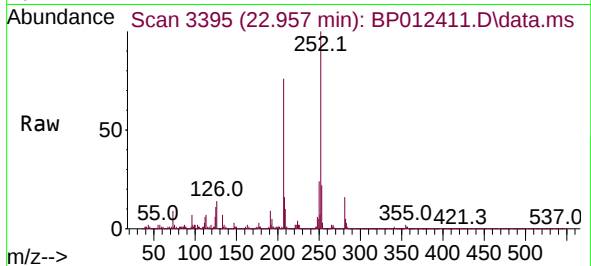
Tgt Ion:149 Resp: 572453





#90
Benzo(b)fluoranthene
Concen: 4.241 ng/ul
RT: 22.957 min Scan# 3395
Delta R.T. -0.012 min
Lab File: BP012411.D
Acq: 01 Nov 2022 05:50

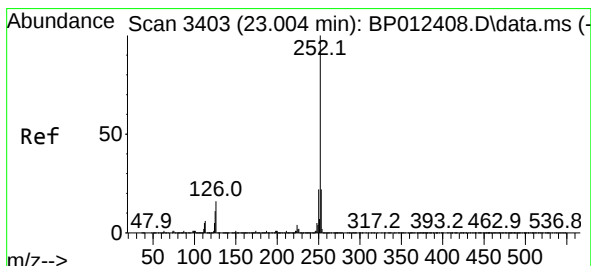
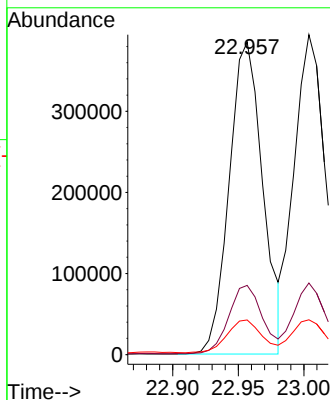
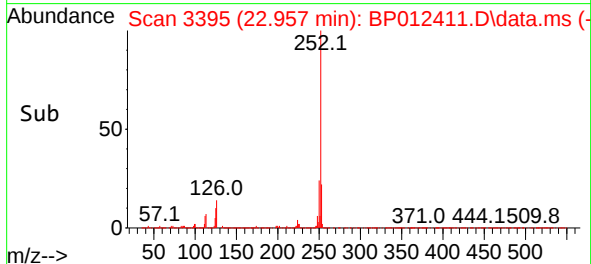
Instrument : BNA_P
ClientSampleId : BHA79



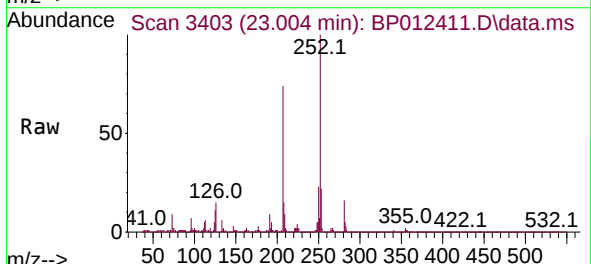
Tgt Ion:252 Resp: 687369
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.1 8.7 13.1

Manual Integrations
APPROVED

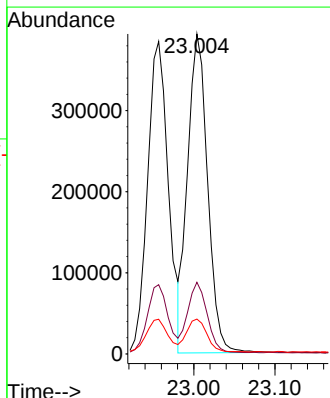
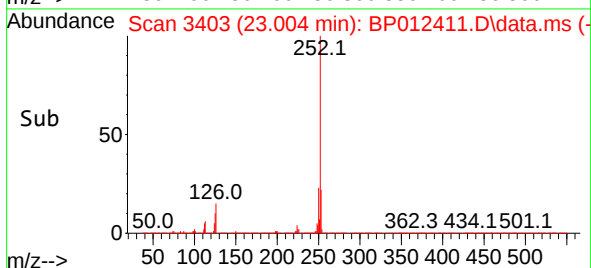
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

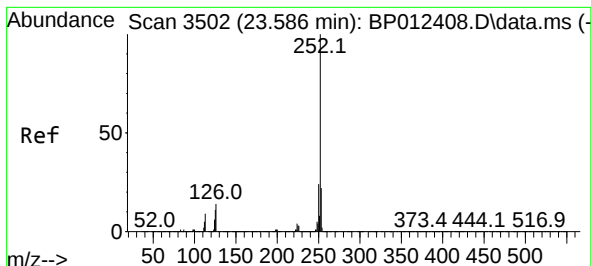


#91
Benzo(k)fluoranthene
Concen: 4.362 ng/ul
RT: 23.004 min Scan# 3403
Delta R.T. -0.012 min
Lab File: BP012411.D
Acq: 01 Nov 2022 05:50



Tgt Ion:252 Resp: 673687
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 10.9 8.7 13.1





#93

Benzo(a)pyrene

Concen: 4.071 ng/ul

RT: 23.580 min Scan# 3502

Delta R.T. -0.012 min

Lab File: BP012411.D

Acq: 01 Nov 2022 05:50

Instrument :

BNA_P

ClientSampleId :

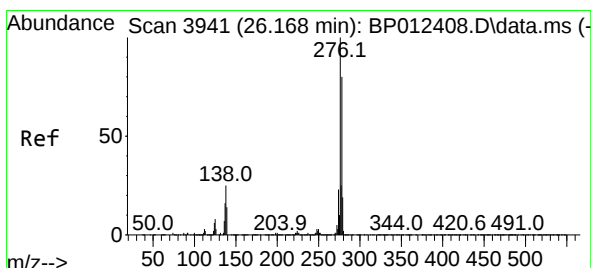
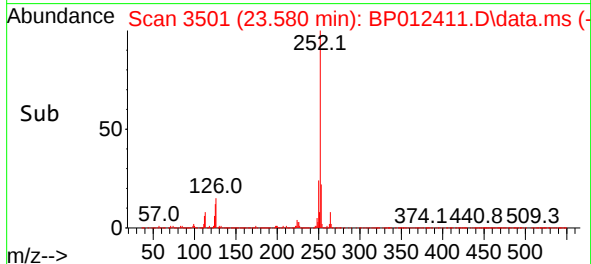
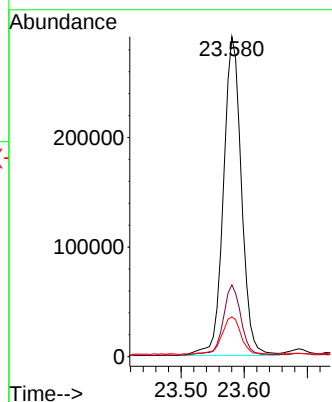
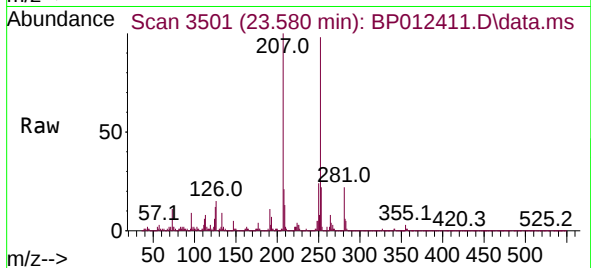
BHA79

Tgt Ion:	252	Resp:	576253
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	12.4	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.730 ng/ul

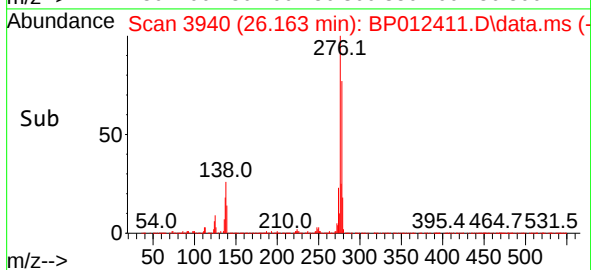
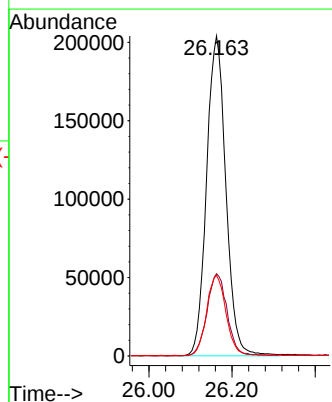
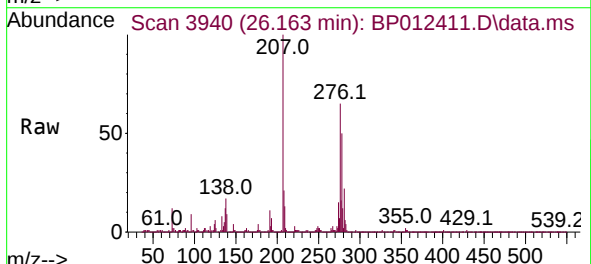
RT: 26.163 min Scan# 3940

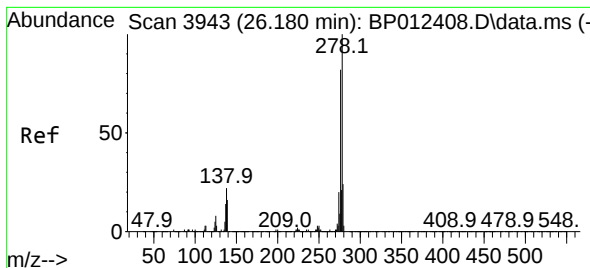
Delta R.T. -0.024 min

Lab File: BP012411.D

Acq: 01 Nov 2022 05:50

Tgt Ion:	276	Resp:	657825
Ion Ratio	Lower	Upper	
276	100		
138	25.7	20.7	31.1
277	25.2	20.2	30.4





#95

Dibenzo(a,h)anthracene

Concen: 3.749 ng/ul

RT: 26.174 min Scan# 3943

Delta R.T. -0.018 min

Lab File: BP012411.D

Acq: 01 Nov 2022 05:50

Instrument :

BNA_P

ClientSampleId :

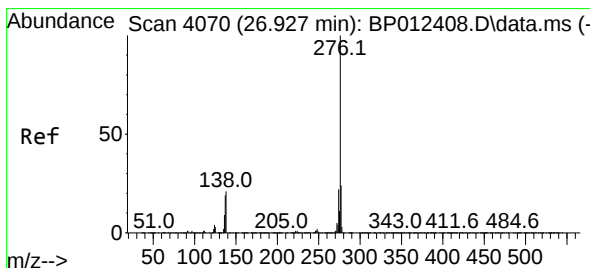
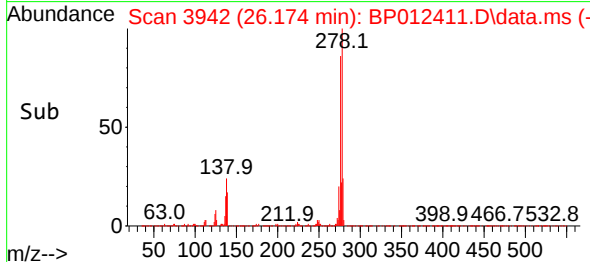
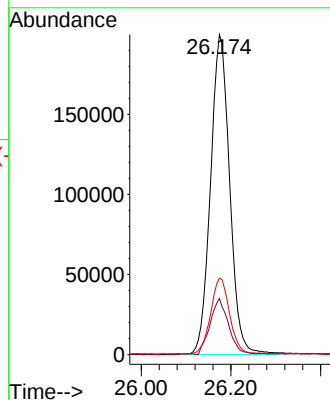
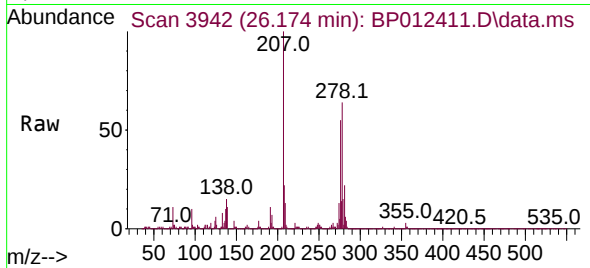
BHA79

Tgt Ion:	278	Resp:	592054
Ion Ratio	Lower	Upper	
278	100		
139	17.5	13.2	19.8
279	23.9	19.4	29.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#96

Benzo(g,h,i)perylene

Concen: 3.516 ng/ul

RT: 26.921 min Scan# 4069

Delta R.T. -0.024 min

Lab File: BP012411.D

Acq: 01 Nov 2022 05:50

Tgt Ion:	276	Resp:	548136
Ion Ratio	Lower	Upper	
276	100		
138	22.4	17.8	26.8
277	23.5	19.5	29.3

