

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
 Data File : BP018111.D
 Acq On : 12 Nov 2023 18:19
 Operator : MA/JU
 Sample : 05091-08DL 5X
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKI5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/14/2023
 Supervised By :mohammad ahmed 11/15/2023

Quant Time: Nov 12 22:47:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 21:55:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	86805	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	355548	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.516	164	204382	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.298	188	396131	20.000	ng/u1	-0.01
79) Chrysene-d12	21.427	240	372643	20.000	ng/u1	0.00
88) Perylene-d12	23.927	264	450939	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	1381	0.561	ng/uL	0.00
4) Pyridine-d5	3.693	84	6998m	1.091	ng/u1	0.03
7) Phenol-d5	7.034	99	19435	2.319	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.199	67	13121	2.664	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	17857	2.691	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	13815	2.012	ng/u1	0.02
21) Nitrobenzene-d5	9.063	128	8494	2.652	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	7821	2.155	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.328	165	15871m	2.454	ng/u1	0.03
31) 4-Chloroaniline-d4	10.881	131	10513m	1.185	ng/u1	0.03
46) Dimethylphthalate-d6	13.945	166	59811	3.172	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	64355	3.133	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.522	176	51439	3.304	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	4554	1.590	ng/u1	0.01
73) Anthracene-d10	17.404	188	73758	3.443	ng/u1	0.00
81) Pyrene-d10	19.651	212	95230	3.826	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.763	264	98478	3.756	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.716	128	47586	2.201	ng/u1	98
52) Acenaphthene	14.587	153	27444	1.785	ng/u1	96
61) Fluorene	15.581	166	38703	2.163	ng/u1	96
72) Phenanthrene	17.339	178	309296	12.717	ng/u1	99
74) Anthracene	17.439	178	86136	3.470	ng/u1	98
80) Fluoranthene	19.322	202	640684	22.040	ng/u1	98
82) Pyrene	19.680	202	541183	17.766	ng/u1	99
85) Benzo(a)anthracene	21.410	228	155191	5.158	ng/u1	99
87) Chrysene	21.469	228	199172m	7.075	ng/u1	
90) Benzo(b)fluoranthene	23.151	252	249521	7.775	ng/u1	97
91) Benzo(k)fluoranthene	23.204	252	67647	2.095	ng/u1#	96
93) Benzo(a)pyrene	23.816	252	92687	3.058	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.586	276	64724	1.781	ng/u1	96
96) Benzo(g,h,i)perylene	27.415	276	52268	1.798	ng/u1	97

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

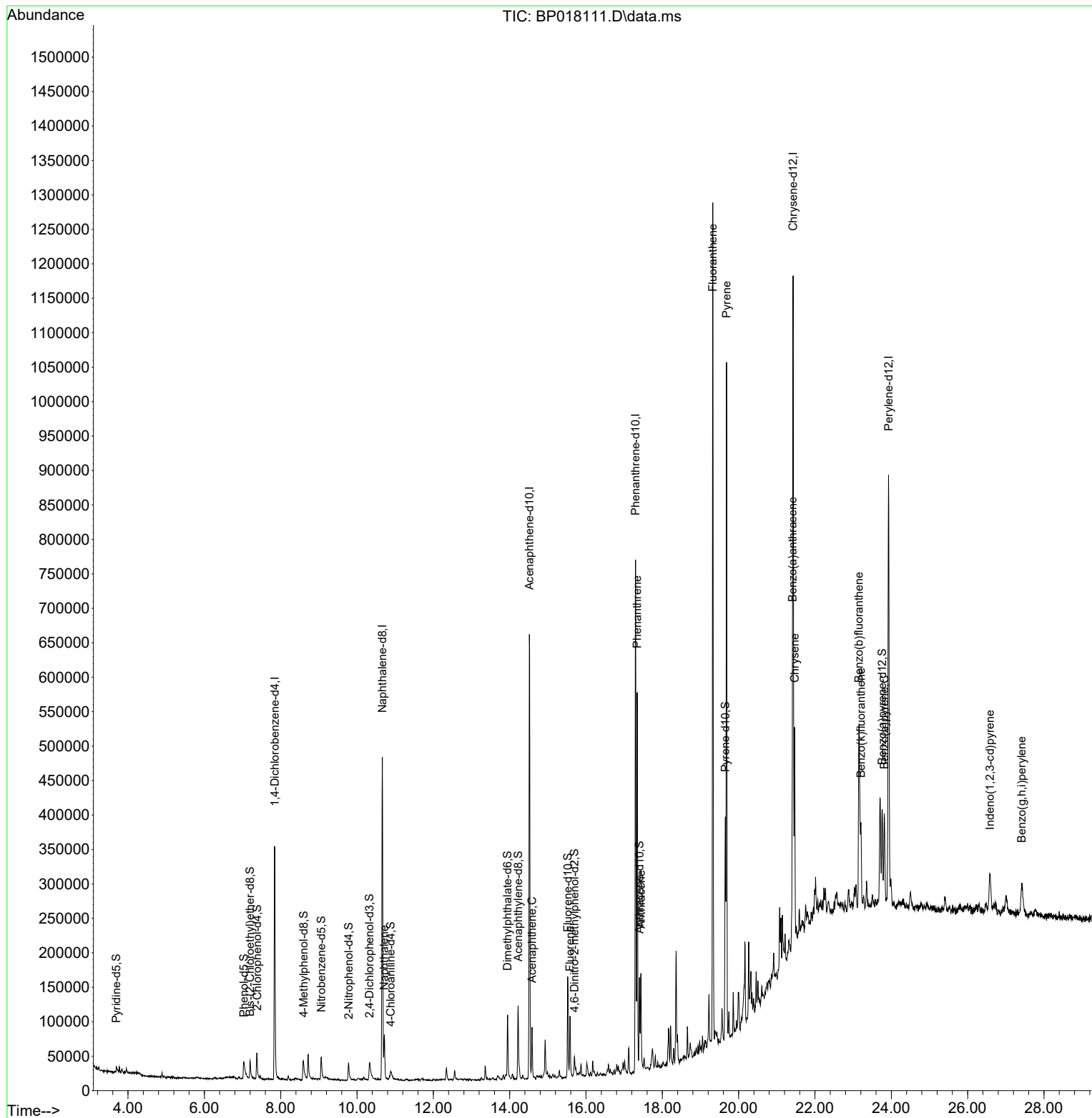
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
 Data File : BP018111.D
 Acq On : 12 Nov 2023 18:19
 Operator : MA/JU
 Sample : 05091-08DL 5X
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

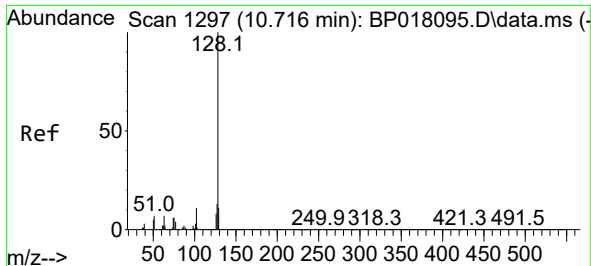
Instrument :
 BNA_P
 ClientSampleId :
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Quant Time: Nov 12 22:47:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 21:55:18 2023
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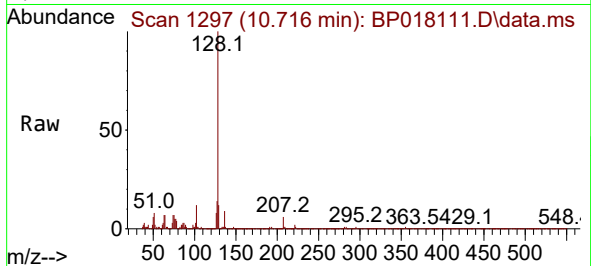
Reviewed By :Yogesh Patel 11/14/2023
 Supervised By :mohammad ahmed 11/15/2023





#30
Naphthalene
Concen: 2.201 ng/ul
RT: 10.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP018111.D
Acq: 12 Nov 2023 18:19

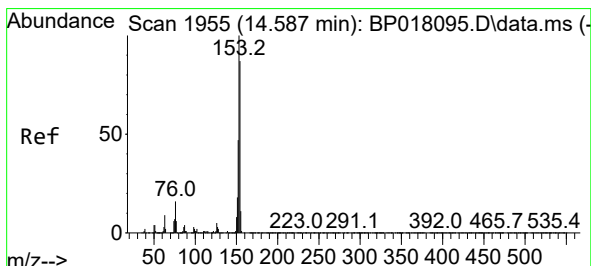
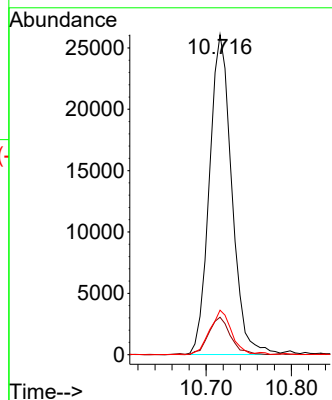
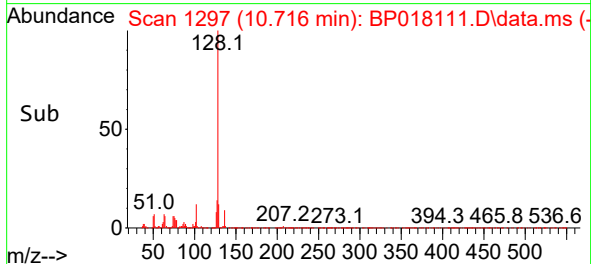
Instrument :
BNA_P
ClientSampleId :
DCKI5DL



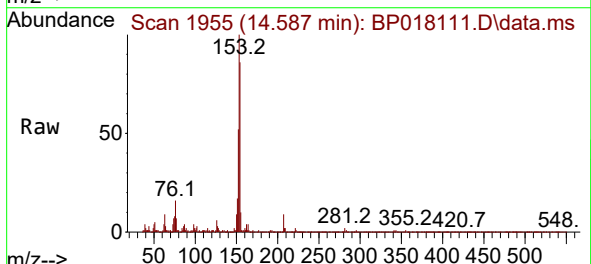
Tgt Ion:128 Resp: 47580
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 13.9 10.3 15.5

Manual Integrations
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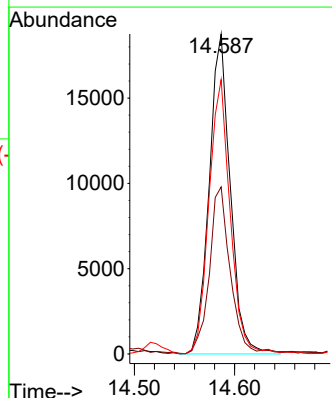
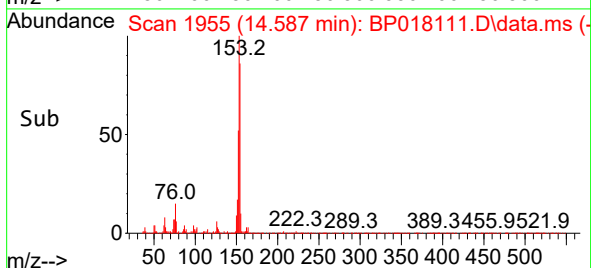
Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/15/2023

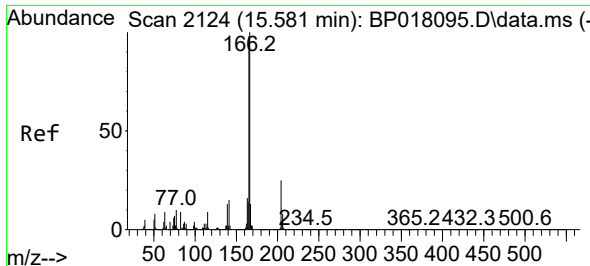


#52
Acenaphthene
Concen: 1.785 ng/ul
RT: 14.587 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP018111.D
Acq: 12 Nov 2023 18:19



Tgt Ion:153 Resp: 27444
Ion Ratio Lower Upper
153 100
152 52.2 39.0 58.6
154 85.8 71.0 106.4





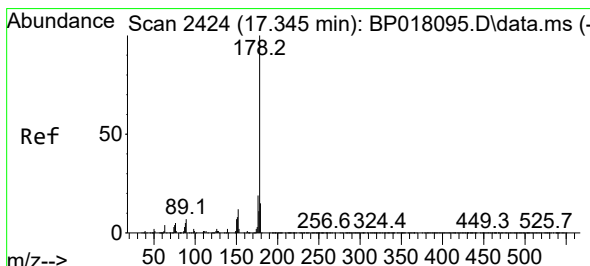
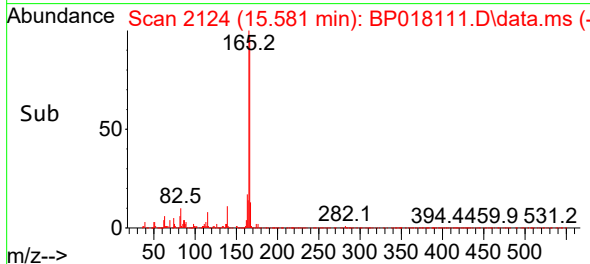
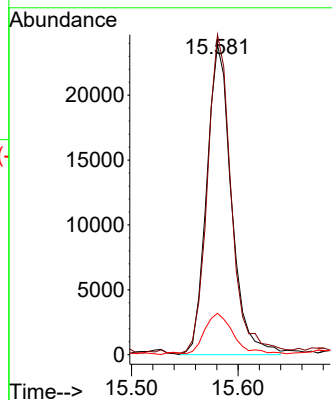
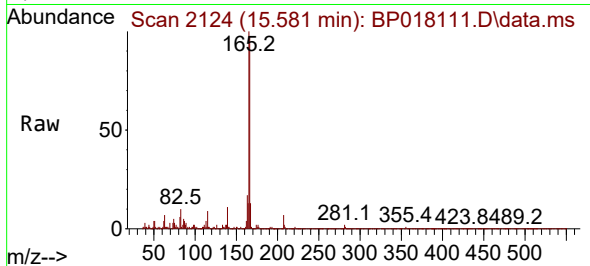
#61
Fluorene
Concen: 2.163 ng/ul
RT: 15.581 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BP018111.D
Acq: 12 Nov 2023 18:19

Instrument :
BNA_P
ClientSampleId :
DCKI5DL

Tgt Ion:166 Resp: 3870
Ion Ratio Lower Upper
166 100
165 103.2 79.0 118.6
167 13.4 10.6 16.0

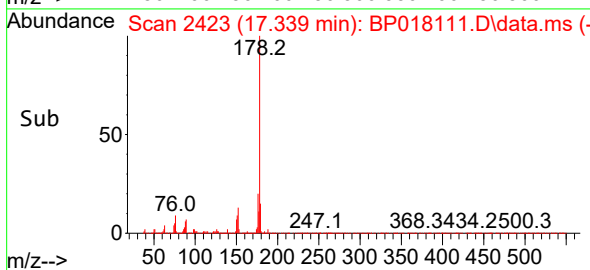
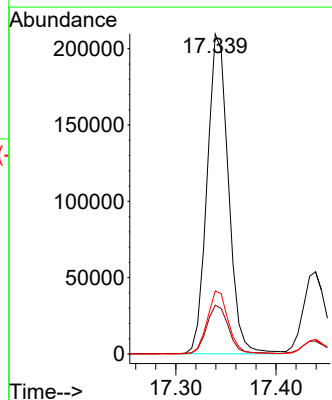
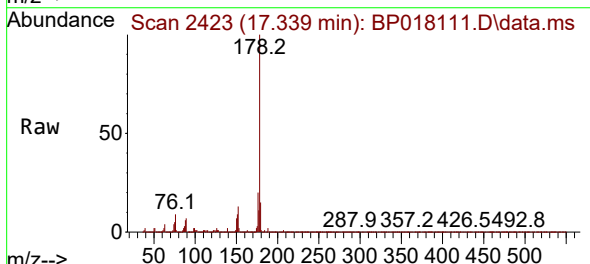
Manual Integrations
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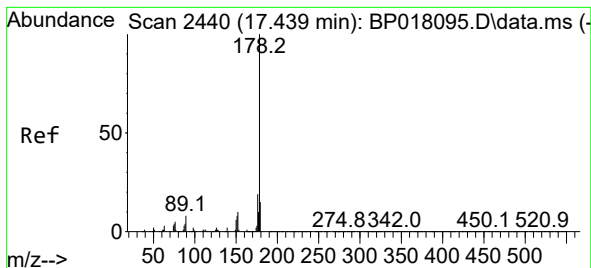
Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/15/2023



#72
Phenanthrene
Concen: 12.717 ng/ul
RT: 17.339 min Scan# 2423
Delta R.T. -0.011 min
Lab File: BP018111.D
Acq: 12 Nov 2023 18:19

Tgt Ion:178 Resp: 309296
Ion Ratio Lower Upper
178 100
179 15.2 12.0 18.0
176 19.7 15.5 23.3





#74

Anthracene

Concen: 3.470 ng/ul

RT: 17.439 min Scan# 2440

Delta R.T. -0.006 min

Lab File: BP018111.D

Acq: 12 Nov 2023 18:19

Instrument :

BNA_P

ClientSampleId :

DCKI5DL

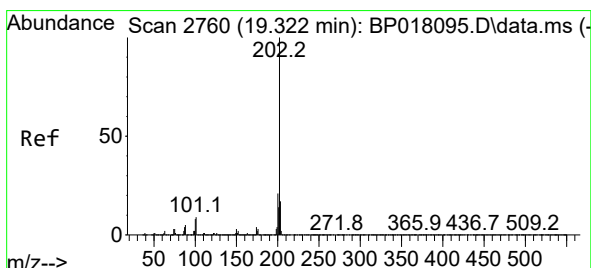
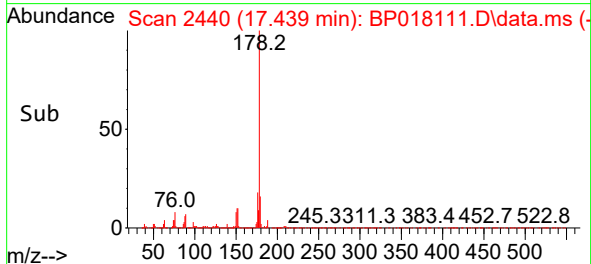
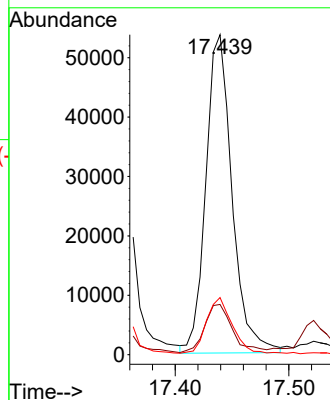
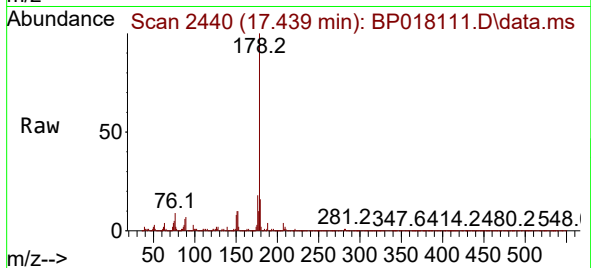
Tgt Ion:178	Resp:	86130
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.6 19.0
176	17.9	15.4 23.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/14/2023

Supervised By :mohammad ahmed 11/15/2023



#80

Fluoranthene

Concen: 22.040 ng/ul

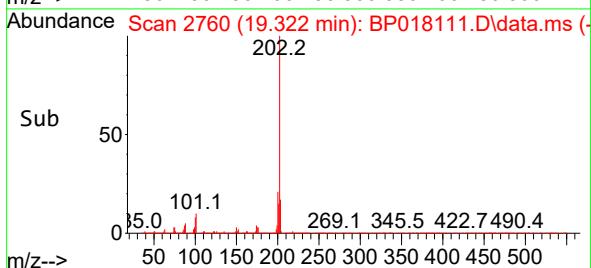
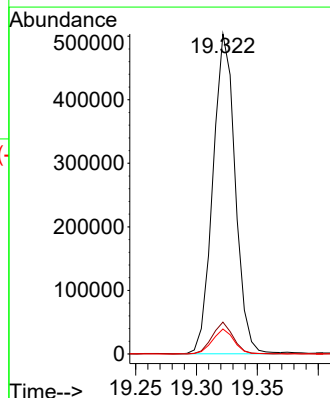
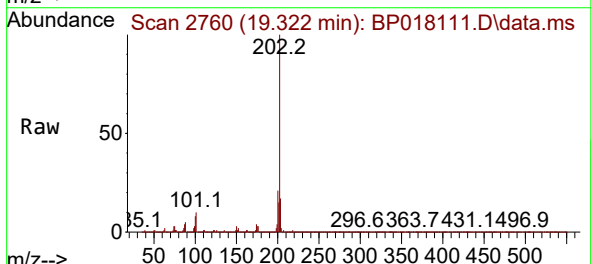
RT: 19.322 min Scan# 2760

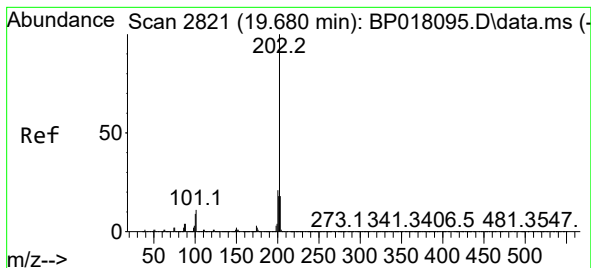
Delta R.T. -0.011 min

Lab File: BP018111.D

Acq: 12 Nov 2023 18:19

Tgt Ion:202	Resp:	640684
Ion Ratio	Lower	Upper
202	100	
101	9.9	7.2 10.8
100	7.8	5.8 8.6





#82

Pyrene

Concen: 17.766 ng/ul

RT: 19.680 min Scan# 2821

Delta R.T. -0.011 min

Lab File: BP018111.D

Acq: 12 Nov 2023 18:19

Instrument :

BNA_P

ClientSampleId :

DCKI5DL

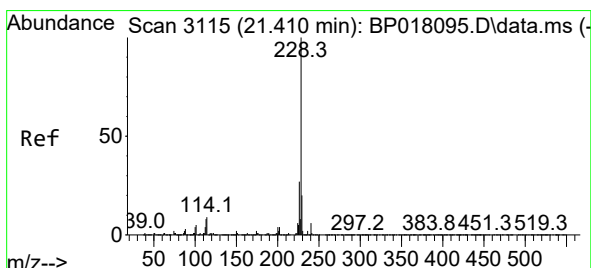
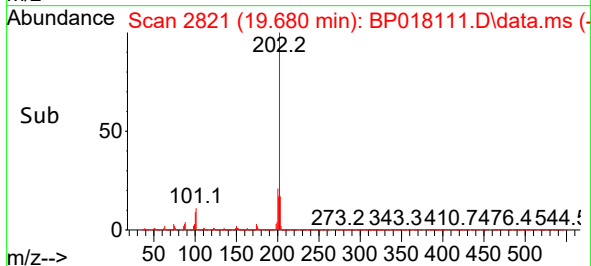
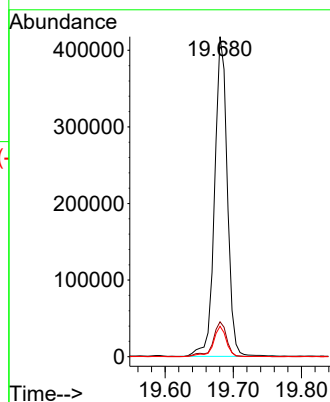
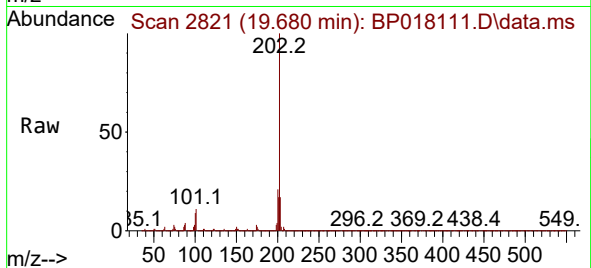
Tgt Ion:	202	Resp:	54118
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.3	12.5
100	9.5	7.4	11.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/14/2023

Supervised By :mohammad ahmed 11/15/2023



#85

Benzo(a)anthracene

Concen: 5.158 ng/ul

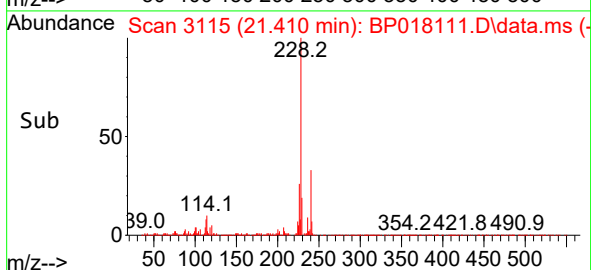
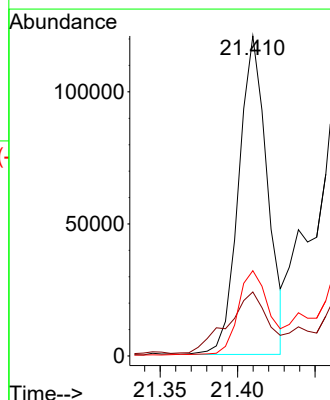
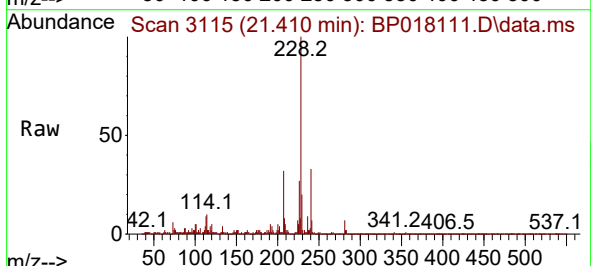
RT: 21.410 min Scan# 3115

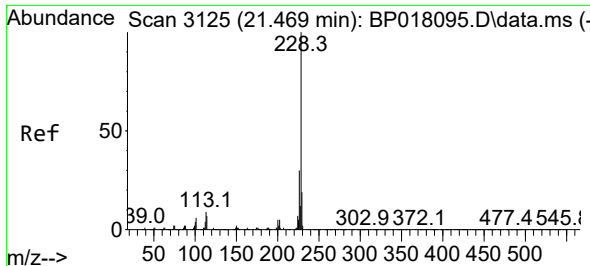
Delta R.T. -0.006 min

Lab File: BP018111.D

Acq: 12 Nov 2023 18:19

Tgt Ion:	228	Resp:	155191
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.4	23.0
226	26.6	21.4	32.0





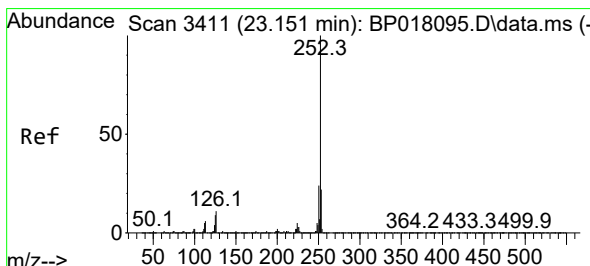
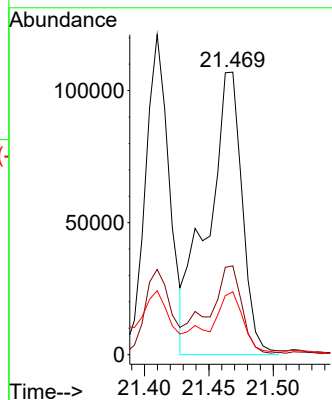
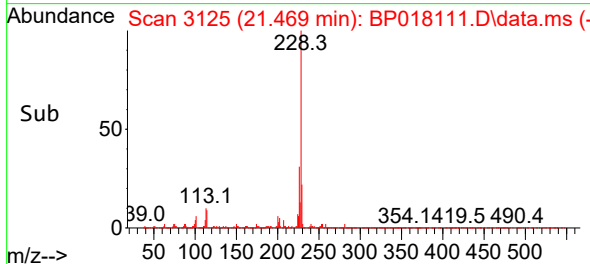
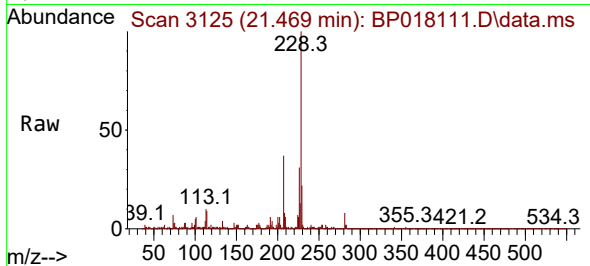
#87
Chrysene
Concen: 7.075 ng/ul m
RT: 21.469 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BP018111.D
Acq: 12 Nov 2023 18:19

Instrument :
BNA_P
ClientSampleId :
DCKI5DL

Tgt Ion:228 Resp: 199172
Ion Ratio Lower Upper
228 100
226 31.4 23.1 34.7
229 22.3 15.4 23.0

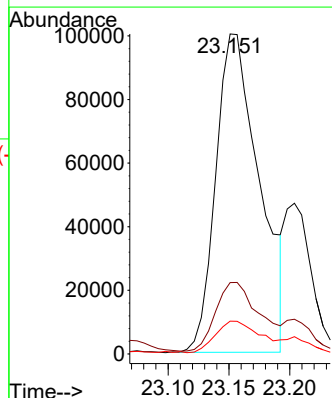
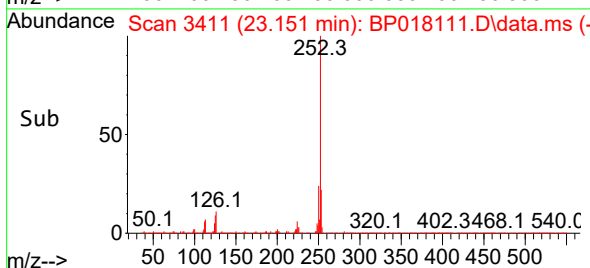
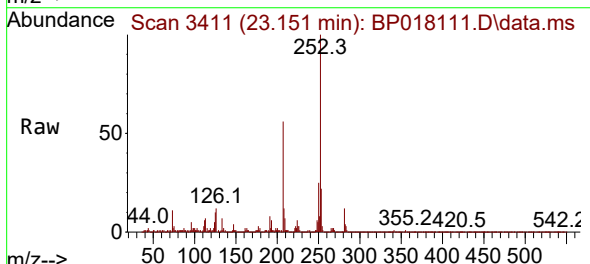
Manual Integrations
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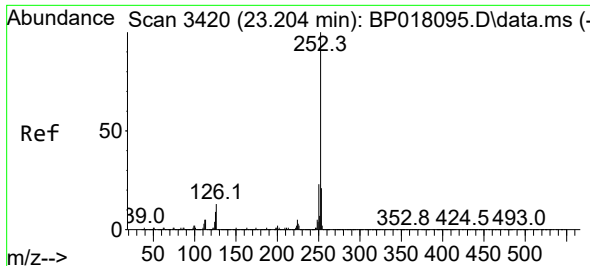
Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/15/2023



#90
Benzo(b)fluoranthene
Concen: 7.775 ng/ul
RT: 23.151 min Scan# 3411
Delta R.T. -0.011 min
Lab File: BP018111.D
Acq: 12 Nov 2023 18:19

Tgt Ion:252 Resp: 249521
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 10.2 7.0 10.6





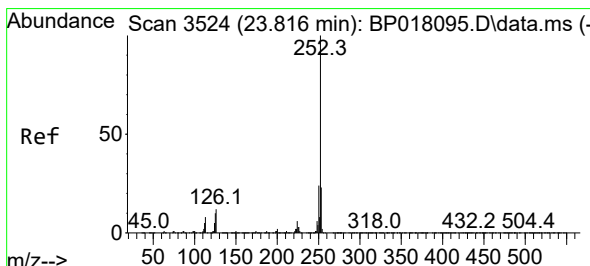
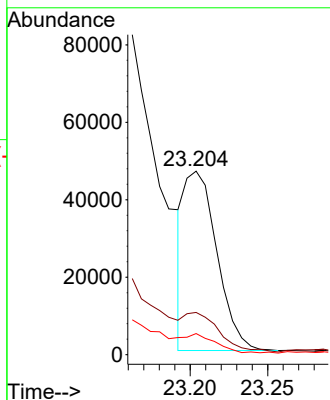
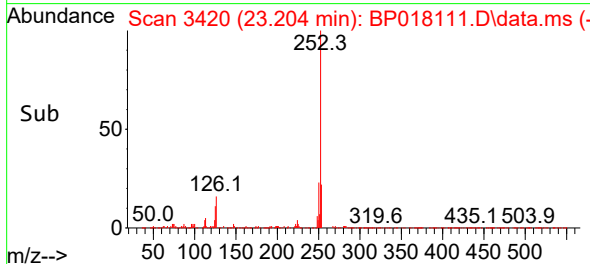
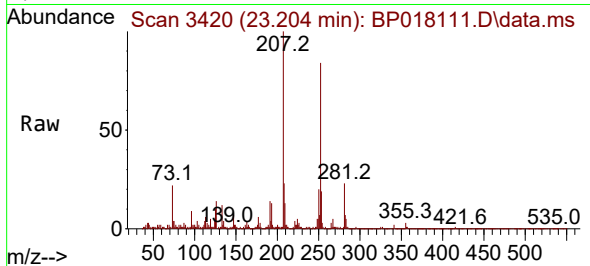
#91
Benzo(k)fluoranthene
Concen: 2.095 ng/ul
RT: 23.204 min Scan# 3420
Delta R.T. -0.006 min
Lab File: BP018111.D
Acq: 12 Nov 2023 18:19

Instrument :
BNA_P
ClientSampleId :
DCKI5DL

Tgt Ion:252 Resp: 6764
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 11.5 6.8 10.2

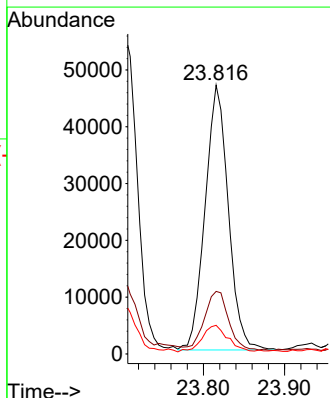
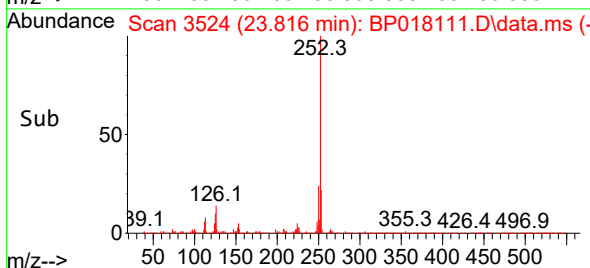
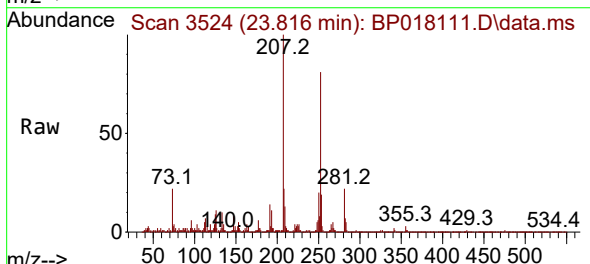
Manual Integrations
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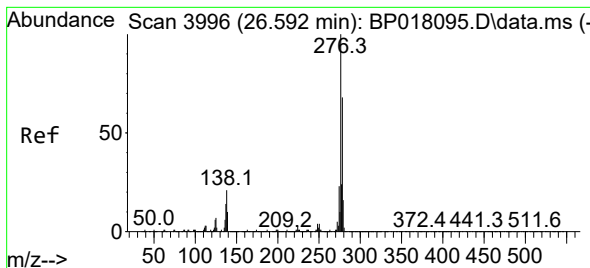
Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/15/2023



#93
Benzo(a)pyrene
Concen: 3.058 ng/ul
RT: 23.816 min Scan# 3524
Delta R.T. -0.011 min
Lab File: BP018111.D
Acq: 12 Nov 2023 18:19

Tgt Ion:252 Resp: 92687
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 10.6 7.3 10.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.781 ng/ul

RT: 26.586 min Scan# 3995

Delta R.T. -0.011 min

Lab File: BP018111.D

Acq: 12 Nov 2023 18:19

Instrument :

BNA_P

ClientSampleId :

DCKI5DL

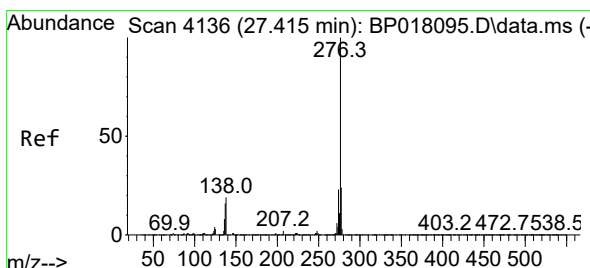
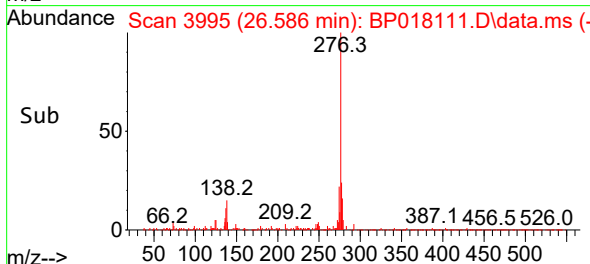
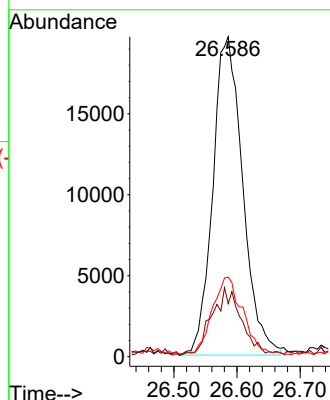
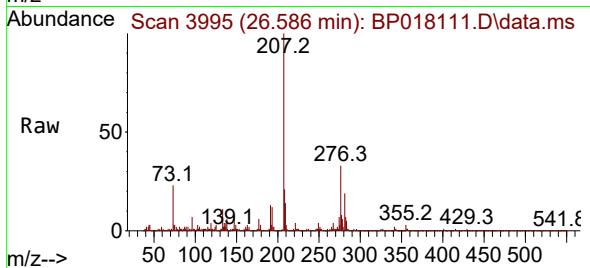
Tgt Ion:	276	Resp:	64724
Ion Ratio	Lower	Upper	
276	100		
138	16.6	15.6	23.4
277	24.8	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2023

Supervised By :mohammad ahmed 11/15/2023



#96

Benzo(g,h,i)perylene

Concen: 1.798 ng/ul

RT: 27.415 min Scan# 4136

Delta R.T. -0.017 min

Lab File: BP018111.D

Acq: 12 Nov 2023 18:19

Tgt Ion:	276	Resp:	52268
Ion Ratio	Lower	Upper	
276	100		
138	19.4	13.8	20.6
277	24.4	20.2	30.2

