

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018022.D
 Acq On : 10 Nov 2023 10:49
 Operator : MA/JU
 Sample : 05091-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKI9

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 22:46:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 22:34:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	78387	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	316603	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	195282	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.316	188	427242	20.000	ng/u1	0.00
79) Chrysene-d12	21.445	240	378975	20.000	ng/u1	0.00
88) Perylene-d12	23.957	264	408646	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	4243	1.853	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.034	99	86240	11.707	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	52134	11.683	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	70498	11.961	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	51212	8.668	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	34396	12.132	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	38414	12.174	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	67879	12.008	ng/u1	0.00
31) 4-Chloroaniline-d4	10.869	131	53661	6.927	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	237224	13.215	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	248481	12.911	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	22602m	8.596	ng/u1	0.02
60) Fluorene-d10	15.539	176	199815	13.429	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	21258	7.126	ng/u1	0.00
73) Anthracene-d10	17.416	188	311262	13.597	ng/u1	0.00
81) Pyrene-d10	19.669	212	388820	15.941	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	342684	14.427	ng/u1	-0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.269	152	23964	1.087	ng/u1	99
72) Phenanthrene	17.363	178	79221	2.979	ng/u1	96
74) Anthracene	17.457	178	125356	4.662	ng/u1	99
80) Fluoranthene	19.339	202	428672	15.185	ng/u1	99
82) Pyrene	19.698	202	384396	12.883	ng/u1	98
85) Benzo(a)anthracene	21.427	228	175830	5.771	ng/u1	98
87) Chrysene	21.480	228	238186m	8.300	ng/u1	
90) Benzo(b)fluoranthene	23.174	252	295447	10.060	ng/u1	97
91) Benzo(k)fluoranthene	23.221	252	96798	3.302	ng/u1	96
93) Benzo(a)pyrene	23.845	252	106690	3.854	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.621	276	98364	2.998	ng/u1	97
96) Benzo(g,h,i)perylene	27.462	276	87968	3.360	ng/u1	96

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

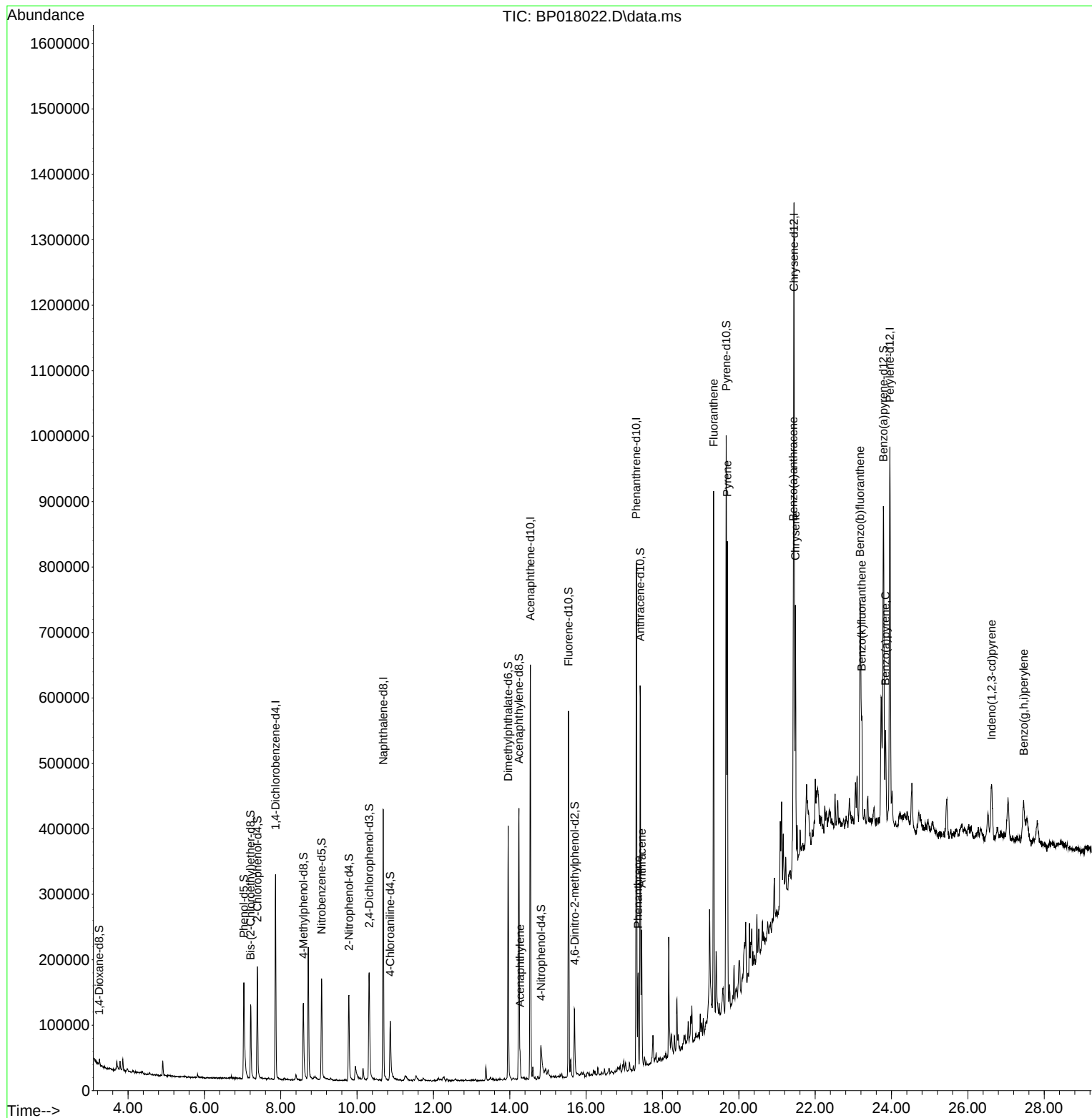
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018022.D
Acq On : 10 Nov 2023 10:49
Operator : MA/JU
Sample : 05091-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

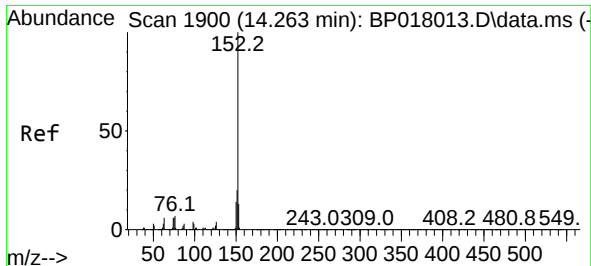
Instrument :
BNA_P
ClientSampleId :
DCKI9

Quant Time: Nov 10 22:46:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 22:34:38 2023
Response via : Initial Calibration

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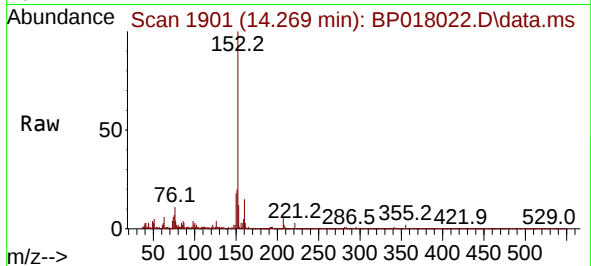
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023





#50
Acenaphthylene
Concen: 1.087 ng/ul
RT: 14.269 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BP018022.D
Acq: 10 Nov 2023 10:49

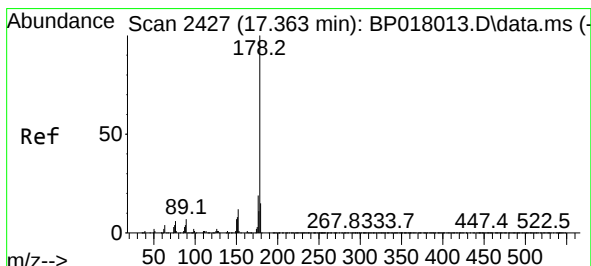
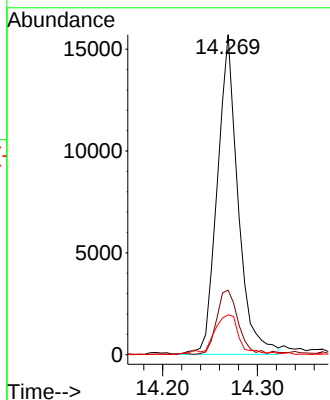
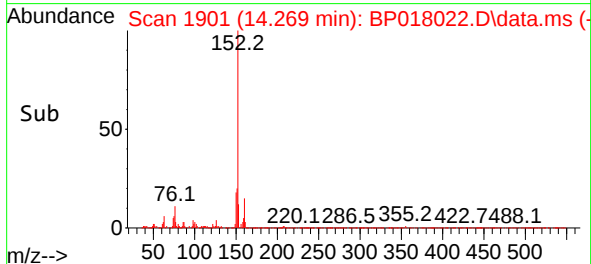
Instrument :
BNA_P
ClientSampleId :
DCKI9



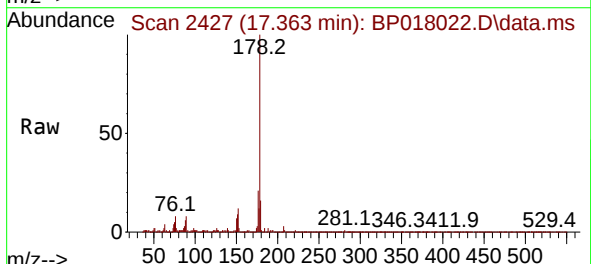
Tgt Ion:152 Resp: 23964
Ion Ratio Lower Upper
152 100
151 20.2 15.5 23.3
153 12.5 10.3 15.5

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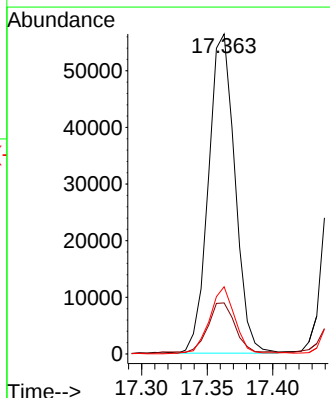
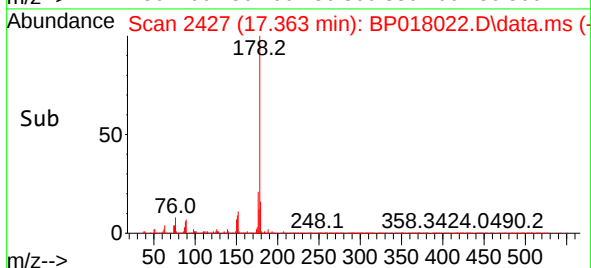
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023

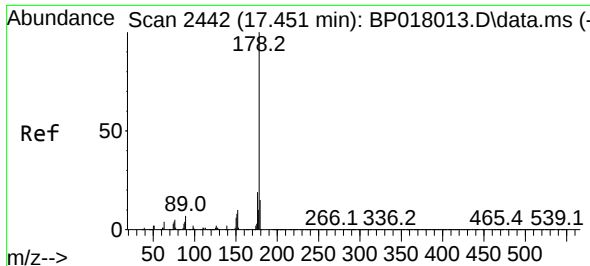


#72
Phenanthrene
Concen: 2.979 ng/ul
RT: 17.363 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP018022.D
Acq: 10 Nov 2023 10:49



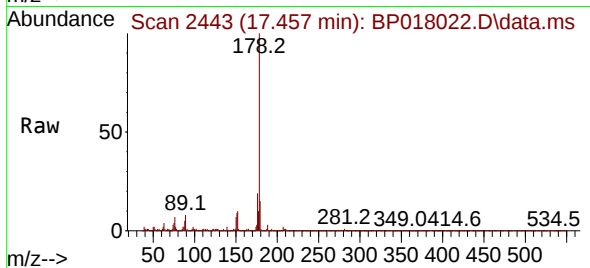
Tgt Ion:178 Resp: 79221
Ion Ratio Lower Upper
178 100
179 15.9 11.6 17.4
176 21.0 15.1 22.7





#74
 Anthracene
 Concen: 4.662 ng/ul
 RT: 17.457 min Scan# 2443
 Delta R.T. 0.000 min
 Lab File: BP018022.D
 Acq: 10 Nov 2023 10:49

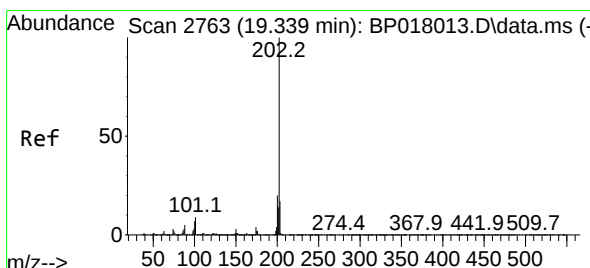
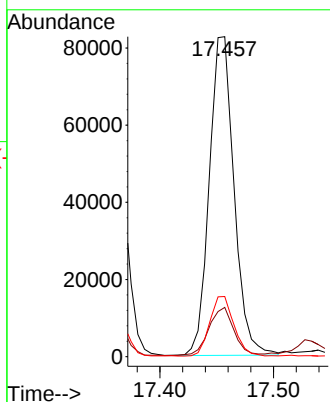
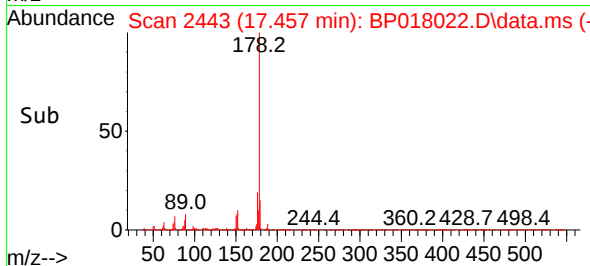
Instrument :
 BNA_P
 ClientSampleId :
 DCKI9



Tgt Ion:178 Resp: 125350
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.9 19.3
 176 18.8 15.1 22.7

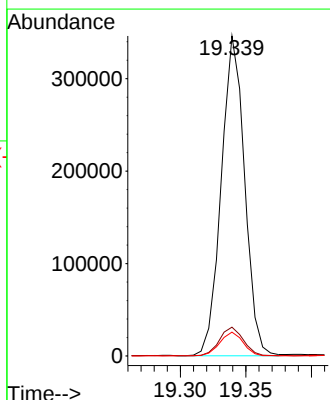
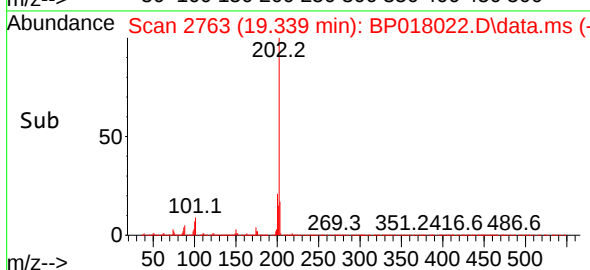
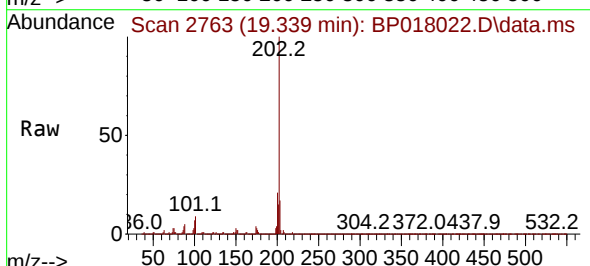
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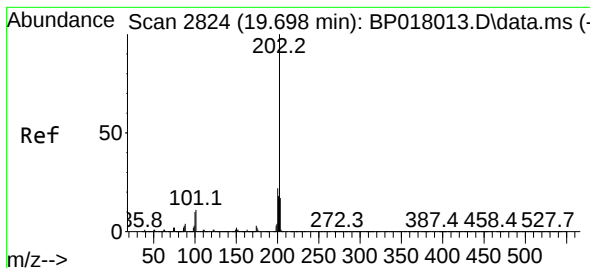
Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/15/2023



#80
 Fluoranthene
 Concen: 15.185 ng/ul
 RT: 19.339 min Scan# 2763
 Delta R.T. -0.006 min
 Lab File: BP018022.D
 Acq: 10 Nov 2023 10:49

Tgt Ion:202 Resp: 428672
 Ion Ratio Lower Upper
 202 100
 101 9.0 7.4 11.0
 100 7.4 5.8 8.6





#82

Pyrene

Concen: 12.883 ng/ul

RT: 19.698 min Scan# 2824

Delta R.T. -0.006 min

Lab File: BP018022.D

Acq: 10 Nov 2023 10:49

Instrument :

BNA_P

ClientSampleId :

DCKI9

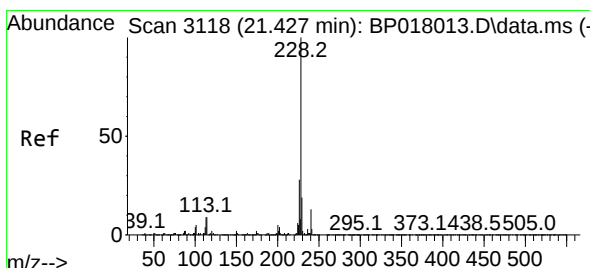
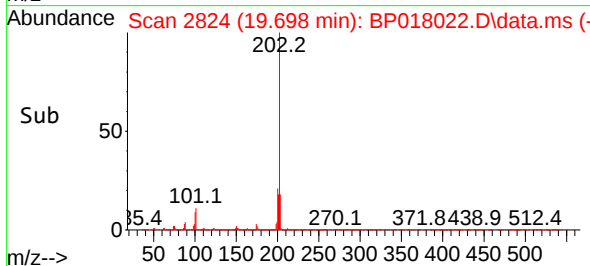
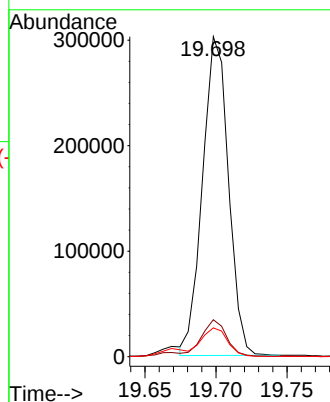
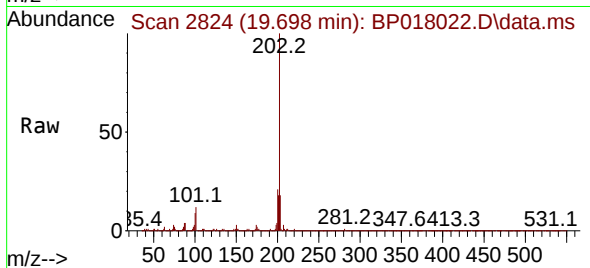
Tgt Ion:	202	Resp:	384390
Ion Ratio	Lower	Upper	
202	100		
101	11.6	9.0	13.4
100	9.0	7.8	11.8

Manual Integrations

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Reviewed By :Yogesh Patel 11/11/2023

Supervised By :mohammad ahmed 11/15/2023



#85

Benzo(a)anthracene

Concen: 5.771 ng/ul

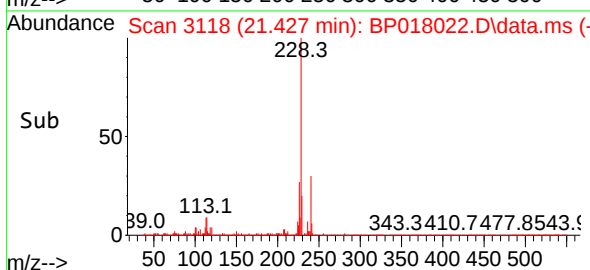
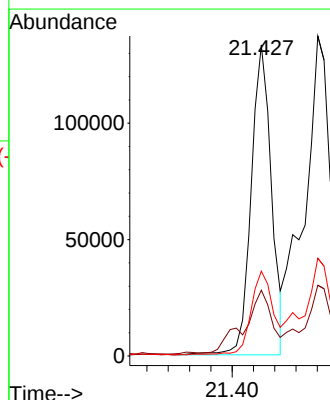
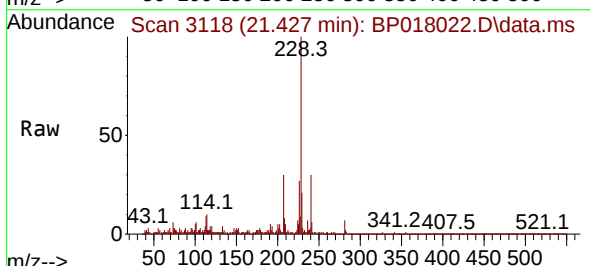
RT: 21.427 min Scan# 3118

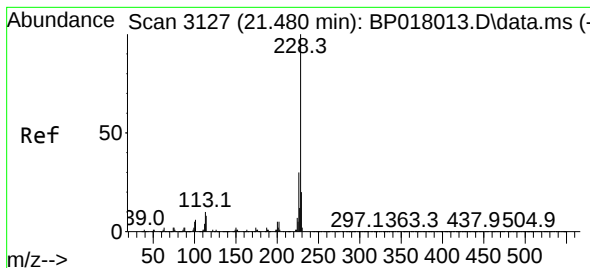
Delta R.T. -0.006 min

Lab File: BP018022.D

Acq: 10 Nov 2023 10:49

Tgt Ion:	228	Resp:	175830
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.6	23.4
226	27.3	22.3	33.5





#87

Chrysene

Concen: 8.300 ng/ul m

RT: 21.480 min Scan# 3127

Delta R.T. -0.012 min

Lab File: BP018022.D

Acq: 10 Nov 2023 10:49

Instrument :

BNA_P

ClientSampleId :

DCKI9

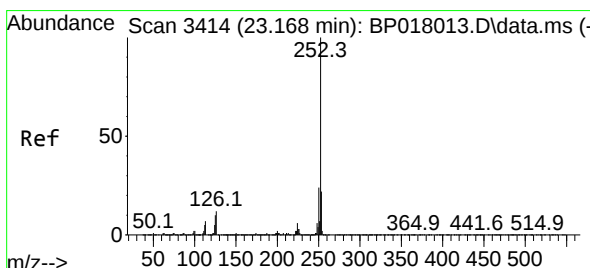
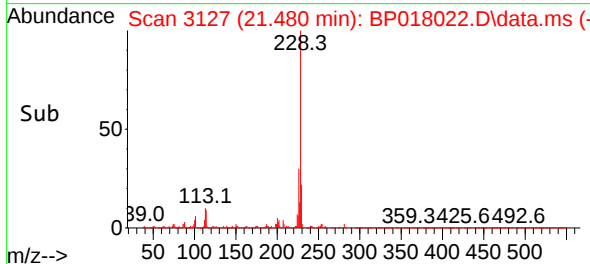
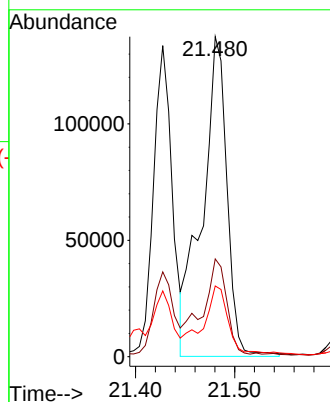
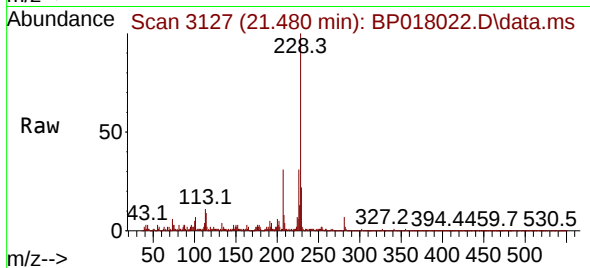
Tgt Ion:228	Resp: 238180
Ion Ratio	Lower Upper
228 100	
226 30.6	24.4 36.6
229 22.1	15.4 23.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/11/2023

Supervised By :mohammad ahmed 11/15/2023



#90

Benzo(b)fluoranthene

Concen: 10.060 ng/ul

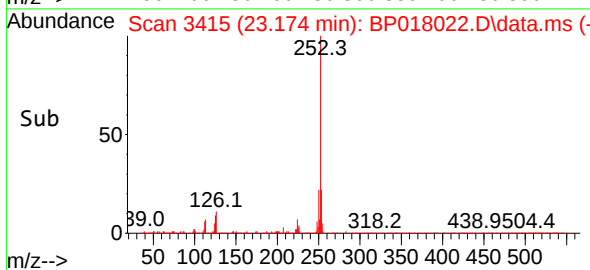
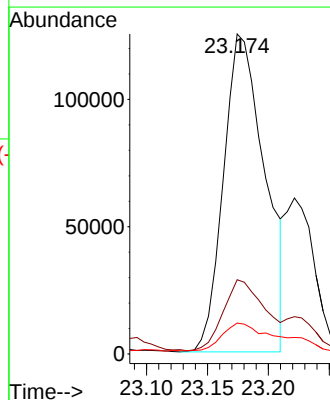
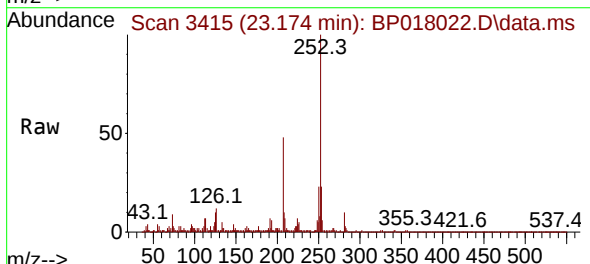
RT: 23.174 min Scan# 3415

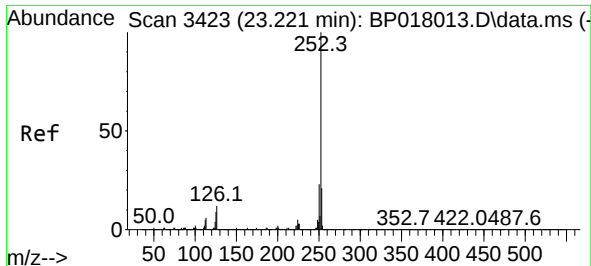
Delta R.T. -0.006 min

Lab File: BP018022.D

Acq: 10 Nov 2023 10:49

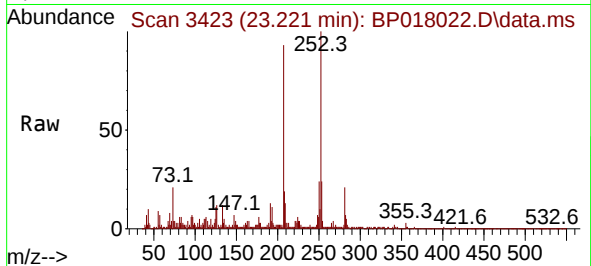
Tgt Ion:252	Resp: 295447
Ion Ratio	Lower Upper
252 100	
253 23.2	17.0 25.4
125 9.7	7.4 11.2





#91
Benzo(k)fluoranthene
Concen: 3.302 ng/u1
RT: 23.221 min Scan# 3423
Delta R.T. -0.012 min
Lab File: BP018022.D
Acq: 10 Nov 2023 10:49

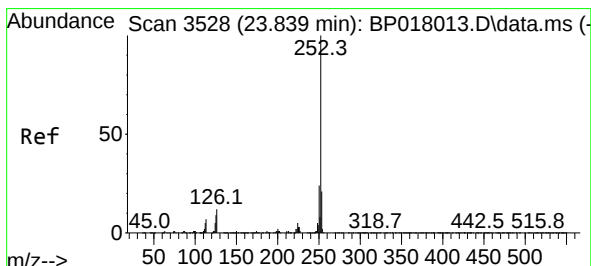
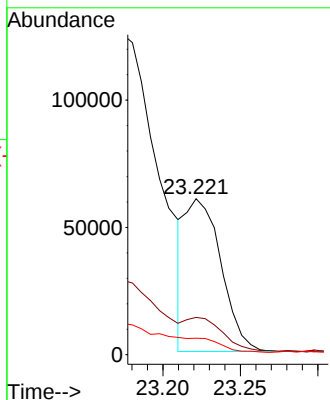
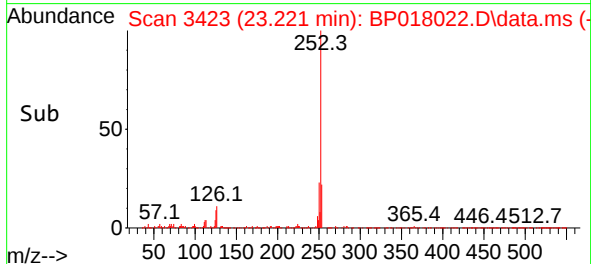
Instrument :
BNA_P
ClientSampleId :
DCKI9



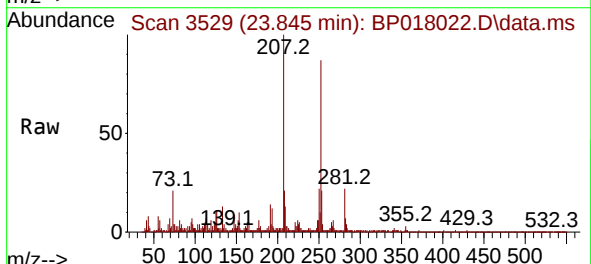
Tgt Ion:252 Resp: 96798
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.6
125 10.6 7.4 11.2

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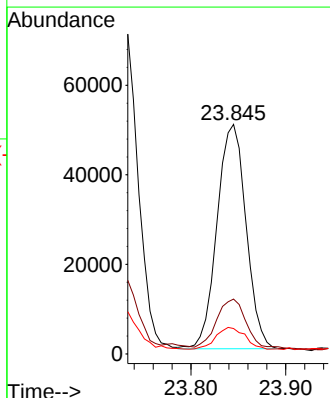
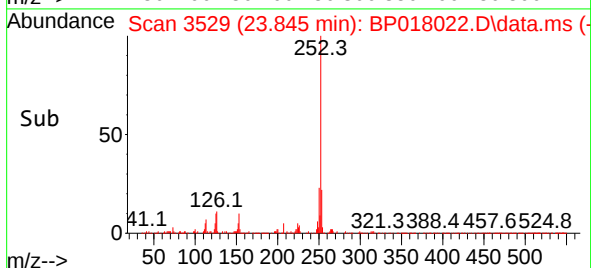
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023

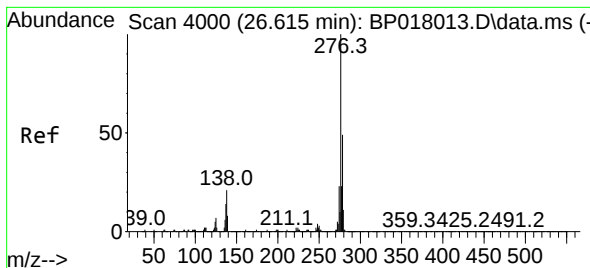


#93
Benzo(a)pyrene
Concen: 3.854 ng/u1
RT: 23.845 min Scan# 3529
Delta R.T. -0.006 min
Lab File: BP018022.D
Acq: 10 Nov 2023 10:49



Tgt Ion:252 Resp: 106690
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.0
125 11.1 7.8 11.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.998 ng/ul

RT: 26.621 min Scan# 4000

Delta R.T. -0.012 min

Lab File: BP018022.D

Acq: 10 Nov 2023 10:49

Instrument :

BNA_P

ClientSampleId :

DCKI9

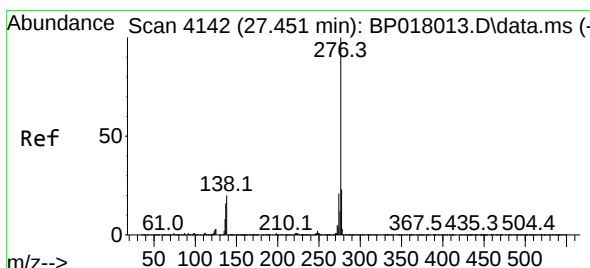
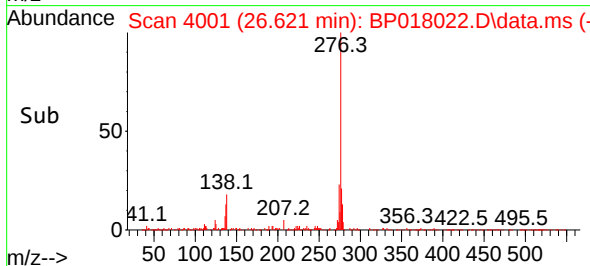
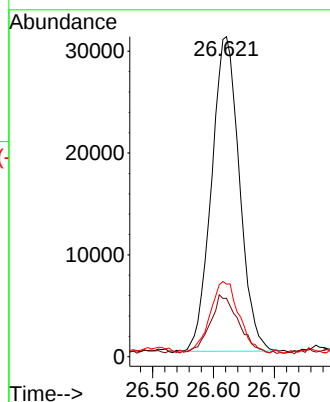
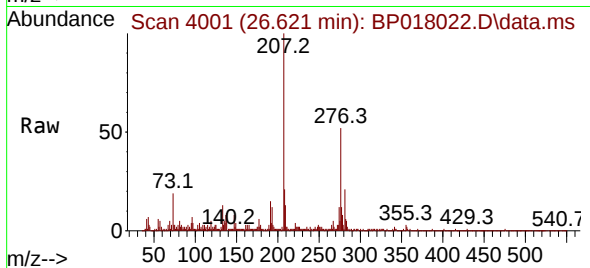
Tgt Ion:	276	Resp:	9836
Ion Ratio	Lower	Upper	
276	100		
138	18.2	16.2	24.4
277	22.7	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/11/2023

Supervised By :mohammad ahmed 11/15/2023



#96

Benzo(g,h,i)perylene

Concen: 3.360 ng/ul

RT: 27.462 min Scan# 4144

Delta R.T. -0.006 min

Lab File: BP018022.D

Acq: 10 Nov 2023 10:49

Tgt Ion:	276	Resp:	87968
Ion Ratio	Lower	Upper	
276	100		
138	21.4	15.0	22.6
277	22.8	19.0	28.6

