

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
 Data File : BP022290.D
 Acq On : 09 Oct 2024 14:59
 Operator : RC/JU
 Sample : P4162-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4ER8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 09 15:38:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 02:14:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	182797	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	667027	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	469421	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	1102436	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	1185922	20.000	ng/u1	0.01
88) Perylene-d12	24.851	264	1445728	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	6909	1.469	ng/uL	0.00
4) Pyridine-d5	3.652	84	10863	0.841	ng/u1	0.02
7) Phenol-d5	6.887	99	136500	8.871	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	84999	9.399	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	107354	9.832	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	96755	7.879	ng/u1	0.00
21) Nitrobenzene-d5	8.845	128	52346	10.206	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	61413	10.343	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.092	165	123007	9.747	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	59657	4.001	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	374591	10.044	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	418278	10.559	ng/u1	0.00
54) 4-Nitrophenol-d4	14.533	143	46640	7.454	ng/u1	0.00
60) Fluorene-d10	15.322	176	339972	10.509	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	46169	6.368	ng/u1	0.00
73) Anthracene-d10	17.210	188	525067	10.124	ng/u1	0.00
81) Pyrene-d10	19.592	212	544234	8.678	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.621	264	425418	5.510	ng/u1	0.02
Target Compounds					Qvalue	
16) Acetophenone	8.516	105	39353	1.941	ng/u1	92
72) Phenanthrene	17.157	178	306722	5.200	ng/u1	99
74) Anthracene	17.245	178	59355	1.008	ng/u1	98
80) Fluoranthene	19.245	202	732301	10.157	ng/u1	100
82) Pyrene	19.621	202	444948	5.758	ng/u1	100
85) Benzo(a)anthracene	21.533	228	351947	4.233	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.468	149	220188	5.702	ng/u1	99
87) Chrysene	21.598	228	378308	4.907	ng/u1	97
90) Benzo(b)fluoranthene	23.804	252	526740	5.788	ng/u1	97
91) Benzo(k)fluoranthene	23.868	252	219380m	2.462	ng/u1	
93) Benzo(a)pyrene	24.686	252	155140	1.852	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.562	276	175436m	1.570	ng/u1	

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

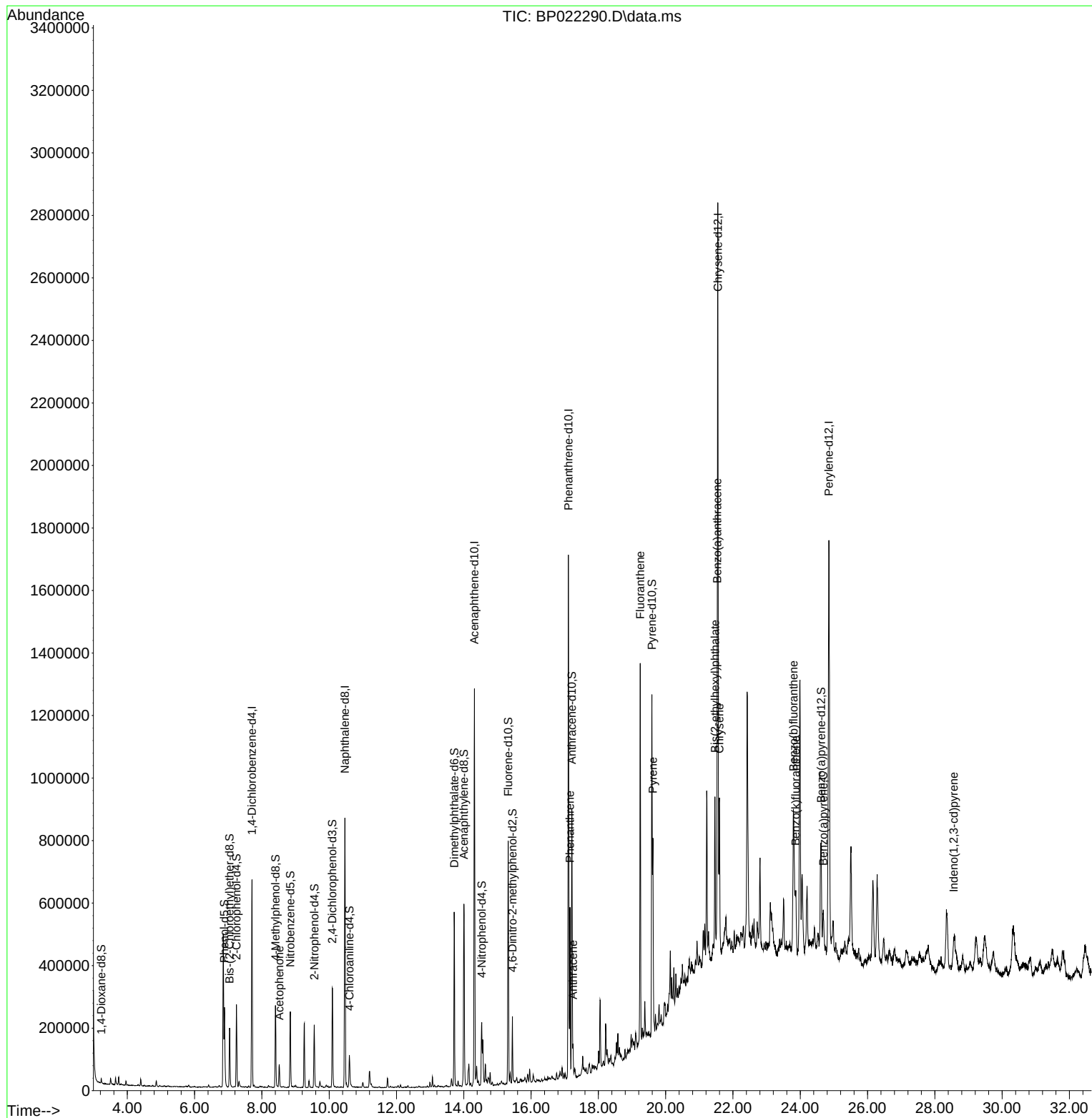
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022290.D
Acq On : 09 Oct 2024 14:59
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ALS Vial : 8 Sample Multiplier: 1

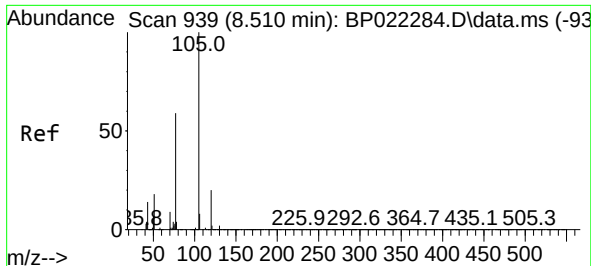
Instrument :
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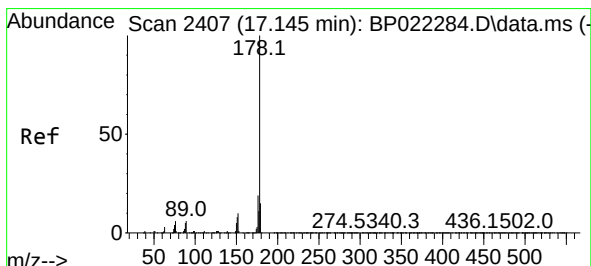
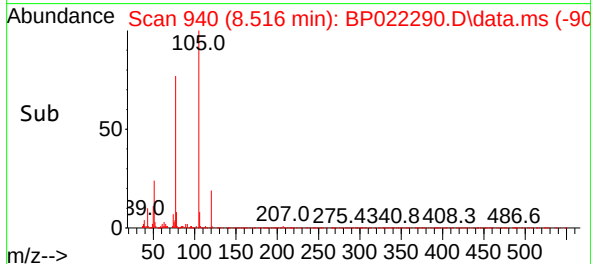
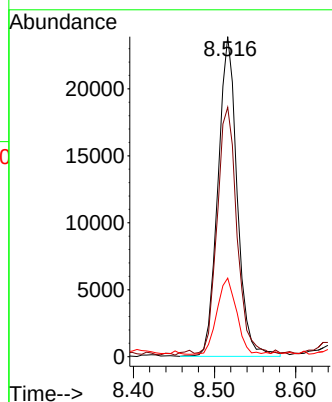
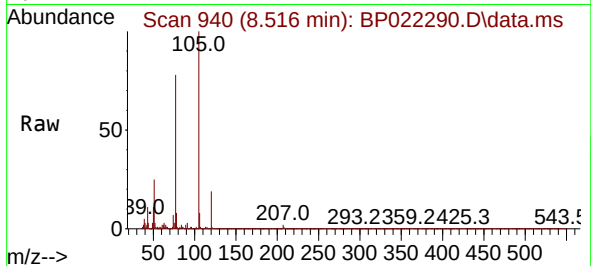
#16
Acetophenone
Concen: 1.941 ng/ul
RT: 8.516 min Scan# 940
Delta R.T. 0.006 min
Lab File: BP022290.D
Acq: 09 Oct 2024 14:59

Instrument :
BNA_P
ClientSampleId :
A4ER8

Tgt Ion:105 Resp: 3935
Ion Ratio Lower Upper
105 100
77 78.0 69.0 103.4
51 24.6 22.6 33.8

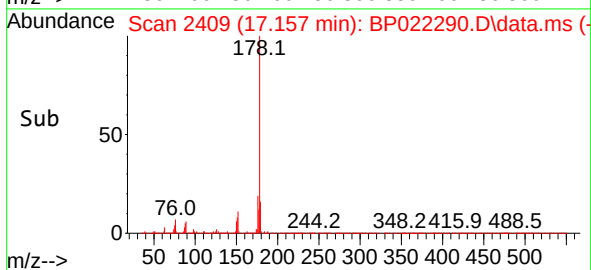
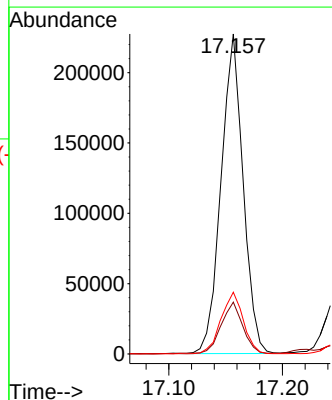
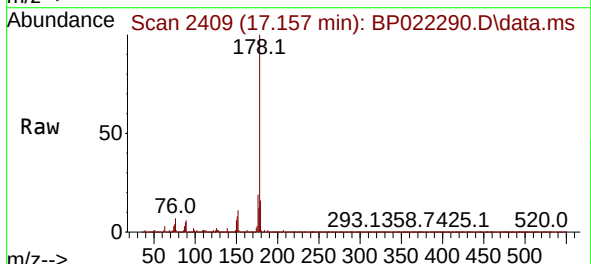
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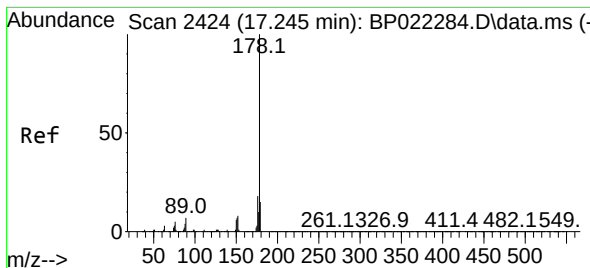
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#72
Phenanthrene
Concen: 5.200 ng/ul
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP022290.D
Acq: 09 Oct 2024 14:59

Tgt Ion:178 Resp: 306722
Ion Ratio Lower Upper
178 100
179 16.2 12.2 18.4
176 19.3 15.7 23.5





#74

Anthracene

Concen: 1.008 ng/ul

RT: 17.245 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP022290.D

Acq: 09 Oct 2024 14:59

Instrument :

BNA_P

ClientSampleId :

A4ER8

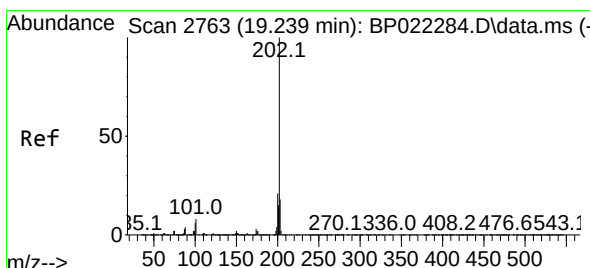
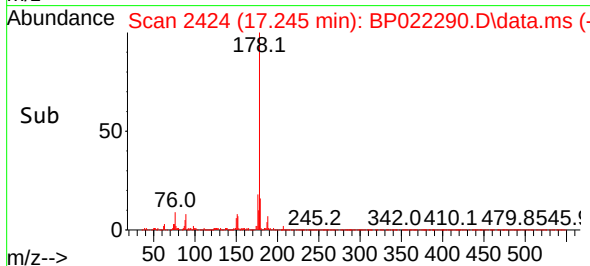
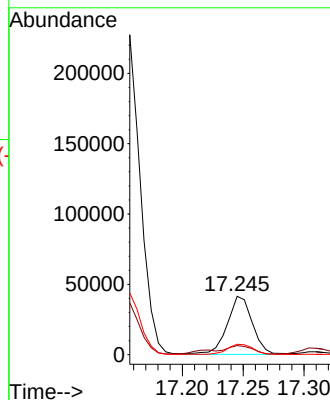
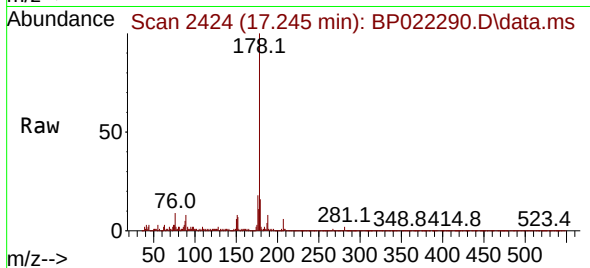
Tgt Ion:	178	Resp:	5935
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.0	18.0
176	17.9	15.0	22.4

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#80

Fluoranthene

Concen: 10.157 ng/ul

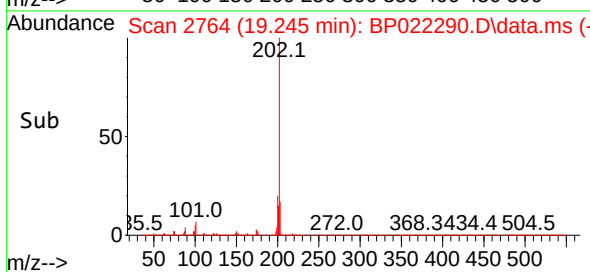
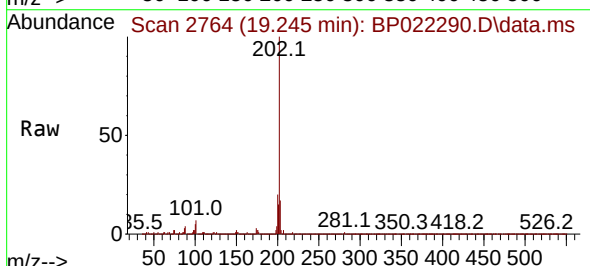
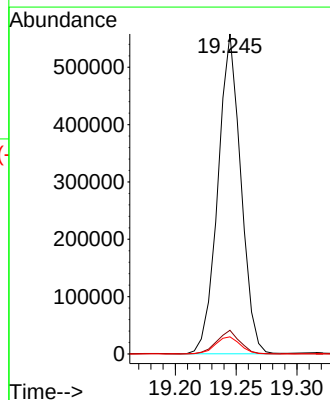
RT: 19.245 min Scan# 2764

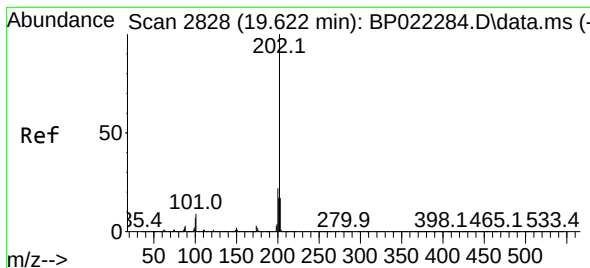
Delta R.T. -0.000 min

Lab File: BP022290.D

Acq: 09 Oct 2024 14:59

Tgt Ion:	202	Resp:	732301
Ion Ratio	Lower	Upper	
202	100		
101	7.4	5.8	8.8
100	5.4	4.5	6.7





#82

Pyrene

Concen: 5.758 ng/ul

RT: 19.621 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP022290.D

Acq: 09 Oct 2024 14:59

Instrument :

BNA_P

ClientSampleId :

A4ER8

Tgt Ion:202 Resp: 444948

Ion Ratio Lower Upper

202 100

101 8.7 6.7 10.1

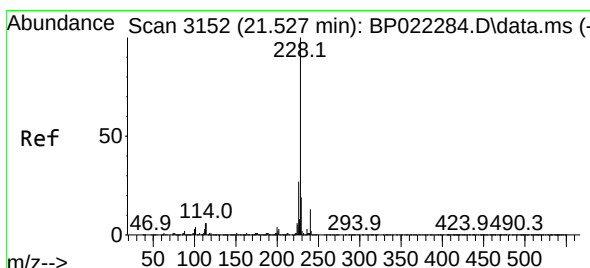
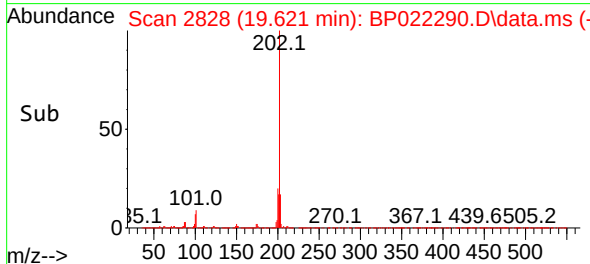
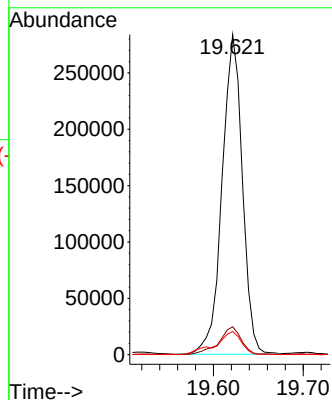
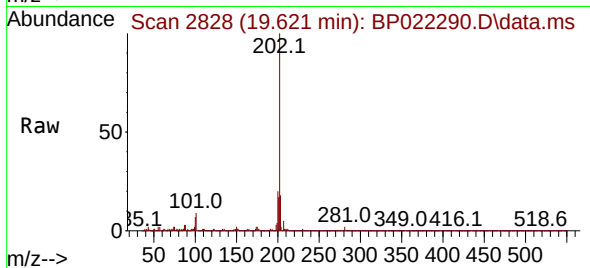
100 7.2 5.8 8.6

Manual Integrations

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Supervised By :mohammad ahmed 10/11/2024



#85

Benzo(a)anthracene

Concen: 4.233 ng/ul

RT: 21.533 min Scan# 3153

Delta R.T. 0.011 min

Lab File: BP022290.D

Acq: 09 Oct 2024 14:59

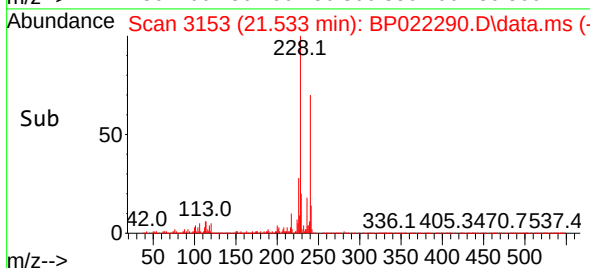
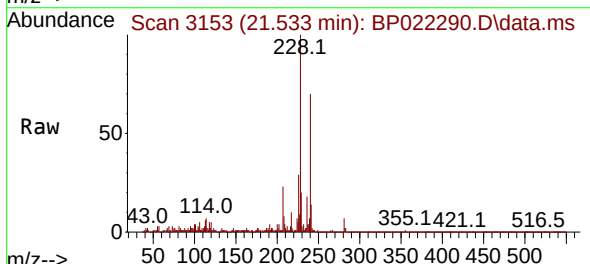
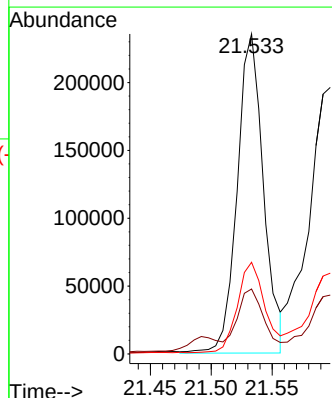
Tgt Ion:228 Resp: 351947

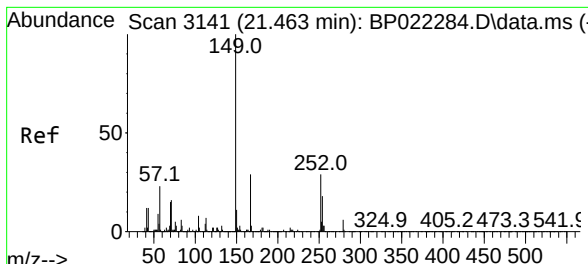
Ion Ratio Lower Upper

228 100

229 20.3 15.4 23.0

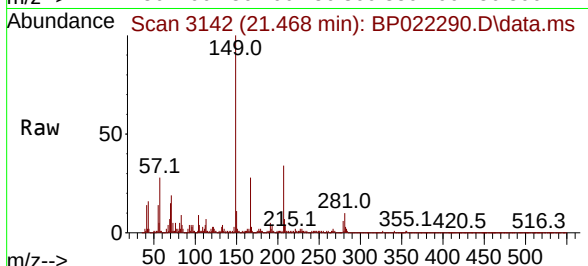
226 28.6 21.5 32.3





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 5.702 ng/ul
 RT: 21.468 min Scan# 3142
 Delta R.T. 0.006 min
 Lab File: BP022290.D
 Acq: 09 Oct 2024 14:59

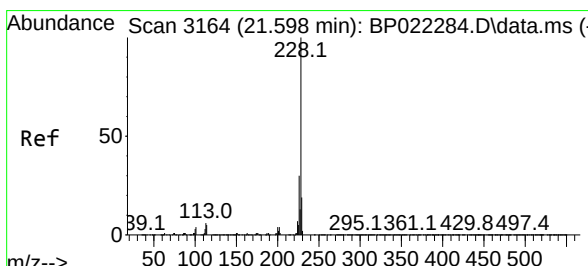
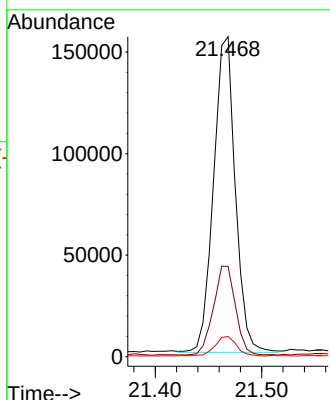
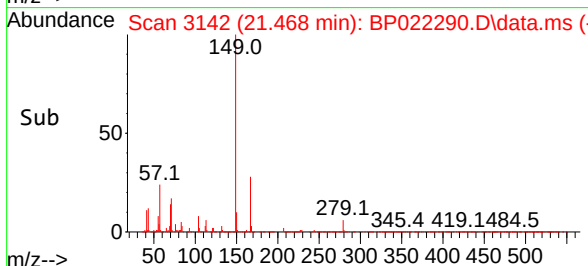
Instrument :
 BNA_P
 ClientSampleId :
 A4ER8



Tgt Ion:149 Resp: 220188
 Ion Ratio Lower Upper
 149 100
 167 28.2 23.0 34.4
 279 6.3 4.8 7.2

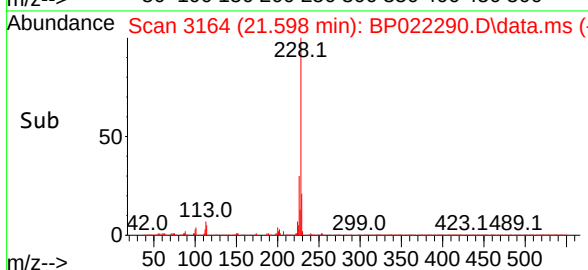
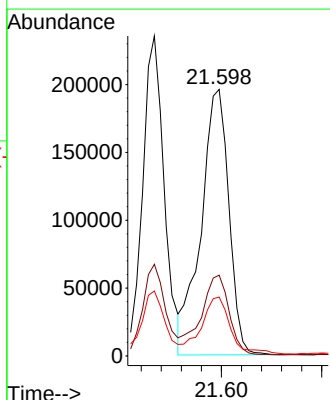
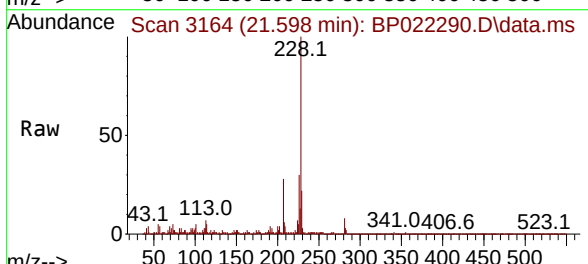
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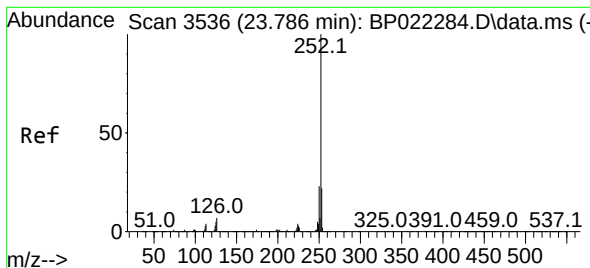
Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024



#87
 Chrysene
 Concen: 4.907 ng/ul
 RT: 21.598 min Scan# 3164
 Delta R.T. 0.006 min
 Lab File: BP022290.D
 Acq: 09 Oct 2024 14:59

Tgt Ion:228 Resp: 378308
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.8 35.8
 229 22.1 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 5.788 ng/ul

RT: 23.804 min Scan# 3536

Delta R.T. 0.017 min

Lab File: BP022290.D

Acq: 09 Oct 2024 14:59

Instrument :

BNA_P

ClientSampleId :

A4ER8

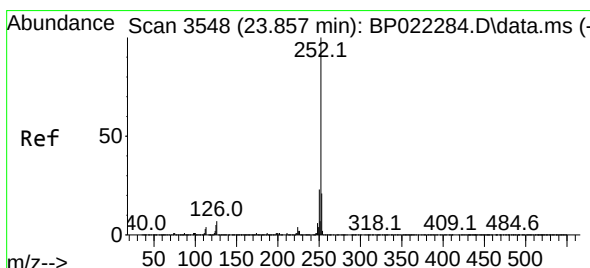
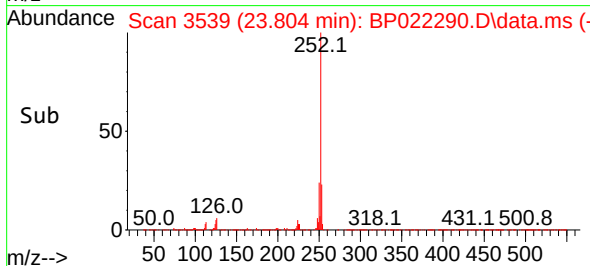
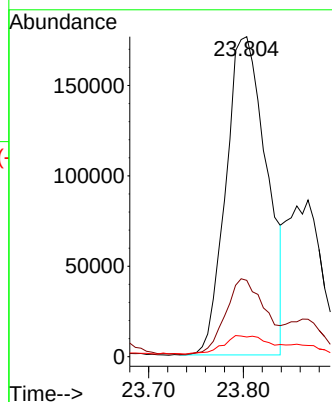
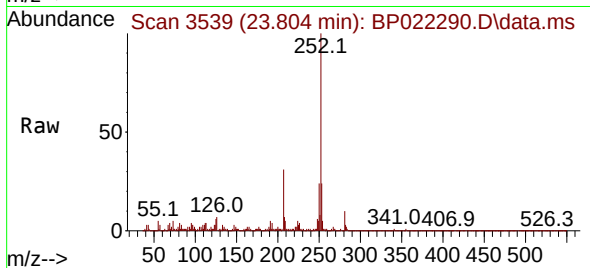
Tgt Ion:	252	Resp:	526740
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.8	26.8
125	6.2	5.0	7.4

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#91

Benzo(k)fluoranthene

Concen: 2.462 ng/ul m

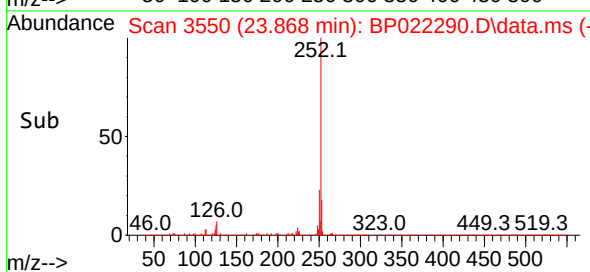
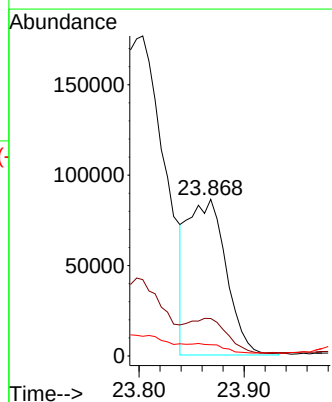
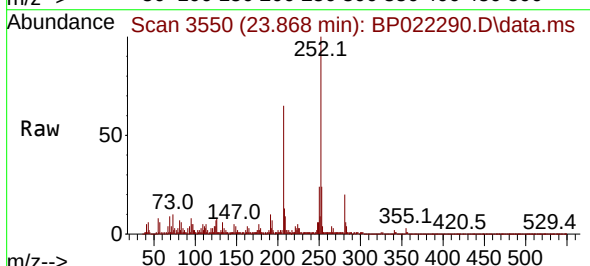
RT: 23.868 min Scan# 3550

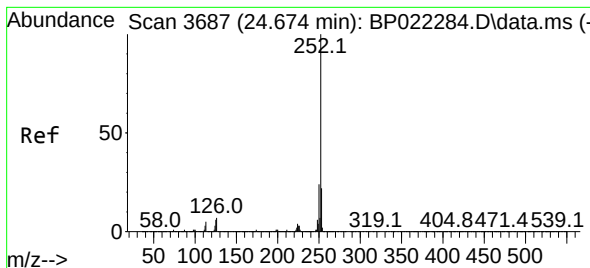
Delta R.T. 0.011 min

Lab File: BP022290.D

Acq: 09 Oct 2024 14:59

Tgt Ion:	252	Resp:	219380
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.4	26.0
125	7.2	4.6	6.8





#93

Benzo(a)pyrene

Concen: 1.852 ng/ul

RT: 24.686 min Scan# 3689

Delta R.T. 0.011 min

Lab File: BP022290.D

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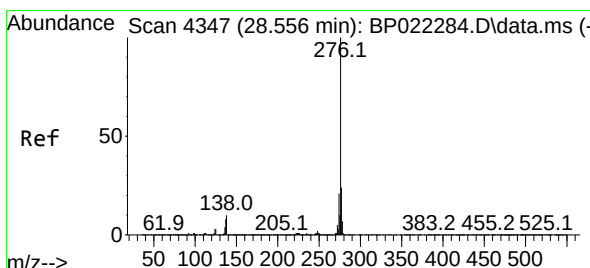
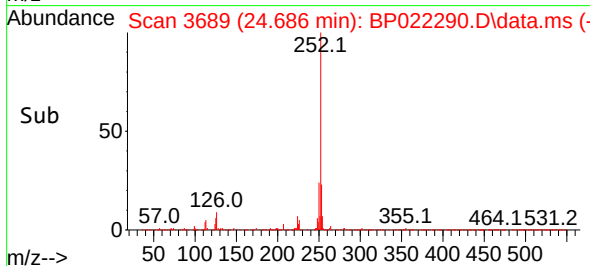
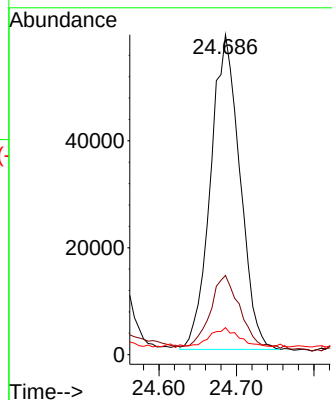
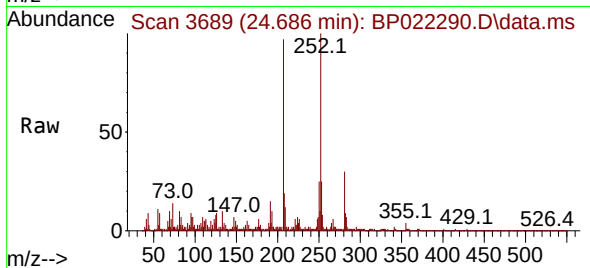
Tgt Ion:	252	Resp:	155140
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.7	26.5
125	8.4	4.9	7.3

Manual Integrations

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Supervised By :mohammad ahmed 10/11/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.570 ng/ul m

RT: 28.562 min Scan# 4348

Delta R.T. -0.000 min

Lab File: BP022290.D

Acq: 09 Oct 2024 14:59

Tgt Ion:	276	Resp:	175436
Ion Ratio	Lower	Upper	
276	100		
138	11.5	9.1	13.7
277	24.4	18.6	27.8

