

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
 Data File : BP022367.D
 Acq On : 14 Oct 2024 22:48
 Operator : RC/JU
 Sample : P4237-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EP6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :mohammad ahmed 10/22/2024

Quant Time: Oct 15 01:45:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 14 11:01:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	110240	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	429607	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	337937	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	831312	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	872958	20.000	ng/u1	-0.02
88) Perylene-d12	24.833	264	1055114	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	2175	0.767	ng/uL	0.00
4) Pyridine-d5	3.652	84	4863	0.624	ng/u1	0.02
7) Phenol-d5	6.887	99	58887	6.346	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	41807	7.665	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	48146	7.312	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	46360	6.260	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	26395	7.991	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	30314	7.927	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	55259	6.799	ng/u1	0.01
31) 4-Chloroaniline-d4	10.599	131	44349	4.618	ng/u1	0.01
46) Dimethylphthalate-d6	13.716	166	213434	7.949	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	238147	8.351	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	16347m	3.629	ng/u1	0.01
60) Fluorene-d10	15.322	176	206695	8.875	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	25522	4.668	ng/u1	0.00
73) Anthracene-d10	17.204	188	338286	8.650	ng/u1	0.00
81) Pyrene-d10	19.586	212	406699	8.810	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.604	264	406286	7.210	ng/u1	-0.03
Target Compounds					Qvalue	
72) Phenanthrene	17.151	178	132836	2.987	ng/u1	98
80) Fluoranthene	19.245	202	430065	8.104	ng/u1	98
82) Pyrene	19.616	202	316216	5.559	ng/u1	98
85) Benzo(a)anthracene	21.516	228	177818	2.906	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.457	149	40661	1.430	ng/u1	99
87) Chrysene	21.586	228	235901	4.157	ng/u1	98
90) Benzo(b)fluoranthene	23.792	252	362077	5.452	ng/u1	97
91) Benzo(k)fluoranthene	23.857	252	122720m	1.887	ng/u1	
93) Benzo(a)pyrene	24.674	252	126243	2.065	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	28.574	276	136914	1.678	ng/u1	95

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

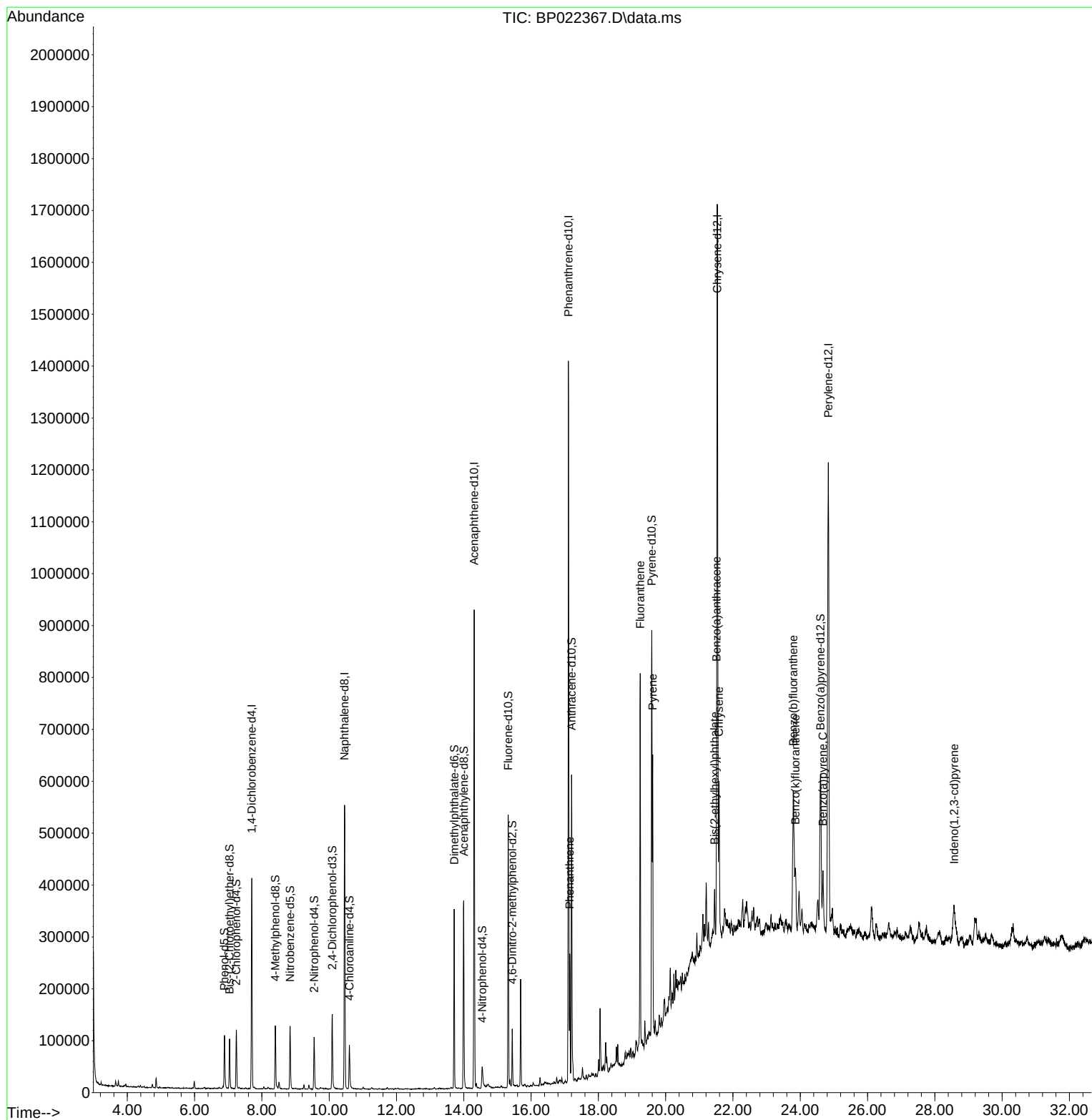
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022367.D
Acq On : 14 Oct 2024 22:48
Operator : RC/JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

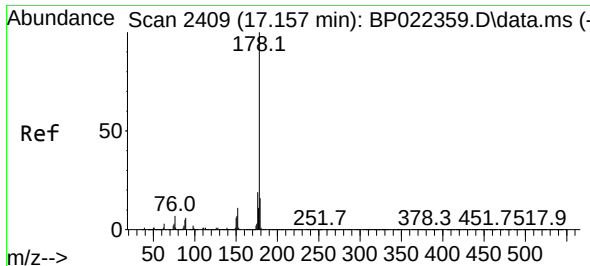
Instrument :
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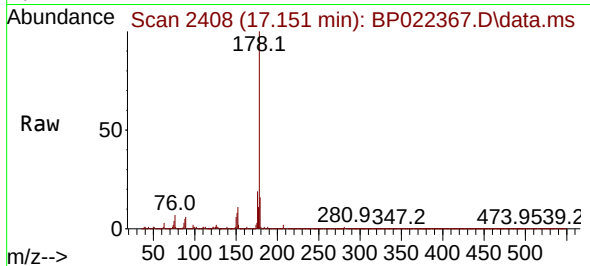
Quant Time: Oct 15 01:45:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 14 11:01:55 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.987 ng/ul
RT: 17.151 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BP022367.D
Acq: 14 Oct 2024 22:48

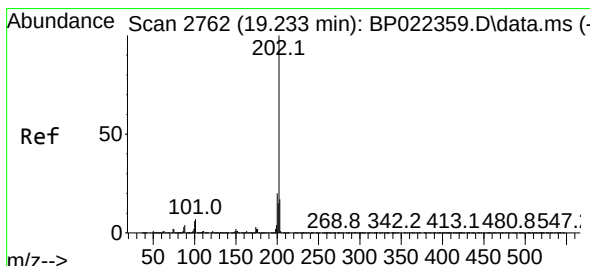
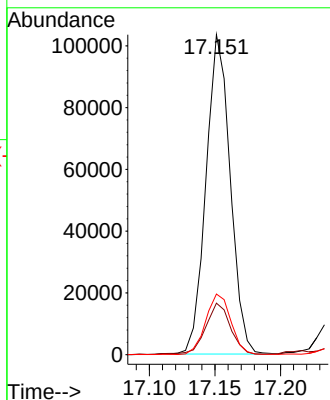
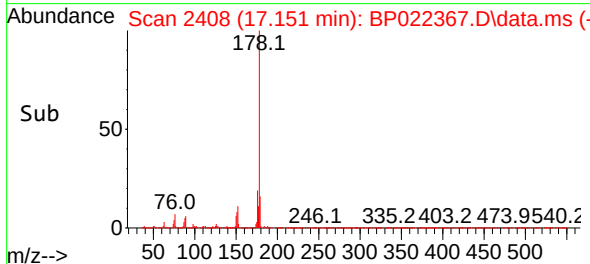
Instrument :
BNA_P
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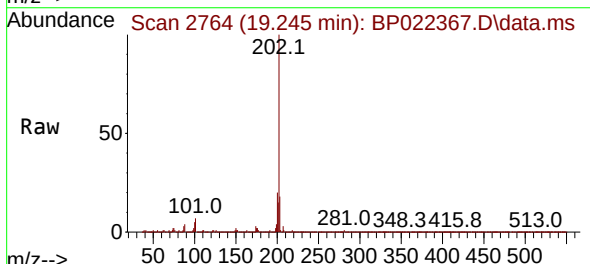
Tgt Ion:178 Resp: 132830
Ion Ratio Lower Upper
178 100
179 16.1 12.2 18.4
176 18.9 15.7 23.5

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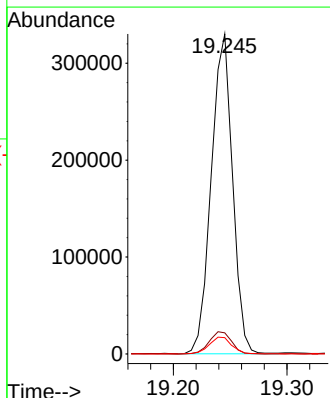
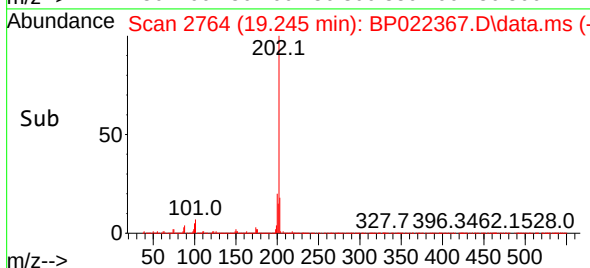
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/22/2024

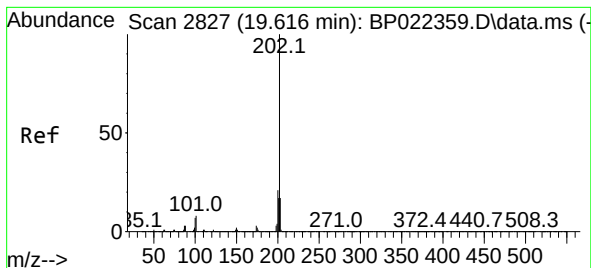


#80
Fluoranthene
Concen: 8.104 ng/ul
RT: 19.245 min Scan# 2764
Delta R.T. -0.006 min
Lab File: BP022367.D
Acq: 14 Oct 2024 22:48



Tgt Ion:202 Resp: 430065
Ion Ratio Lower Upper
202 100
101 6.6 5.8 8.8
100 5.1 4.5 6.7





#82

Pyrene

Concen: 5.559 ng/ul

RT: 19.616 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP022367.D

Acq: 14 Oct 2024 22:48

Instrument :

BNA_P

ClientSampleId :

A4EP6

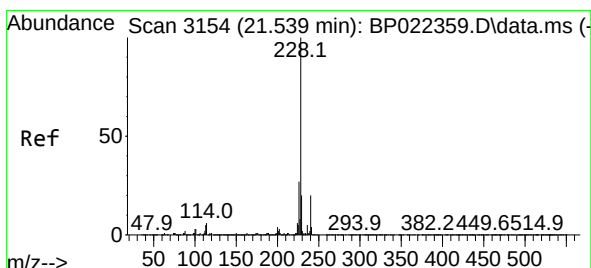
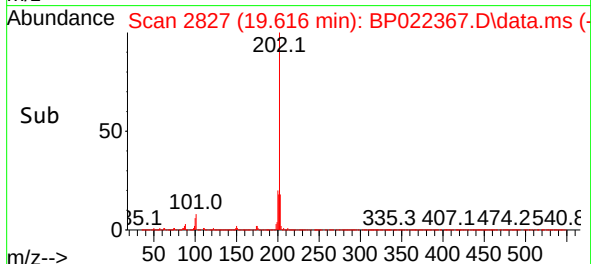
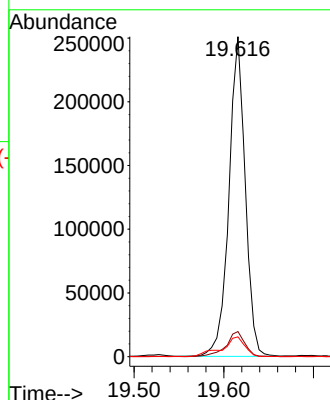
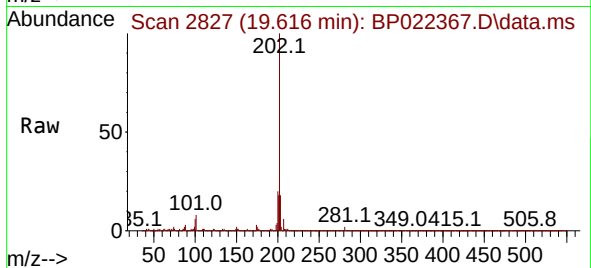
Tgt Ion:	202	Resp:	316210
Ion Ratio	Lower	Upper	
202	100		
101	7.8	6.7	10.1
100	6.2	5.8	8.6

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#85

Benzo(a)anthracene

Concen: 2.906 ng/ul

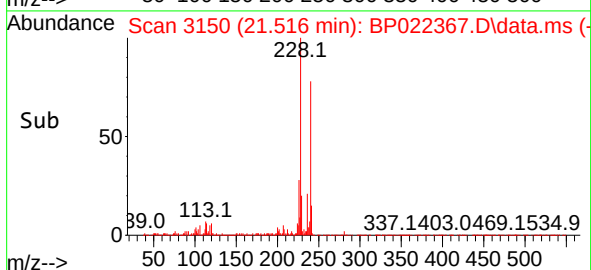
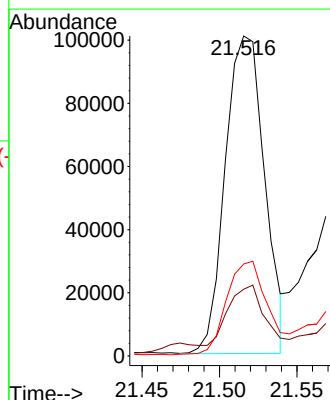
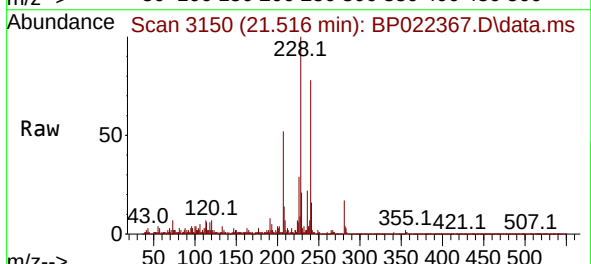
RT: 21.516 min Scan# 3150

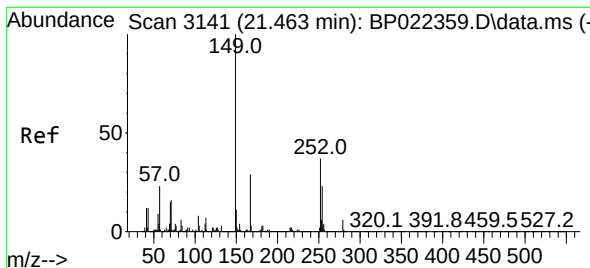
Delta R.T. -0.018 min

Lab File: BP022367.D

Acq: 14 Oct 2024 22:48

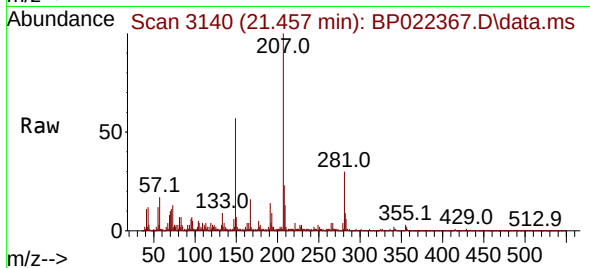
Tgt Ion:	228	Resp:	177818
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.4	23.0
226	28.7	21.5	32.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.430 ng/ul
RT: 21.457 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BP022367.D
Acq: 14 Oct 2024 22:48

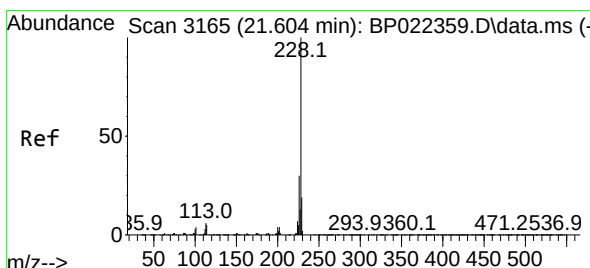
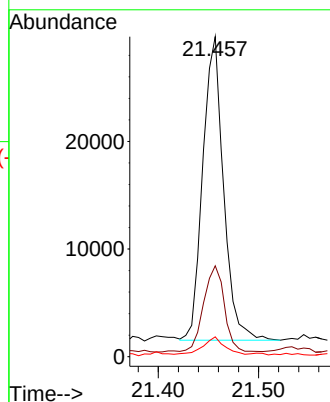
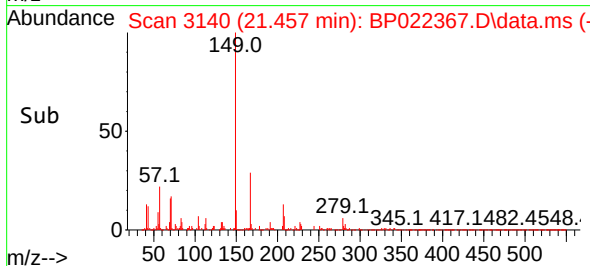
Instrument :
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ClientSampleId :
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Tgt Ion:149 Resp: 4066
Ion Ratio Lower Upper
149 100
167 28.4 23.0 34.4
279 6.2 4.8 7.2

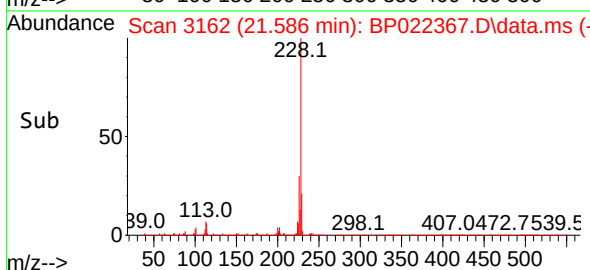
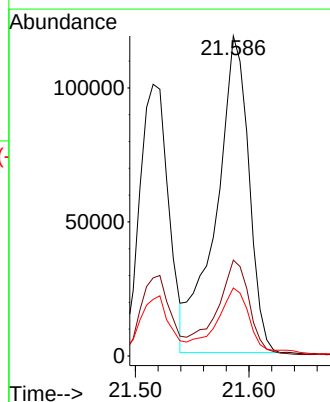
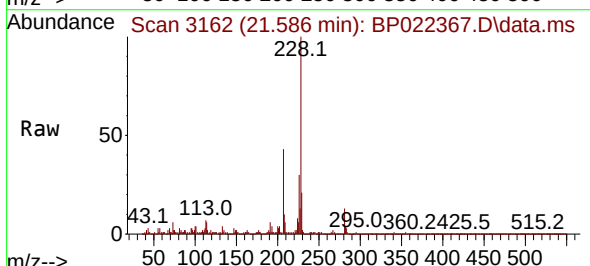
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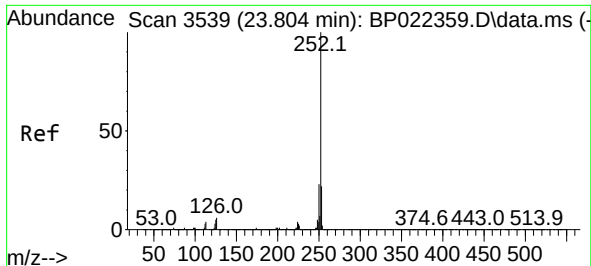
Reviewed By :Yogesh Patel 10/15/2024
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#87
Chrysene
Concen: 4.157 ng/ul
RT: 21.586 min Scan# 3162
Delta R.T. -0.018 min
Lab File: BP022367.D
Acq: 14 Oct 2024 22:48

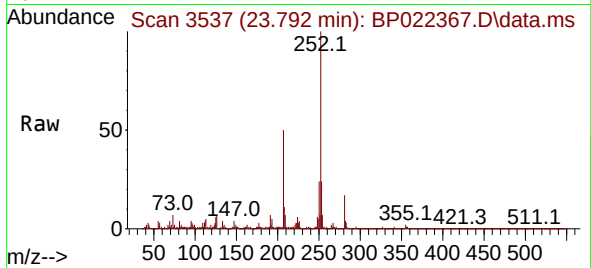
Tgt Ion:228 Resp: 235901
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 21.2 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 5.452 ng/ul
RT: 23.792 min Scan# 3537
Delta R.T. -0.023 min
Lab File: BP022367.D
Acq: 14 Oct 2024 22:48

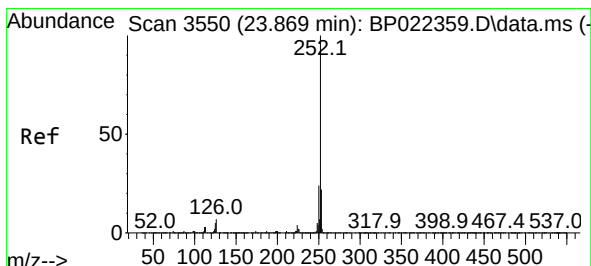
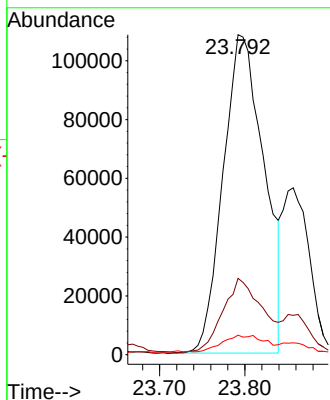
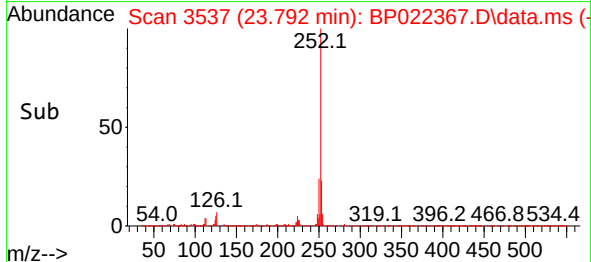
Instrument :
BNA_P
ClientSampleId :
A4EP6



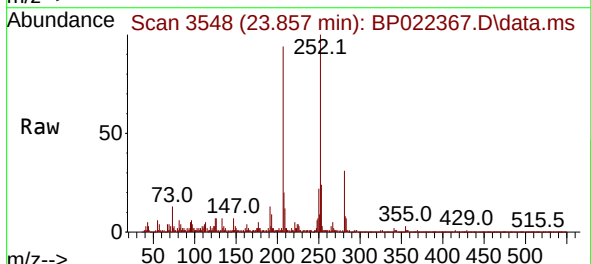
Tgt Ion:252 Resp: 36207
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 6.1 5.0 7.4

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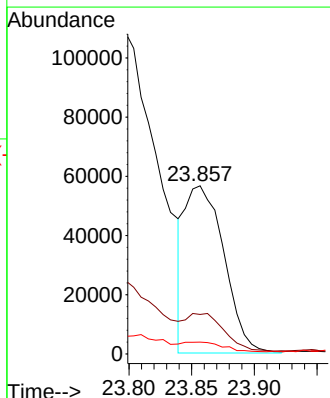
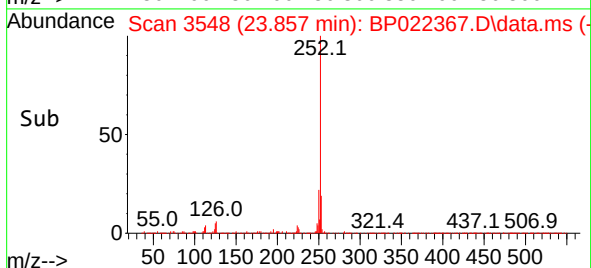
Reviewed By :Yogesh Patel 10/15/2024
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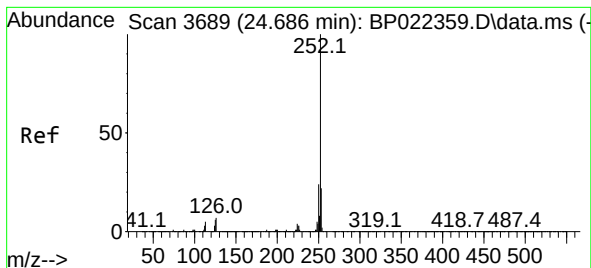


#91
Benzo(k)fluoranthene
Concen: 1.887 ng/ul m
RT: 23.857 min Scan# 3548
Delta R.T. -0.023 min
Lab File: BP022367.D
Acq: 14 Oct 2024 22:48



Tgt Ion:252 Resp: 122720
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.0
125 7.1 4.6 6.8#





#93

Benzo(a)pyrene

Concen: 2.065 ng/ul

RT: 24.674 min Scan# 30

Delta R.T. -0.029 min

Lab File: BP022367.D

Acq: 14 Oct 2024 22:48

Instrument :

BNA_P

ClientSampleId :

A4EP6

Tgt Ion:252 Resp: 12624

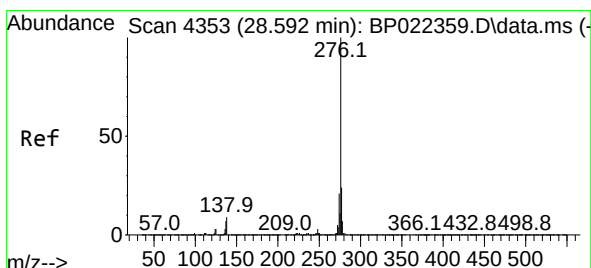
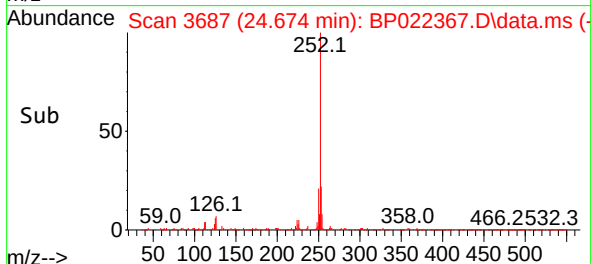
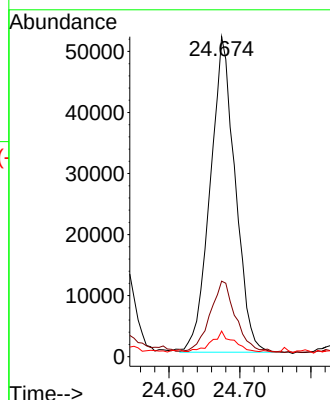
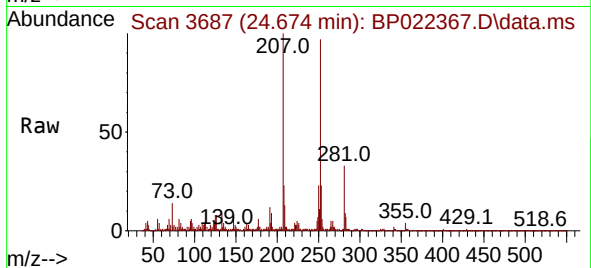
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	8.0	4.9	7.3

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.678 ng/ul

RT: 28.574 min Scan# 4350

Delta R.T. -0.035 min

Lab File: BP022367.D

Acq: 14 Oct 2024 22:48

Tgt Ion:276 Resp: 136914

Ion	Ratio	Lower	Upper
276	100		
138	9.5	9.1	13.7
277	25.5	18.6	27.8

