

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022839.D
 Acq On : 04 Nov 2024 23:04
 Operator : RC/JU
 Sample : P4568-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EE5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 05 00:28:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	77194	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.375	136	293627	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.245	164	239427	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.051	188	590076m	20.000	ng/ul	-0.01
79) Chrysene-d12	21.480	240	643128	20.000	ng/ul	#-0.02
88) Perylene-d12	24.727	264	781295	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	2672	1.345	ng/uL	0.00
4) Pyridine-d5	3.616	84	6172m	1.132	ng/ul	0.02
7) Phenol-d5	6.828	99	39182	6.030	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	26717	6.996	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	33809	7.333	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	32296	6.228	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	15681	6.946	ng/ul	0.00
24) 2-Nitrophenol-d4	9.481	143	17481	6.688	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.034	165	38437	6.919	ng/ul	0.00
31) 4-Chloroaniline-d4	10.545	131	17755	2.705	ng/ul	0.00
46) Dimethylphthalate-d6	13.651	166	144944	7.619	ng/ul	-0.01
49) Acenaphthylene-d8	13.928	160	146871	7.269	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.534	143	11510m	3.607	ng/ul	0.02
60) Fluorene-d10	15.263	176	131656	7.979	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.398	200	10428m	2.687	ng/ul	0.00
73) Anthracene-d10	17.139	188	207874	7.489	ng/ul	-0.03
81) Pyrene-d10	19.527	212	189424	5.570	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.492	264	148527	3.560	ng/ul	-0.03
Target Compounds					Qvalue	
8) Phenol	6.857	94	7837m	1.159	ng/ul	
16) Acetophenone	8.446	105	44654	5.216	ng/ul	98
72) Phenanthrene	17.086	178	194143m	6.150	ng/ul	
74) Anthracene	17.180	178	37517	1.191	ng/ul	99
80) Fluoranthene	19.174	202	401171	10.261	ng/ul	98
82) Pyrene	19.557	202	195910	4.675	ng/ul#	96
85) Benzo(a)anthracene	21.463	228	174394	3.868	ng/ul	98
87) Chrysene	21.533	228	165597	3.961	ng/ul	97
90) Benzo(b)fluoranthene	23.704	252	228291	4.642	ng/ul	98
91) Benzo(k)fluoranthene	23.762	252	81263m	1.688	ng/ul	
93) Benzo(a)pyrene	24.574	252	54322	1.200	ng/ul	99

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

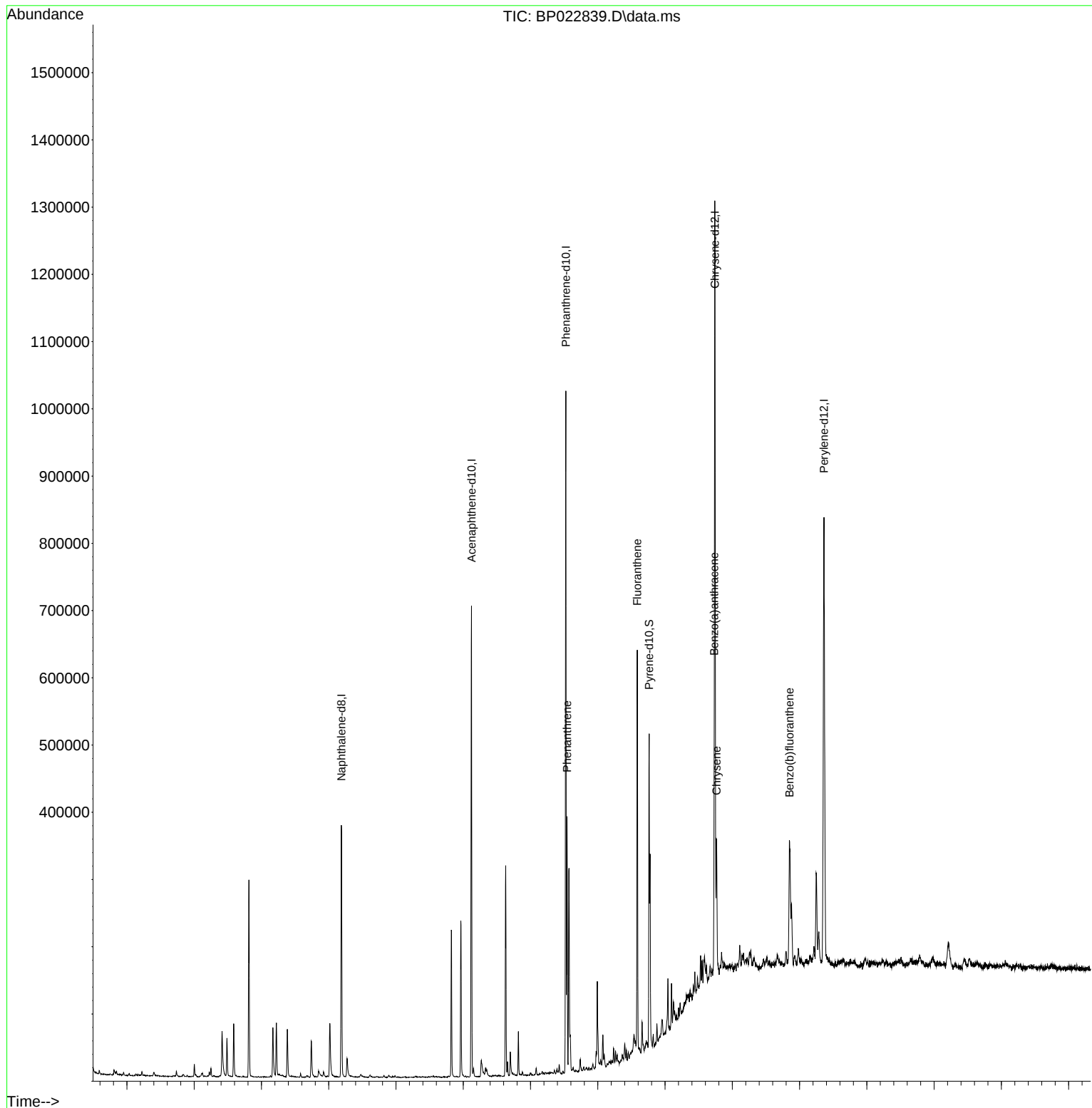
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
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ALS Vial : 18 Sample Multiplier: 1

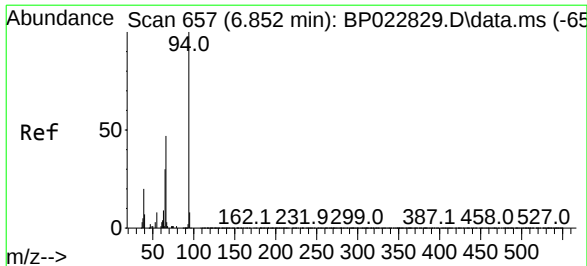
Instrument :
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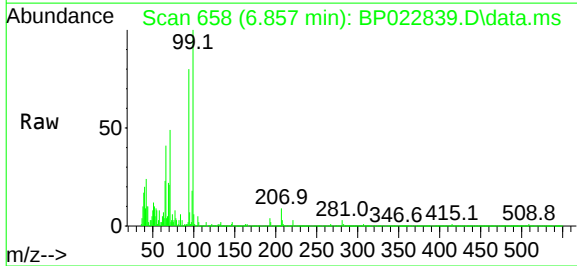
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration





#8
Phenol
Concen: 1.159 ng/u1 m
RT: 6.857 min Scan# 65
Delta R.T. -0.000 min
Lab File: BP022839.D
Acq: 04 Nov 2024 23:04

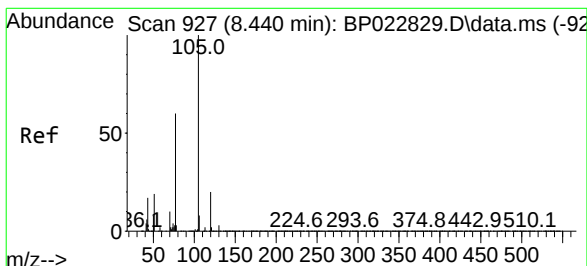
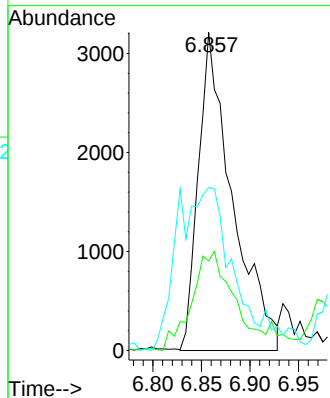
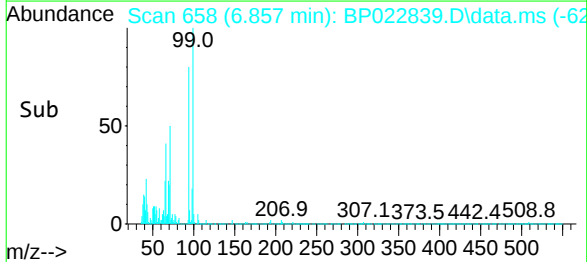
Instrument :
BNA_P
ClientSampleId :
A4EE5



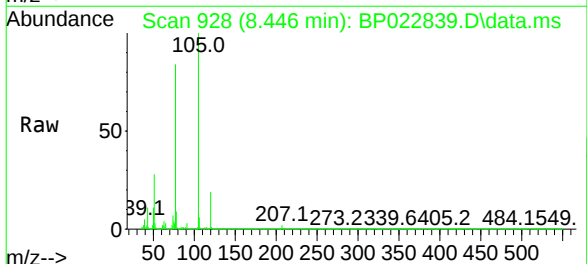
Tgt Ion:	94	Resp:	7837
Ion	Ratio	Lower	Upper
94	100		
65	28.2	25.9	38.9
66	51.2	37.6	56.4

Manual Integrations
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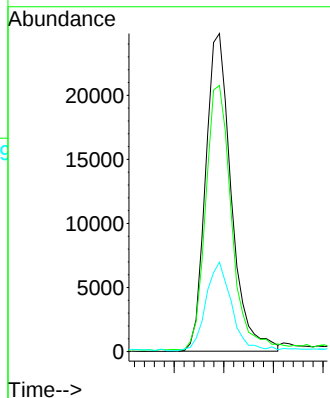
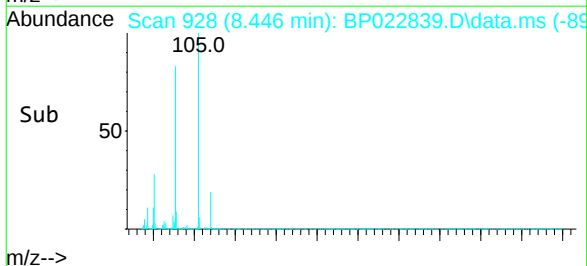
Reviewed By :Yogesh Patel 11/06/2024
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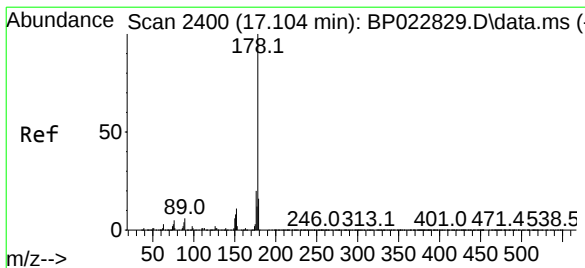


#16
Acetophenone
Concen: 5.216 ng/u1
RT: 8.446 min Scan# 928
Delta R.T. -0.006 min
Lab File: BP022839.D
Acq: 04 Nov 2024 23:04



Tgt Ion:	105	Resp:	44654
Ion	Ratio	Lower	Upper
105	100		
77	83.7	69.0	103.4
51	28.1	22.6	33.8





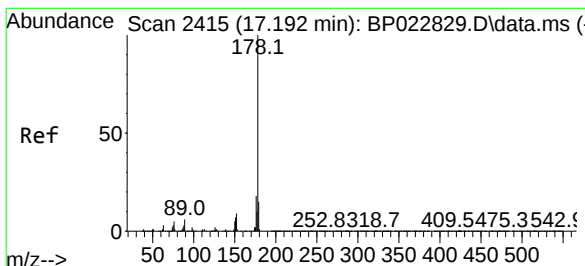
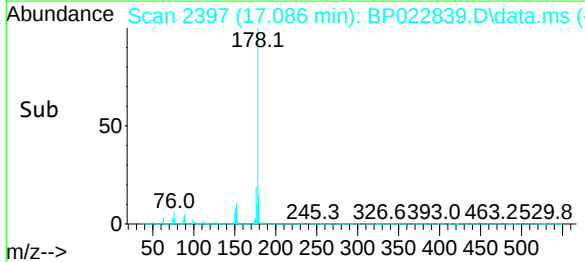
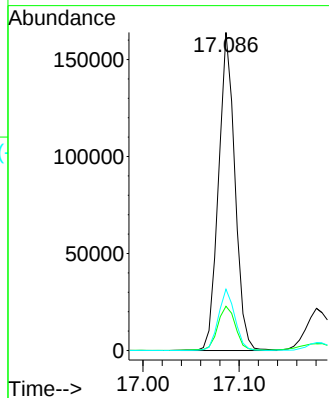
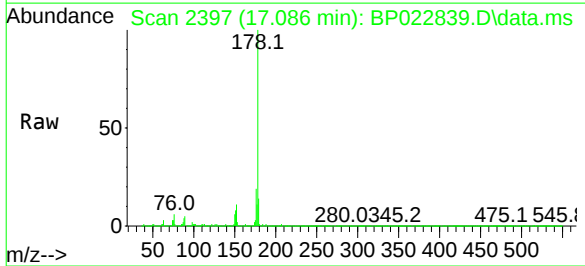
#72
Phenanthrene
Concen: 6.150 ng/u1 m
RT: 17.086 min Scan# 2397
Delta R.T. -0.018 min
Lab File: BP022839.D
Acq: 04 Nov 2024 23:04

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Tgt Ion:	178	Resp:	194143
Ion Ratio	Lower	Upper	
178	100		
179	13.9	12.2	18.4
176	19.3	15.7	23.5

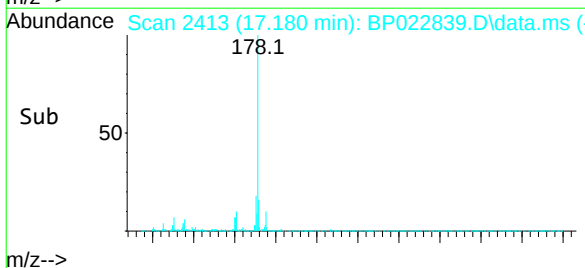
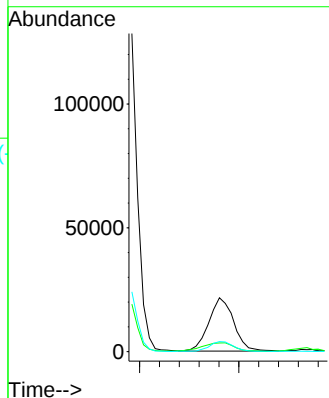
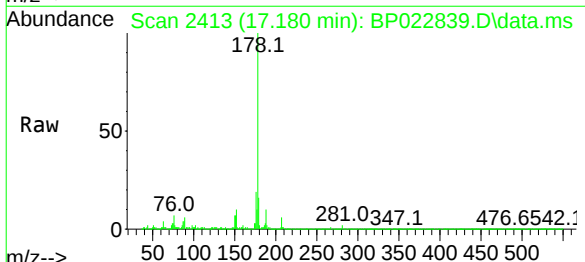
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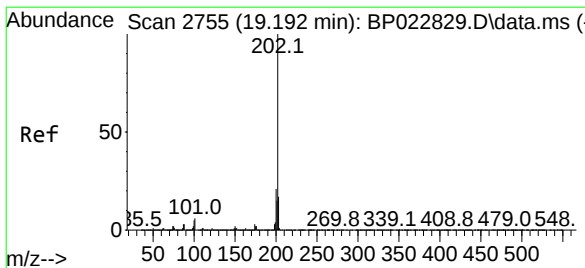
Reviewed By :Yogesh Patel 11/06/2024
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#74
Anthracene
Concen: 1.191 ng/u1
RT: 17.180 min Scan# 2413
Delta R.T. -0.024 min
Lab File: BP022839.D
Acq: 04 Nov 2024 23:04

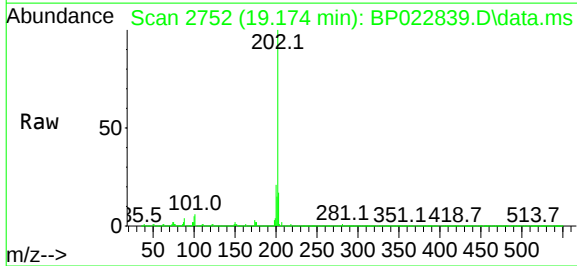
Tgt Ion:	178	Resp:	37517
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.0	18.0
176	18.6	15.0	22.4





#80
Fluoranthene
Concen: 10.261 ng/u1
RT: 19.174 min Scan# 271
Delta R.T. -0.018 min
Lab File: BP022839.D
Acq: 04 Nov 2024 23:04

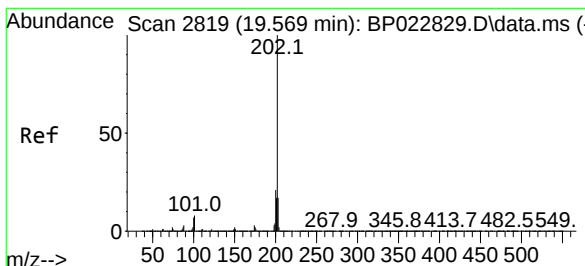
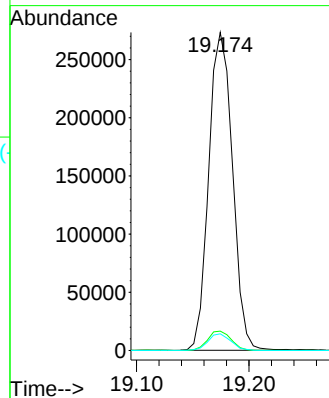
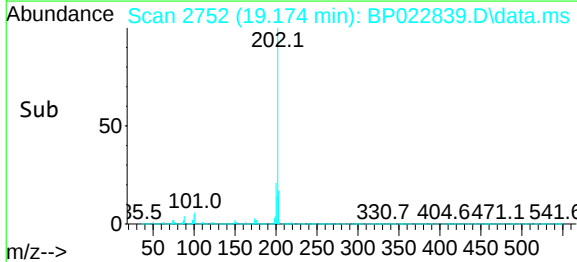
Instrument :
BNA_P
ClientSampleId :
A4EE5



Tgt Ion:202 Resp: 401171
Ion Ratio Lower Upper
202 100
101 6.1 5.8 8.8
100 5.3 4.5 6.7

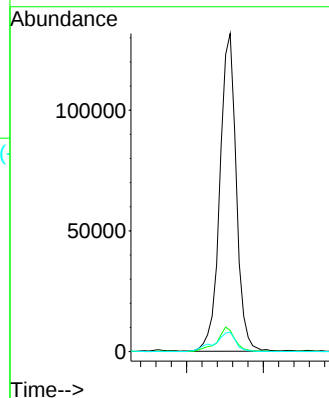
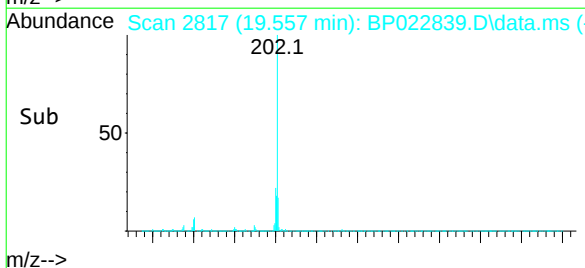
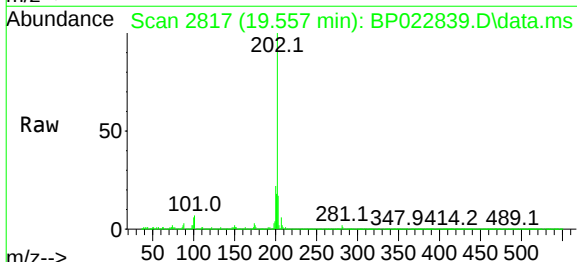
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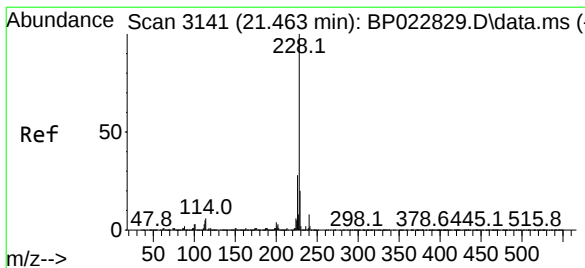
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#82
Pyrene
Concen: 4.675 ng/u1
RT: 19.557 min Scan# 2817
Delta R.T. -0.018 min
Lab File: BP022839.D
Acq: 04 Nov 2024 23:04

Tgt Ion:202 Resp: 195910
Ion Ratio Lower Upper
202 100
101 6.7 6.7 10.1#
100 6.1 5.8 8.6





#85

Benzo(a)anthracene

Concen: 3.868 ng/u1

RT: 21.463 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP022839.D

Acq: 04 Nov 2024 23:04

Instrument :

BNA_P

ClientSampleId :

A4EE5

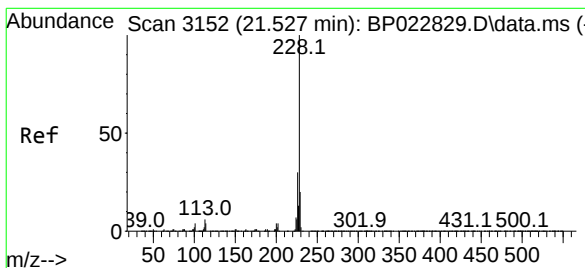
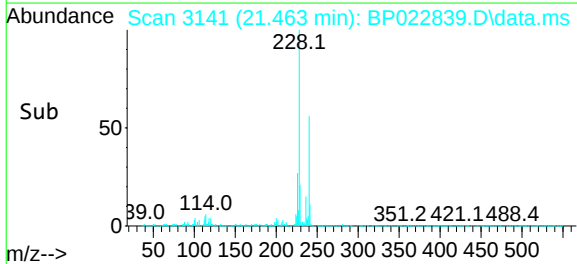
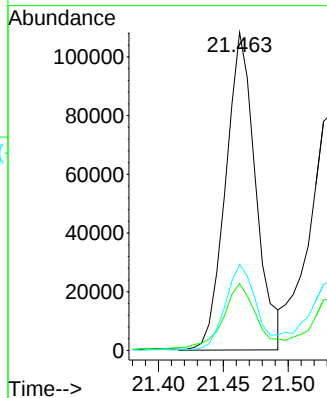
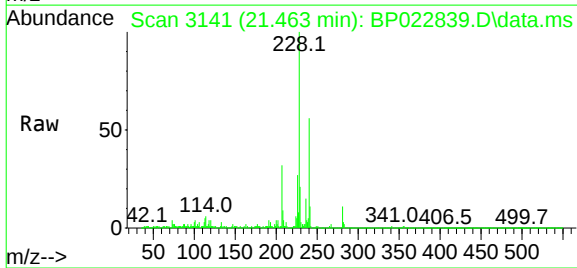
Tgt Ion:	228	Resp:	174394
Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.4	23.0
226	27.1	21.5	32.3

Manual Integrations

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#87

Chrysene

Concen: 3.961 ng/u1

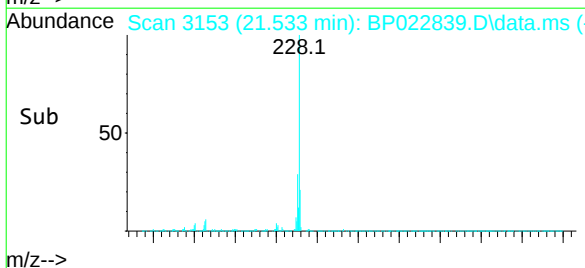
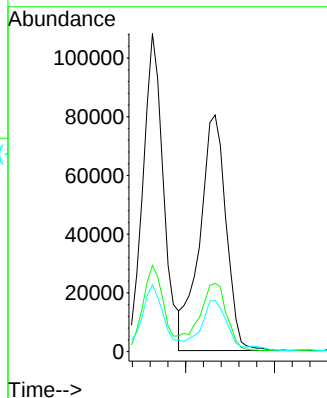
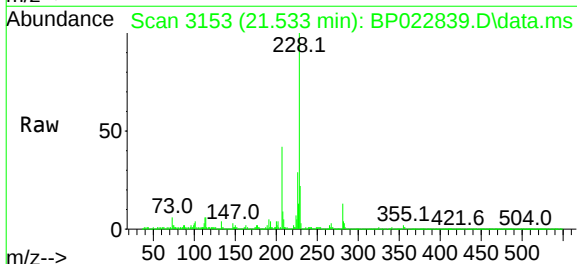
RT: 21.533 min Scan# 3153

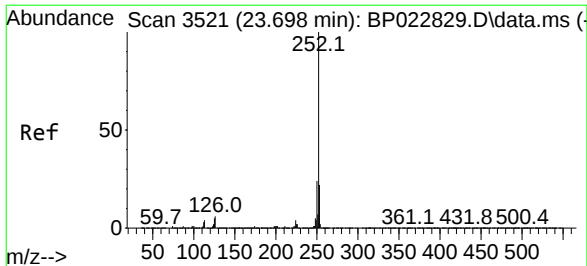
Delta R.T. -0.018 min

Lab File: BP022839.D

Acq: 04 Nov 2024 23:04

Tgt Ion:	228	Resp:	165597
Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.8	35.8
229	21.7	15.5	23.3





#90

Benzo(b)fluoranthene

Concen: 4.642 ng/u1

RT: 23.704 min Scan# 3521

Delta R.T. -0.018 min

Lab File: BP022839.D

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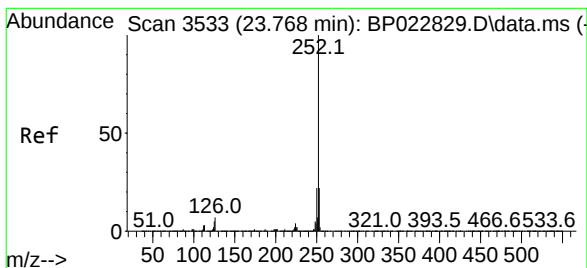
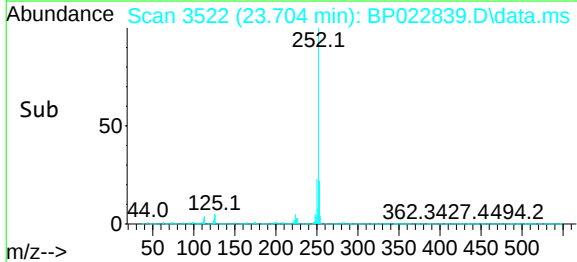
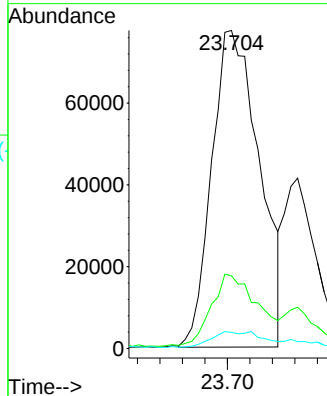
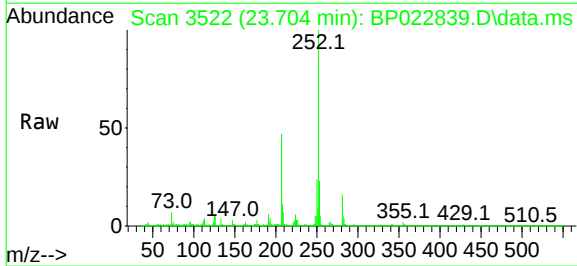
Tgt Ion:252	Resp: 228291
Ion Ratio	Lower Upper
252 100	
253 22.8	17.8 26.8
125 5.1	5.0 7.4

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 1.688 ng/u1 m

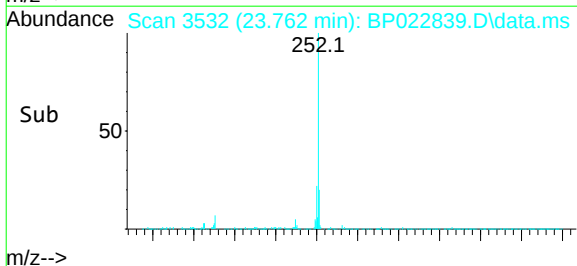
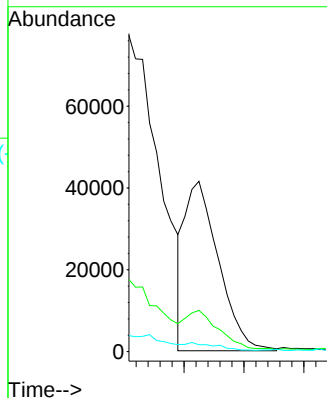
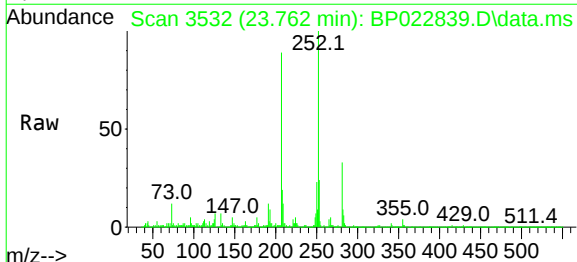
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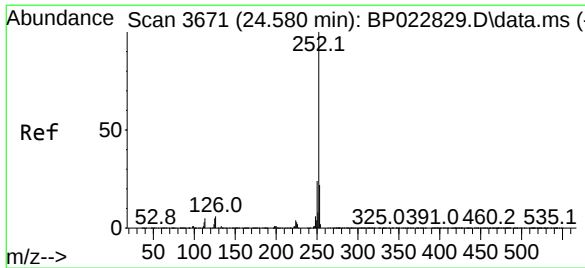
Delta R.T. -0.030 min

Lab File: BP022839.D

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Tgt Ion:252	Resp: 81263
Ion Ratio	Lower Upper
252 100	
253 24.2	17.4 26.0
125 4.0	4.6 6.8#





#93
 Benzo(a)pyrene
 Concen: 1.200 ng/ul
 RT: 24.574 min Scan# 3670
 Delta R.T. -0.024 min
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Tgt Ion:	252	Resp:	54322
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.7	26.5
125	5.7	4.9	7.3

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