

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022855.D
 Acq On : 05 Nov 2024 10:33
 Operator : RC/JU
 Sample : P4568-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EH4

Manual Integrations
 APPROVED

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

Quant Time: Nov 05 11:49:04 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	7.622	152	100876	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.375	136	396843	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.245	164	316011	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.051	188	754787	20.000	ng/ul	-0.01
79) Chrysene-d12	21.486	240	742311	20.000	ng/ul	-0.01
88) Perylene-d12	24.739	264	905294	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	4218	1.625	ng/uL	0.00
4) Pyridine-d5	3.611	84	6281m	0.881	ng/ul	0.02
7) Phenol-d5	6.828	99	93217	10.978	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	51938	10.407	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.175	132	71281	11.830	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	73859	10.899	ng/ul	-0.01
21) Nitrobenzene-d5	8.763	128	35404	11.603	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.481	143	41355	11.706	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.022	165	88822	11.830	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.540	131	24386	2.749	ng/ul	0.00
46) Dimethylphthalate-d6	13.657	166	304417	12.124	ng/ul	0.00
49) Acenaphthylene-d8	13.934	160	318514	11.944	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.522	143	29494m	7.002	ng/ul	0.01
60) Fluorene-d10	15.263	176	276295	12.687	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.404	200	19094	3.846	ng/ul	0.00
73) Anthracene-d10	17.151	188	435512	12.266	ng/ul	-0.02
81) Pyrene-d10	19.533	212	389753	9.929	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.515	264	296851	6.140	ng/ul	0.00
Target Compounds					Qvalue	
6) Benzaldehyde	6.793	77	4985	1.086	ng/ul	91
8) Phenol	6.852	94	26151	2.960	ng/ul#	90
16) Acetophenone	8.434	105	101293	9.054	ng/ul	98
72) Phenanthrene	17.098	178	405071	10.031	ng/ul	99
74) Anthracene	17.186	178	88288	2.191	ng/ul	97
80) Fluoranthene	19.186	202	641496	14.215	ng/ul	99
82) Pyrene	19.569	202	340347	7.037	ng/ul	96
85) Benzo(a)anthracene	21.468	228	272865	5.243	ng/ul	97
87) Chrysene	21.527	228	254408	5.272	ng/ul	98
90) Benzo(b)fluoranthene	23.715	252	355892	6.245	ng/ul	99
91) Benzo(k)fluoranthene	23.774	252	103244	1.851	ng/ul	95
93) Benzo(a)pyrene	24.586	252	95245	1.816	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	28.427	276	99022	1.415	ng/ul#	95

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

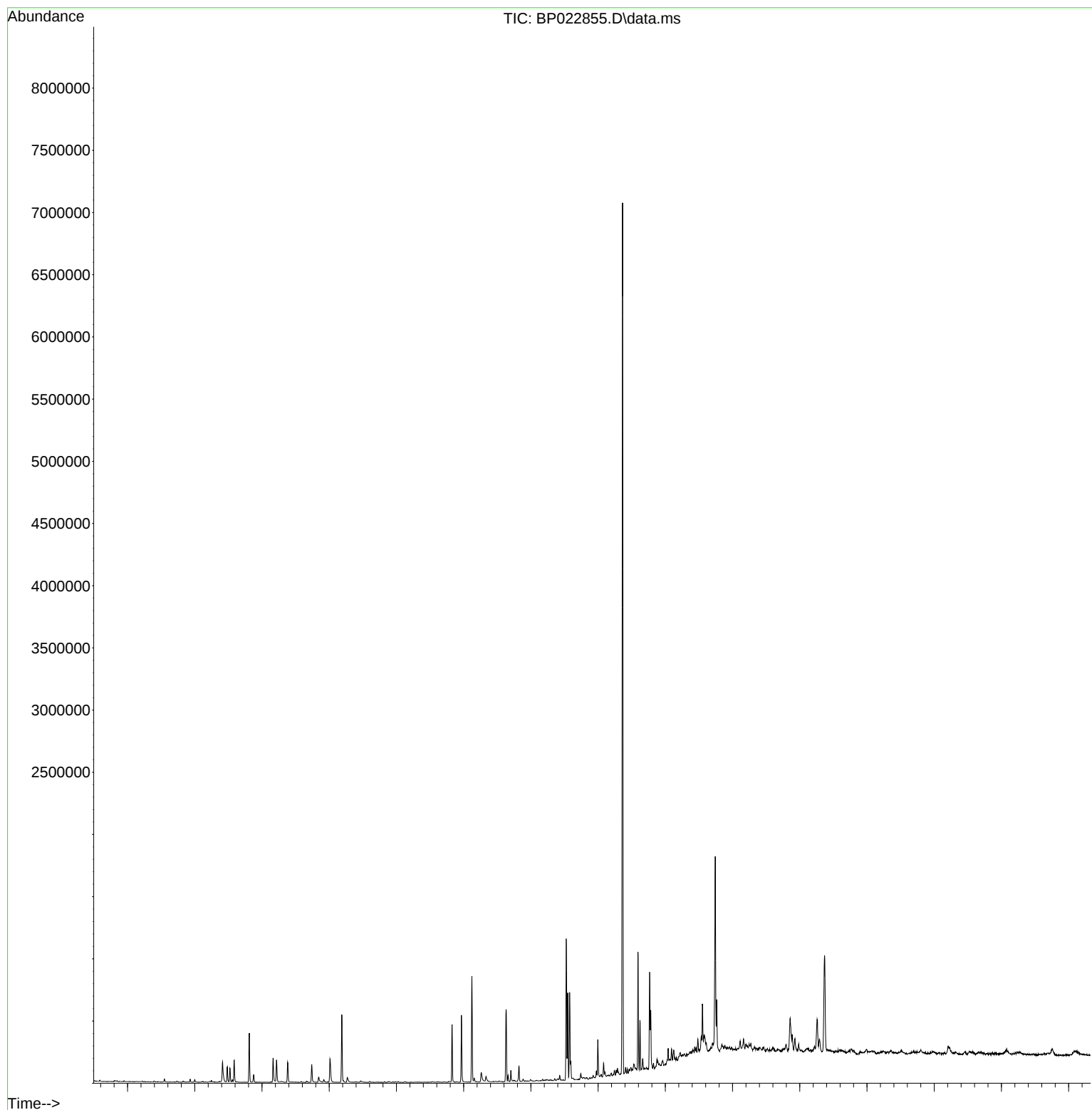
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022855.D
Acq On : 05 Nov 2024 10:33
Operator : RC/JU
Sample : P4568-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

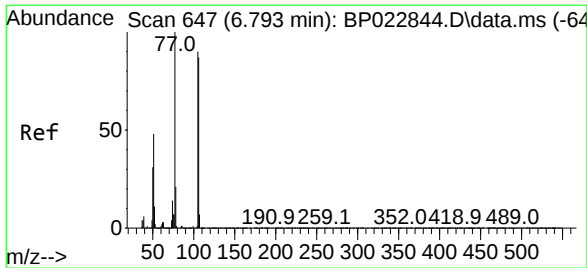
Instrument :
BNA_P
ClientSampleId :
A4EH4

Manual Integrations
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Quant Time: Nov 05 11:49:04 2024
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Quant Title : SVOA CALIBRATION
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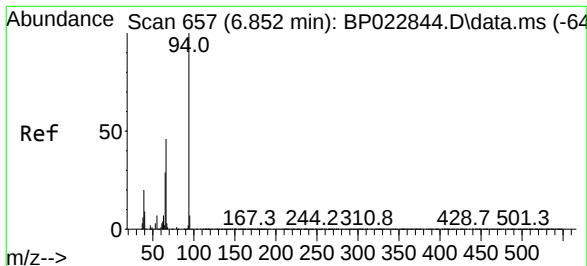
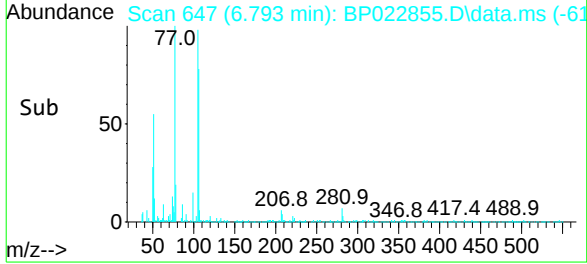
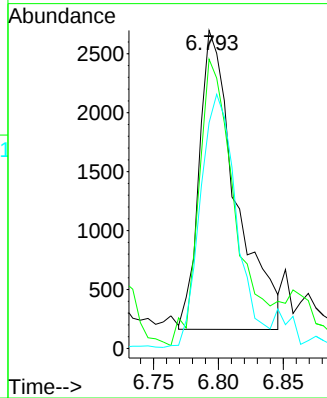
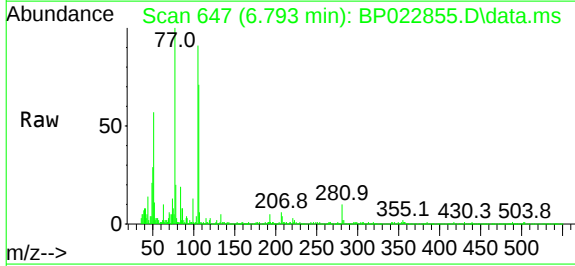
#6
Benzaldehyde
Concen: 1.086 ng/u1
RT: 6.793 min Scan# 647
Delta R.T. -0.006 min
Lab File: BP022855.D
Acq: 05 Nov 2024 10:33

Instrument :
BNA_P
ClientSampleId :
A4EH4

Tgt Ion: 77	Resp: 4985
Ion Ratio	Lower Upper
77 100	
105 91.0	72.6 108.8
106 71.0	70.6 106.0

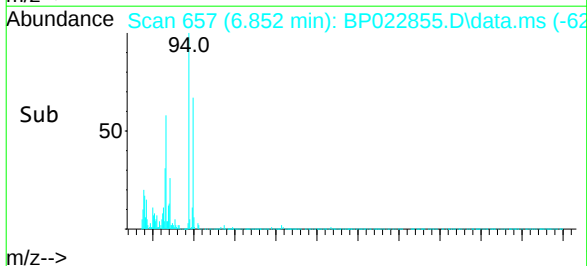
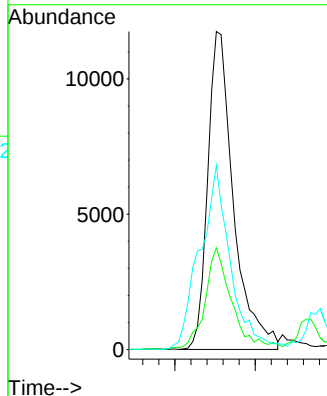
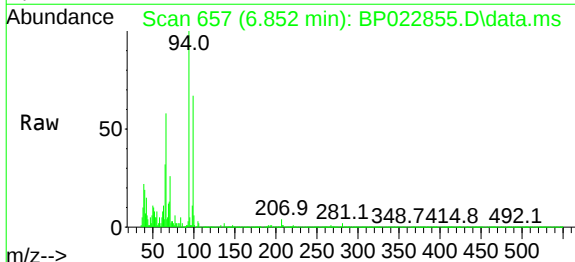
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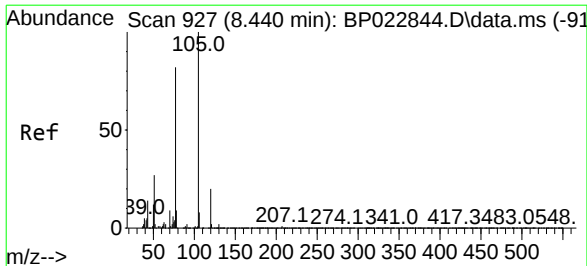
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#8
Phenol
Concen: 2.960 ng/u1
RT: 6.852 min Scan# 657
Delta R.T. -0.006 min
Lab File: BP022855.D
Acq: 05 Nov 2024 10:33

Tgt Ion: 94	Resp: 26151
Ion Ratio	Lower Upper
94 100	
65 32.0	25.9 38.9
66 58.0	37.6 56.4





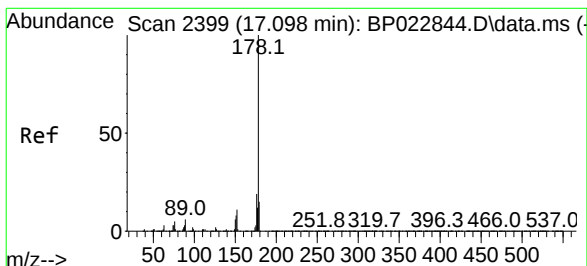
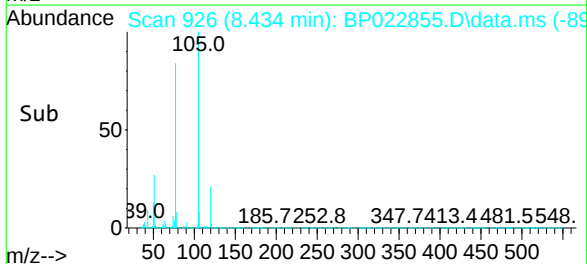
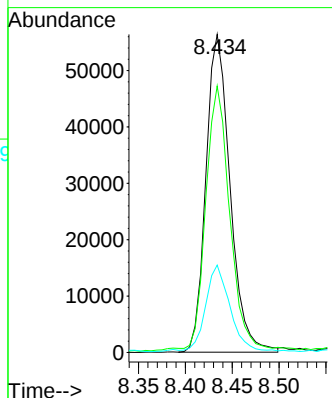
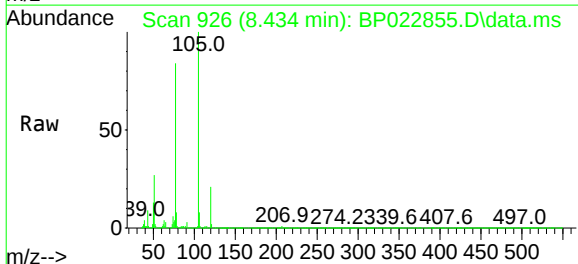
#16
Acetophenone
Concen: 9.054 ng/u1
RT: 8.434 min Scan# 92
Delta R.T. -0.018 min
Lab File: BP022855.D
Acq: 05 Nov 2024 10:33

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:	105	Resp:	101293
Ion Ratio	Lower	Upper	
105	100		
77	83.8	69.0	103.4
51	27.5	22.6	33.8

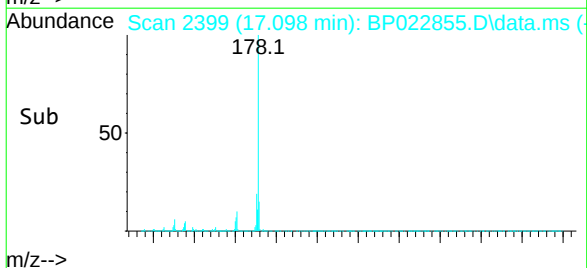
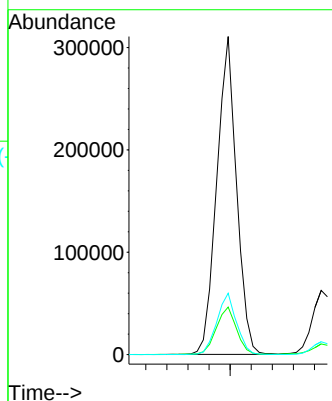
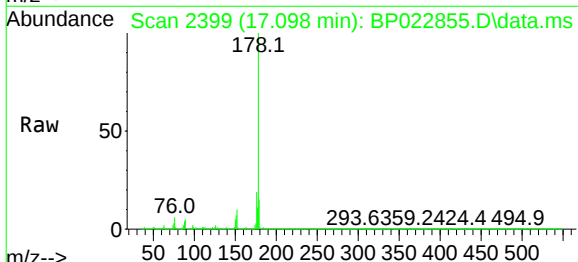
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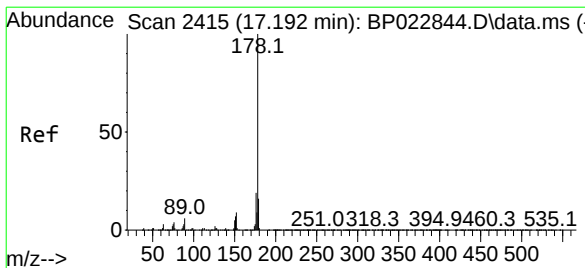
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#72
Phenanthrene
Concen: 10.031 ng/u1
RT: 17.098 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BP022855.D
Acq: 05 Nov 2024 10:33

Tgt Ion:	178	Resp:	405071
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.2	18.4
176	19.3	15.7	23.5





#74

Anthracene

Concen: 2.191 ng/u1

RT: 17.186 min Scan# 2415

Delta R.T. -0.018 min

Lab File: BP022855.D

Acq: 05 Nov 2024 10:33

Instrument :

BNA_P

ClientSampleId :

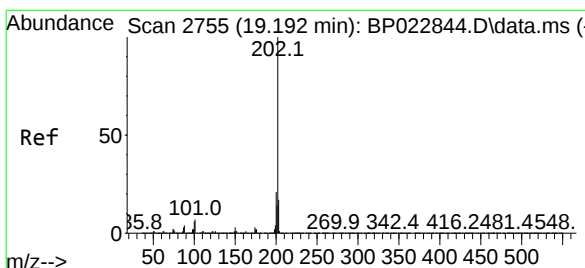
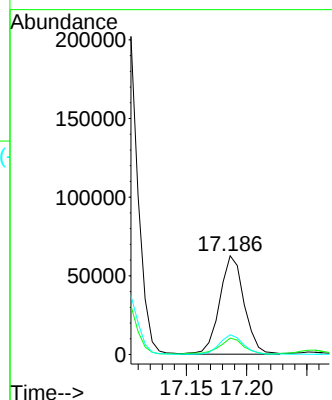
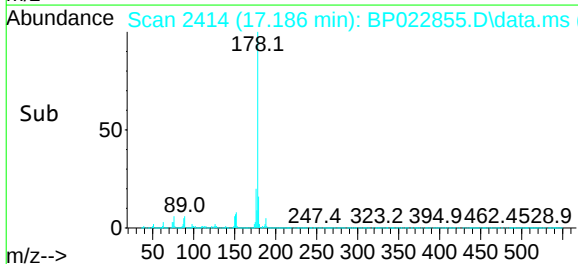
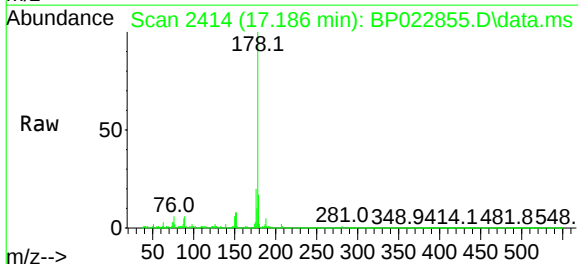
A4EH4

Tgt Ion:	178	Resp:	88288
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.0	18.0
176	20.0	15.0	22.4

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

Supervised By :mohammad ahmed 11/08/2024



#80

Fluoranthene

Concen: 14.215 ng/u1

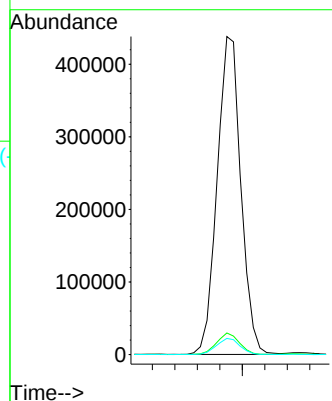
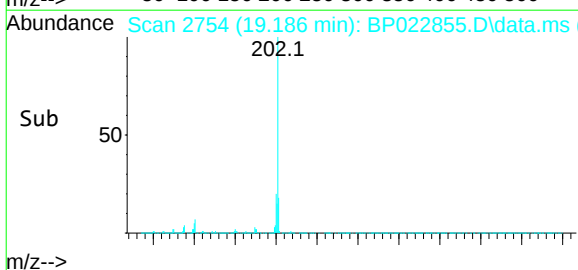
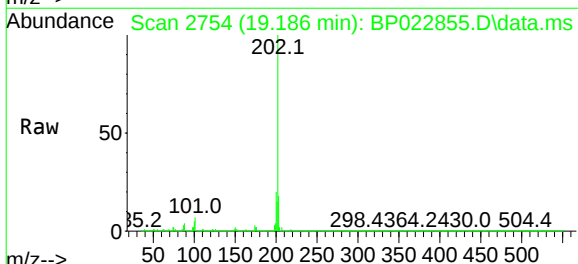
RT: 19.186 min Scan# 2754

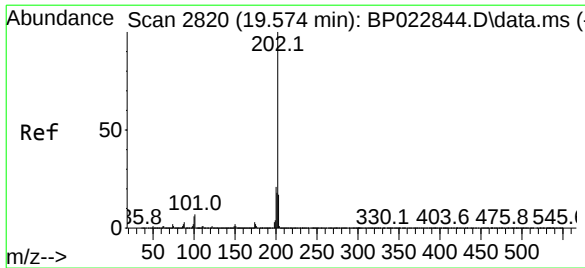
Delta R.T. -0.006 min

Lab File: BP022855.D

Acq: 05 Nov 2024 10:33

Tgt Ion:	202	Resp:	641496
Ion Ratio	Lower	Upper	
202	100		
101	6.8	5.8	8.8
100	5.1	4.5	6.7





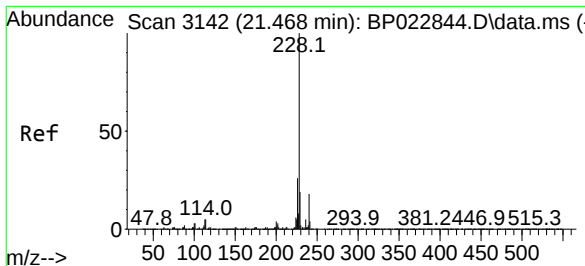
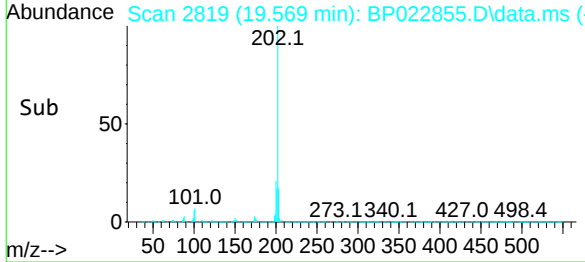
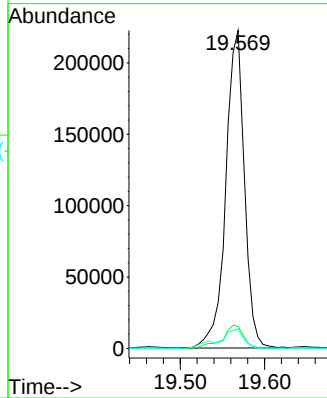
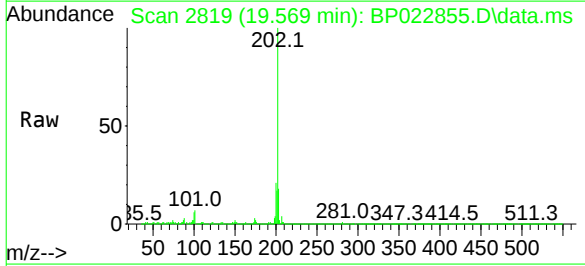
#82
Pyrene
Concen: 7.037 ng/u1
RT: 19.569 min Scan# 2820
Delta R.T. -0.006 min
Lab File: BP022855.D
Acq: 05 Nov 2024 10:33

Instrument :
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ClientSampleId :
A4EH4

Tgt Ion:	202	Resp:	340347
Ion	Ratio	Lower	Upper
202	100		
101	6.9	6.7	10.1
100	6.1	5.8	8.6

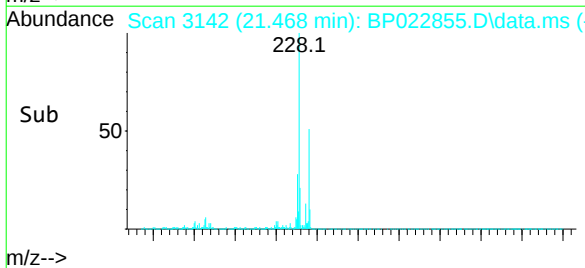
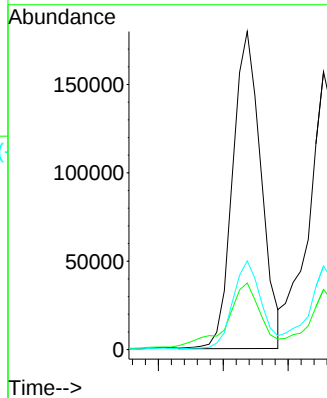
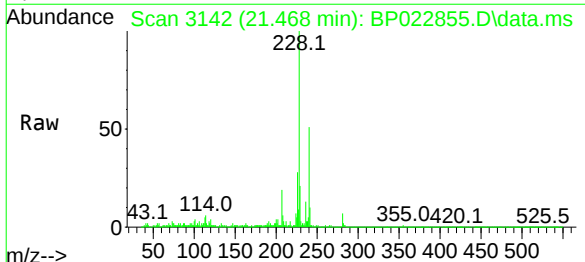
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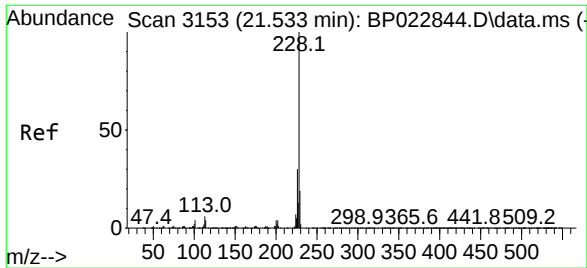
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#85
Benzo(a)anthracene
Concen: 5.243 ng/u1
RT: 21.468 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BP022855.D
Acq: 05 Nov 2024 10:33

Tgt Ion:	228	Resp:	272865
Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.0
226	27.9	21.5	32.3





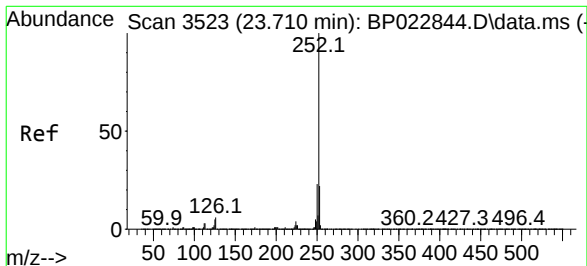
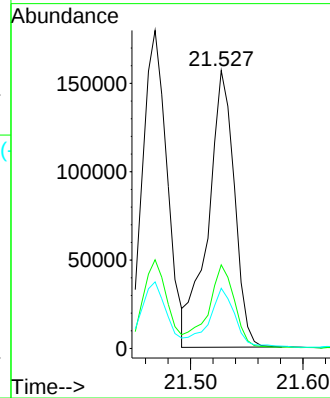
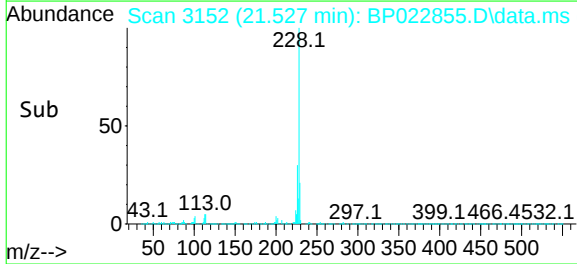
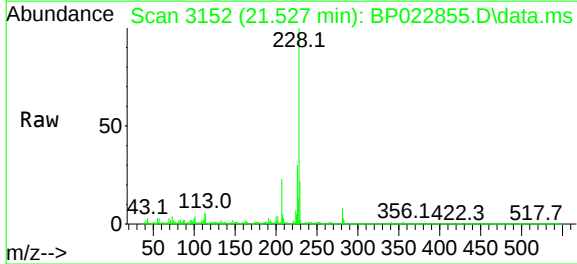
#87
Chrysene
Concen: 5.272 ng/u1
RT: 21.527 min Scan# 3152
Delta R.T. -0.024 min
Lab File: BP022855.D
Acq: 05 Nov 2024 10:33

Instrument :
BNA_P
ClientSampleId :
A4EH4

Tgt Ion:228 Resp: 254408
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 21.7 15.5 23.3

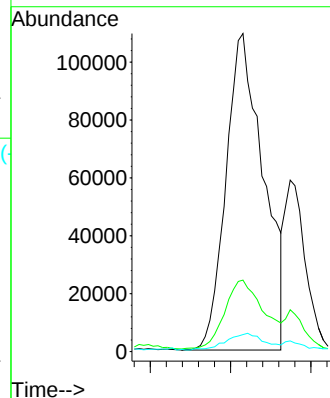
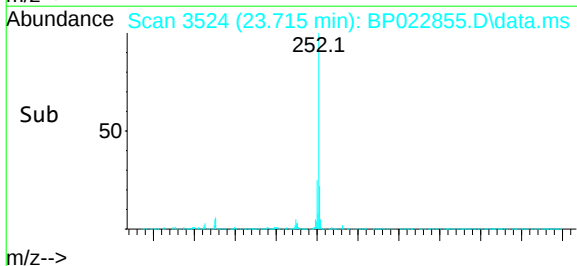
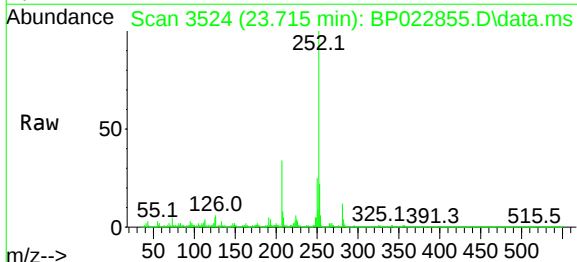
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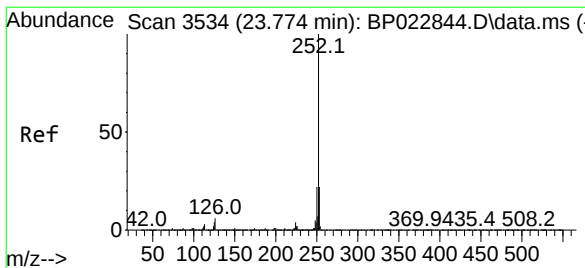
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#90
Benzo(b)fluoranthene
Concen: 6.245 ng/u1
RT: 23.715 min Scan# 3524
Delta R.T. -0.006 min
Lab File: BP022855.D
Acq: 05 Nov 2024 10:33

Tgt Ion:252 Resp: 355892
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 5.3 5.0 7.4





#91

Benzo(k)fluoranthene

Concen: 1.851 ng/u1

RT: 23.774 min Scan# 3534

Delta R.T. -0.018 min

Lab File: BP022855.D

Acq: 05 Nov 2024 10:33

Instrument :

BNA_P

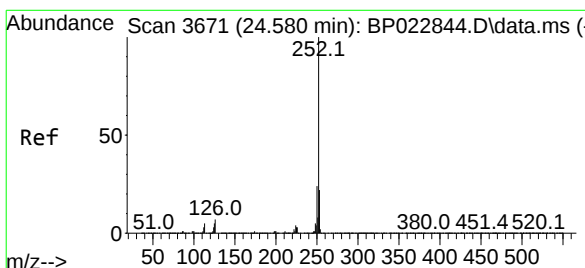
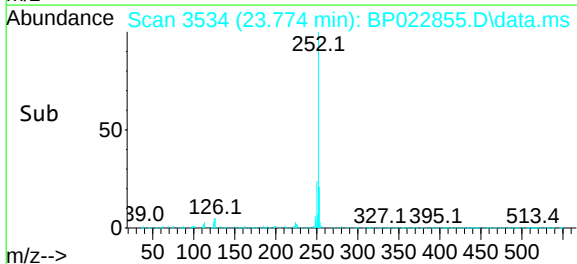
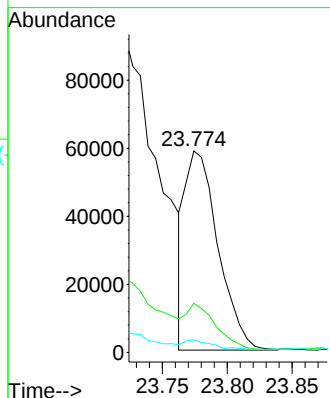
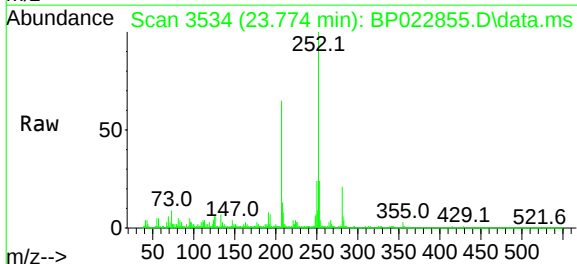
ClientSampleId :

A4EH4

Tgt Ion:	252	Resp:	103244
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.4	26.0
125	6.2	4.6	6.8

Manual Integrations
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Supervised By :mohammad ahmed 11/08/2024



#93

Benzo(a)pyrene

Concen: 1.816 ng/u1

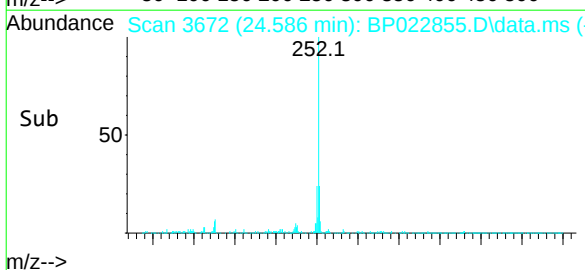
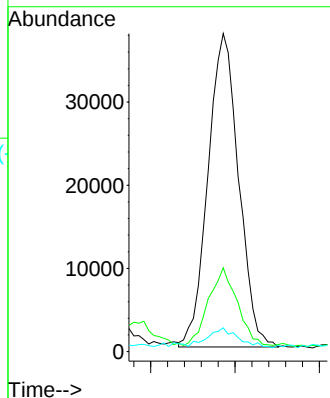
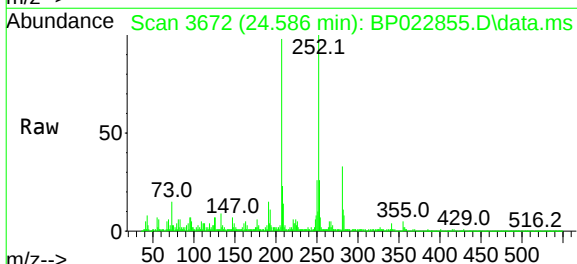
RT: 24.586 min Scan# 3672

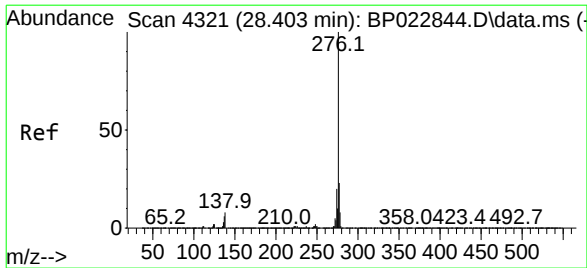
Delta R.T. -0.012 min

Lab File: BP022855.D

Acq: 05 Nov 2024 10:33

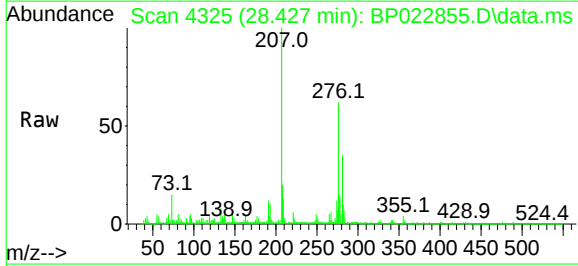
Tgt Ion:	252	Resp:	95245
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.7	26.5
125	7.5	4.9	7.3#





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.415 ng/ul
RT: 28.427 min Scan# 43
Delta R.T. -0.012 min
Lab File: BP022855.D
Acq: 05 Nov 2024 10:33

Instrument :
BNA_P
ClientSampleId :
A4EH4



Tgt Ion: 276 Resp: 99022
Ion Ratio Lower Upper
276 100
138 7.2 9.1 13.7#
277 24.3 18.6 27.8

Manual Integrations
APPROVED

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

