

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021113.D
 Acq On : 24 Jul 2024 01:08
 Operator : MA/JU
 Sample : P3215-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CJ7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 05:34:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 00:21:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	171829	20.000	ng/u1	0.00
20) Naphthalene-d8	10.434	136	706307	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	468297	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	1052764	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	987029	20.000	ng/u1	-0.02
88) Perylene-d12	24.874	264	1180697	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	14797	3.919	ng/uL	0.00
4) Pyridine-d5	3.611	84	218207	19.961	ng/u1	0.00
7) Phenol-d5	6.881	99	328125	23.423	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	182978	21.553	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	269593	23.358	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	271686	23.351	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	134313	24.483	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	157009	25.005	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	280662	24.719	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	337494	22.438	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	870548	25.572	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	1013478	26.513	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.604	143	140201m	28.946	ng/u1	0.01
60) Fluorene-d10	15.316	176	785204	28.115	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.481	200	66255	10.401	ng/u1	0.00
73) Anthracene-d10	17.222	188	1264711	27.048	ng/u1	0.00
81) Pyrene-d10	19.604	212	1515755	24.839	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.651	264	1601976	27.510	ng/u1	-0.03
Target Compounds						
					Qvalue	
72) Phenanthrene	17.163	178	157364	2.881	ng/u1	98
80) Fluoranthene	19.251	202	286529	3.888	ng/u1	99
82) Pyrene	19.633	202	292813	3.905	ng/u1	100
85) Benzo(a)anthracene	21.539	228	149944	2.169	ng/u1#	94
86) Bis(2-ethylhexyl)phtha...	21.457	149	86536	1.925	ng/u1#	93
87) Chrysene	21.604	228	156028	2.429	ng/u1#	93
90) Benzo(b)fluoranthene	23.827	252	189561	2.646	ng/u1#	86
91) Benzo(k)fluoranthene	23.886	252	79326	1.109	ng/u1#	80
93) Benzo(a)pyrene	24.721	252	147741	2.182	ng/u1#	85
94) Indeno(1,2,3-cd)pyrene	28.639	276	112087m	1.285	ng/u1	
96) Benzo(g,h,i)perylene	29.833	276	111521m	1.569	ng/u1	

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

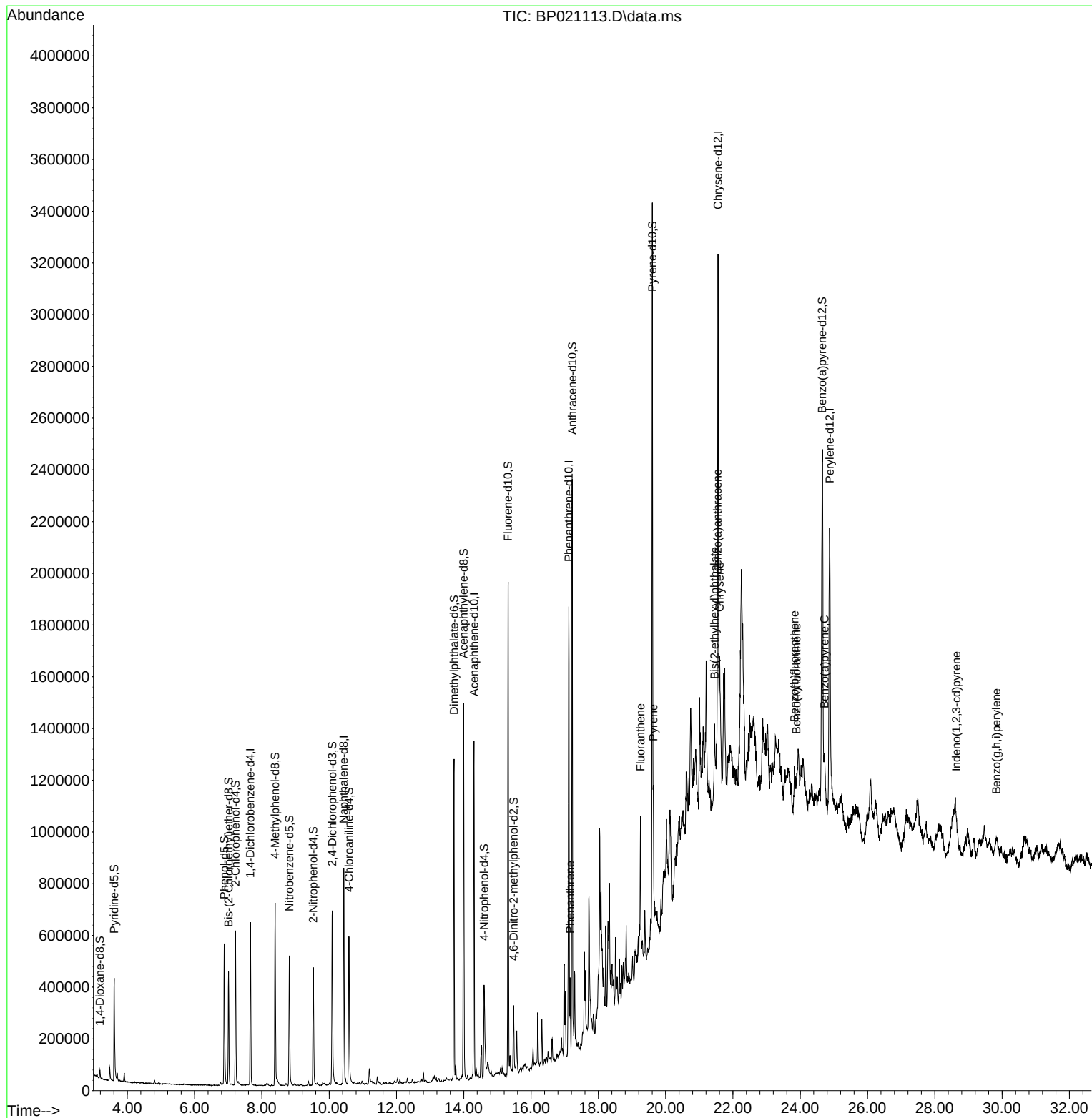
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021113.D
Acq On : 24 Jul 2024 01:08
Operator : MA/JU
Sample : P3215-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

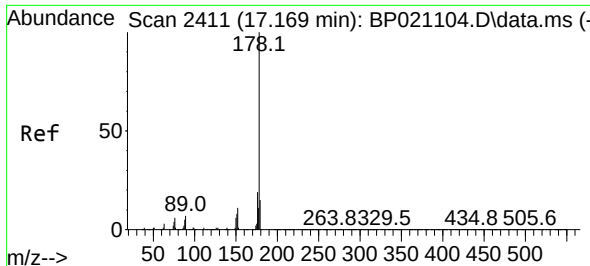
Instrument :
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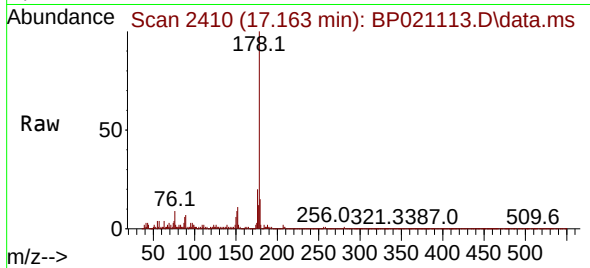
Quant Time: Jul 24 05:34:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 00:21:57 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.881 ng/ul
RT: 17.163 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP021113.D
Acq: 24 Jul 2024 01:08

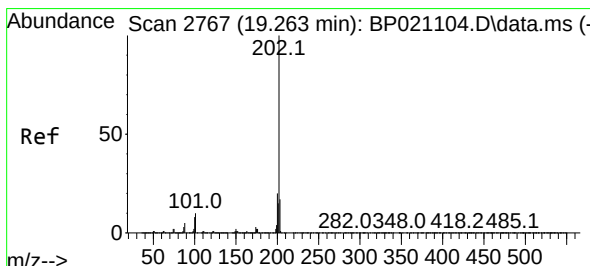
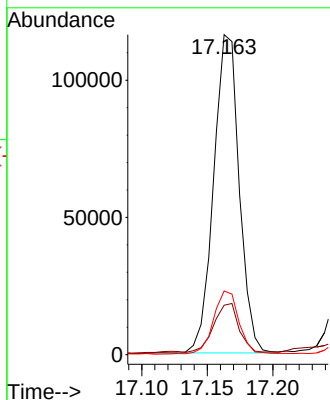
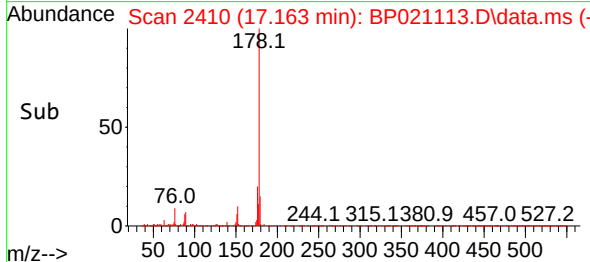
Instrument :
BNA_P
ClientSampleId :
A4CJ7



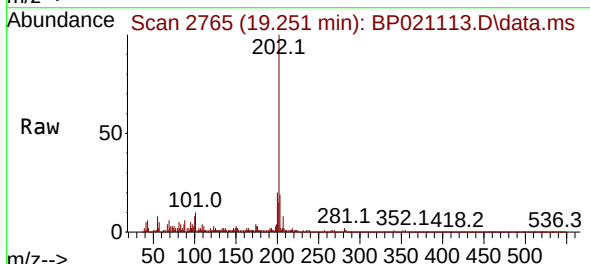
Tgt Ion:178 Resp: 157364
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 19.9 15.0 22.4

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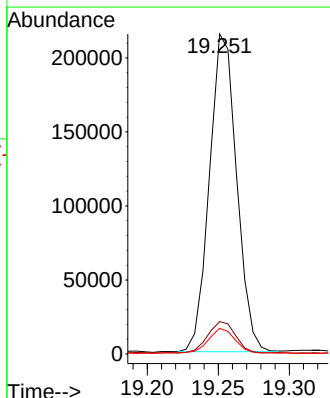
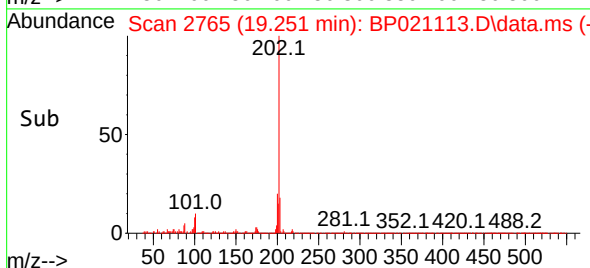
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

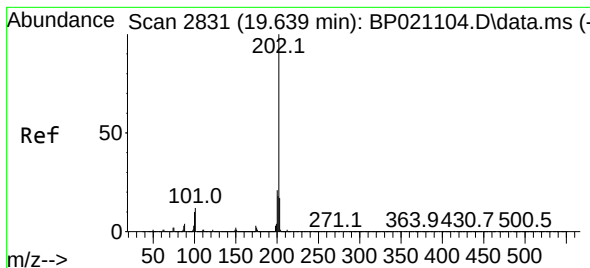


#80
Fluoranthene
Concen: 3.888 ng/ul
RT: 19.251 min Scan# 2765
Delta R.T. -0.012 min
Lab File: BP021113.D
Acq: 24 Jul 2024 01:08



Tgt Ion:202 Resp: 286529
Ion Ratio Lower Upper
202 100
101 10.1 8.0 12.0
100 8.0 6.1 9.1





#82

Pyrene

Concen: 3.905 ng/ul

RT: 19.633 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021113.D

Acq: 24 Jul 2024 01:08

Instrument :

BNA_P

ClientSampleId :

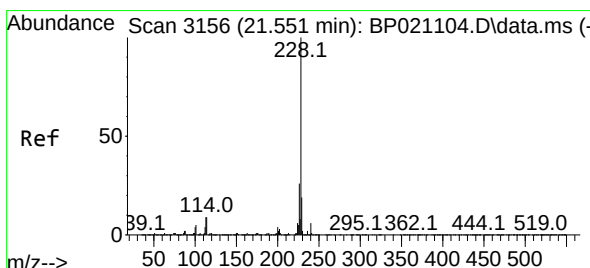
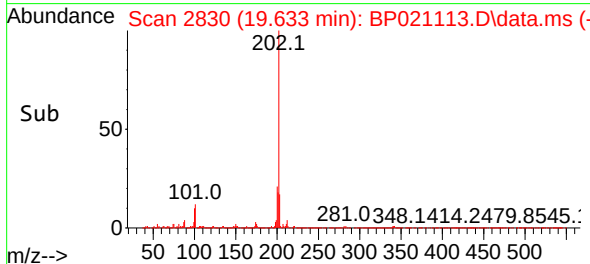
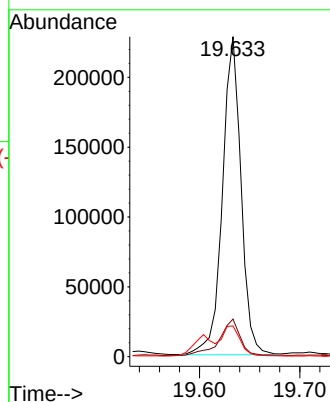
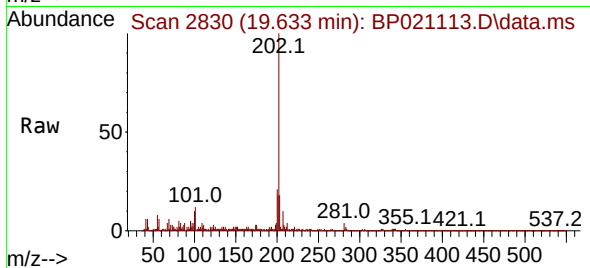
A4CJ7

Tgt Ion:	202	Resp:	29281
Ion Ratio	Lower	Upper	
202	100		
101	11.8	9.4	14.2
100	9.6	7.8	11.6

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#85

Benzo(a)anthracene

Concen: 2.169 ng/ul

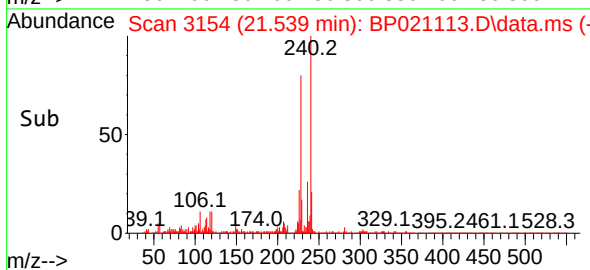
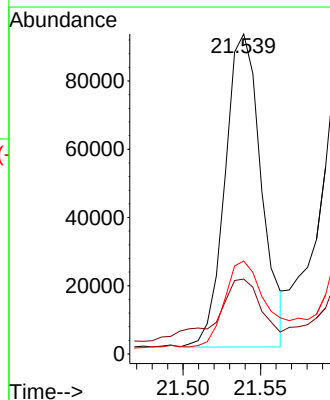
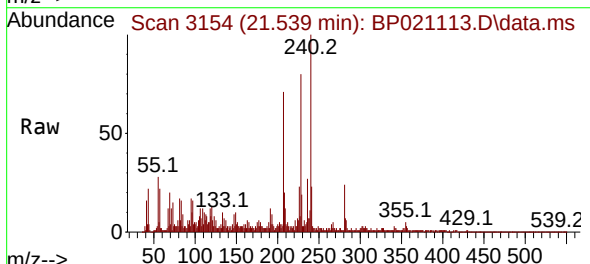
RT: 21.539 min Scan# 3154

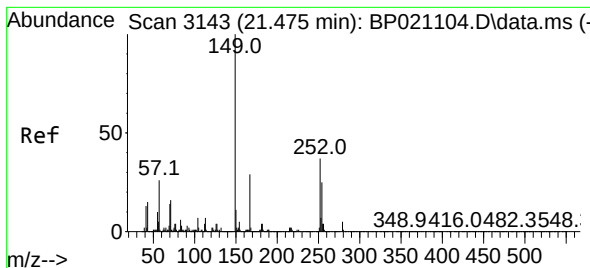
Delta R.T. -0.012 min

Lab File: BP021113.D

Acq: 24 Jul 2024 01:08

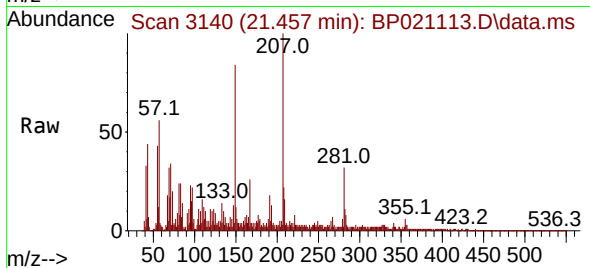
Tgt Ion:	228	Resp:	149944
Ion Ratio	Lower	Upper	
228	100		
229	23.4	15.5	23.3
226	29.1	21.4	32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.925 ng/ul
RT: 21.457 min Scan# 3140
Delta R.T. -0.018 min
Lab File: BP021113.D
Acq: 24 Jul 2024 01:08

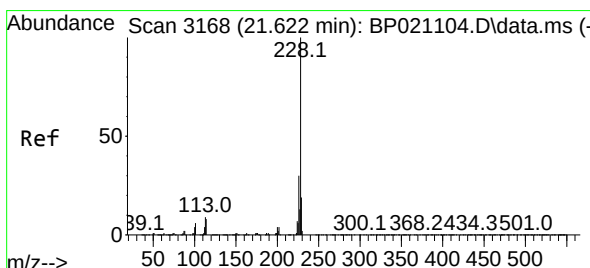
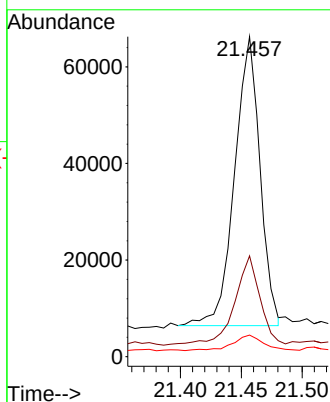
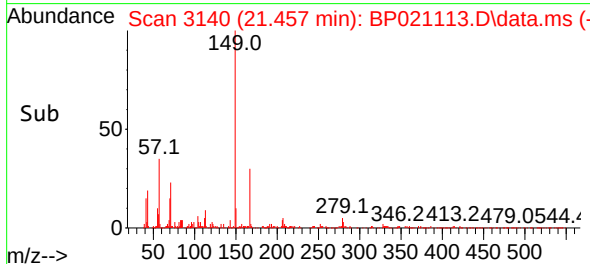
Instrument :
BNA_P
ClientSampleId :
A4CJ7



Tgt Ion:149 Resp: 86530
Ion Ratio Lower Upper
149 100
167 31.5 22.1 33.1
279 6.7 3.7 5.5

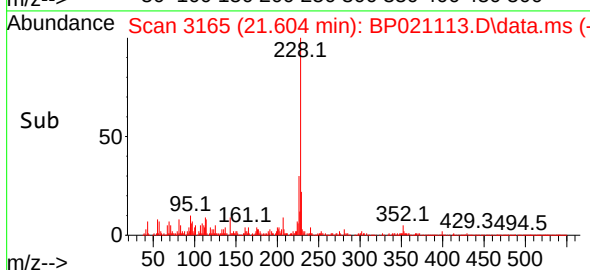
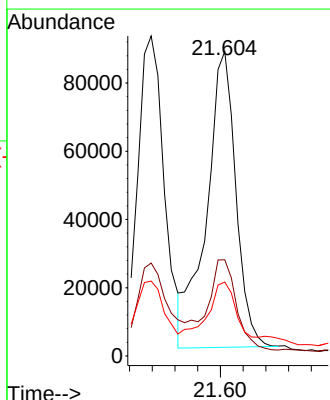
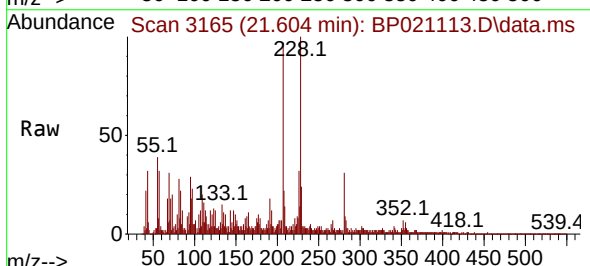
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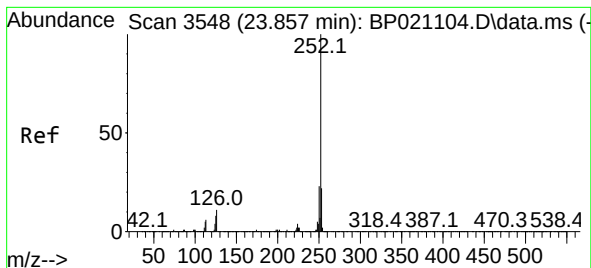
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#87
Chrysene
Concen: 2.429 ng/ul
RT: 21.604 min Scan# 3165
Delta R.T. -0.018 min
Lab File: BP021113.D
Acq: 24 Jul 2024 01:08

Tgt Ion:228 Resp: 156028
Ion Ratio Lower Upper
228 100
226 31.6 23.6 35.4
229 24.3 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 2.646 ng/ul

RT: 23.827 min Scan# 3543

Delta R.T. -0.030 min

Lab File: BP021113.D

Acq: 24 Jul 2024 01:08

Instrument :

BNA_P

ClientSampleId :

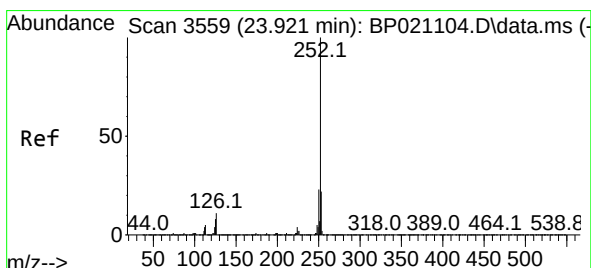
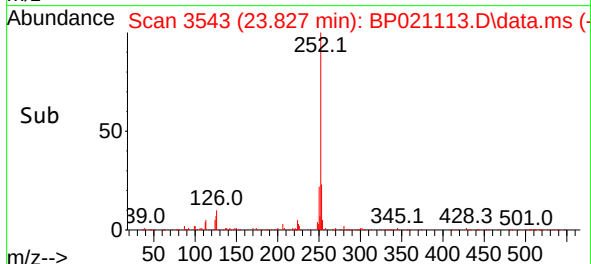
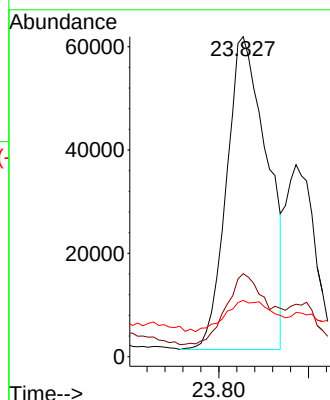
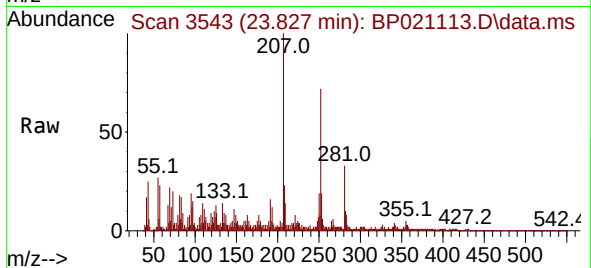
A4CJ7

Tgt Ion:252 Resp: 18956
 Ion Ratio Lower Upper
 252 100
 253 25.9 17.1 25.7
 125 17.6 7.0 10.4

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 1.109 ng/ul

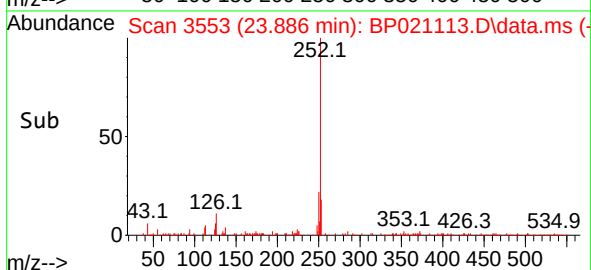
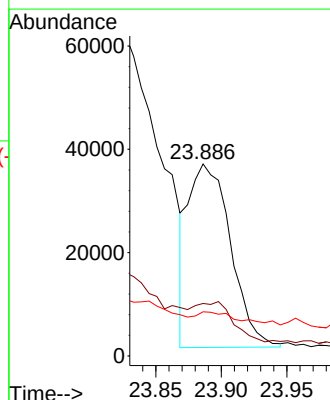
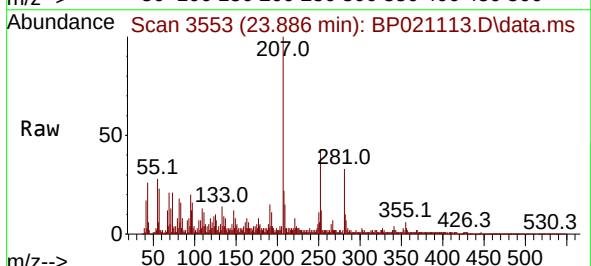
RT: 23.886 min Scan# 3553

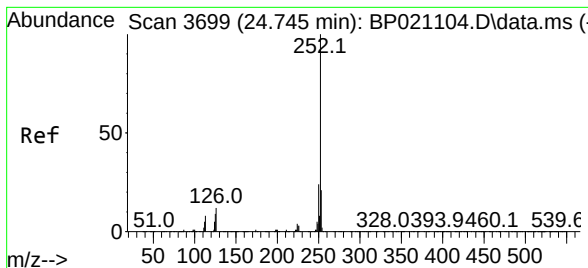
Delta R.T. -0.035 min

Lab File: BP021113.D

Acq: 24 Jul 2024 01:08

Tgt Ion:252 Resp: 79326
 Ion Ratio Lower Upper
 252 100
 253 27.4 17.4 26.2#
 125 23.0 7.4 11.0#





#93

Benzo(a)pyrene

Concen: 2.182 ng/ul

RT: 24.721 min Scan# 3695

Delta R.T. -0.024 min

Lab File: BP021113.D

Acq: 24 Jul 2024 01:08

Instrument :

BNA_P

ClientSampleId :

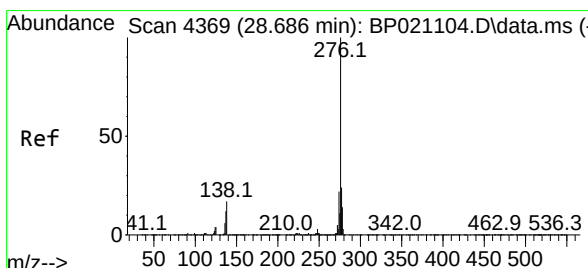
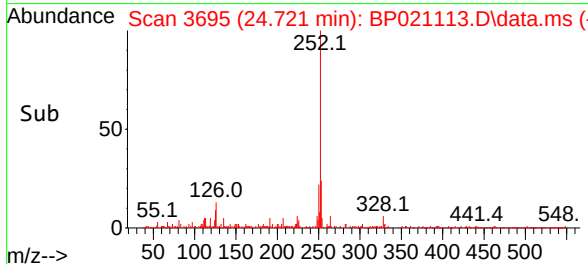
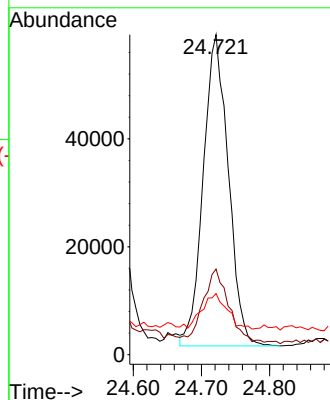
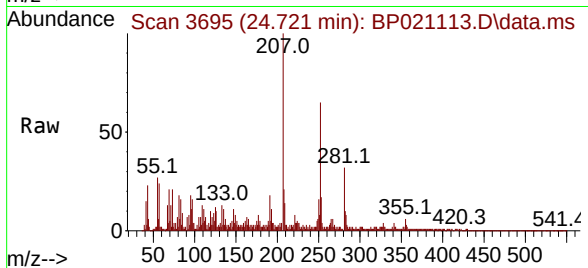
A4CJ7

Tgt Ion:	252	Resp:	14774
Ion Ratio	Lower	Upper	
252	100		
253	26.8	17.4	26.0
125	19.1	7.7	11.5

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.285 ng/ul m

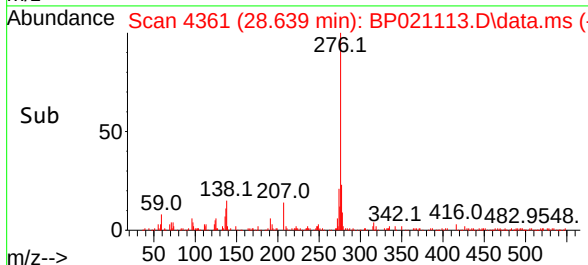
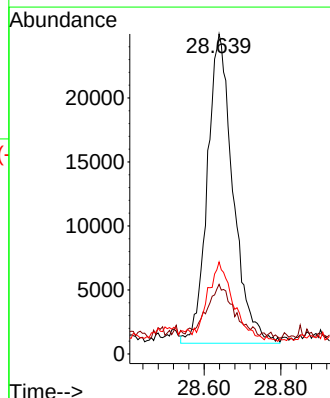
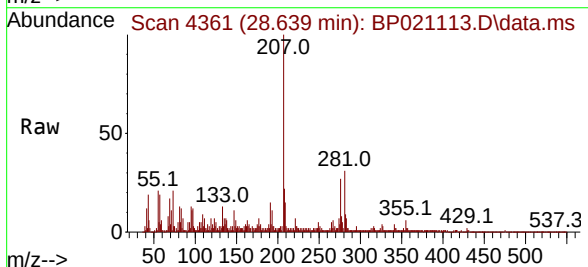
RT: 28.639 min Scan# 4361

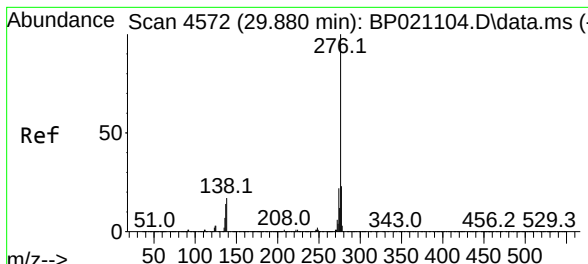
Delta R.T. -0.047 min

Lab File: BP021113.D

Acq: 24 Jul 2024 01:08

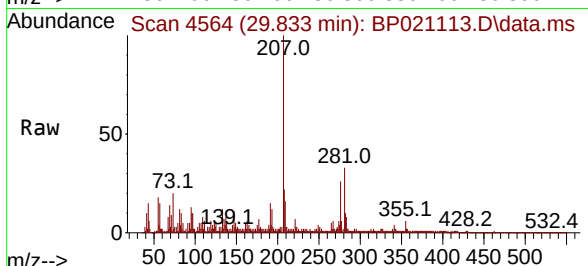
Tgt Ion:	276	Resp:	112087
Ion Ratio	Lower	Upper	
276	100		
138	21.7	14.3	21.5
277	28.7	19.2	28.8





#96
 Benzo(g,h,i)perylene
 Concen: 1.569 ng/ul m
 RT: 29.833 min Scan# 4564
 Delta R.T. -0.047 min
 Lab File: BP021113.D
 Acq: 24 Jul 2024 01:08

Instrument :
 BNA_P
 ClientSampleId :
 A4CJ7



Tgt Ion: 276 Resp: 11152
 Ion Ratio Lower Upper
 276 100
 138 24.7 15.3 22.9
 277 25.1 18.2 27.2

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