

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101124\
 Data File : BP022338.D
 Acq On : 11 Oct 2024 17:31
 Operator : RC/JU
 Sample : P4237-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EQ7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 12 01:35:46 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	7.699	152	96302	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	372177	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	292323	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	702230	20.000	ng/u1	0.01
79) Chrysene-d12	21.557	240	780512	20.000	ng/u1	0.02
88) Perylene-d12	24.851	264	958964	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	4462	1.801	ng/uL	0.00
4) Pyridine-d5	3.652	84	6375m	0.937	ng/u1	0.02
7) Phenol-d5	6.893	99	75757	9.345	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	50978	10.700	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	65899	11.457	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	53918	8.334	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	32734	11.439	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	38704	11.682	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	78952	11.212	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	58601	7.043	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	263998	11.367	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	291695	11.825	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	27848m	7.147	ng/u1	0.00
60) Fluorene-d10	15.328	176	244444	12.134	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.457	200	37545	8.129	ng/u1	0.00
73) Anthracene-d10	17.222	188	408816	12.375	ng/u1	0.00
81) Pyrene-d10	19.592	212	492403	11.930	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.615	264	467533	9.129	ng/u1	0.02
Target Compounds					Qvalue	
72) Phenanthrene	17.169	178	227855	6.065	ng/u1	99
74) Anthracene	17.251	178	48590	1.296	ng/u1	97
80) Fluoranthene	19.251	202	518529	10.928	ng/u1	99
82) Pyrene	19.627	202	402998	7.924	ng/u1	97
85) Benzo(a)anthracene	21.539	228	250831	4.584	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.468	149	85943	3.381	ng/u1	99
87) Chrysene	21.604	228	273534	5.391	ng/u1	97
90) Benzo(b)fluoranthene	23.804	252	395526	6.552	ng/u1	96
91) Benzo(k)fluoranthene	23.862	252	126246	2.136	ng/u1	96
93) Benzo(a)pyrene	24.686	252	176550	3.178	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.586	276	165058	2.226	ng/u1	99

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

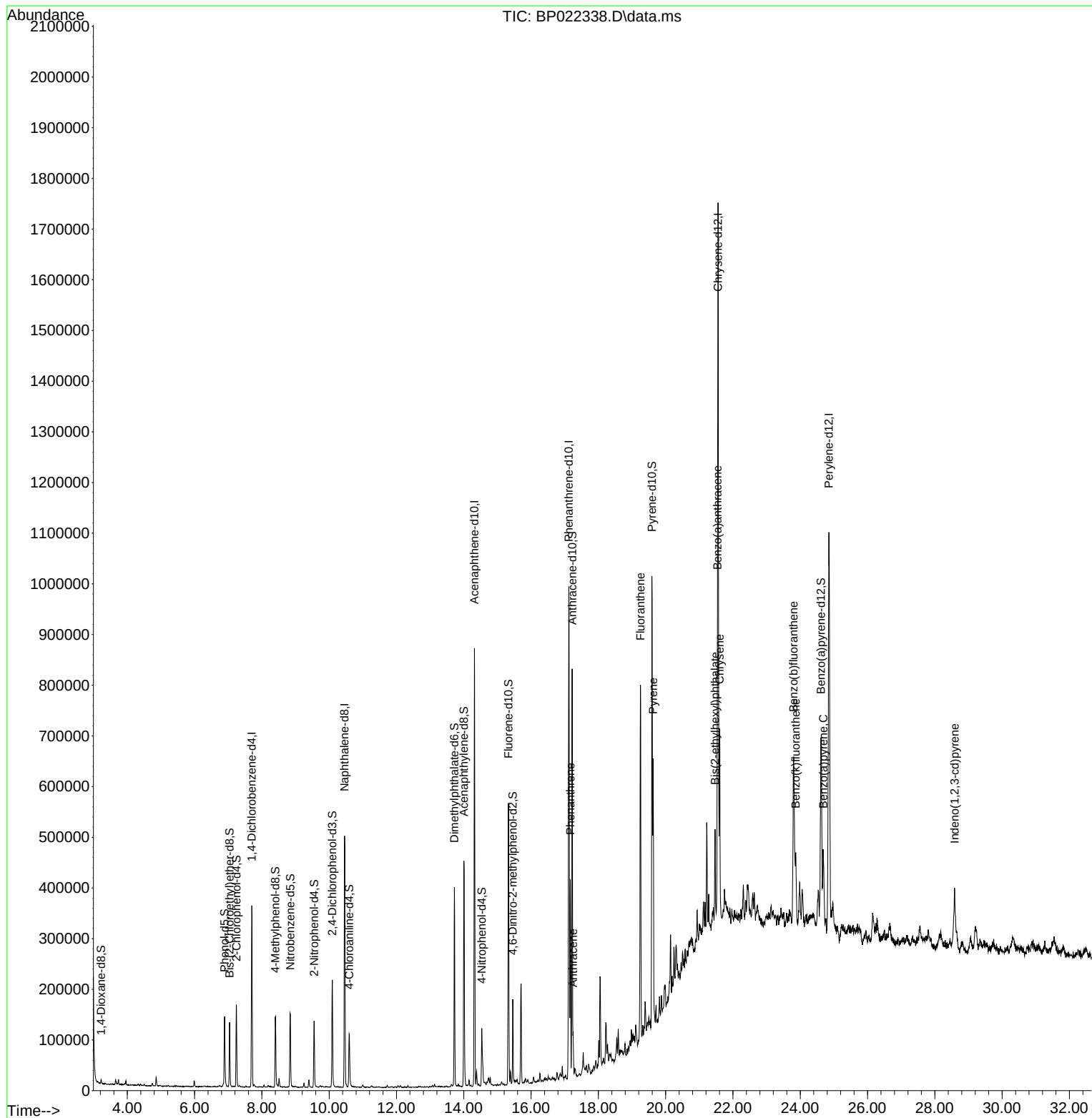
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101124\
Data File : BP022338.D
Acq On : 11 Oct 2024 17:31
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ALS Vial : 10 Sample Multiplier: 1

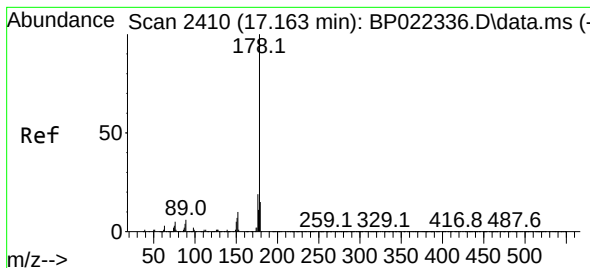
Instrument :
BNA_P
ClientSampleId :
A4EQ7

Quant Time: Oct 12 01:35:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
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#72

Phenanthrene

Concen: 6.065 ng/u1

RT: 17.169 min Scan# 2410

Delta R.T. 0.012 min

Lab File: BP022338.D

Acq: 11 Oct 2024 17:31

Instrument :

BNA_P

ClientSampleId :

A4EQ7

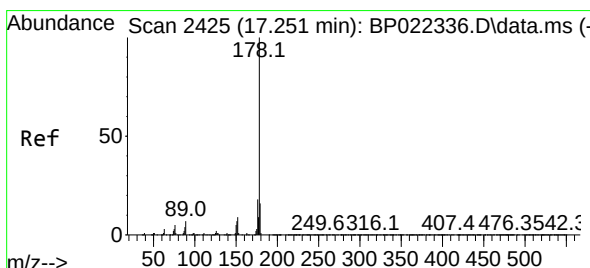
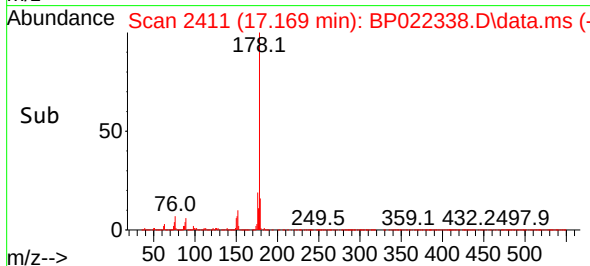
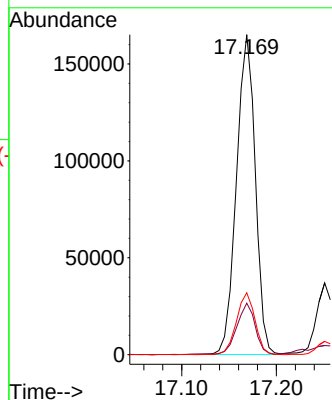
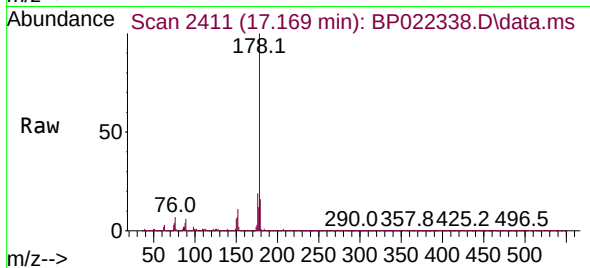
Tgt Ion:178 Resp: 22785

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.4
176	19.4	15.7	23.5

Manual Integrations

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#74

Anthracene

Concen: 1.296 ng/u1

RT: 17.251 min Scan# 2425

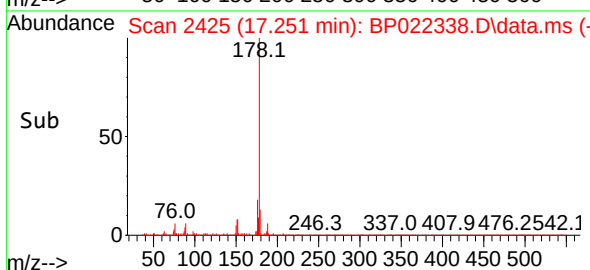
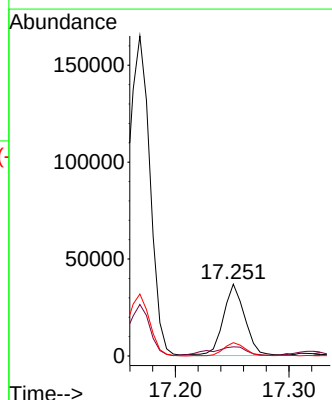
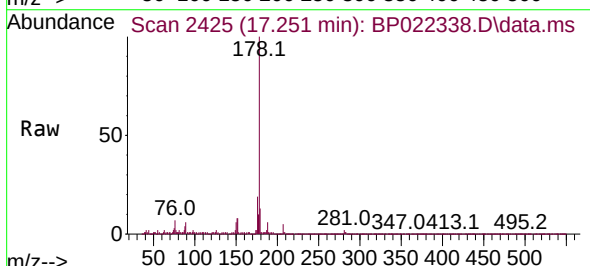
Delta R.T. -0.000 min

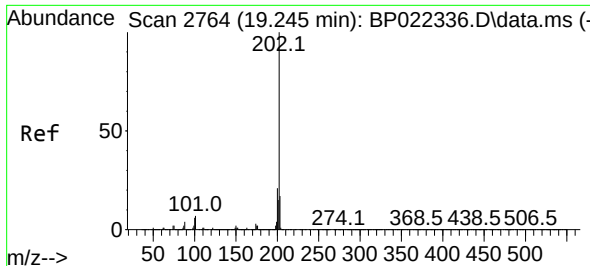
Lab File: BP022338.D

Acq: 11 Oct 2024 17:31

Tgt Ion:178 Resp: 48590

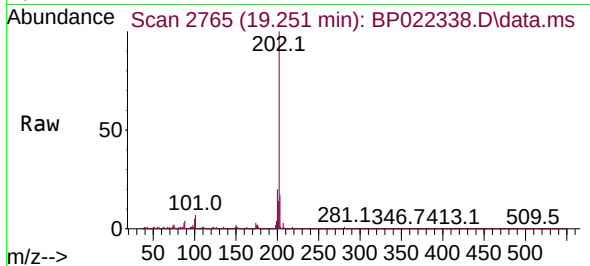
Ion	Ratio	Lower	Upper
178	100		
179	12.8	12.0	18.0
176	18.5	15.0	22.4





#80
Fluoranthene
Concen: 10.928 ng/ul
RT: 19.251 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP022338.D
Acq: 11 Oct 2024 17:31

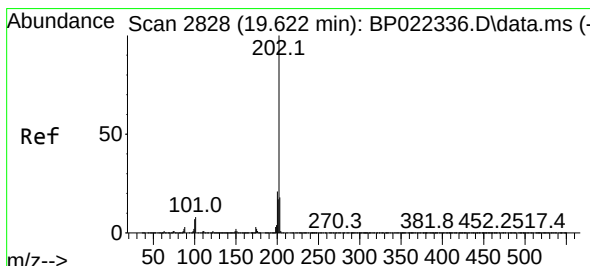
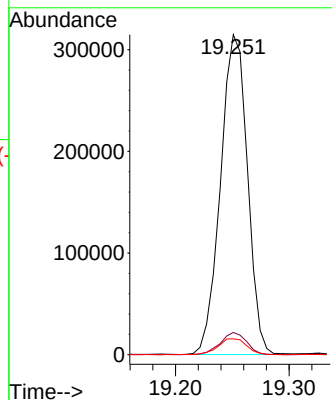
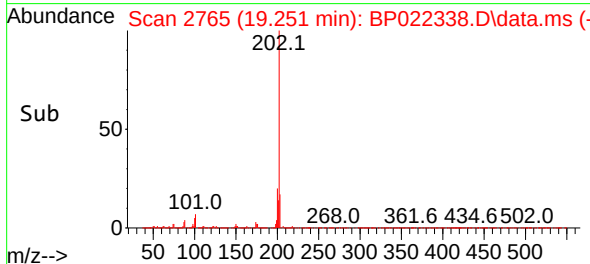
Instrument :
BNA_P
ClientSampleId :
A4EQ7



Tgt Ion:202 Resp: 518529
Ion Ratio Lower Upper
202 100
101 6.9 5.8 8.8
100 5.0 4.5 6.7

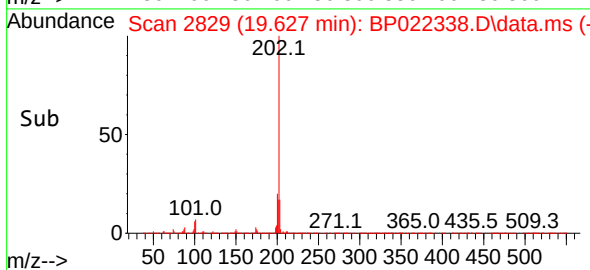
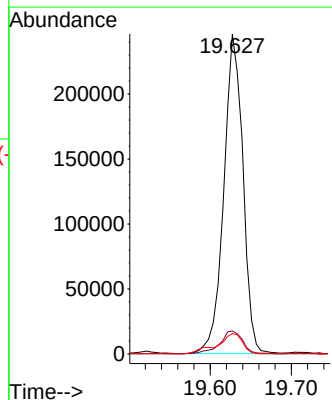
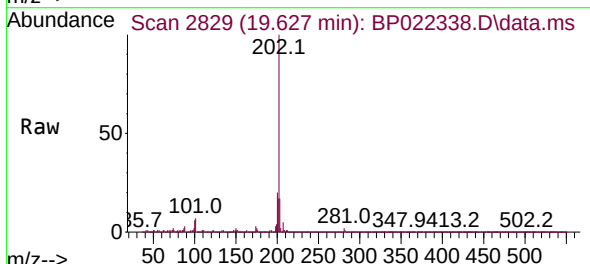
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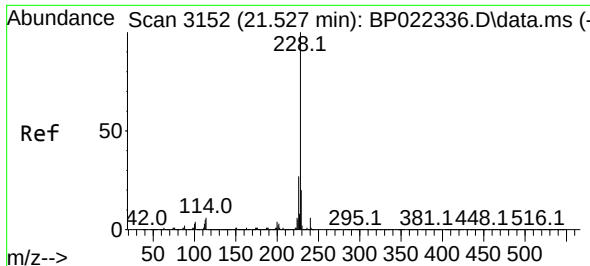
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#82
Pyrene
Concen: 7.924 ng/ul
RT: 19.627 min Scan# 2829
Delta R.T. 0.006 min
Lab File: BP022338.D
Acq: 11 Oct 2024 17:31

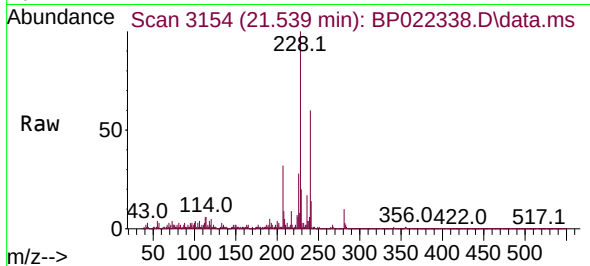
Tgt Ion:202 Resp: 402998
Ion Ratio Lower Upper
202 100
101 7.2 6.7 10.1
100 6.4 5.8 8.6





#85
Benzo(a)anthracene
Concen: 4.584 ng/ul
RT: 21.539 min Scan# 3154
Delta R.T. 0.017 min
Lab File: BP022338.D
Acq: 11 Oct 2024 17:31

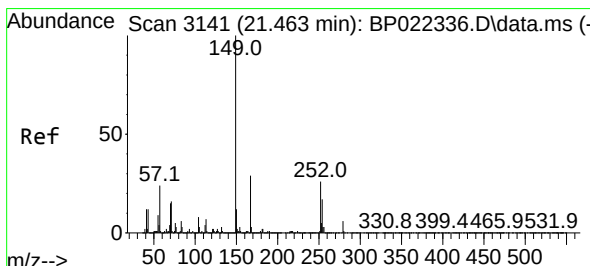
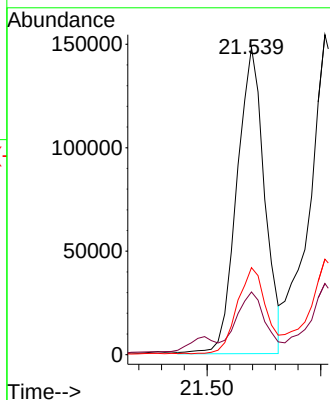
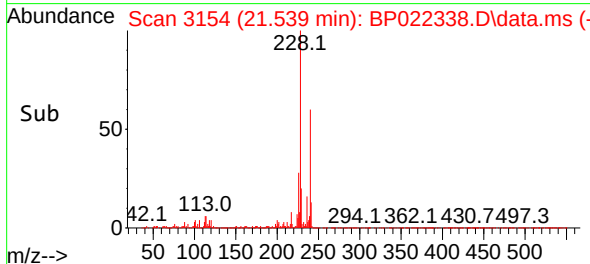
Instrument :
BNA_P
ClientSampleId :
A4EQ7



Tgt Ion:228 Resp: 25083
Ion Ratio Lower Upper
228 100
229 20.4 15.4 23.0
226 28.3 21.5 32.3

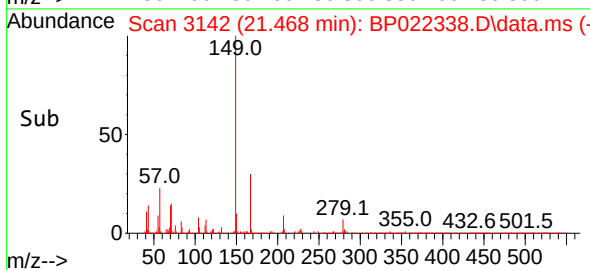
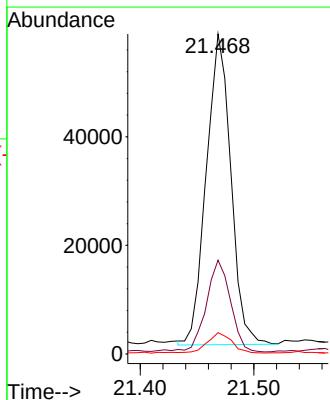
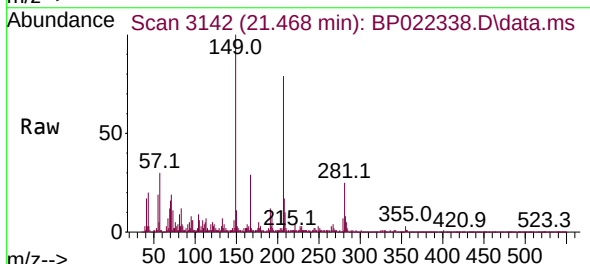
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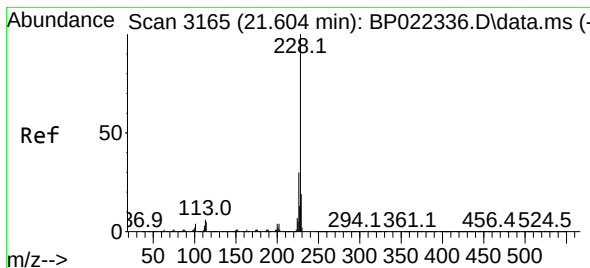
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.381 ng/ul
RT: 21.468 min Scan# 3142
Delta R.T. 0.006 min
Lab File: BP022338.D
Acq: 11 Oct 2024 17:31

Tgt Ion:149 Resp: 85943
Ion Ratio Lower Upper
149 100
167 29.3 23.0 34.4
279 6.7 4.8 7.2





#87

Chrysene

Concen: 5.391 ng/ul

RT: 21.604 min Scan# 3165

Delta R.T. 0.012 min

Lab File: BP022338.D

Acq: 11 Oct 2024 17:31

Instrument :

BNA_P

ClientSampleId :

A4EQ7

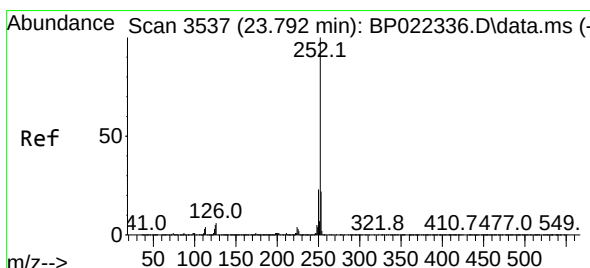
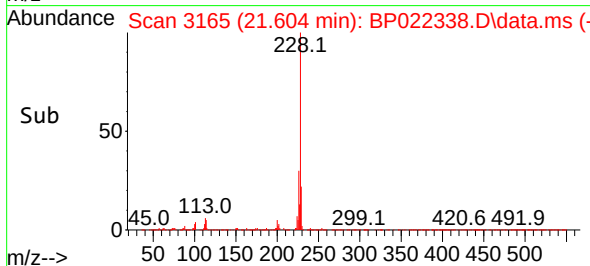
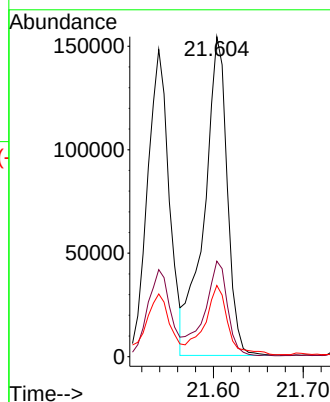
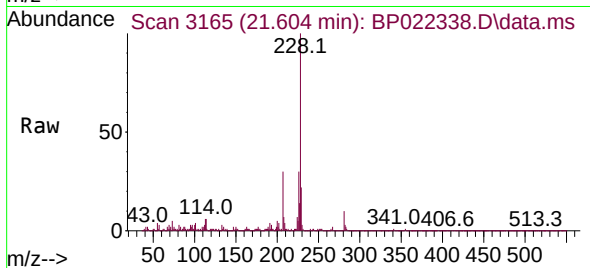
Tgt Ion:228 Resp: 273534

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.8
229	22.3	15.5	23.3

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#90

Benzo(b)fluoranthene

Concen: 6.552 ng/ul

RT: 23.804 min Scan# 3539

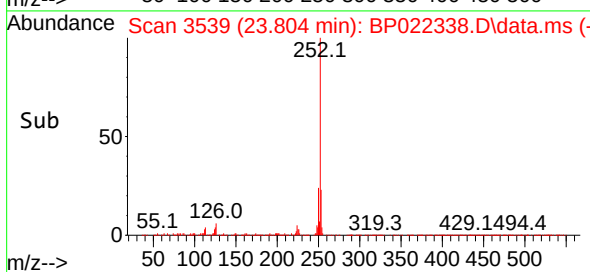
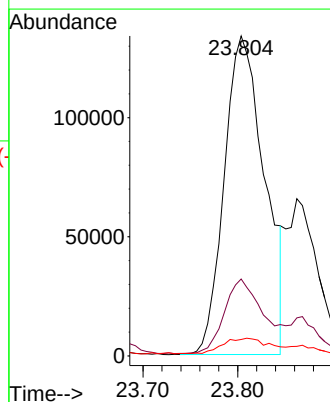
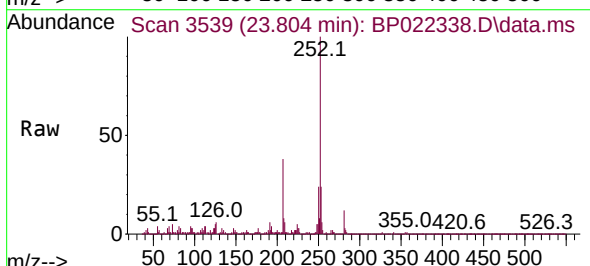
Delta R.T. 0.017 min

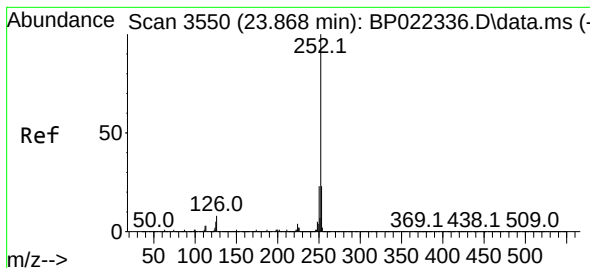
Lab File: BP022338.D

Acq: 11 Oct 2024 17:31

Tgt Ion:252 Resp: 395526

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	5.2	5.0	7.4





#91

Benzo(k)fluoranthene

Concen: 2.136 ng/u1

RT: 23.862 min Scan# 3550

Delta R.T. 0.006 min

Lab File: BP022338.D

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A4EQ7

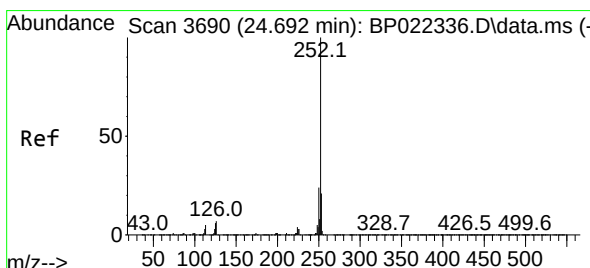
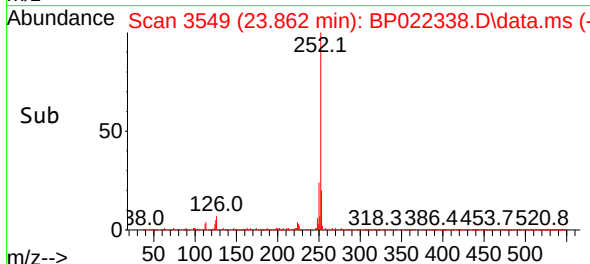
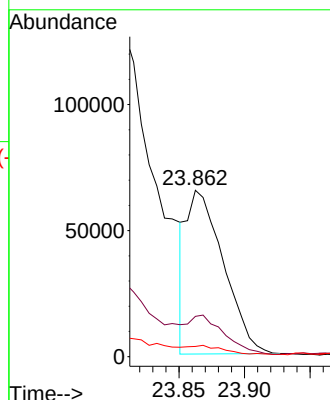
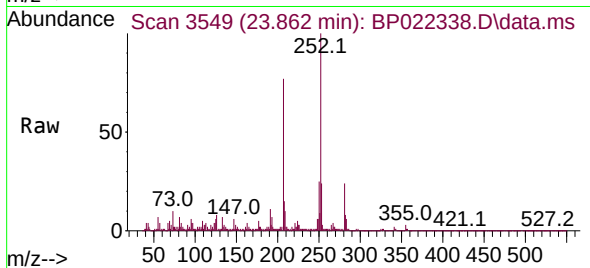
Tgt Ion:252 Resp: 126240

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	6.1	4.6	6.8

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 3.178 ng/u1

RT: 24.686 min Scan# 3689

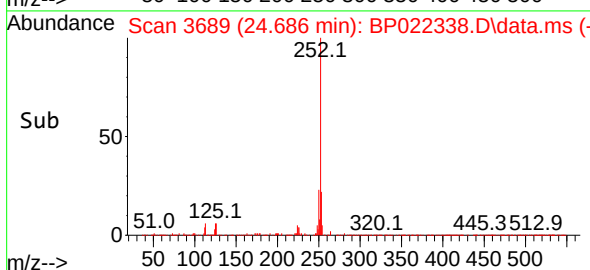
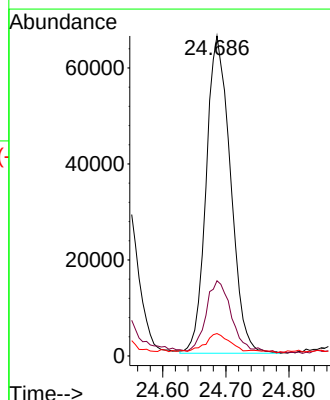
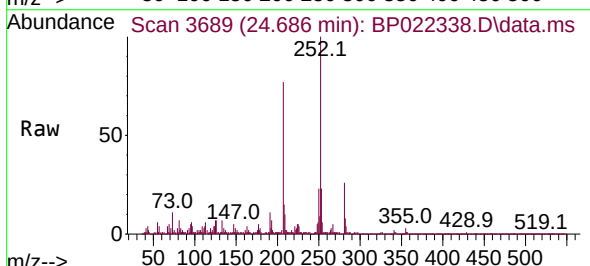
Delta R.T. 0.012 min

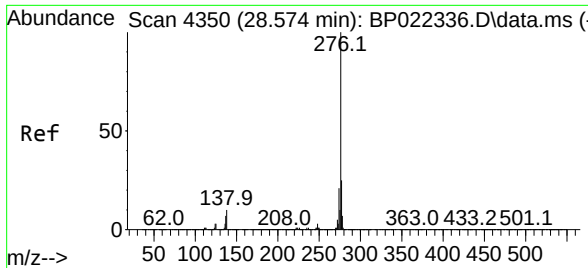
Lab File: BP022338.D

Acq: 11 Oct 2024 17:31

Tgt Ion:252 Resp: 176550

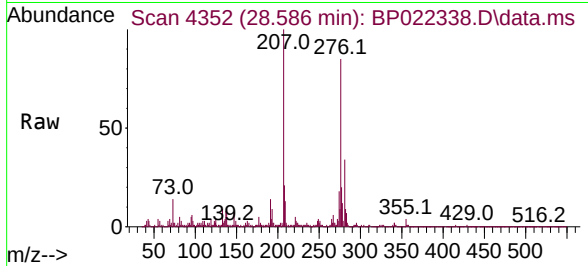
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	7.0	4.9	7.3





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.226 ng/ul
 RT: 28.586 min Scan# 41
 Delta R.T. 0.023 min
 Lab File: BP022338.D
 Acq: 11 Oct 2024 17:31

Instrument :
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Tgt Ion: 276 Resp: 165058
 Ion Ratio Lower Upper
 276 100
 138 10.3 9.1 13.7
 277 23.3 18.6 27.8

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