

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
 Data File : BP022295.D
 Acq On : 09 Oct 2024 18:24
 Operator : RC/JU
 Sample : P4162-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EJ1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 09 18:52:51 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	7.705	152	136613	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	543976	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	425856	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	1009383	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	965504	20.000	ng/u1	0.01
88) Perylene-d12	24.857	264	1174447	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	9786	2.784	ng/uL	0.00
4) Pyridine-d5	3.640	84	134338	13.920	ng/u1	0.00
7) Phenol-d5	6.893	99	240981	20.955	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	131285	19.424	ng/u1	0.00
11) 2-Chlorophenol-d4	7.252	132	181134	22.198	ng/u1	0.00
15) 4-Methylphenol-d8	8.410	113	191627	20.881	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	89775	21.464	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	112665	23.266	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	233676	22.705	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	221360	18.202	ng/u1	0.01
46) Dimethylphthalate-d6	13.728	166	792525	23.423	ng/u1	0.01
49) Acenaphthylene-d8	14.010	160	861742	23.979	ng/u1	0.01
54) 4-Nitrophenol-d4	14.540	143	110779	19.516	ng/u1	0.01
60) Fluorene-d10	15.316	176	727215	24.779	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	89015	13.409	ng/u1	0.00
73) Anthracene-d10	17.216	188	1259311	26.521	ng/u1	0.00
81) Pyrene-d10	19.592	212	1478838	28.964	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.633	264	1673768	26.686	ng/u1	0.04
Target Compounds					Qvalue	
72) Phenanthrene	17.157	178	143857	2.664	ng/u1	99
80) Fluoranthene	19.251	202	270941	4.616	ng/u1	98
82) Pyrene	19.622	202	265969	4.228	ng/u1	100
85) Benzo(a)anthracene	21.533	228	144458	2.134	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.463	149	34986	1.113	ng/u1	93
87) Chrysene	21.598	228	147409	2.349	ng/u1	95
90) Benzo(b)fluoranthene	23.798	252	205718m	2.783	ng/u1	
93) Benzo(a)pyrene	24.692	252	147229	2.164	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	28.580	276	107248	1.181	ng/u1	93
96) Benzo(g,h,i)perylene	29.733	276	107339	1.520	ng/u1#	90

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

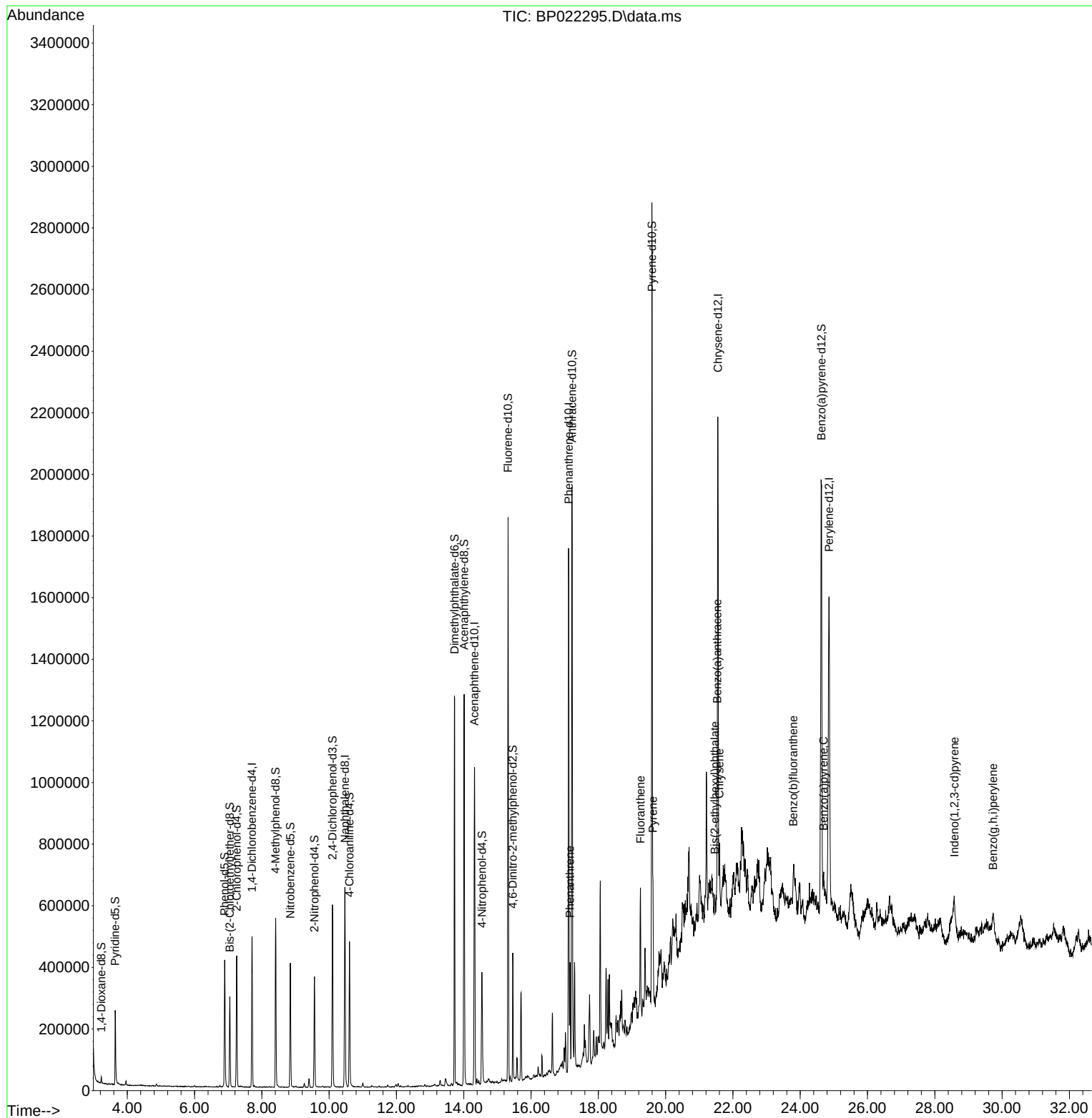
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022295.D
Acq On : 09 Oct 2024 18:24
Operator : RC/JU
Sample : P4162-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

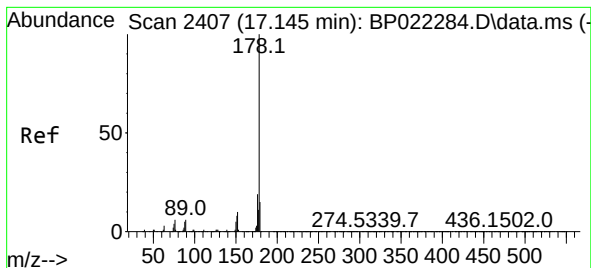
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 02:14:47 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 2.664 ng/ul

RT: 17.157 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BP022295.D

Acq: 09 Oct 2024 18:24

Instrument :

BNA_P

ClientSampleId :

A4EJ1

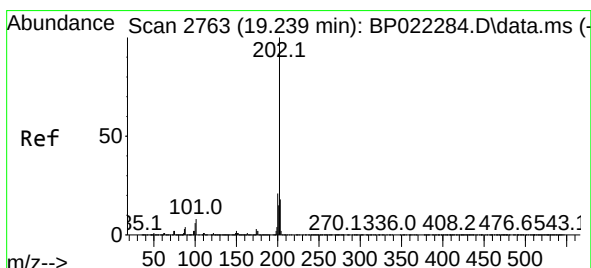
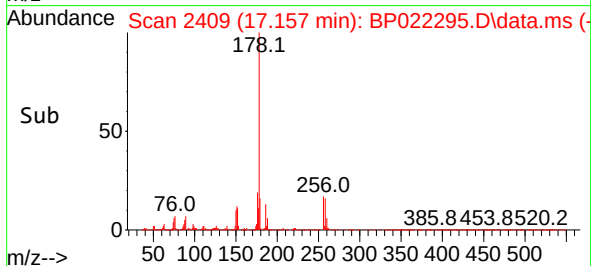
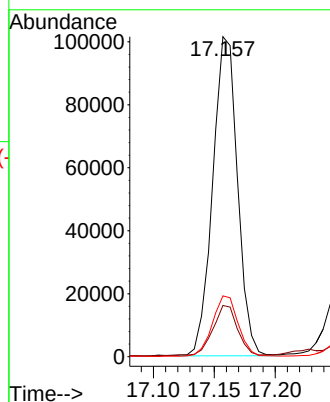
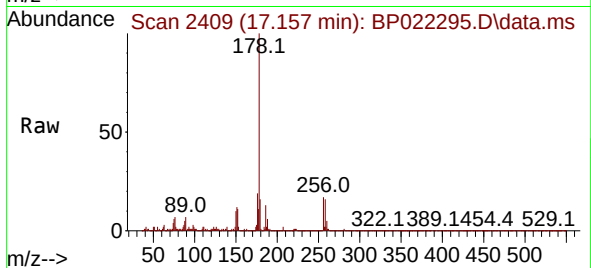
Tgt Ion:178	Resp: 14385
Ion Ratio	Lower Upper
178 100	
179 16.0	12.2 18.4
176 19.0	15.7 23.5

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#80

Fluoranthene

Concen: 4.616 ng/ul

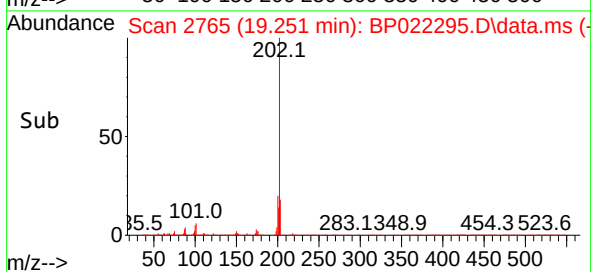
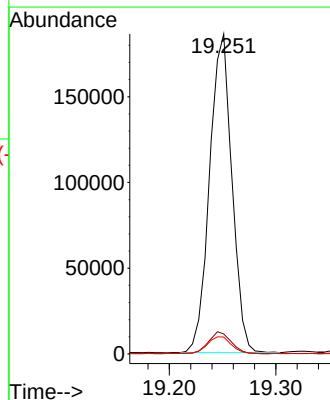
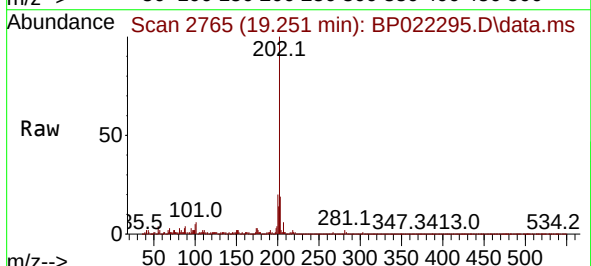
RT: 19.251 min Scan# 2765

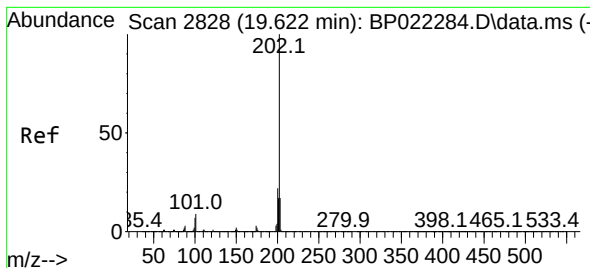
Delta R.T. 0.006 min

Lab File: BP022295.D

Acq: 09 Oct 2024 18:24

Tgt Ion:202	Resp: 270941
Ion Ratio	Lower Upper
202 100	
101 6.3	5.8 8.8
100 5.3	4.5 6.7





#82

Pyrene

Concen: 4.228 ng/ul

RT: 19.622 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP022295.D

Acq: 09 Oct 2024 18:24

Instrument :

BNA_P

ClientSampleId :

A4EJ1

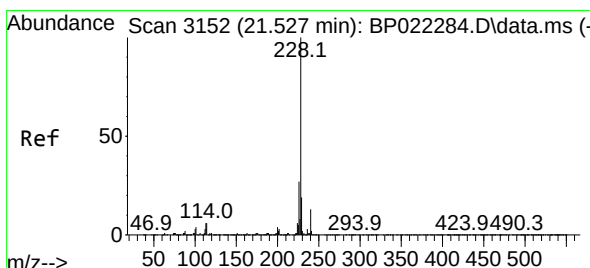
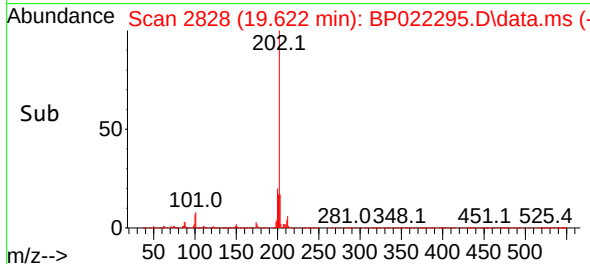
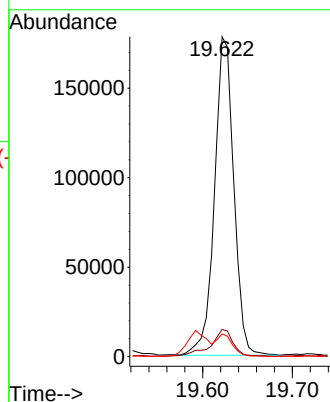
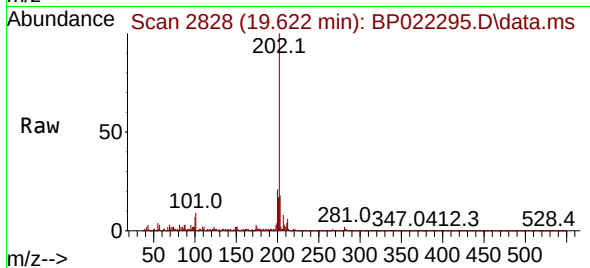
Tgt Ion:	202	Resp:	26596
Ion Ratio	Lower	Upper	
202	100		
101	8.5	6.7	10.1
100	7.1	5.8	8.6

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#85

Benzo(a)anthracene

Concen: 2.134 ng/ul

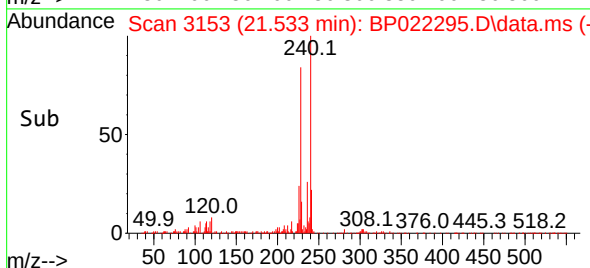
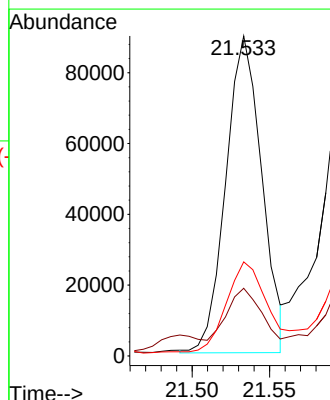
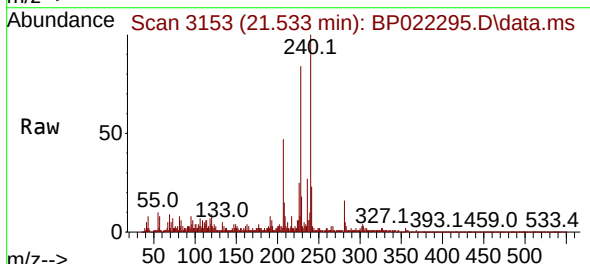
RT: 21.533 min Scan# 3153

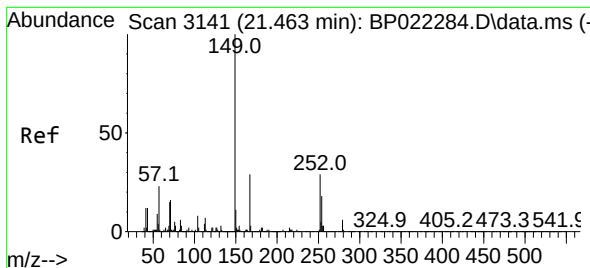
Delta R.T. 0.012 min

Lab File: BP022295.D

Acq: 09 Oct 2024 18:24

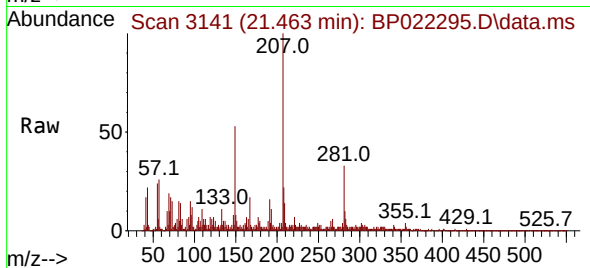
Tgt Ion:	228	Resp:	144458
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.4	23.0
226	29.4	21.5	32.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.113 ng/ul
RT: 21.463 min Scan# 3141
Delta R.T. -0.000 min
Lab File: BP022295.D
Acq: 09 Oct 2024 18:24

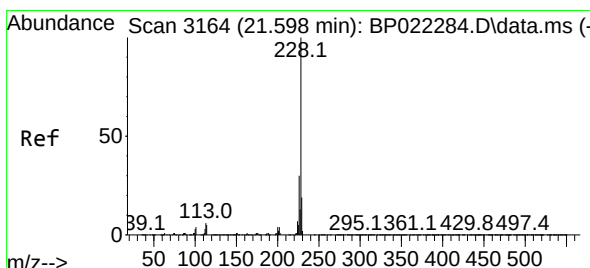
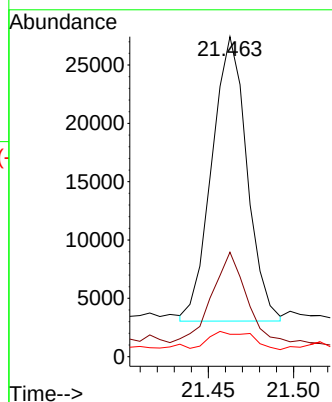
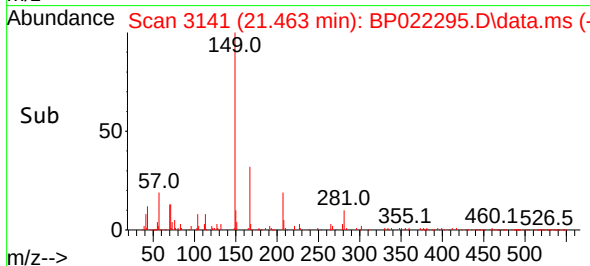
Instrument :
BNA_P
ClientSampleId :
A4EJ1



Tgt Ion:149 Resp: 34980
Ion Ratio Lower Upper
149 100
167 32.7 23.0 34.4
279 7.0 4.8 7.2

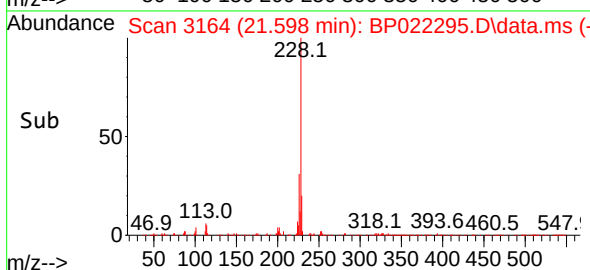
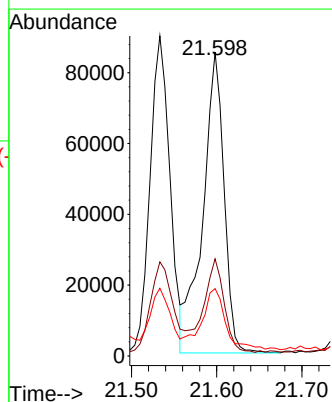
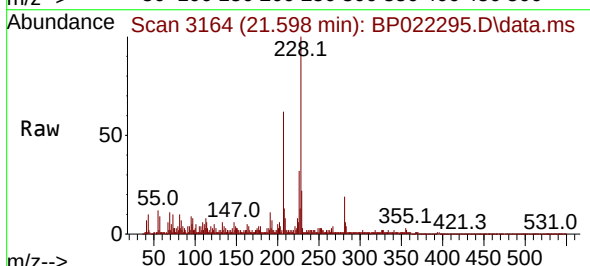
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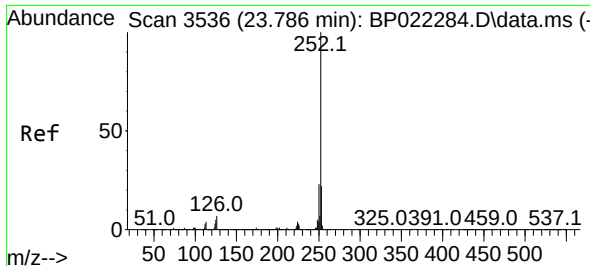
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#87
Chrysene
Concen: 2.349 ng/ul
RT: 21.598 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP022295.D
Acq: 09 Oct 2024 18:24

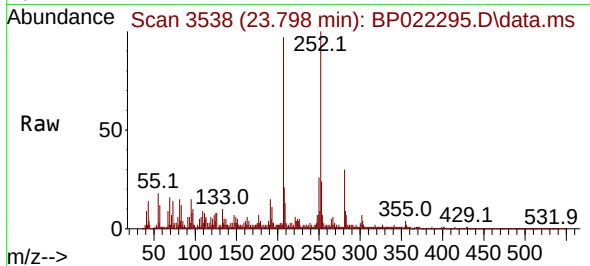
Tgt Ion:228 Resp: 147409
Ion Ratio Lower Upper
228 100
226 31.9 23.8 35.8
229 22.2 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 2.783 ng/ul m
RT: 23.798 min Scan# 3536
Delta R.T. 0.012 min
Lab File: BP022295.D
Acq: 09 Oct 2024 18:24

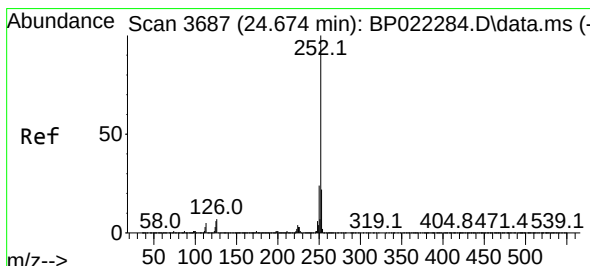
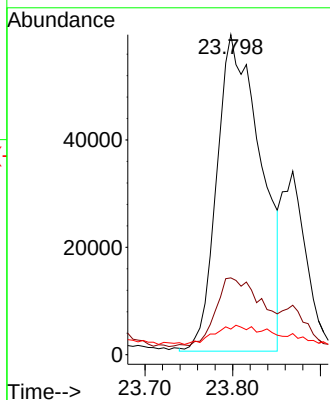
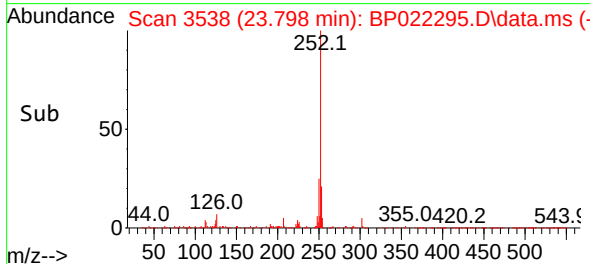
Instrument :
BNA_P
ClientSampleId :
A4EJ1



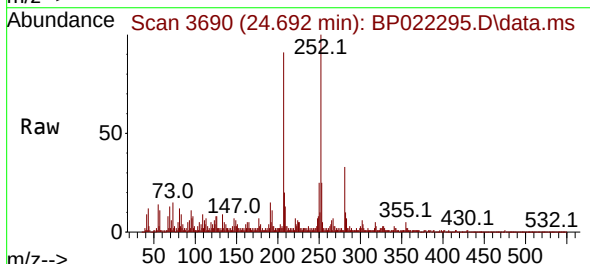
Tgt Ion:252 Resp: 205718
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 8.0 5.0 7.4

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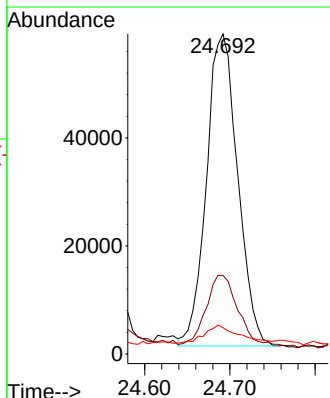
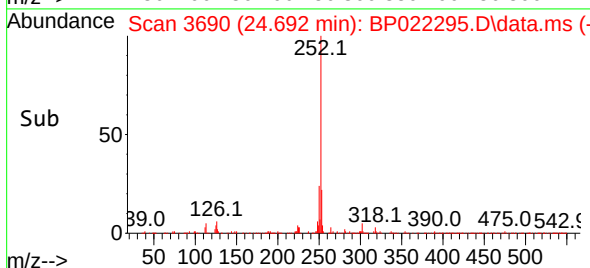
Reviewed By :Yogesh Patel 10/10/2024
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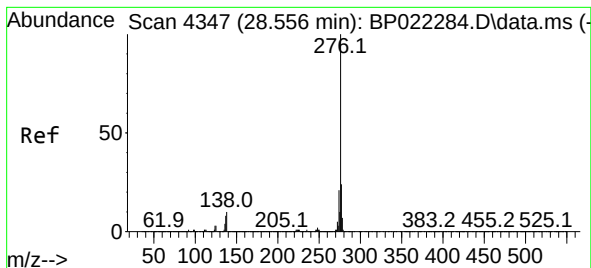


#93
Benzo(a)pyrene
Concen: 2.164 ng/ul
RT: 24.692 min Scan# 3690
Delta R.T. 0.018 min
Lab File: BP022295.D
Acq: 09 Oct 2024 18:24



Tgt Ion:252 Resp: 147229
Ion Ratio Lower Upper
252 100
253 24.5 17.7 26.5
125 8.2 4.9 7.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.181 ng/ul

RT: 28.580 min Scan# 4351

Delta R.T. 0.018 min

Lab File: BP022295.D

Acq: 09 Oct 2024 18:24

Instrument :

BNA_P

ClientSampleId :

A4EJ1

Tgt Ion:276 Resp: 10724

Ion Ratio Lower Upper

276 100

138 13.6 9.1 13.7

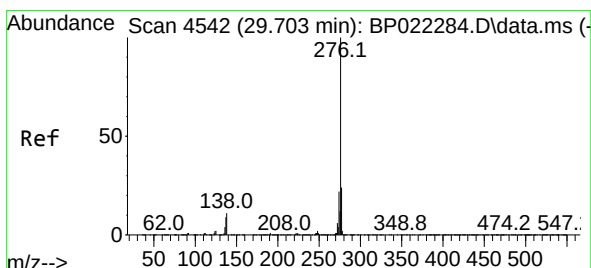
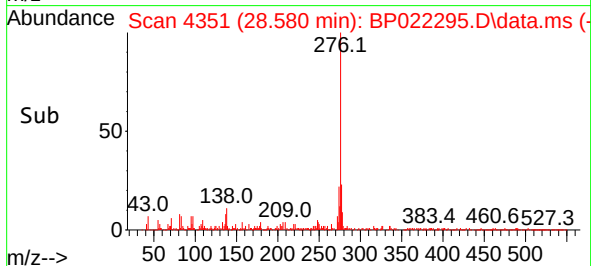
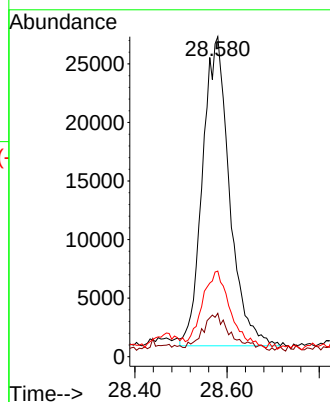
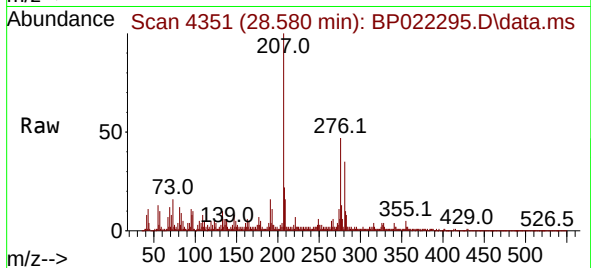
277 26.7 18.6 27.8

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 1.520 ng/ul

RT: 29.733 min Scan# 4547

Delta R.T. 0.018 min

Lab File: BP022295.D

Acq: 09 Oct 2024 18:24

Tgt Ion:276 Resp: 107339

Ion Ratio Lower Upper

276 100

138 14.8 8.5 12.7#

277 28.3 19.0 28.4

