

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101824\
 Data File : BP022456.D
 Acq On : 18 Oct 2024 12:07
 Operator : RC/JU
 Sample : P4346-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EOAW5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/21/2024
 Supervised By :mohammad ahmed 10/21/2024

Quant Time: Oct 18 12:54:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 18 11:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	128652	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	468775	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.292	164	325353	20.000	ng/u1	0.02
64) Phenanthrene-d10	17.086	188	696410	20.000	ng/u1	0.00
79) Chrysene-d12	21.509	240	768151	20.000	ng/u1	0.01
88) Perylene-d12	24.774	264	972593	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	10703	3.233	ng/uL	0.00
4) Pyridine-d5	3.610	84	134550	14.804	ng/u1	0.00
7) Phenol-d5	6.857	99	195345	18.038	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	119216	18.730	ng/u1	0.00
11) 2-Chlorophenol-d4	7.204	132	152766	19.880	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	161087	18.639	ng/u1	0.00
21) Nitrobenzene-d5	8.804	128	72681	20.164	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	87973	21.082	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.057	165	175579	19.797	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	188408	17.978	ng/u1	0.00
46) Dimethylphthalate-d6	13.686	166	520813	20.147	ng/u1	0.00
49) Acenaphthylene-d8	13.974	160	554415	20.193	ng/u1	0.01
54) 4-Nitrophenol-d4	14.522	143	43642	10.064	ng/u1	0.02
60) Fluorene-d10	15.292	176	439625	19.607	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	44389	9.692	ng/u1	0.00
73) Anthracene-d10	17.180	188	687768	20.994	ng/u1	0.01
81) Pyrene-d10	19.562	212	832142	20.485	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.556	264	1092279	21.029	ng/u1	0.03
Target Compounds						
					Qvalue	
72) Phenanthrene	17.121	178	73219	1.965	ng/u1	96
80) Fluoranthene	19.215	202	191994	4.111	ng/u1	99
82) Pyrene	19.586	202	176609	3.529	ng/u1	98
85) Benzo(a)anthracene	21.492	228	102687	1.907	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.427	149	39126	1.564	ng/u1	97
87) Chrysene	21.556	228	120516	2.414	ng/u1	94
90) Benzo(b)fluoranthene	23.739	252	163048	2.663	ng/u1#	97
91) Benzo(k)fluoranthene	23.797	252	67110m	1.120	ng/u1	
93) Benzo(a)pyrene	24.615	252	113091	2.007	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.474	276	87428	1.163	ng/u1	97
96) Benzo(g,h,i)perylene	29.609	276	89185	1.525	ng/u1	97

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

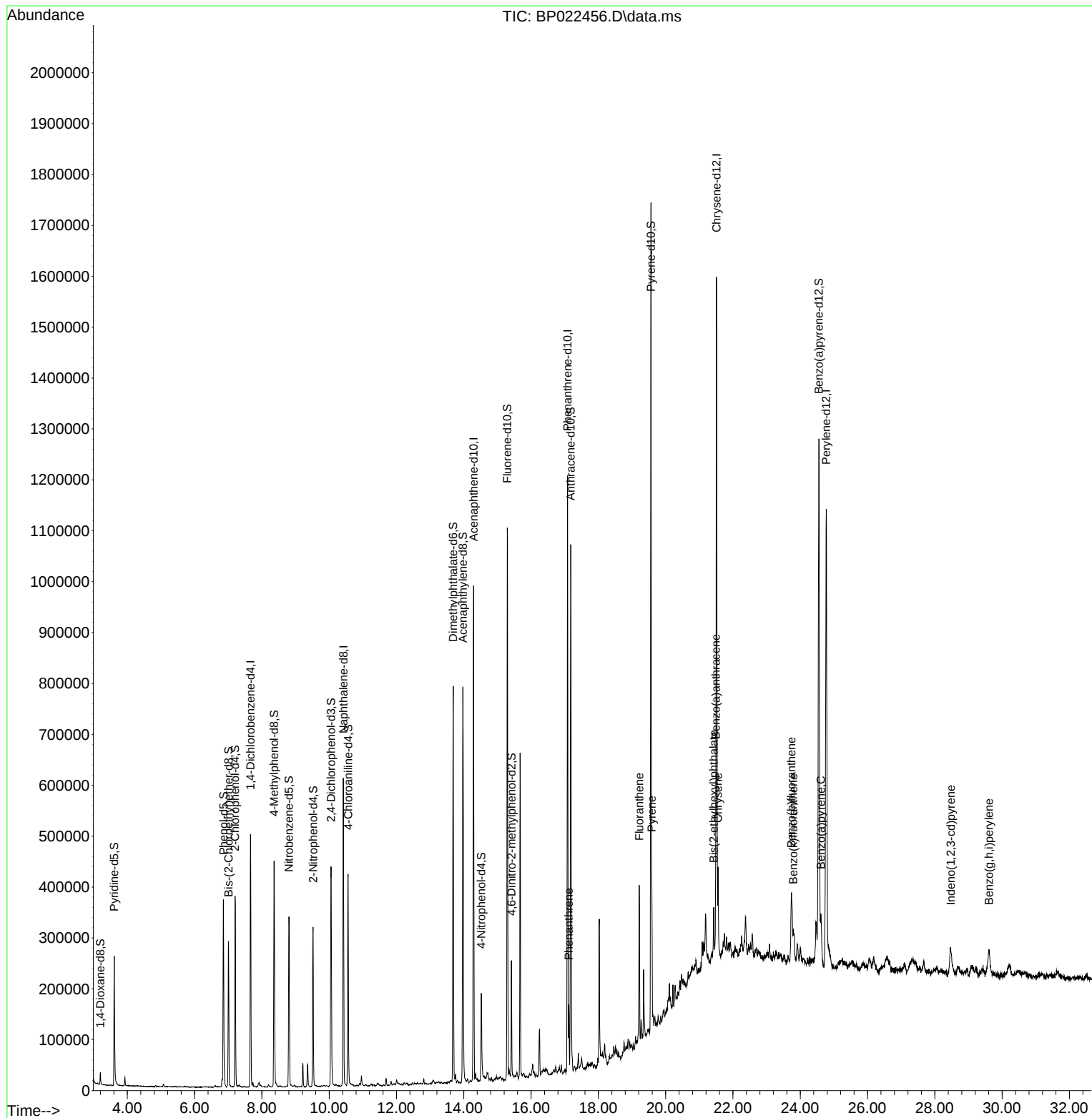
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101824\
Data File : BP022456.D
Acq On : 18 Oct 2024 12:07
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Sample : P4346-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

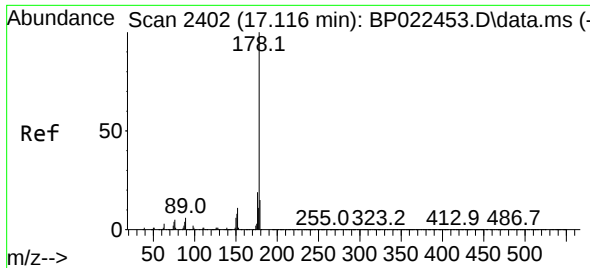
Instrument :
BNA_P
ClientSampleId :
EOAW5

Quant Time: Oct 18 12:54:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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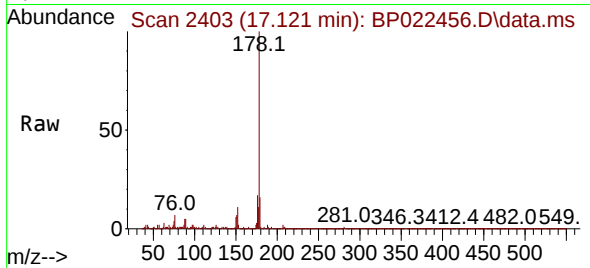
Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024





#72
Phenanthrene
Concen: 1.965 ng/ul
RT: 17.121 min Scan# 2403
Delta R.T. 0.006 min
Lab File: BP022456.D
Acq: 18 Oct 2024 12:07

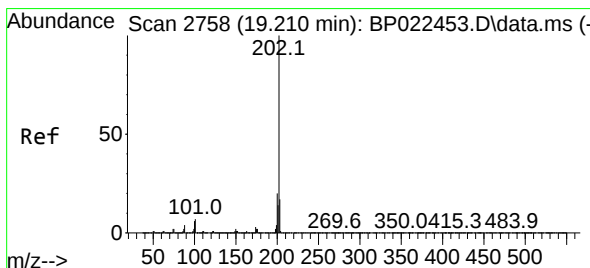
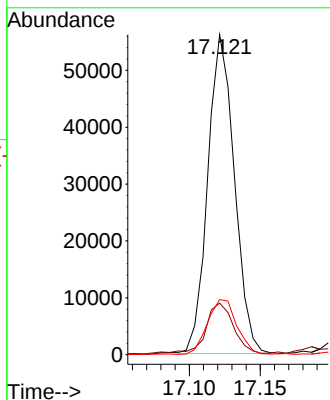
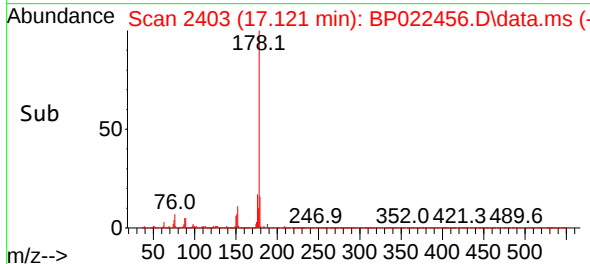
Instrument :
BNA_P
ClientSampleId :
EOAW5



Tgt Ion:178 Resp: 73219
Ion Ratio Lower Upper
178 100
179 16.1 12.2 18.4
176 17.2 15.7 23.5

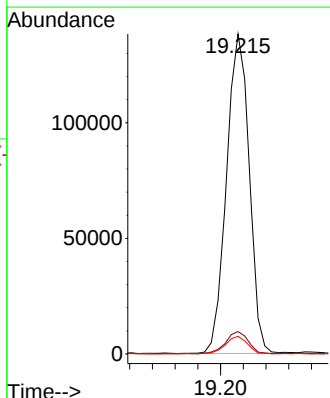
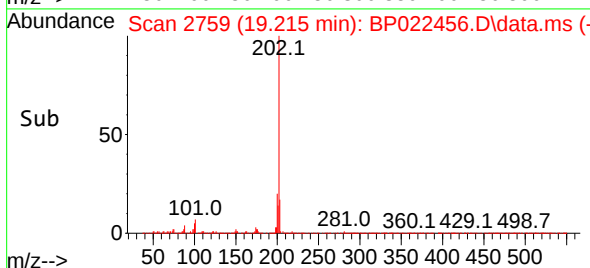
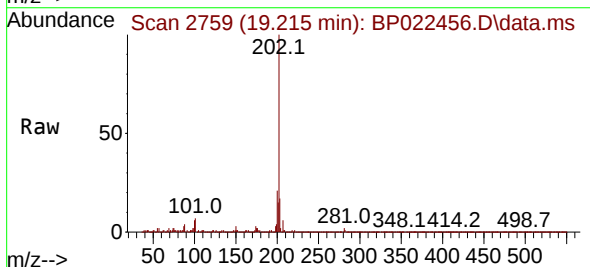
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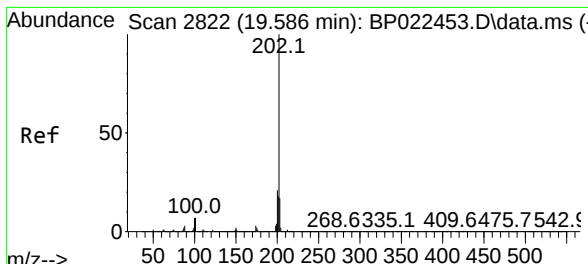
Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024



#80
Fluoranthene
Concen: 4.111 ng/ul
RT: 19.215 min Scan# 2759
Delta R.T. 0.006 min
Lab File: BP022456.D
Acq: 18 Oct 2024 12:07

Tgt Ion:202 Resp: 191994
Ion Ratio Lower Upper
202 100
101 7.0 5.8 8.8
100 5.5 4.5 6.7





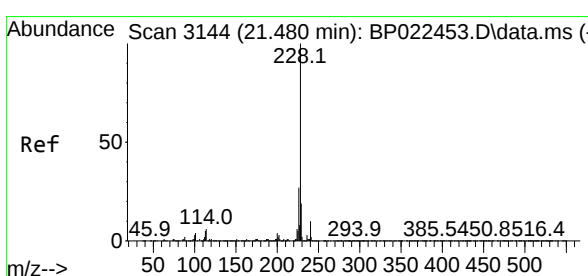
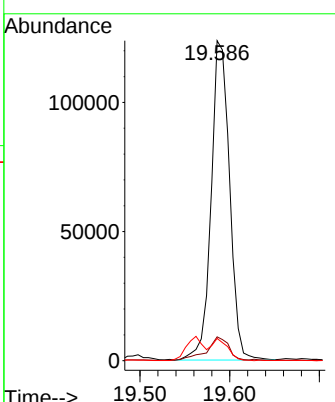
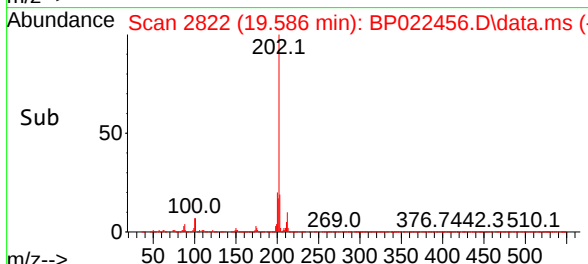
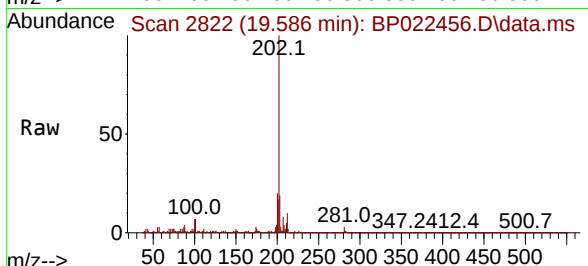
#82
 Pyrene
 Concen: 3.529 ng/ul
 RT: 19.586 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP022456.D
 Acq: 18 Oct 2024 12:07

Instrument : BNA_P
 ClientSampleId : EOAW5

Tgt Ion:	202	Resp:	176609
Ion Ratio	Lower	Upper	
202	100		
101	7.4	6.7	10.1
100	7.0	5.8	8.6

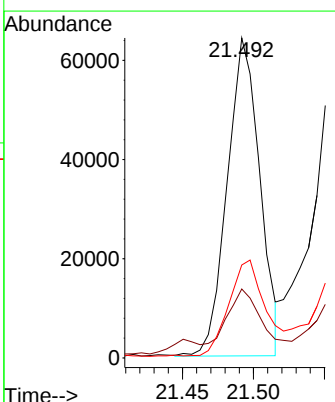
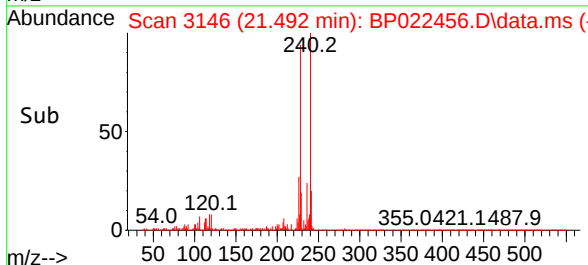
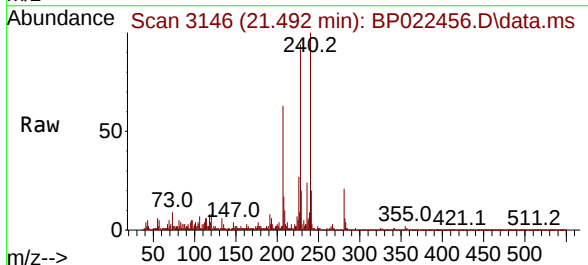
Manual Integrations
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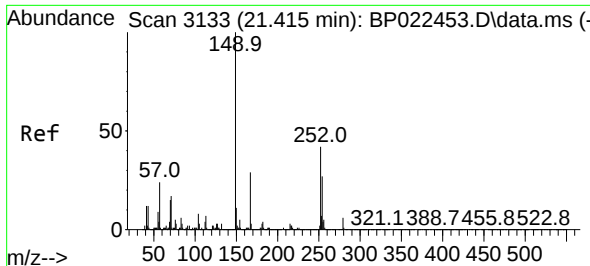
Reviewed By :Yogesh Patel 10/21/2024
 Supervised By :mohammad ahmed 10/21/2024



#85
 Benzo(a)anthracene
 Concen: 1.907 ng/ul
 RT: 21.492 min Scan# 3146
 Delta R.T. 0.012 min
 Lab File: BP022456.D
 Acq: 18 Oct 2024 12:07

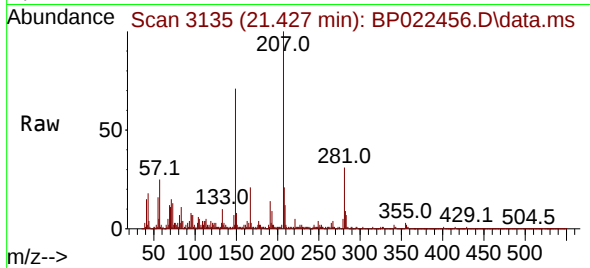
Tgt Ion:	228	Resp:	102687
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.4	23.0
226	29.1	21.5	32.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.564 ng/ul
RT: 21.427 min Scan# 3135
Delta R.T. 0.012 min
Lab File: BP022456.D
Acq: 18 Oct 2024 12:07

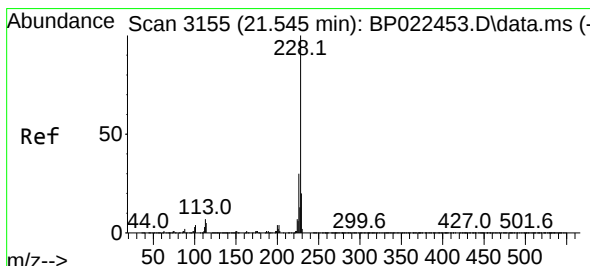
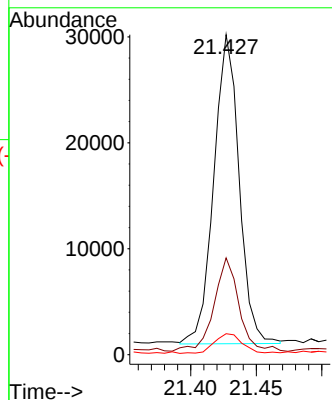
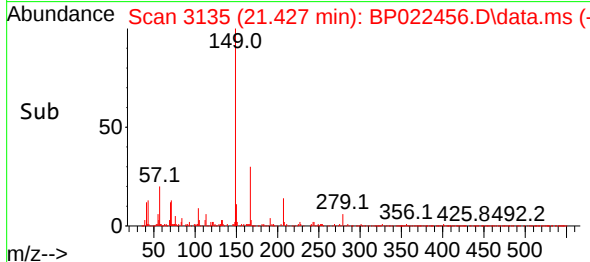
Instrument :
BNA_P
ClientSampleId :
EOAW5



Tgt Ion:149 Resp: 39120
Ion Ratio Lower Upper
149 100
167 30.2 23.0 34.4
279 6.5 4.8 7.2

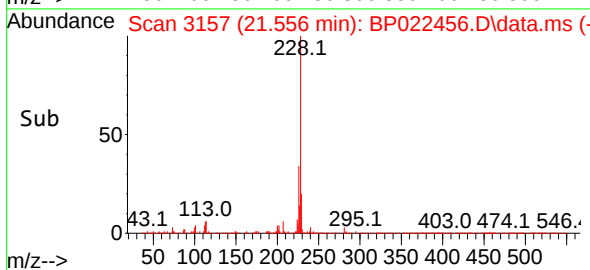
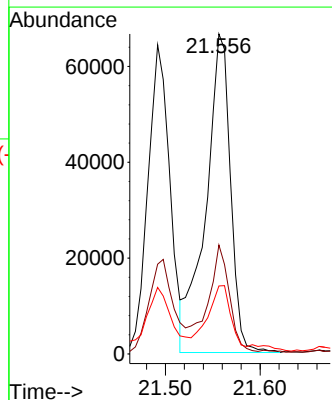
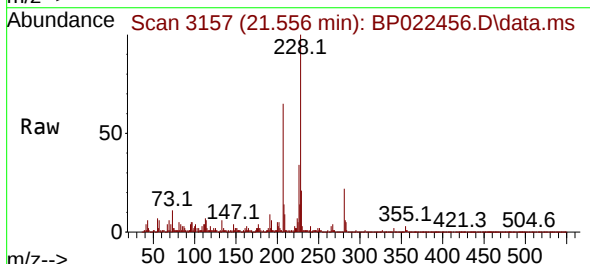
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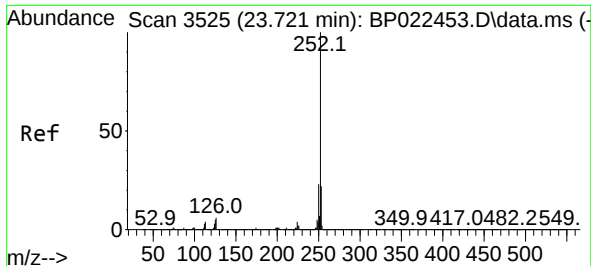
Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024



#87
Chrysene
Concen: 2.414 ng/ul
RT: 21.556 min Scan# 3157
Delta R.T. 0.012 min
Lab File: BP022456.D
Acq: 18 Oct 2024 12:07

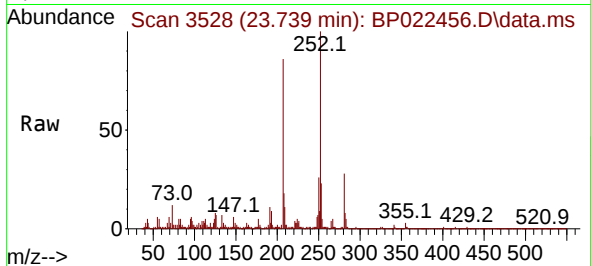
Tgt Ion:228 Resp: 120516
Ion Ratio Lower Upper
228 100
226 34.0 23.8 35.8
229 21.3 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 2.663 ng/ul
RT: 23.739 min Scan# 3525
Delta R.T. 0.018 min
Lab File: BP022456.D
Acq: 18 Oct 2024 12:07

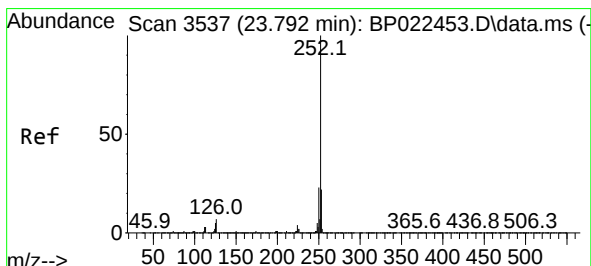
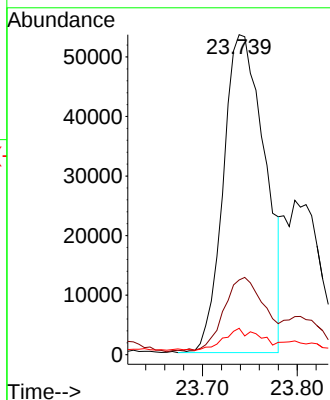
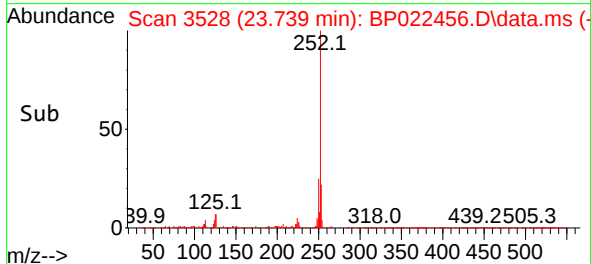
Instrument :
BNA_P
ClientSampleId :
EOAW5



Tgt Ion:252 Resp: 16304
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 8.3 5.0 7.4

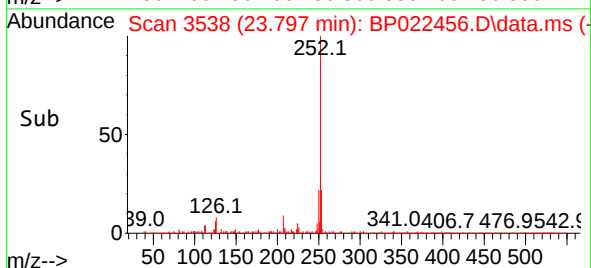
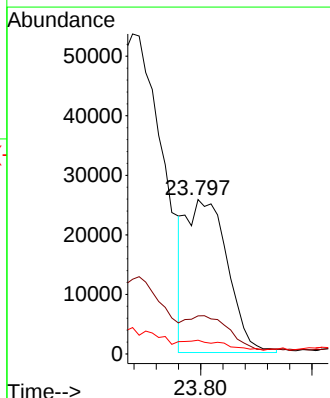
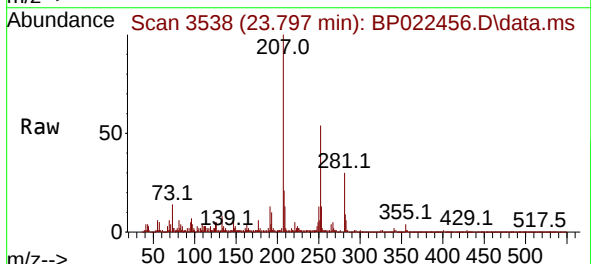
Manual Integrations
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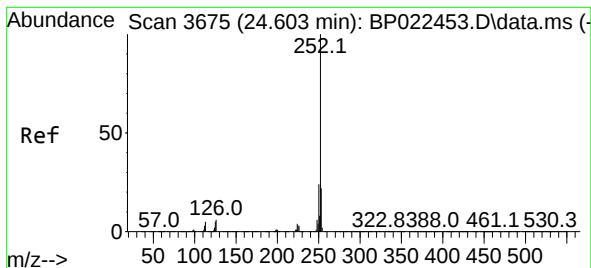
Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024



#91
Benzo(k)fluoranthene
Concen: 1.120 ng/ul m
RT: 23.797 min Scan# 3538
Delta R.T. 0.006 min
Lab File: BP022456.D
Acq: 18 Oct 2024 12:07

Tgt Ion:252 Resp: 67110
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.0
125 8.9 4.6 6.8





#93

Benzo(a)pyrene

Concen: 2.007 ng/ul

RT: 24.615 min Scan# 30

Delta R.T. 0.012 min

Lab File: BP022456.D

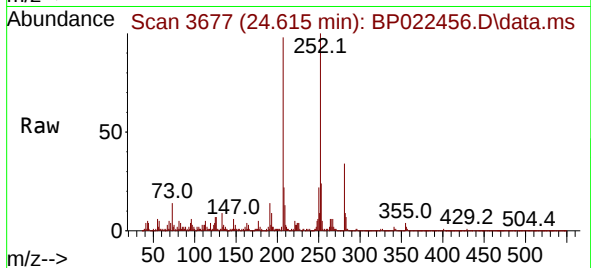
Acq: 18 Oct 2024 12:07

Instrument :

BNA_P

ClientSampleId :

EOAW5



Tgt Ion: 252 Resp: 11309

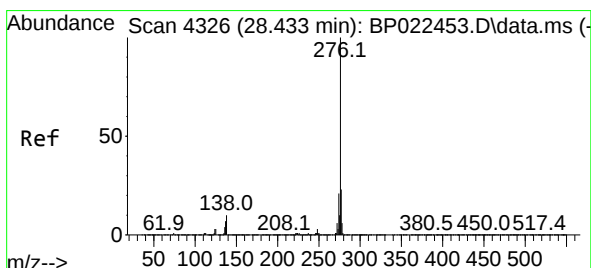
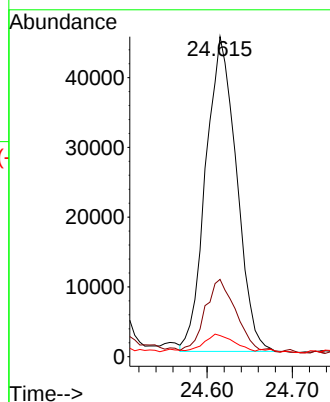
Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	6.6	4.9	7.3

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 10/21/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.163 ng/ul

RT: 28.474 min Scan# 4333

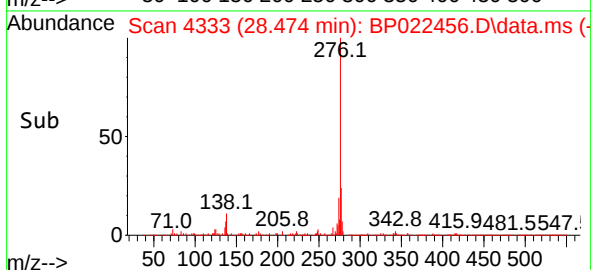
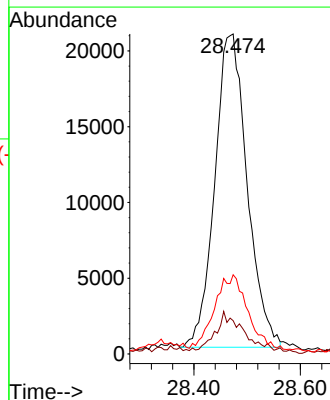
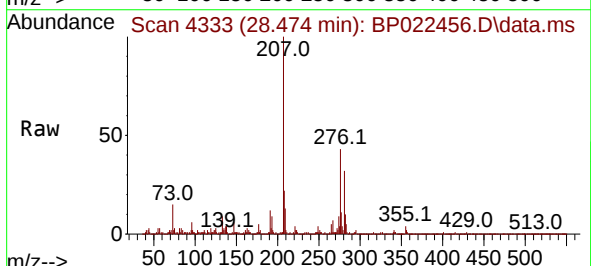
Delta R.T. 0.041 min

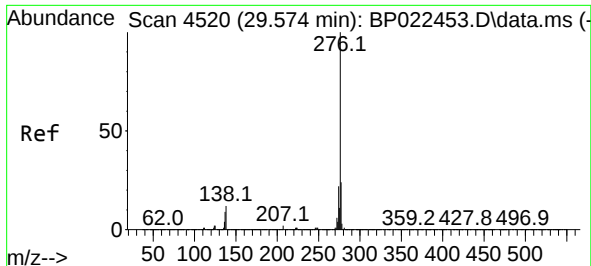
Lab File: BP022456.D

Acq: 18 Oct 2024 12:07

Tgt Ion: 276 Resp: 87428

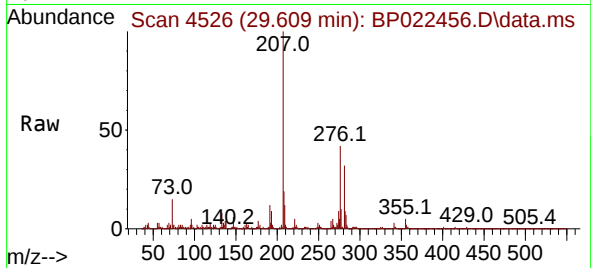
Ion	Ratio	Lower	Upper
276	100		
138	10.4	9.1	13.7
277	24.8	18.6	27.8





#96
 Benzo(g,h,i)perylene
 Concen: 1.525 ng/ul
 RT: 29.609 min Scan# 4526
 Delta R.T. 0.035 min
 Lab File: BP022456.D
 Acq: 18 Oct 2024 12:07

Instrument :
 BNA_P
 ClientSampleId :
 EOAW5



Tgt Ion:276 Resp: 8918
 Ion Ratio Lower Upper
 276 100
 138 9.1 8.5 12.7
 277 22.6 19.0 28.4

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