

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101824\
 Data File : BP022457.D
 Acq On : 18 Oct 2024 12:47
 Operator : RC/JU
 Sample : P4346-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EOAW6

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 14:00:47 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	116382	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	424762	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	310694	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.080	188	612954	20.000	ng/u1	0.00
79) Chrysene-d12	21.498	240	586933	20.000	ng/u1	0.00
88) Perylene-d12	24.757	264	780917	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	10487	3.502	ng/uL	0.00
4) Pyridine-d5	3.611	84	142719	17.359	ng/u1	0.00
7) Phenol-d5	6.857	99	205927	21.020	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	121602	21.119	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	153956	22.147	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	170495	21.807	ng/u1	0.00
21) Nitrobenzene-d5	8.804	128	75985	23.265	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	91959	24.320	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	183360	22.816	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	203393	21.419	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	570113	23.095	ng/u1	0.01
49) Acenaphthylene-d8	13.963	160	610045	23.268	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	57599	13.909	ng/u1	0.00
60) Fluorene-d10	15.286	176	480006	22.418	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	52811	13.100	ng/u1	0.02
73) Anthracene-d10	17.180	188	683340	23.698	ng/u1	0.01
81) Pyrene-d10	19.551	212	763182	24.589	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.527	264	1009771	24.212	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.122	178	84812	2.586	ng/u1	100
80) Fluoranthene	19.198	202	165206	4.630	ng/u1	99
82) Pyrene	19.580	202	143596	3.755	ng/u1	98
85) Benzo(a)anthracene	21.480	228	88510	2.151	ng/u1	96
87) Chrysene	21.545	228	88738	2.326	ng/u1	95
90) Benzo(b)fluoranthene	23.727	252	133885	2.724	ng/u1	100
93) Benzo(a)pyrene	24.598	252	95952	2.121	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.468	276	69131	1.145	ng/u1#	88
96) Benzo(g,h,i)perylene	29.603	276	73841m	1.572	ng/u1	

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

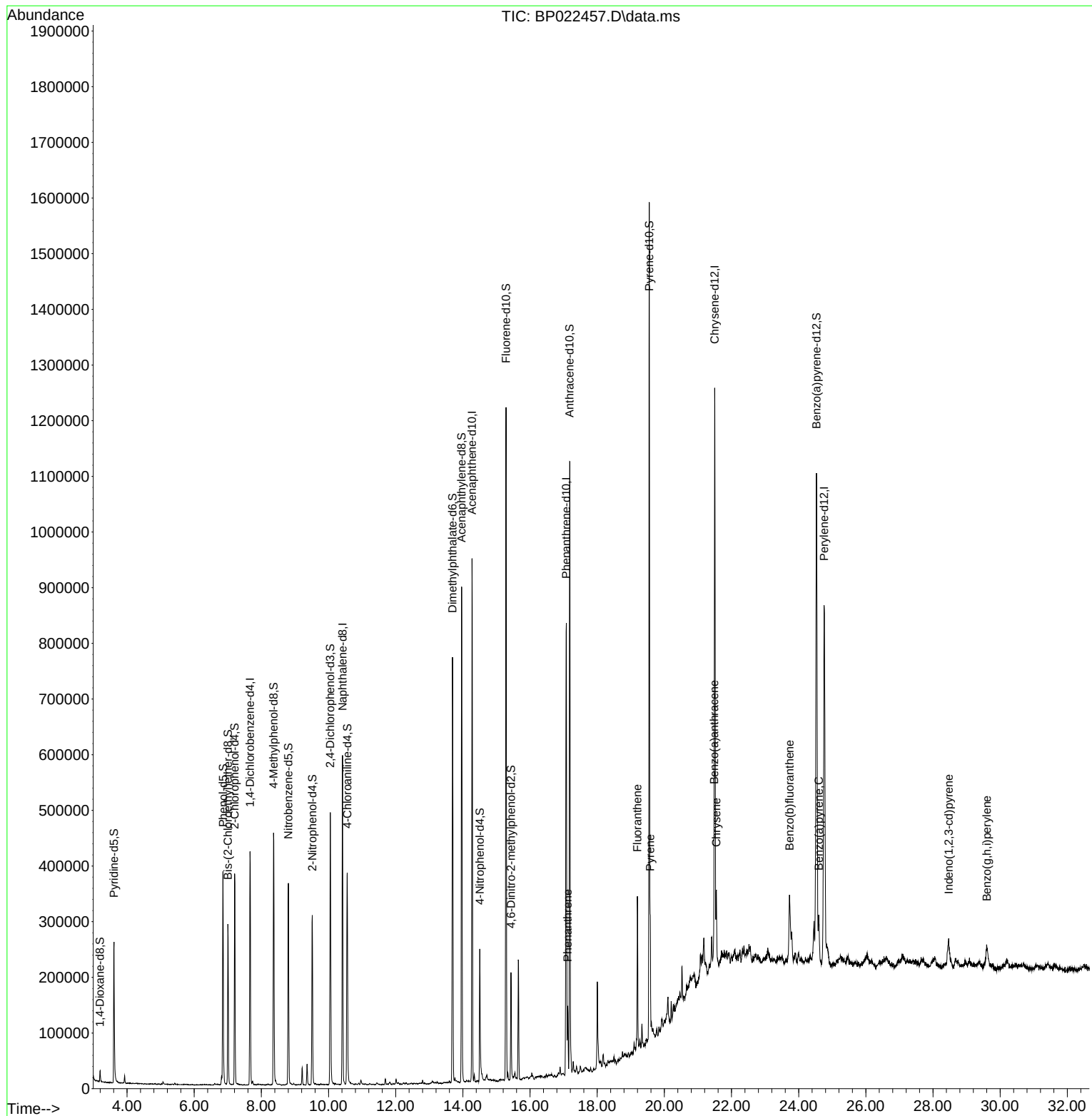
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101824\
Data File : BP022457.D
Acq On : 18 Oct 2024 12:47
Operator : RC/JU
Sample : P4346-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

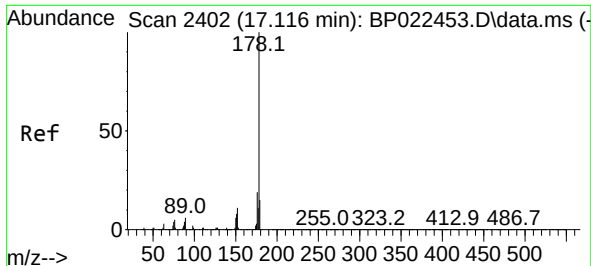
Instrument :
BNA_P
ClientSampleId :
EOAW6

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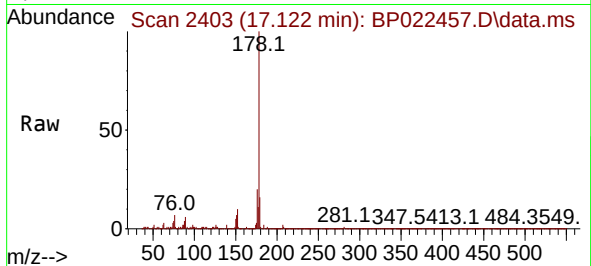
Quant Time: Oct 18 14:00:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.586 ng/ul
RT: 17.122 min Scan# 2403
Delta R.T. 0.006 min
Lab File: BP022457.D
Acq: 18 Oct 2024 12:47

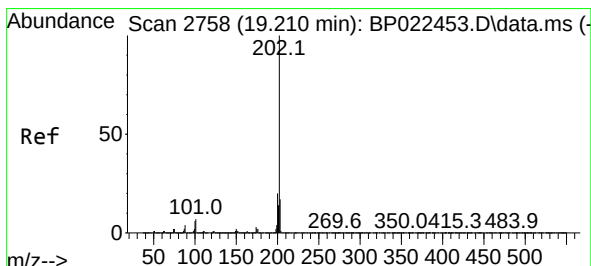
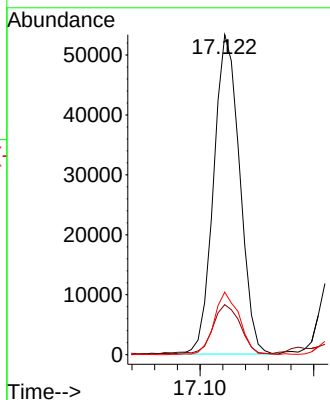
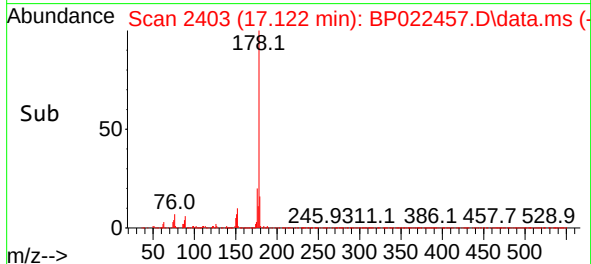
Instrument :
BNA_P
ClientSampleId :
EOAW6



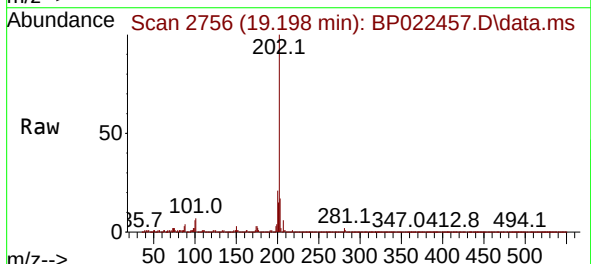
Tgt Ion:178 Resp: 84812
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 19.5 15.7 23.5

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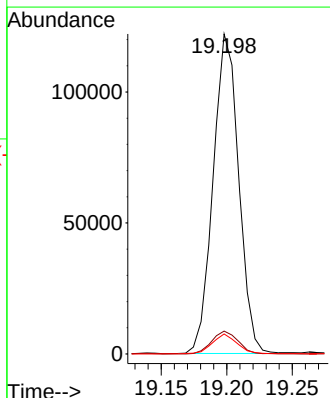
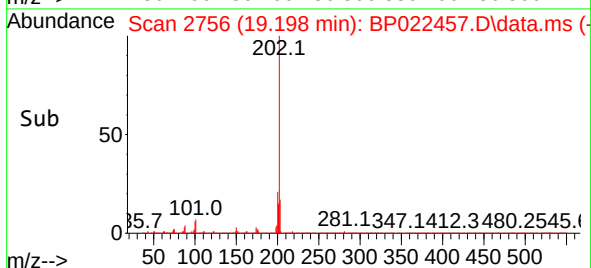
Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024

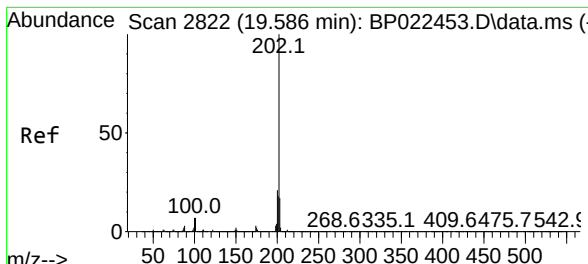


#80
Fluoranthene
Concen: 4.630 ng/ul
RT: 19.198 min Scan# 2756
Delta R.T. -0.011 min
Lab File: BP022457.D
Acq: 18 Oct 2024 12:47



Tgt Ion:202 Resp: 165206
Ion Ratio Lower Upper
202 100
101 7.1 5.8 8.8
100 6.2 4.5 6.7





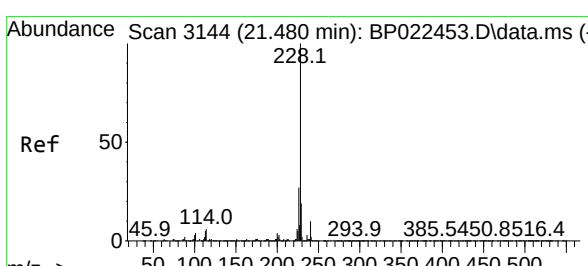
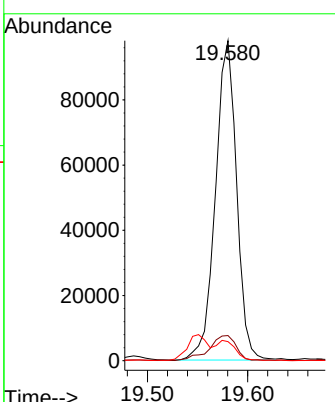
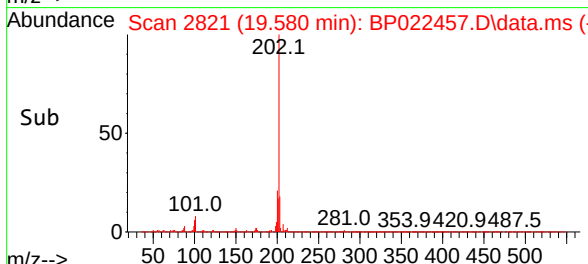
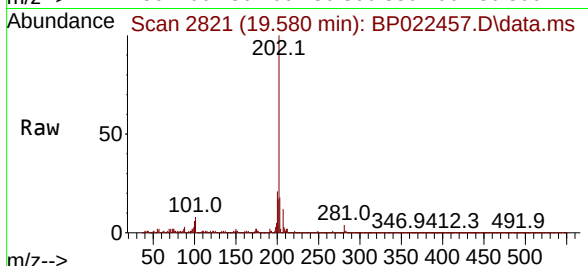
#82
 Pyrene
 Concen: 3.755 ng/ul
 RT: 19.580 min Scan# 2821
 Delta R.T. -0.006 min
 Lab File: BP022457.D
 Acq: 18 Oct 2024 12:47

Instrument : BNA_P
 ClientSampleId : EOAW6

Tgt Ion:	202	Resp:	143590
Ion Ratio	Lower	Upper	
202	100		
101	7.8	6.7	10.1
100	6.0	5.8	8.6

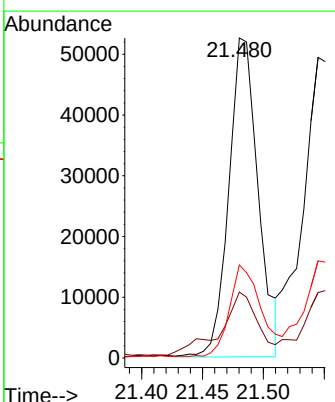
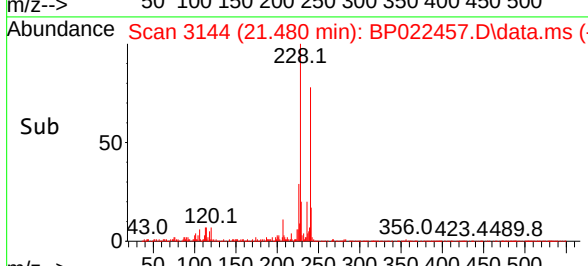
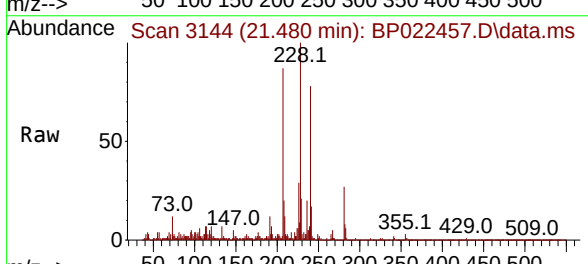
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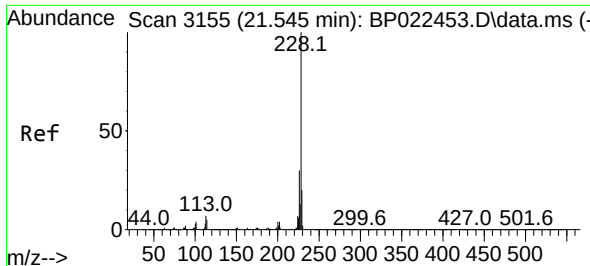
Reviewed By :Yogesh Patel 10/21/2024
 Supervised By :mohammad ahmed 10/21/2024



#85
 Benzo(a)anthracene
 Concen: 2.151 ng/ul
 RT: 21.480 min Scan# 3144
 Delta R.T. 0.000 min
 Lab File: BP022457.D
 Acq: 18 Oct 2024 12:47

Tgt Ion:	228	Resp:	88510
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.4	23.0
226	29.0	21.5	32.3





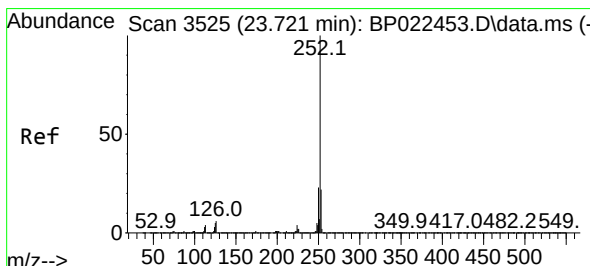
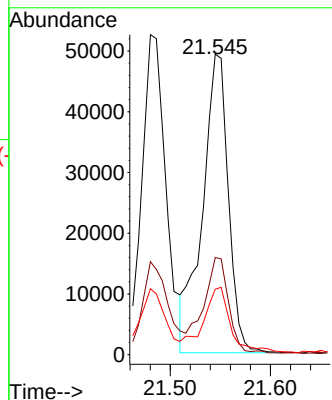
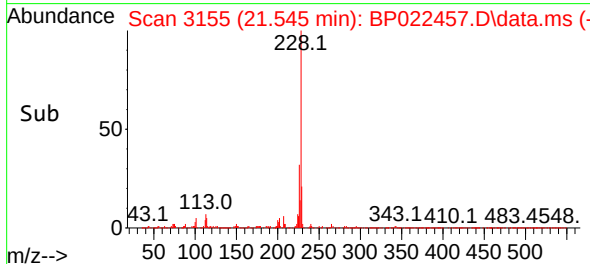
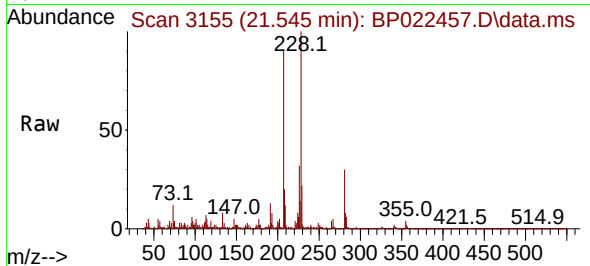
#87
Chrysene
Concen: 2.326 ng/u1
RT: 21.545 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BP022457.D
Acq: 18 Oct 2024 12:47

Instrument :
BNA_P
ClientSampleId :
EOAW6

Tgt Ion:228 Resp: 88738
Ion Ratio Lower Upper
228 100
226 32.3 23.8 35.8
229 21.8 15.5 23.3

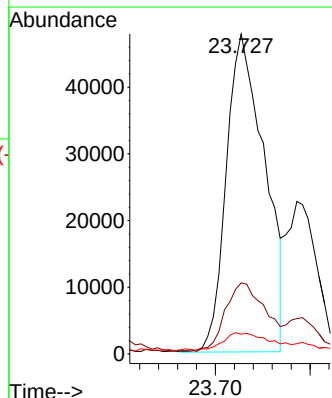
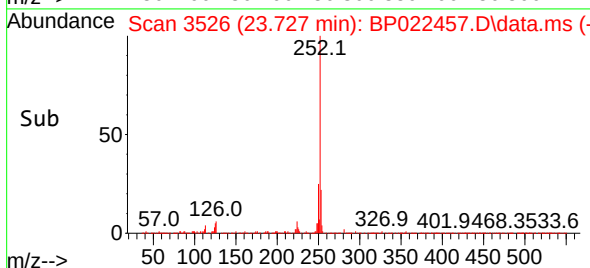
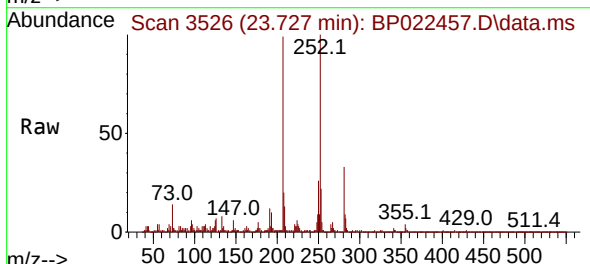
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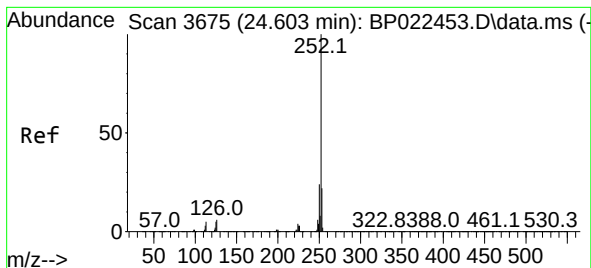
Reviewed By :Yogesh Patel 10/21/2024
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#90
Benzo(b)fluoranthene
Concen: 2.724 ng/u1
RT: 23.727 min Scan# 3526
Delta R.T. 0.006 min
Lab File: BP022457.D
Acq: 18 Oct 2024 12:47

Tgt Ion:252 Resp: 133885
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 6.2 5.0 7.4





#93

Benzo(a)pyrene

Concen: 2.121 ng/ul

RT: 24.598 min Scan# 30

Delta R.T. -0.006 min

Lab File: BP022457.D

Acq: 18 Oct 2024 12:47

Instrument :

BNA_P

ClientSampleId :

EOAW6

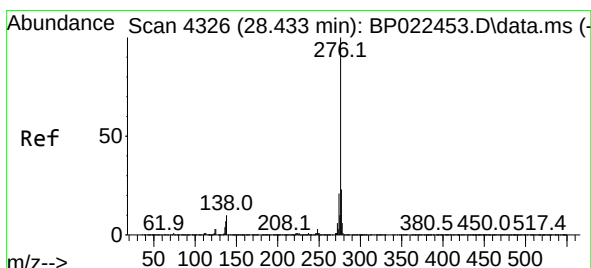
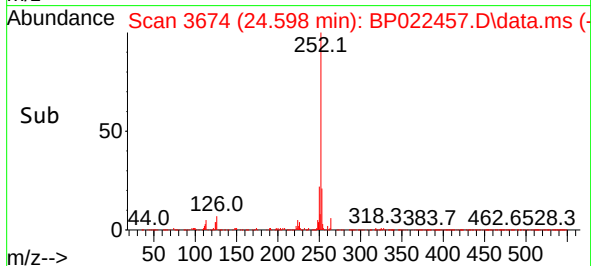
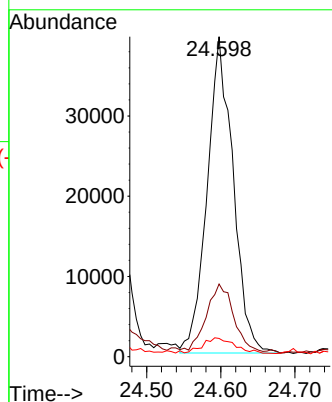
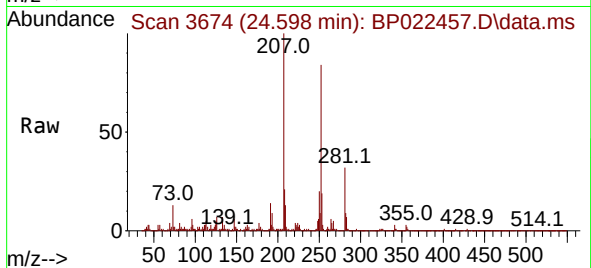
Tgt Ion:	252	Resp:	9595
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.7	26.5
125	5.7	4.9	7.3

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.145 ng/ul

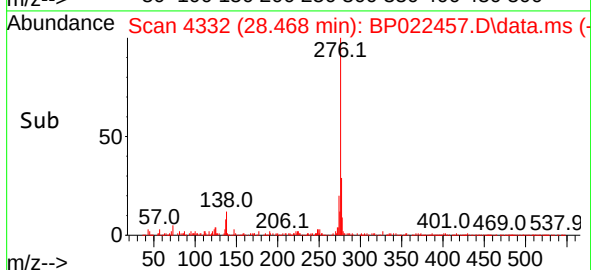
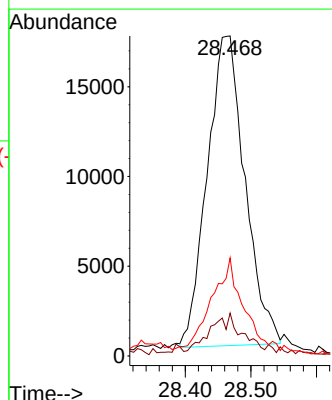
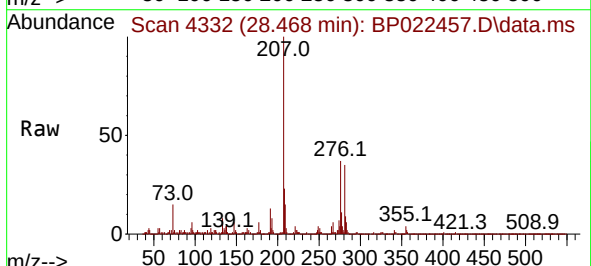
RT: 28.468 min Scan# 4332

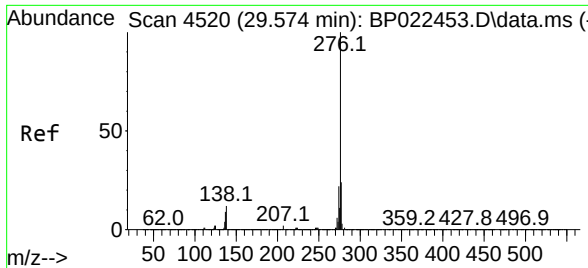
Delta R.T. 0.036 min

Lab File: BP022457.D

Acq: 18 Oct 2024 12:47

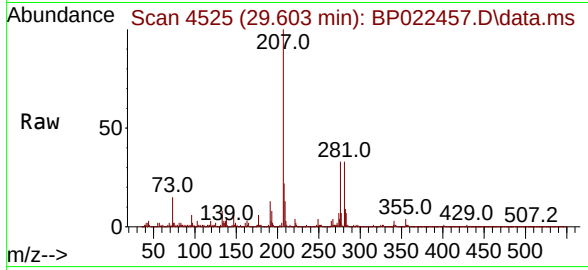
Tgt Ion:	276	Resp:	69131
Ion Ratio	Lower	Upper	
276	100		
138	13.4	9.1	13.7
277	30.7	18.6	27.8





#96
 Benzo(g,h,i)perylene
 Concen: 1.572 ng/ul m
 RT: 29.603 min Scan# 4525
 Delta R.T. 0.030 min
 Lab File: BP022457.D
 Acq: 18 Oct 2024 12:47

Instrument :
 BNA_P
 ClientSampleId :
 EOAW6



Tgt Ion:	276	Resp:	7384
Ion Ratio	Lower	Upper	
276	100		
138	12.4	8.5	12.7
277	22.0	19.0	28.4

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