

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022507.D
 Acq On : 21 Oct 2024 16:06
 Operator : RC/JU
 Sample : P4429-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4FA6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 21 23:29:06 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	7.664	152	75509	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	283858	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	219062	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	555228	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	629610	20.000	ng/u1	0.01
88) Perylene-d12	24.769	264	752176	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	4010	2.064	ng/uL	0.00
4) Pyridine-d5	3.623	84	9772	1.832	ng/u1	0.01
7) Phenol-d5	6.858	99	76661	12.061	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	45642	12.218	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	57666	12.786	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	60360	11.899	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	27117	12.424	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	32951	13.040	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	68717	12.795	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	43826	6.906	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	245347	14.096	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	249624	13.503	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	27272m	9.340	ng/u1	0.01
60) Fluorene-d10	15.293	176	223604	14.812	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	35672	9.769	ng/u1	0.00
73) Anthracene-d10	17.175	188	387901	14.851	ng/u1	0.00
81) Pyrene-d10	19.563	212	442416	13.288	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.551	264	407141	10.135	ng/u1	0.02
Target Compounds	Qvalue					
8) Phenol	6.887	94	10374	1.569	ng/u1	97
16) Acetophenone	8.475	105	44698	5.338	ng/u1	94
61) Fluorene	15.340	166	17629	1.062	ng/u1	96
72) Phenanthrene	17.122	178	337208	11.352	ng/u1	99
74) Anthracene	17.204	178	79345	2.677	ng/u1	98
77) Carbazole	17.498	167	30482	1.162	ng/u1	97
80) Fluoranthene	19.216	202	732242	19.130	ng/u1	100
82) Pyrene	19.592	202	476314	11.610	ng/u1	97
85) Benzo(a)anthracene	21.486	228	331079	7.501	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	58650	2.861	ng/u1#	99
87) Chrysene	21.551	228	353251	8.631	ng/u1	98
90) Benzo(b)fluoranthene	23.745	252	475582	10.045	ng/u1	99
91) Benzo(k)fluoranthene	23.810	252	185015m	3.991	ng/u1	
93) Benzo(a)pyrene	24.616	252	165666	3.802	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.474	276	185669m	3.193	ng/u1	
95) Dibenzo(a,h)anthracene	28.545	278	64450m	1.369	ng/u1	

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

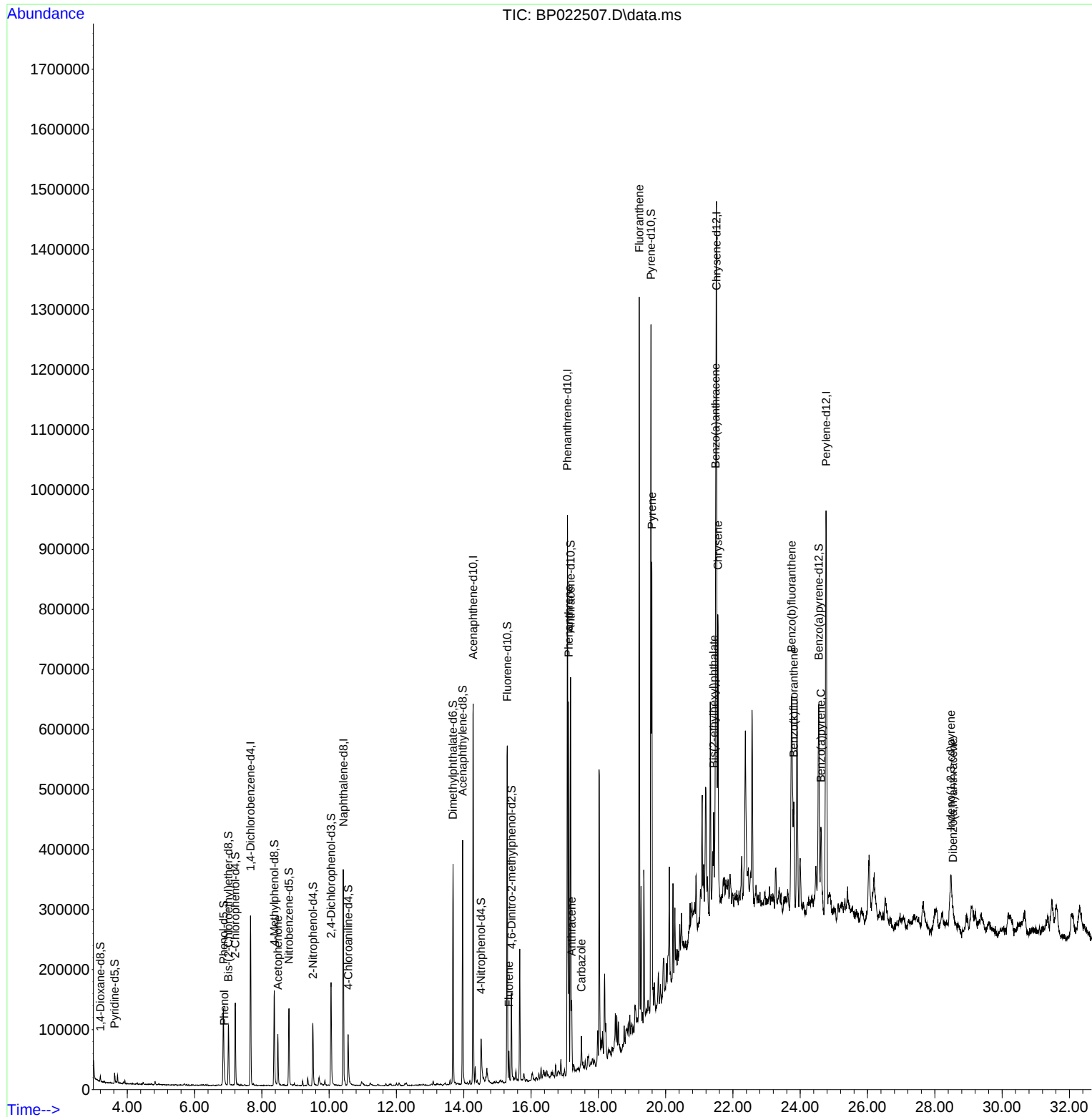
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Data File : BP022507.D
Acq On : 21 Oct 2024 16:06
Operator : RC/JU
Sample : P4429-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

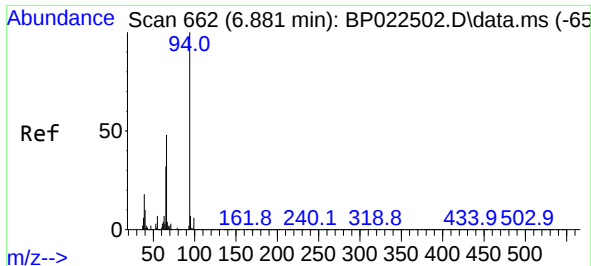
Instrument :
BNA_P
ClientSampleId :
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Manual Integrations
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Supervised By :mohammad ahmed 10/25/2024

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration





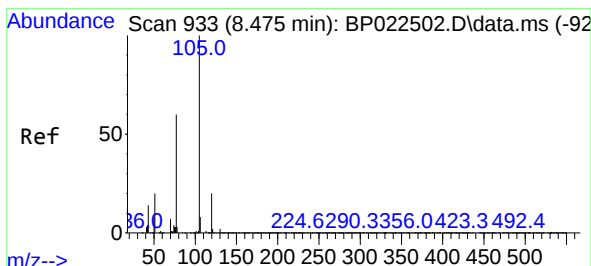
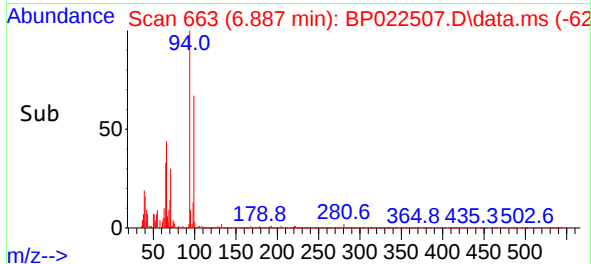
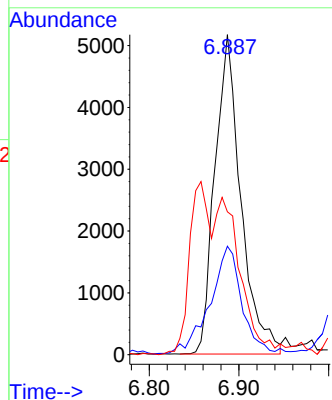
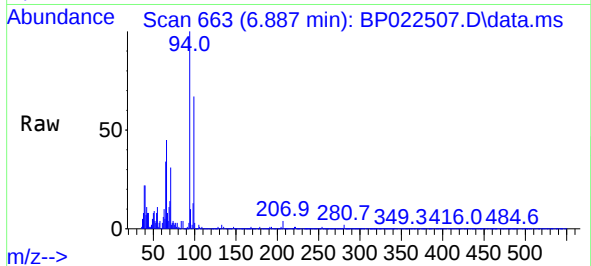
#8
Phenol
Concen: 1.569 ng/u1
RT: 6.887 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP022507.D
Acq: 21 Oct 2024 16:06

Instrument :
BNA_P
ClientSampleId :
A4FA6

Tgt Ion: 94 Resp: 10374
Ion Ratio Lower Upper
94 100
65 33.9 25.9 38.9
66 44.7 37.6 56.4

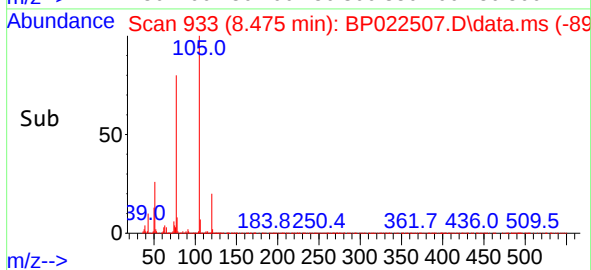
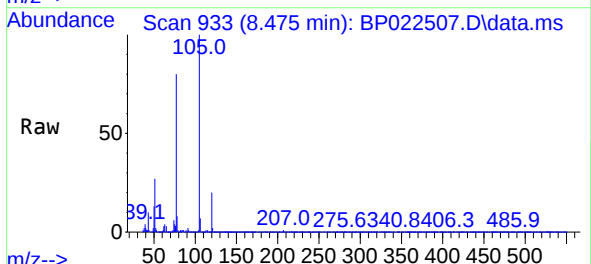
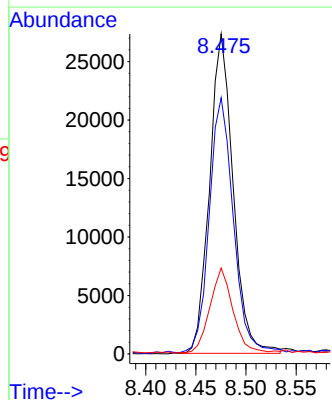
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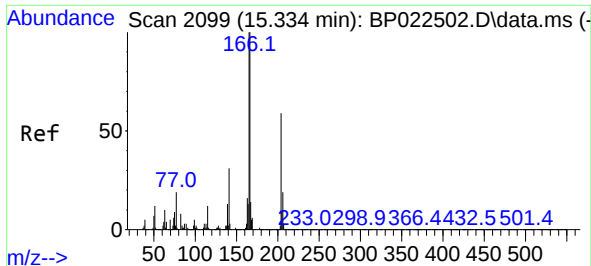
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



#16
Acetophenone
Concen: 5.338 ng/u1
RT: 8.475 min Scan# 933
Delta R.T. 0.006 min
Lab File: BP022507.D
Acq: 21 Oct 2024 16:06

Tgt Ion:105 Resp: 44698
Ion Ratio Lower Upper
105 100
77 80.0 69.0 103.4
51 26.9 22.6 33.8





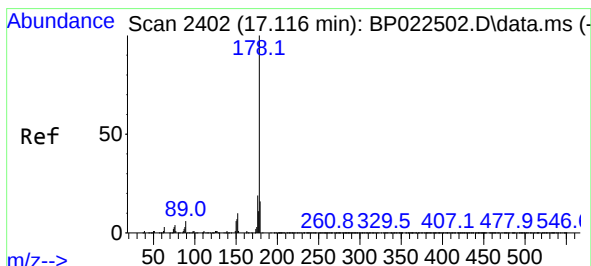
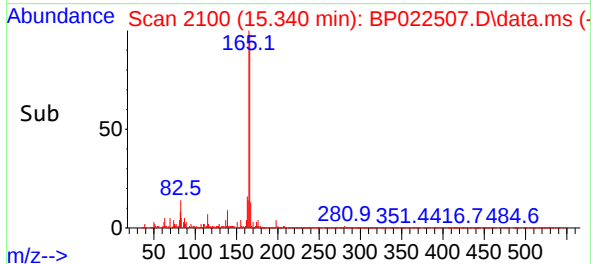
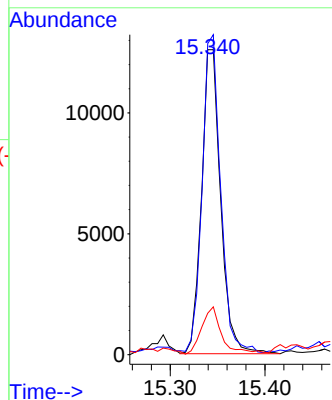
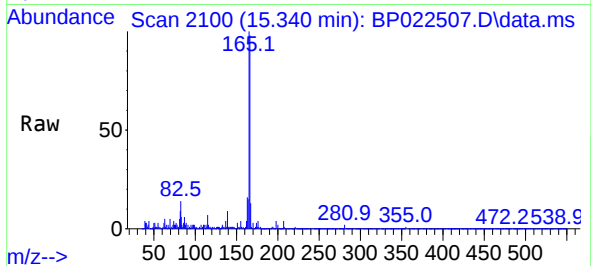
#61
Fluorene
Concen: 1.062 ng/ul
RT: 15.340 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BP022507.D
Acq: 21 Oct 2024 16:06

Instrument :
BNA_P
ClientSampleId :
A4FA6

Tgt Ion:166 Resp: 17629
Ion Ratio Lower Upper
166 100
165 102.0 77.8 116.6
167 13.6 11.1 16.7

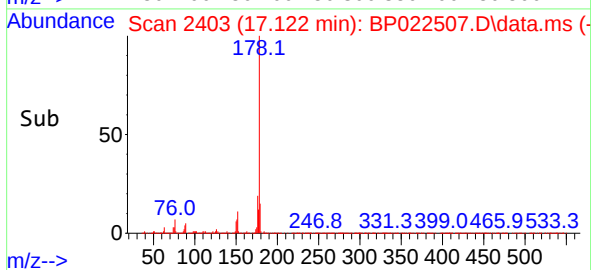
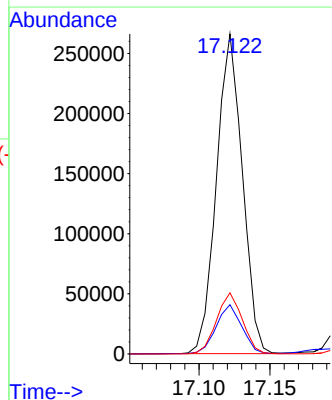
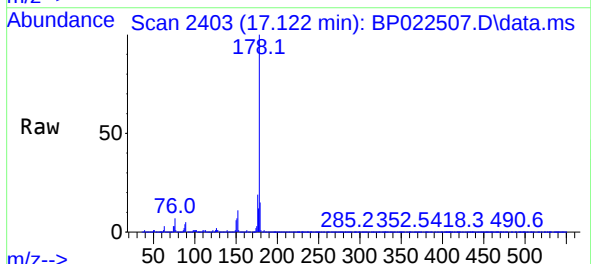
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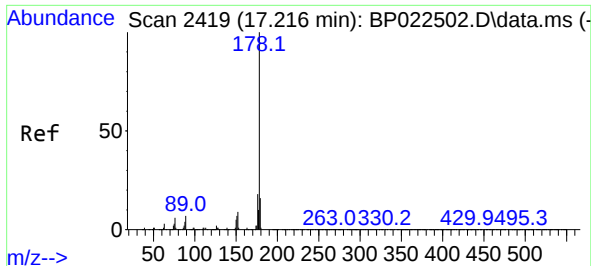
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



#72
Phenanthrene
Concen: 11.352 ng/ul
RT: 17.122 min Scan# 2403
Delta R.T. 0.006 min
Lab File: BP022507.D
Acq: 21 Oct 2024 16:06

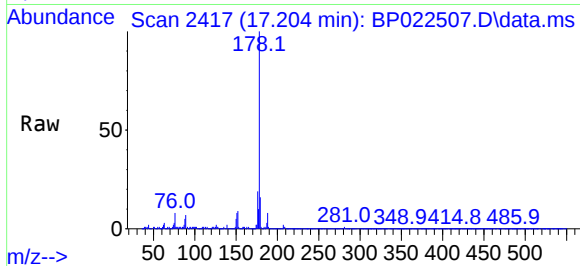
Tgt Ion:178 Resp: 337208
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.1 15.7 23.5





#74
 Anthracene
 Concen: 2.677 ng/u1
 RT: 17.204 min Scan# 2419
 Delta R.T. 0.000 min
 Lab File: BP022507.D
 Acq: 21 Oct 2024 16:06

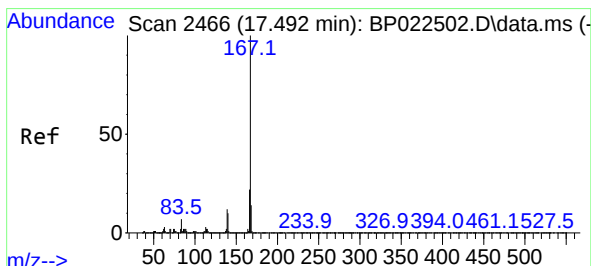
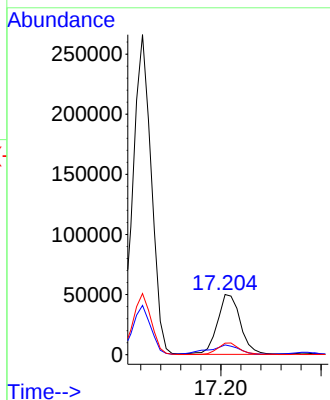
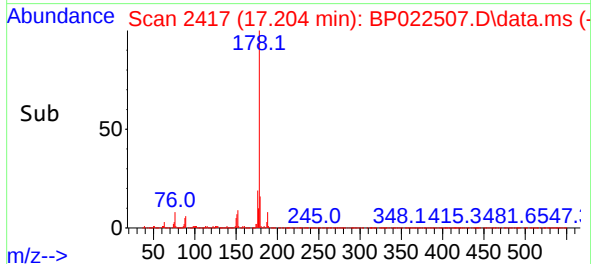
Instrument :
 BNA_P
 ClientSampleId :
 A4FA6



Tgt Ion:178 Resp: 79345
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.0 18.0
 176 19.2 15.0 22.4

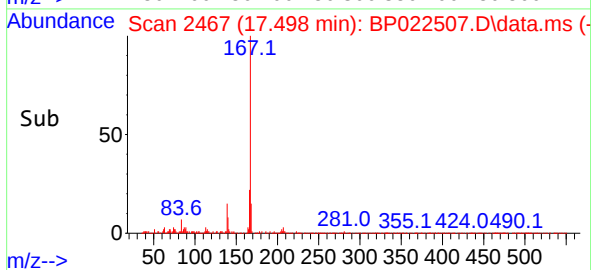
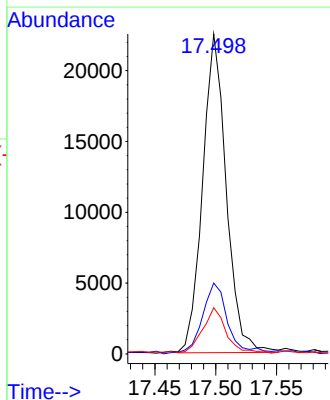
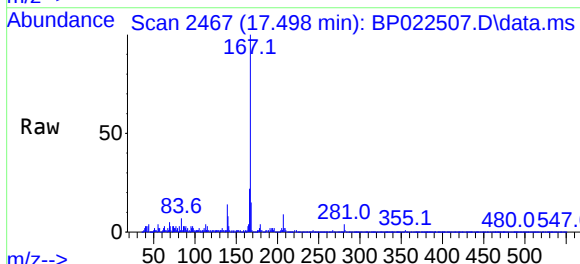
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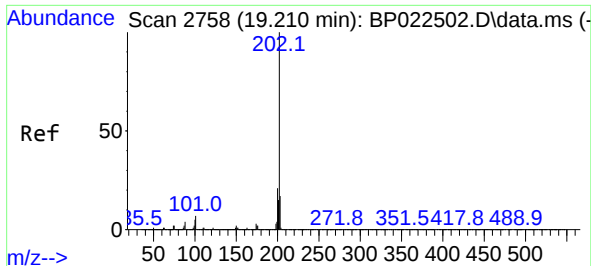
Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/25/2024



#77
 Carbazole
 Concen: 1.162 ng/u1
 RT: 17.498 min Scan# 2467
 Delta R.T. 0.000 min
 Lab File: BP022507.D
 Acq: 21 Oct 2024 16:06

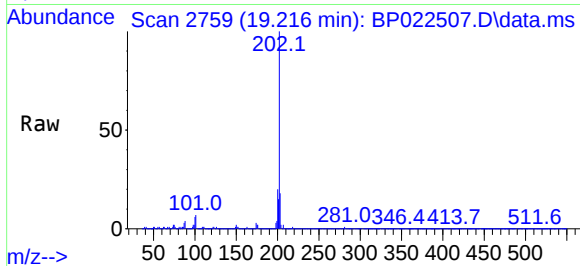
Tgt Ion:167 Resp: 30482
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.0 25.6
 139 14.4 10.3 15.5





#80
Fluoranthene
Concen: 19.130 ng/u1
RT: 19.216 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP022507.D
Acq: 21 Oct 2024 16:06

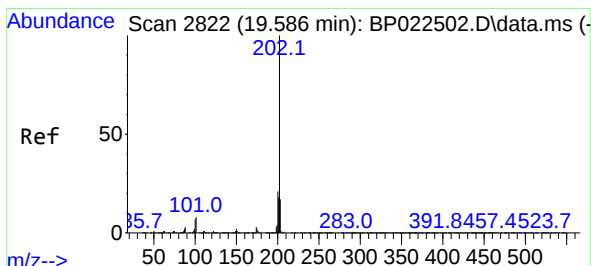
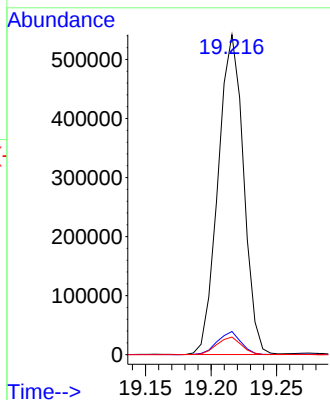
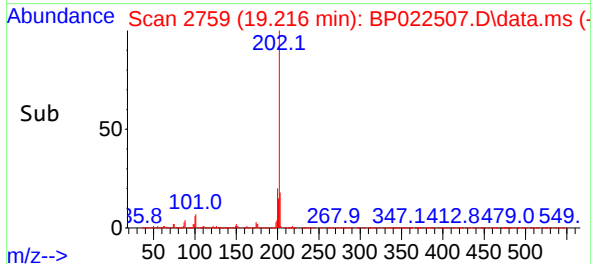
Instrument :
BNA_P
ClientSampleId :
A4FA6



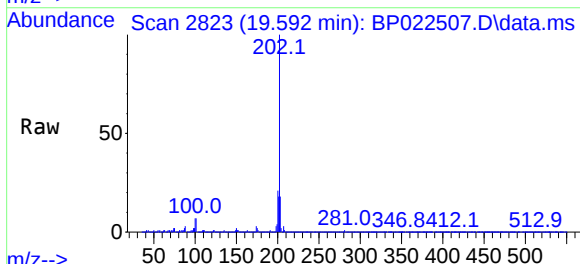
Tgt Ion:202 Resp: 73224
Ion Ratio Lower Upper
202 100
101 7.3 5.8 8.8
100 5.5 4.5 6.7

Manual Integrations
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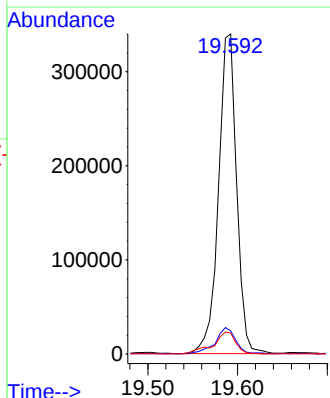
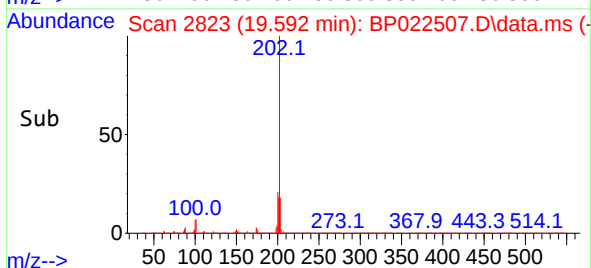
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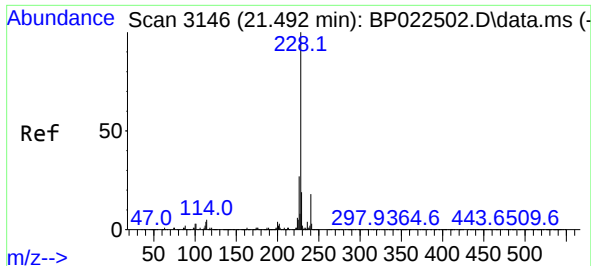


#82
Pyrene
Concen: 11.610 ng/u1
RT: 19.592 min Scan# 2823
Delta R.T. 0.006 min
Lab File: BP022507.D
Acq: 21 Oct 2024 16:06



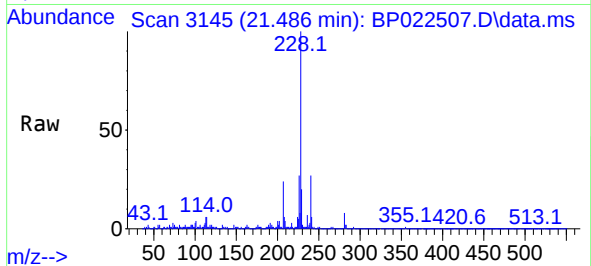
Tgt Ion:202 Resp: 476314
Ion Ratio Lower Upper
202 100
101 7.2 6.7 10.1
100 6.6 5.8 8.6





#85
Benzo(a)anthracene
Concen: 7.501 ng/u1
RT: 21.486 min Scan# 3146
Delta R.T. 0.006 min
Lab File: BP022507.D
Acq: 21 Oct 2024 16:06

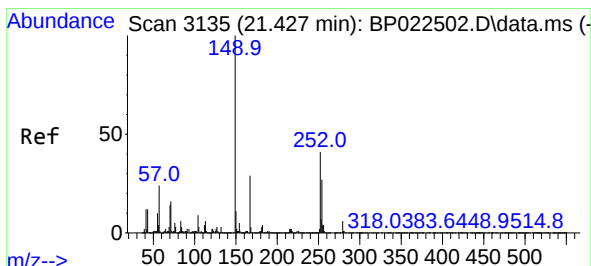
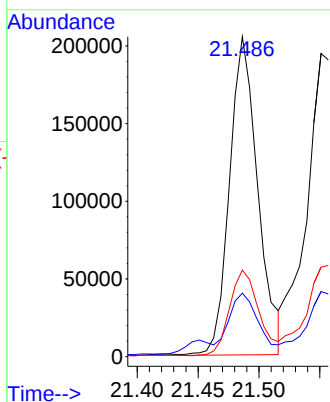
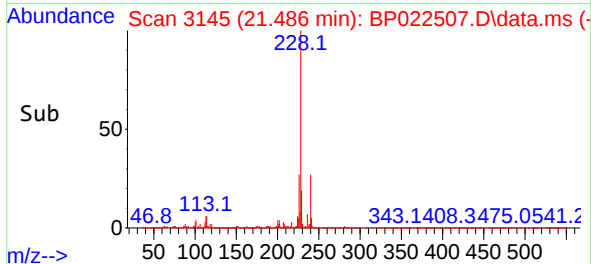
Instrument :
BNA_P
ClientSampleId :
A4FA6



Tgt Ion:228 Resp: 331079
Ion Ratio Lower Upper
228 100
229 19.9 15.4 23.0
226 27.0 21.5 32.3

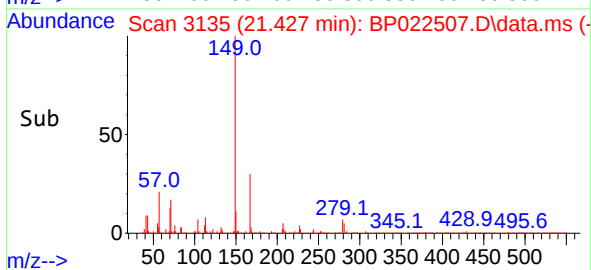
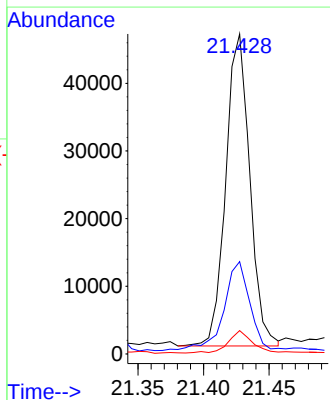
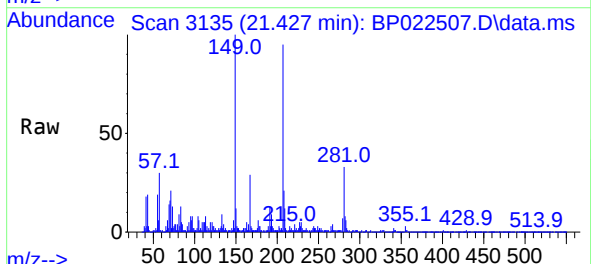
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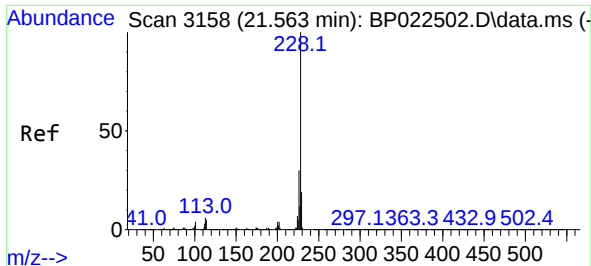
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.861 ng/u1
RT: 21.427 min Scan# 3135
Delta R.T. 0.012 min
Lab File: BP022507.D
Acq: 21 Oct 2024 16:06

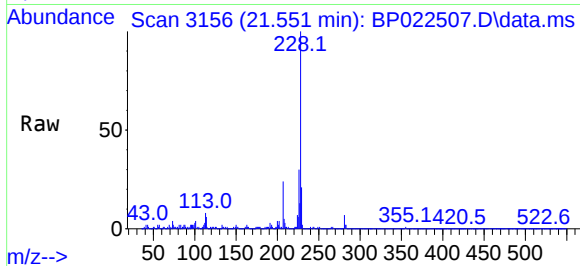
Tgt Ion:149 Resp: 58650
Ion Ratio Lower Upper
149 100
167 28.8 23.0 34.4
279 7.3 4.8 7.2#





#87
Chrysene
Concen: 8.631 ng/u1
RT: 21.551 min Scan# 3156
Delta R.T. 0.006 min
Lab File: BP022507.D
Acq: 21 Oct 2024 16:06

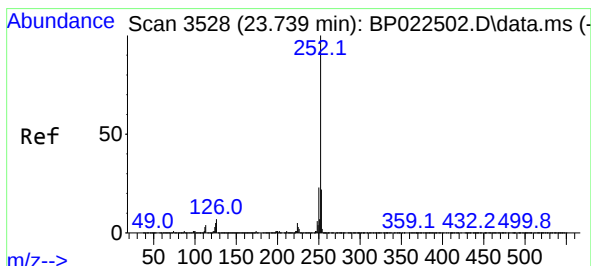
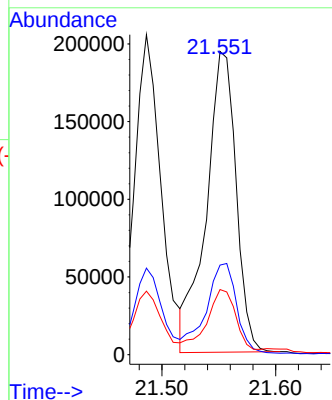
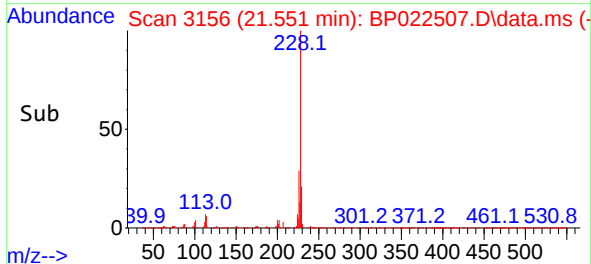
Instrument :
BNA_P
ClientSampleId :
A4FA6



Tgt Ion:228 Resp: 35325
Ion Ratio Lower Upper
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229 21.5 15.5 23.3

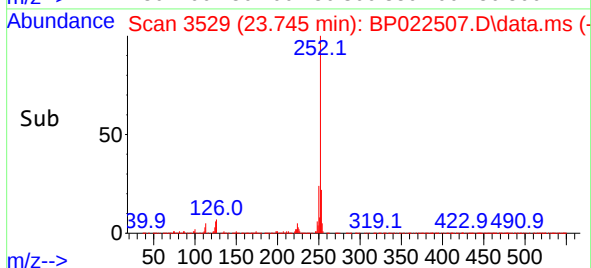
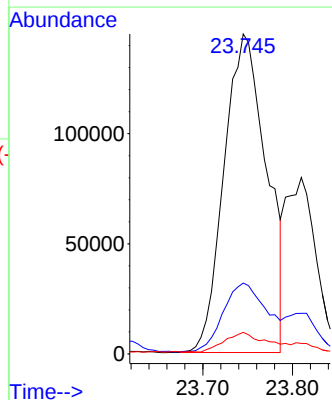
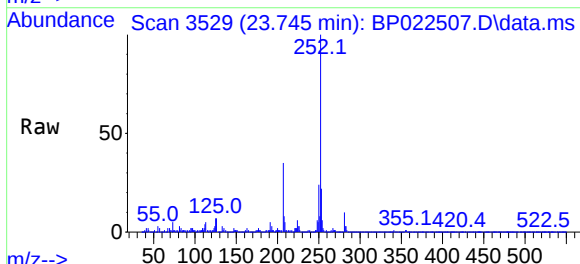
Manual Integrations
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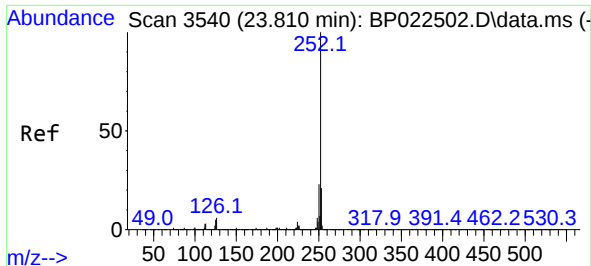
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



#90
Benzo(b)fluoranthene
Concen: 10.045 ng/u1
RT: 23.745 min Scan# 3529
Delta R.T. 0.024 min
Lab File: BP022507.D
Acq: 21 Oct 2024 16:06

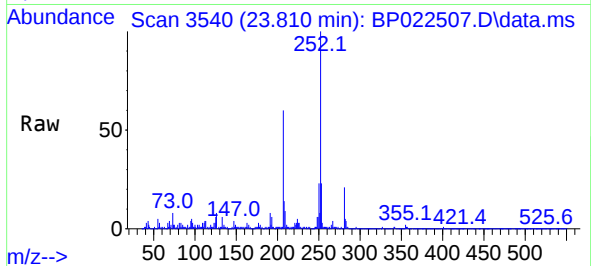
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Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 6.8 5.0 7.4





#91
Benzo(k)fluoranthene
Concen: 3.991 ng/ul m
RT: 23.810 min Scan# 3540
Delta R.T. 0.018 min
Lab File: BP022507.D
Acq: 21 Oct 2024 16:06

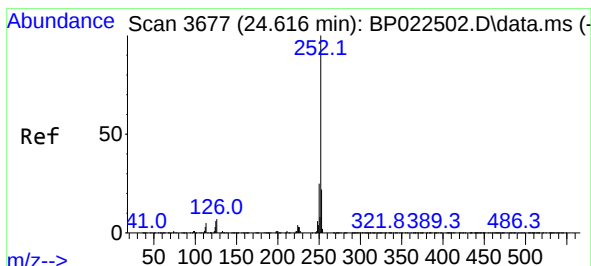
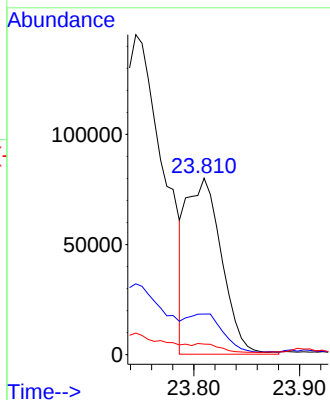
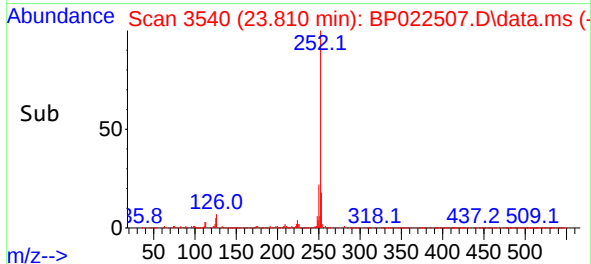
Instrument :
BNA_P
ClientSampleId :
A4FA6



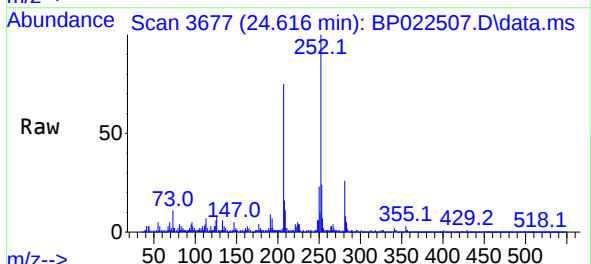
Tgt Ion:252 Resp: 185015
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 6.0 4.6 6.8

Manual Integrations
APPROVED

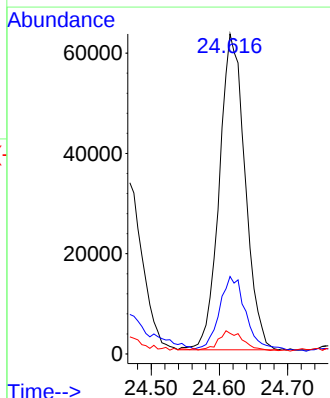
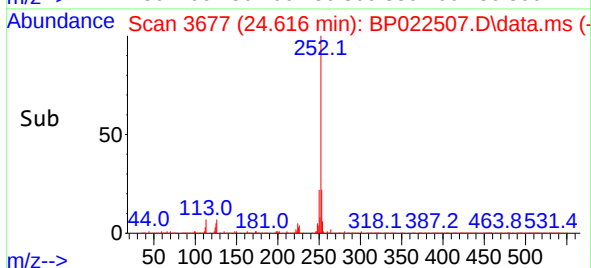
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024

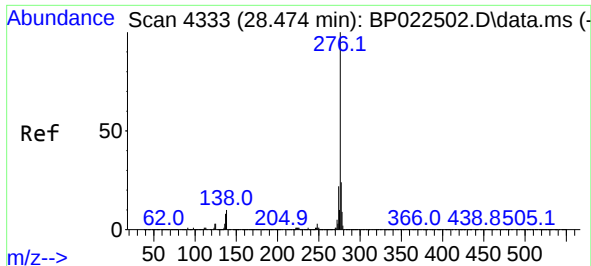


#93
Benzo(a)pyrene
Concen: 3.802 ng/ul
RT: 24.616 min Scan# 3677
Delta R.T. 0.012 min
Lab File: BP022507.D
Acq: 21 Oct 2024 16:06



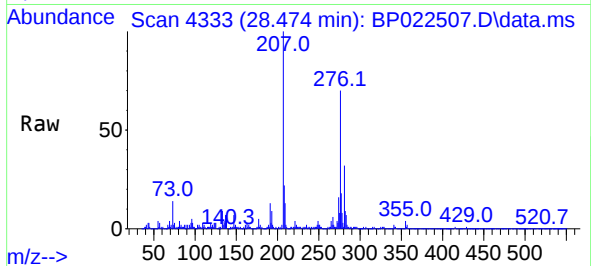
Tgt Ion:252 Resp: 165666
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 6.4 4.9 7.3





#94
Indeno(1,2,3-cd)pyrene
Concen: 3.193 ng/ul m
RT: 28.474 min Scan# 4333
Delta R.T. 0.042 min
Lab File: BP022507.D
Acq: 21 Oct 2024 16:06

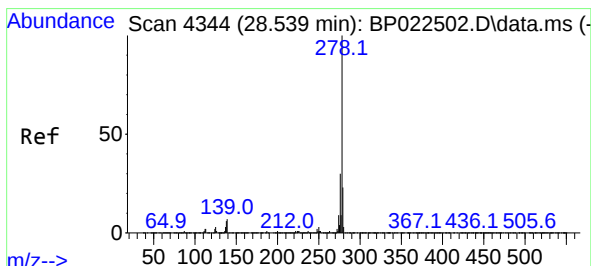
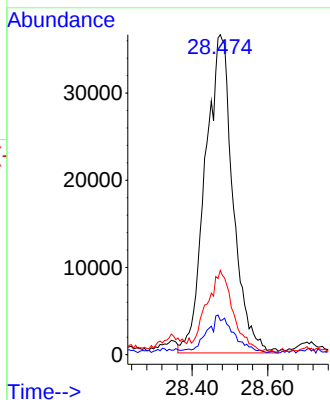
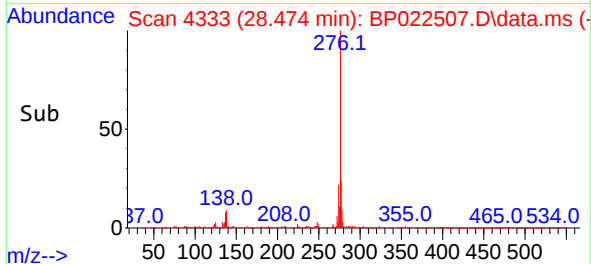
Instrument :
BNA_P
ClientSampleId :
A4FA6



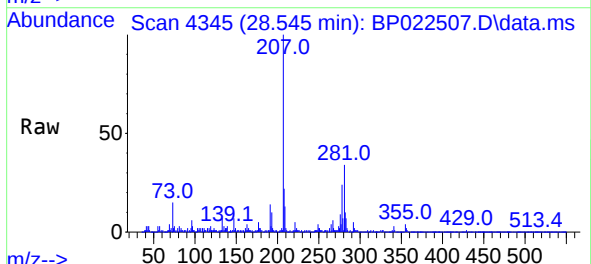
Tgt Ion:276 Resp: 185669
Ion Ratio Lower Upper
276 100
138 10.7 9.1 13.7
277 26.3 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



#95
Dibenzo(a,h)anthracene
Concen: 1.369 ng/ul m
RT: 28.545 min Scan# 4345
Delta R.T. 0.030 min
Lab File: BP022507.D
Acq: 21 Oct 2024 16:06



Tgt Ion:278 Resp: 64450
Ion Ratio Lower Upper
278 100
139 11.2 7.3 10.9#
279 28.4 19.0 28.4

