

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
 Data File : BP022748.D
 Acq On : 30 Oct 2024 23:14
 Operator : RC/JU
 Sample : P4493-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F34

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024

Quant Time: Oct 31 23:04:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	77334	20.000	ng/u1	0.00
20) Naphthalene-d8	10.387	136	306757	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.251	164	236670	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.057	188	566359	20.000	ng/u1	0.00
79) Chrysene-d12	21.498	240	600038	20.000	ng/u1	0.00
88) Perylene-d12	24.757	264	704229	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	3313	1.665	ng/uL	0.00
4) Pyridine-d5	3.617	84	5412	0.991	ng/u1	0.02
7) Phenol-d5	6.834	99	70554	10.838	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	40414	10.563	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	51297	11.105	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	40902	7.873	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	25419	10.777	ng/u1	0.00
24) 2-Nitrophenol-d4	9.493	143	29753	10.896	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	59581	10.266	ng/u1	0.00
31) 4-Chloroaniline-d4	10.552	131	8813m	1.285	ng/u1	0.01
46) Dimethylphthalate-d6	13.669	166	212975	11.326	ng/u1	0.00
49) Acenaphthylene-d8	13.940	160	224933	11.262	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.516	143	23337m	7.398	ng/u1	0.00
60) Fluorene-d10	15.263	176	194002	11.895	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	11451	3.074	ng/u1	0.01
73) Anthracene-d10	17.169	188	306691	11.511	ng/u1	0.00
81) Pyrene-d10	19.539	212	365865	11.530	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.521	264	331141	8.805	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.864	94	15373	2.270	ng/u1	96
16) Acetophenone	8.452	105	44065	5.138	ng/u1	97
30) Naphthalene	10.440	128	29461	1.803	ng/u1	95
52) Acenaphthene	14.328	153	42387	2.892	ng/u1	98
56) Dibenzofuran	14.675	168	46709	2.121	ng/u1	97
61) Fluorene	15.322	166	64482	3.594	ng/u1	96
72) Phenanthrene	17.104	178	1096180	36.177	ng/u1	99
74) Anthracene	17.204	178	222207	7.349	ng/u1	99
77) Carbazole	17.492	167	68166	2.548	ng/u1	98
80) Fluoranthene	19.192	202	1566670	42.948	ng/u1	99
82) Pyrene	19.575	202	1064519	27.227	ng/u1	97
85) Benzo(a)anthracene	21.480	228	621578	14.777	ng/u1	98
87) Chrysene	21.545	228	603967	15.485	ng/u1	98
90) Benzo(b)fluoranthene	23.727	252	763420	17.222	ng/u1	99
91) Benzo(k)fluoranthene	23.792	252	267331	6.160	ng/u1	97
93) Benzo(a)pyrene	24.604	252	315494m	7.733	ng/u1	
94) Indeno(1,2,3-cd)pyrene	28.445	276	266927	4.903	ng/u1	98
95) Dibenzo(a,h)anthracene	28.504	278	93635m	2.124	ng/u1	

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

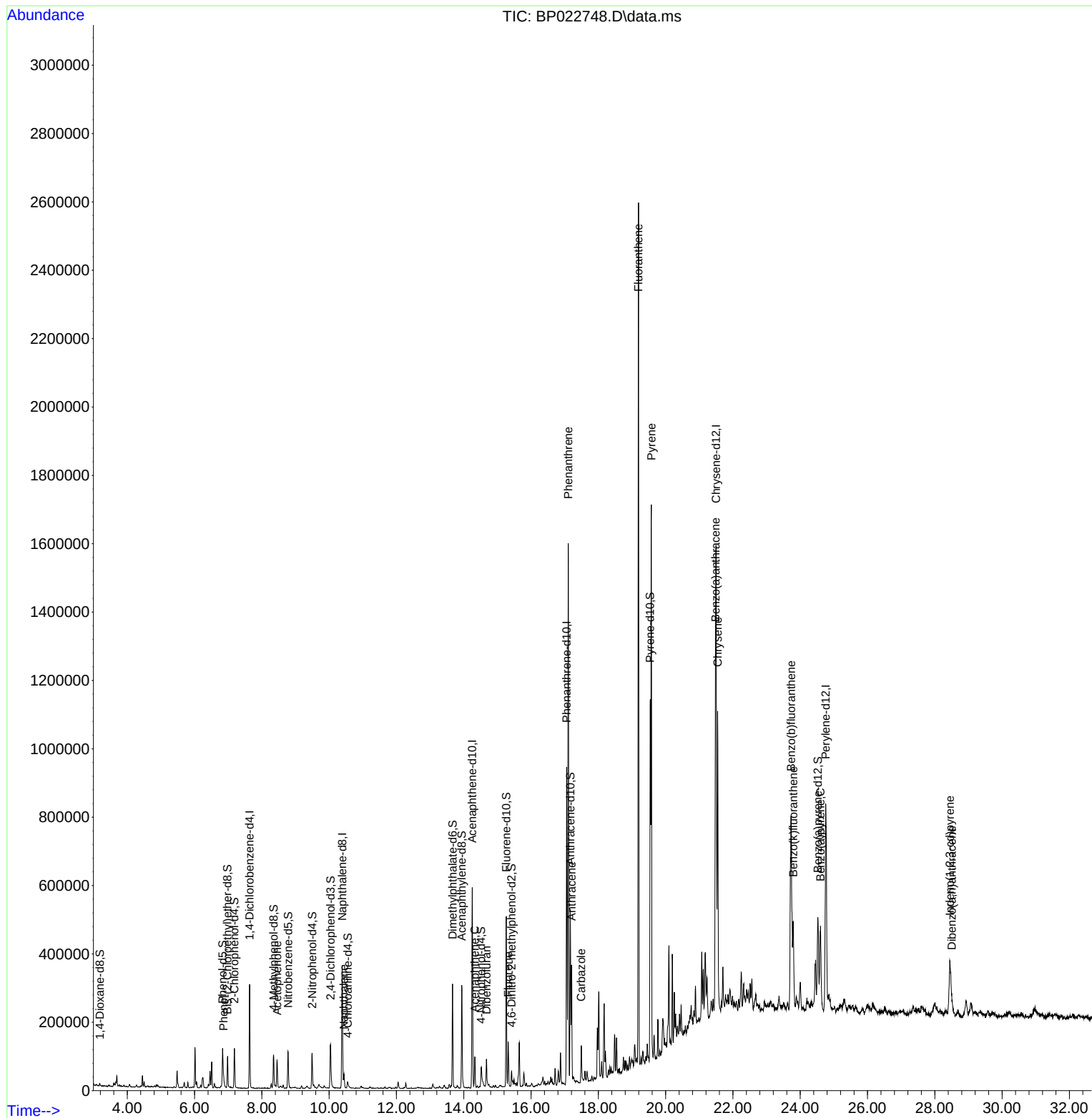
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
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ALS Vial : 14 Sample Multiplier: 1

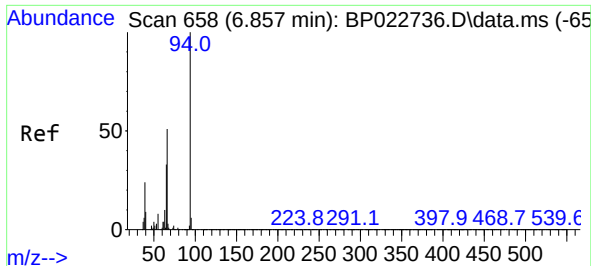
Instrument :
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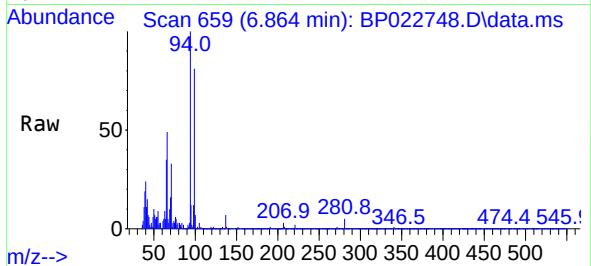
Quant Time: Oct 31 23:04:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration





#8
Phenol
Concen: 2.270 ng/u1
RT: 6.864 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP022748.D
Acq: 30 Oct 2024 23:14

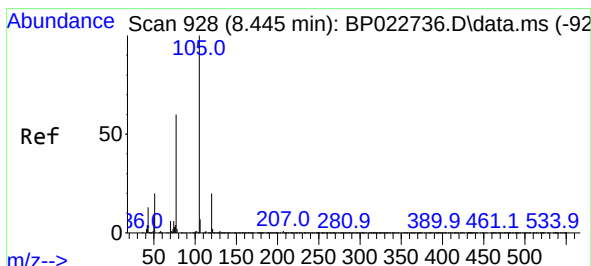
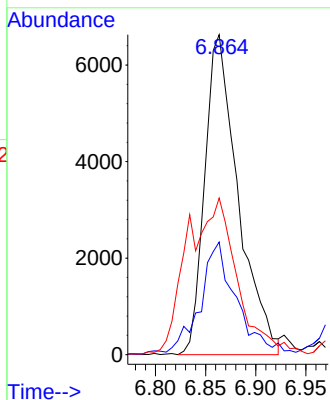
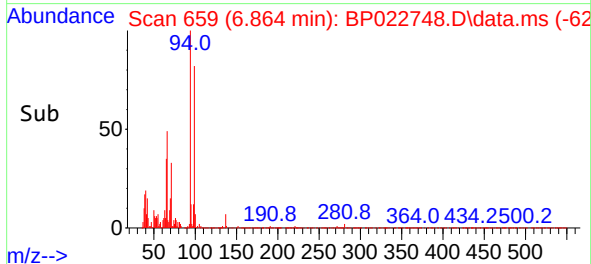
Instrument :
BNA_P
ClientSampleId :
A4F34



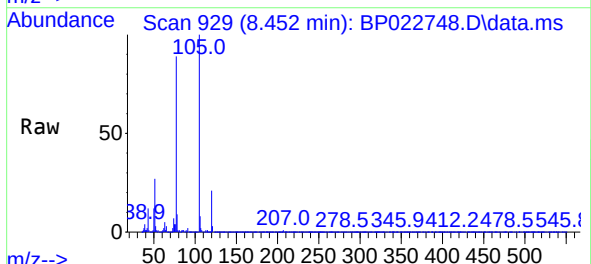
Tgt Ion: 94 Resp: 1537
Ion Ratio Lower Upper
94 100
65 35.2 25.9 38.9
66 48.9 37.6 56.4

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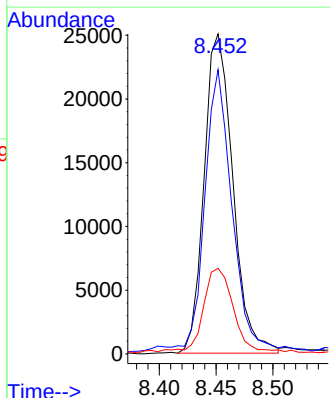
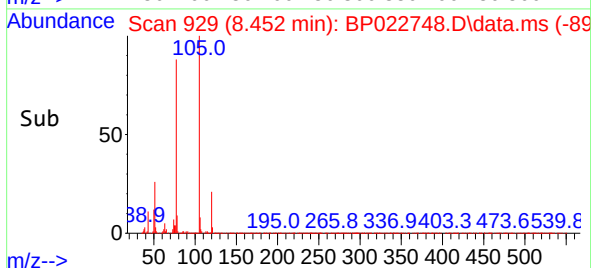
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

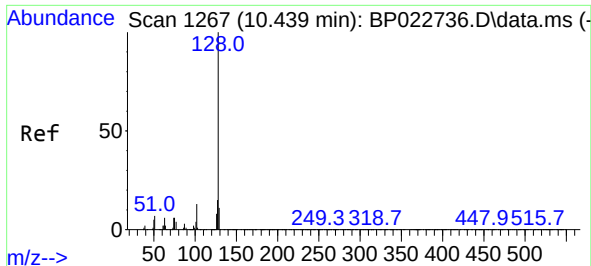


#16
Acetophenone
Concen: 5.138 ng/u1
RT: 8.452 min Scan# 929
Delta R.T. 0.000 min
Lab File: BP022748.D
Acq: 30 Oct 2024 23:14



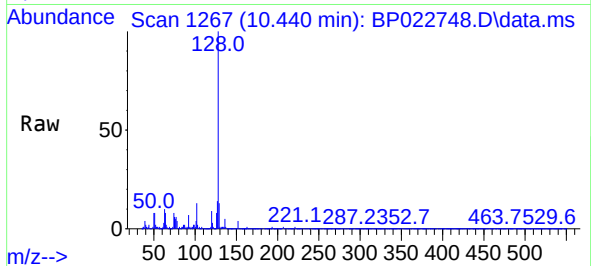
Tgt Ion:105 Resp: 44065
Ion Ratio Lower Upper
105 100
77 88.8 69.0 103.4
51 26.7 22.6 33.8





#30
Naphthalene
Concen: 1.803 ng/u1
RT: 10.440 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP022748.D
Acq: 30 Oct 2024 23:14

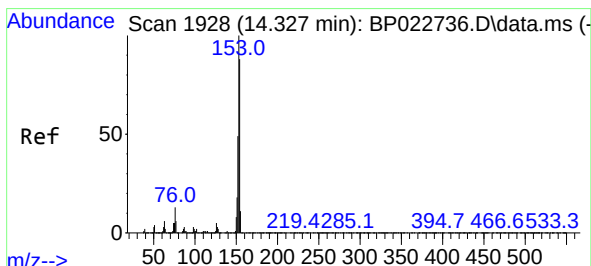
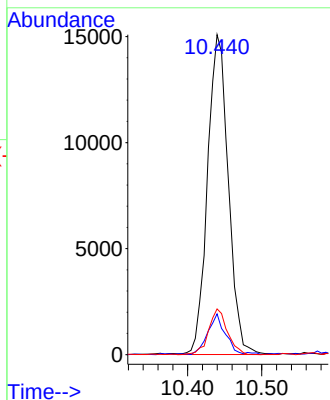
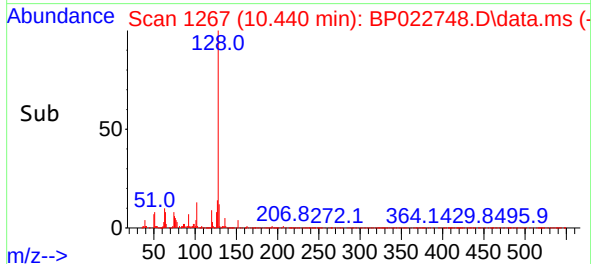
Instrument :
BNA_P
ClientSampleId :
A4F34



Tgt Ion:128 Resp: 2946
Ion Ratio Lower Upper
128 100
129 12.7 8.6 12.8
127 14.3 9.9 14.9

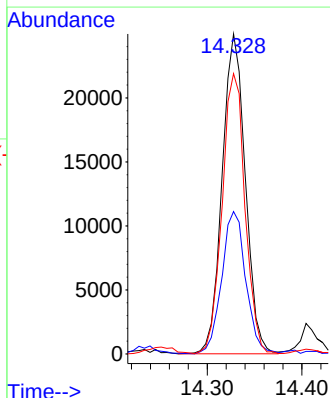
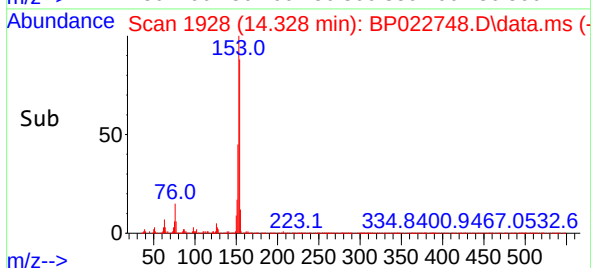
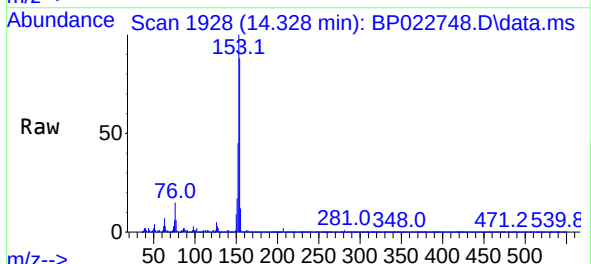
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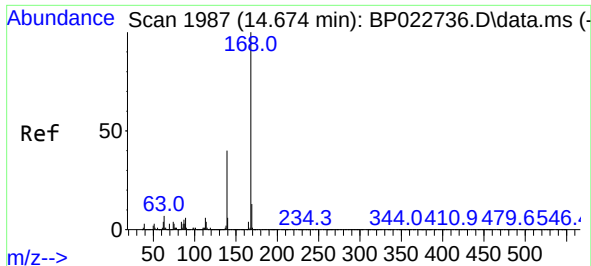
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#52
Acenaphthene
Concen: 2.892 ng/u1
RT: 14.328 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BP022748.D
Acq: 30 Oct 2024 23:14

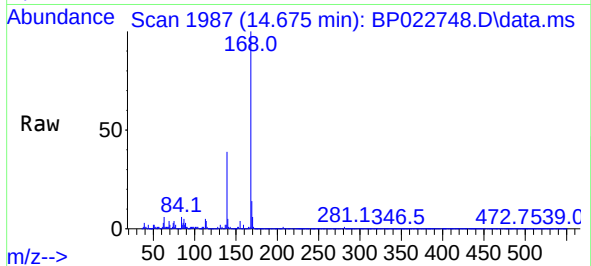
Tgt Ion:153 Resp: 42387
Ion Ratio Lower Upper
153 100
152 44.5 37.8 56.6
154 87.6 69.5 104.3





#56
Dibenzenofuran
Concen: 2.121 ng/ul
RT: 14.675 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BP022748.D
Acq: 30 Oct 2024 23:14

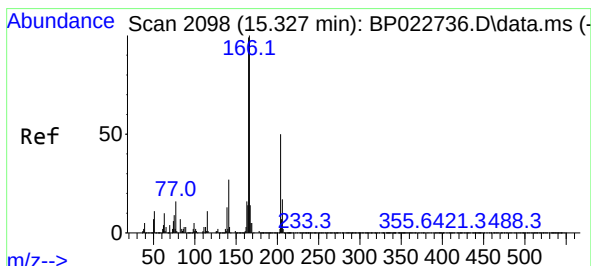
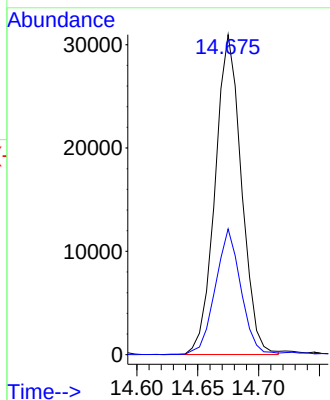
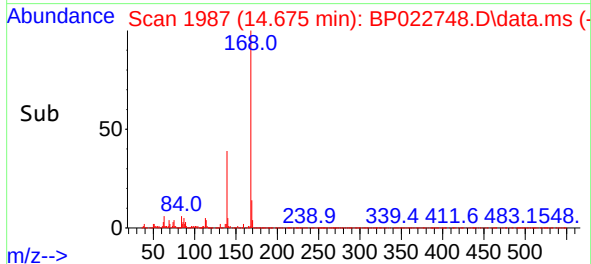
Instrument :
BNA_P
ClientSampleId :
A4F34



Tgt Ion:168 Resp: 46709
Ion Ratio Lower Upper
168 100
139 39.3 30.2 45.2

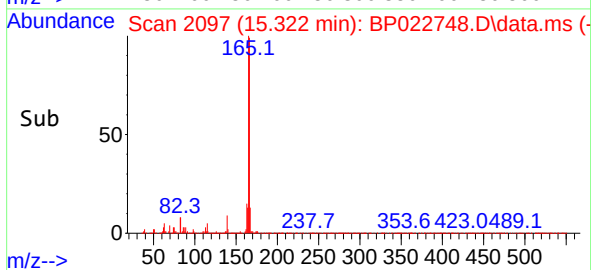
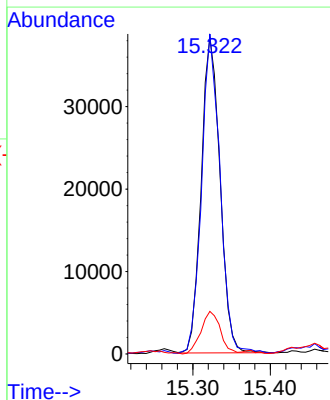
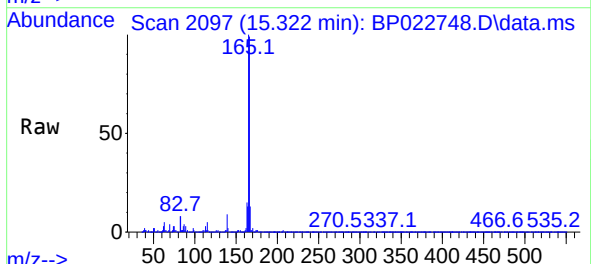
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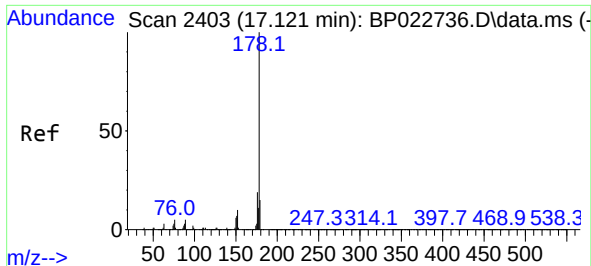
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#61
Fluorene
Concen: 3.594 ng/ul
RT: 15.322 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BP022748.D
Acq: 30 Oct 2024 23:14

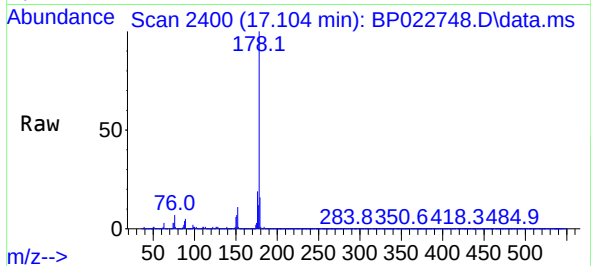
Tgt Ion:166 Resp: 64482
Ion Ratio Lower Upper
166 100
165 101.1 77.8 116.6
167 13.4 11.1 16.7





#72
Phenanthrene
Concen: 36.177 ng/u1
RT: 17.104 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BP022748.D
Acq: 30 Oct 2024 23:14

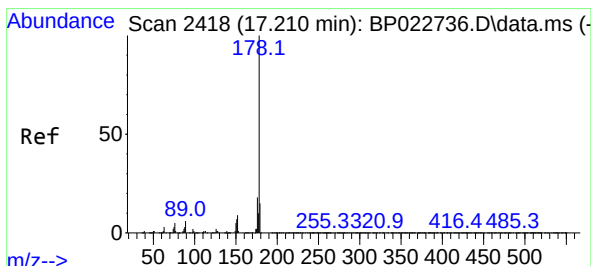
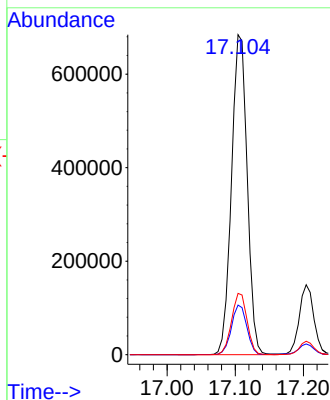
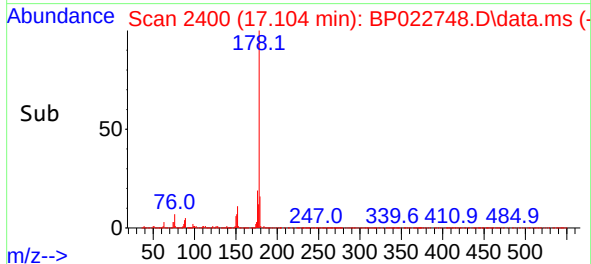
Instrument :
BNA_P
ClientSampleId :
A4F34



Tgt Ion:178 Resp: 1096180
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 19.1 15.7 23.5

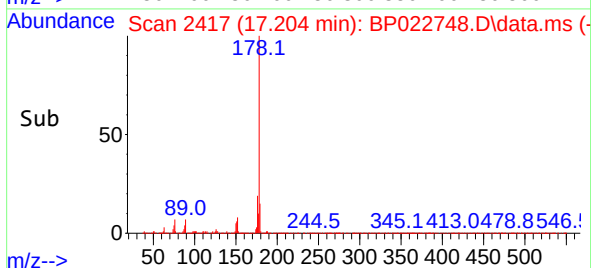
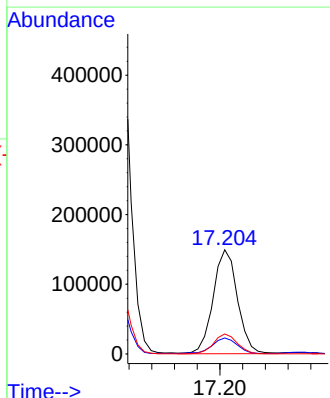
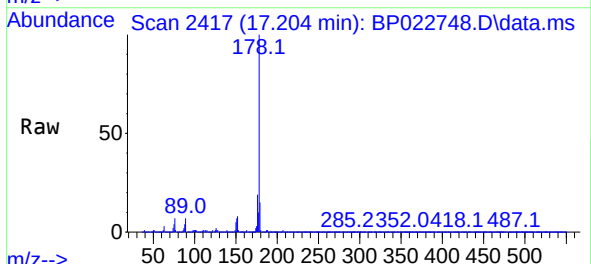
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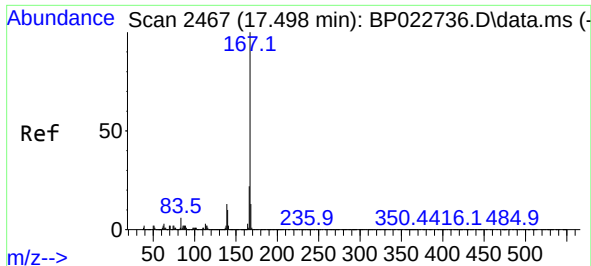
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#74
Anthracene
Concen: 7.349 ng/u1
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP022748.D
Acq: 30 Oct 2024 23:14

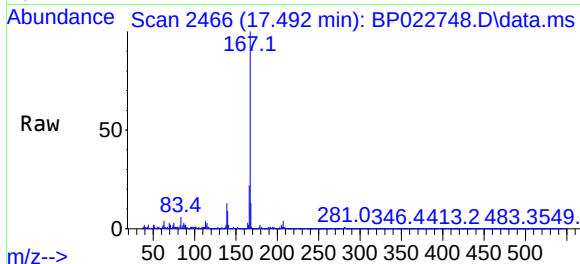
Tgt Ion:178 Resp: 222207
Ion Ratio Lower Upper
178 100
179 15.4 12.0 18.0
176 19.2 15.0 22.4





#77
 Carbazole
 Concen: 2.548 ng/ul
 RT: 17.492 min Scan# 2466
 Delta R.T. 0.012 min
 Lab File: BP022748.D
 Acq: 30 Oct 2024 23:14

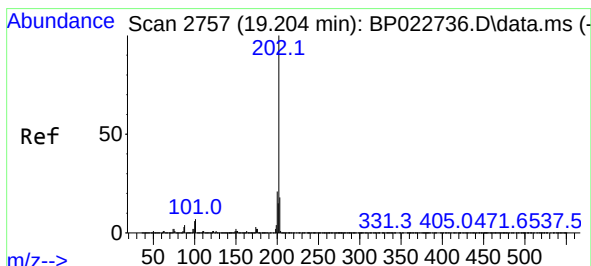
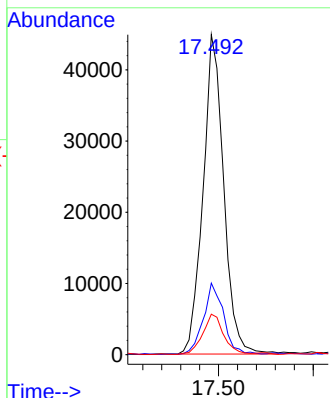
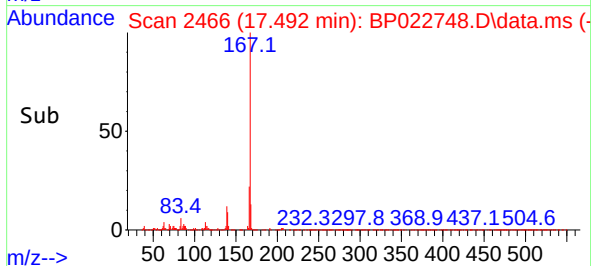
Instrument :
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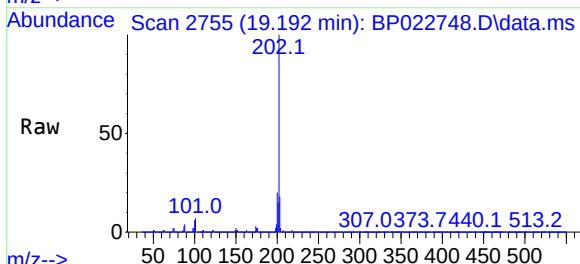
Tgt Ion:167 Resp: 68160
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.0 25.6
 139 12.6 10.3 15.5

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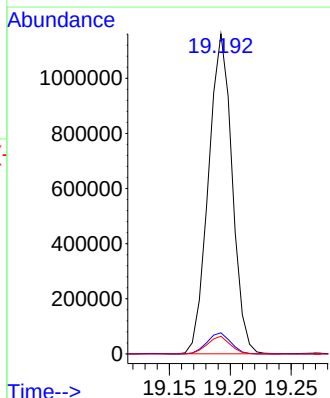
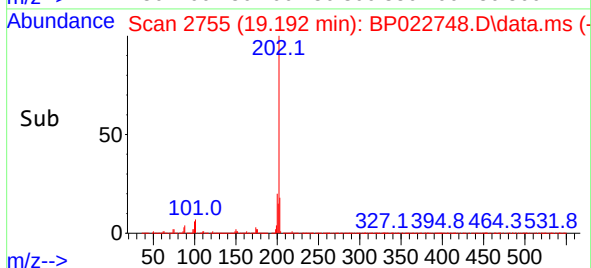
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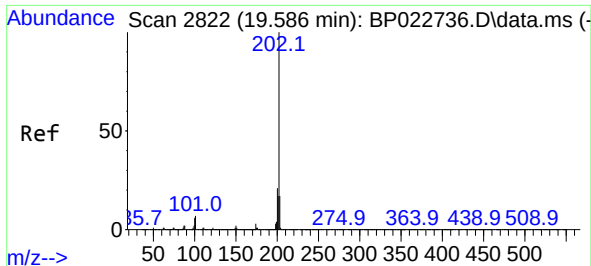


#80
 Fluoranthene
 Concen: 42.948 ng/ul
 RT: 19.192 min Scan# 2755
 Delta R.T. 0.000 min
 Lab File: BP022748.D
 Acq: 30 Oct 2024 23:14



Tgt Ion:202 Resp: 1566670
 Ion Ratio Lower Upper
 202 100
 101 6.6 5.8 8.8
 100 5.6 4.5 6.7





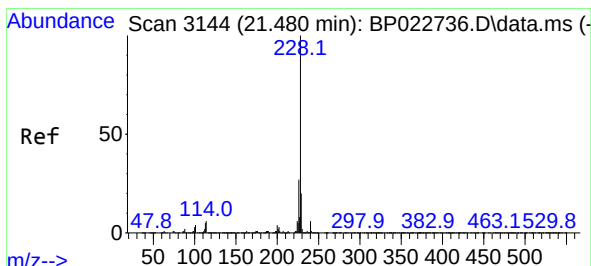
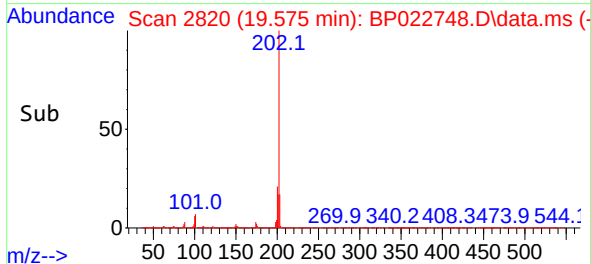
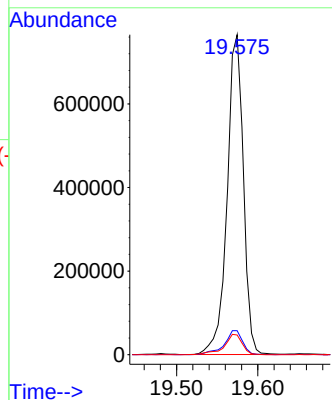
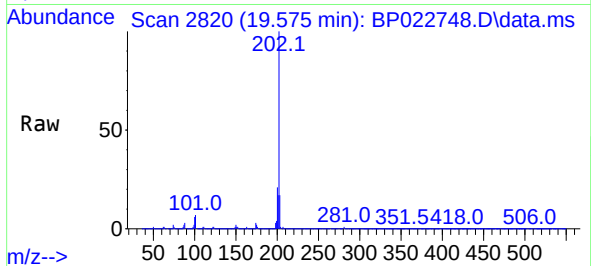
#82
Pyrene
Concen: 27.227 ng/ul
RT: 19.575 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP022748.D
Acq: 30 Oct 2024 23:14

Instrument :
BNA_P
ClientSampleId :
A4F34

Tgt Ion:202 Resp: 1064519
Ion Ratio Lower Upper
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101 7.5 6.7 10.1
100 6.2 5.8 8.6

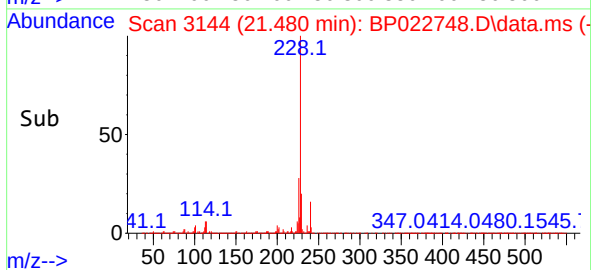
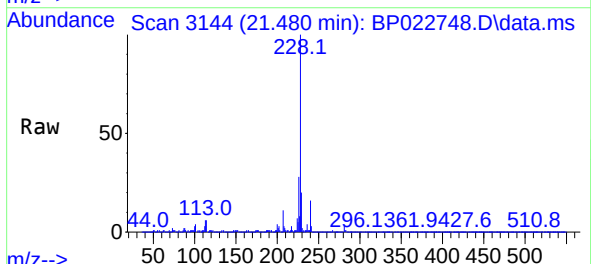
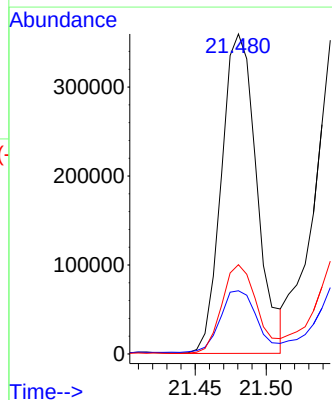
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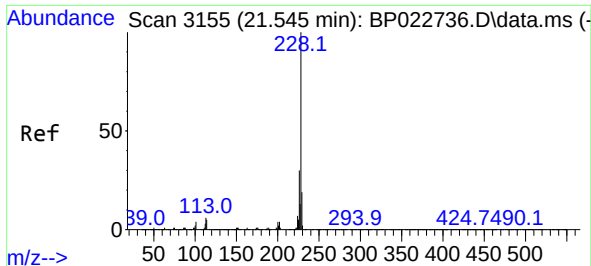
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#85
Benzo(a)anthracene
Concen: 14.777 ng/ul
RT: 21.480 min Scan# 3144
Delta R.T. 0.006 min
Lab File: BP022748.D
Acq: 30 Oct 2024 23:14

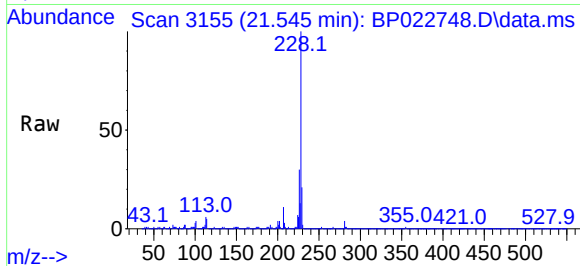
Tgt Ion:228 Resp: 621578
Ion Ratio Lower Upper
228 100
229 19.7 15.4 23.0
226 27.9 21.5 32.3





#87
Chrysene
Concen: 15.485 ng/u1
RT: 21.545 min Scan# 3155
Delta R.T. -0.006 min
Lab File: BP022748.D
Acq: 30 Oct 2024 23:14

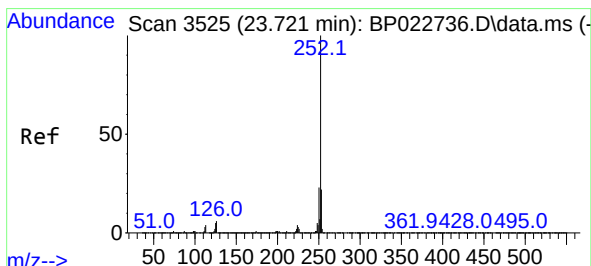
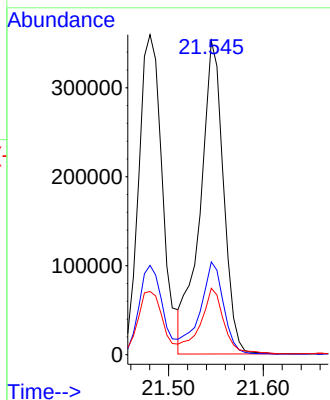
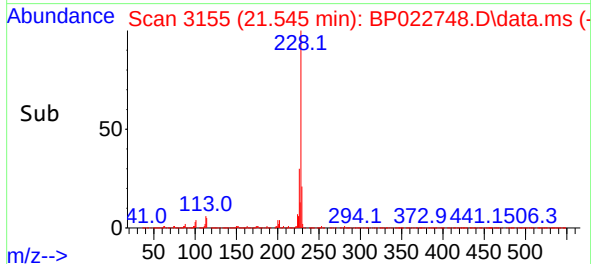
Instrument :
BNA_P
ClientSampleId :
A4F34



Tgt Ion:228 Resp: 60396
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.8
229 21.1 15.5 23.3

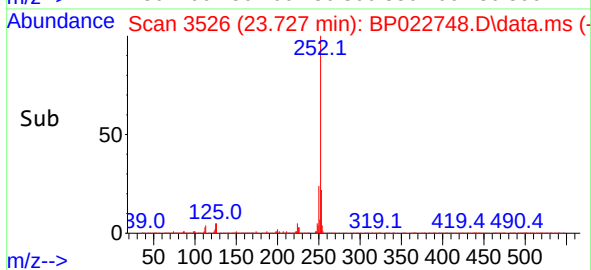
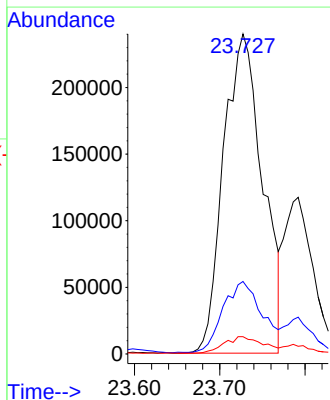
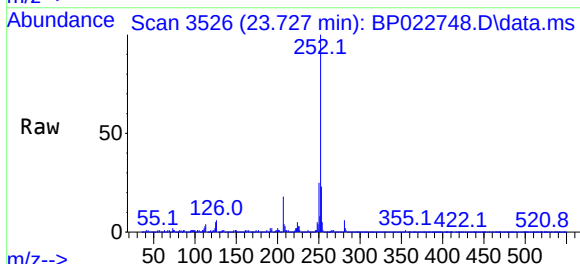
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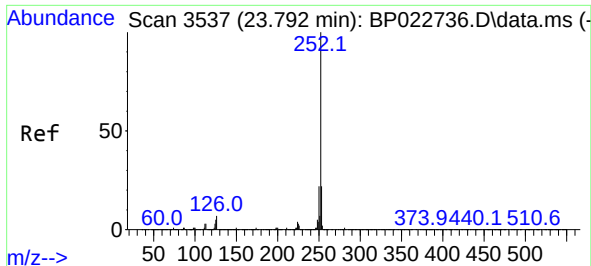
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#90
Benzo(b)fluoranthene
Concen: 17.222 ng/u1
RT: 23.727 min Scan# 3526
Delta R.T. 0.006 min
Lab File: BP022748.D
Acq: 30 Oct 2024 23:14

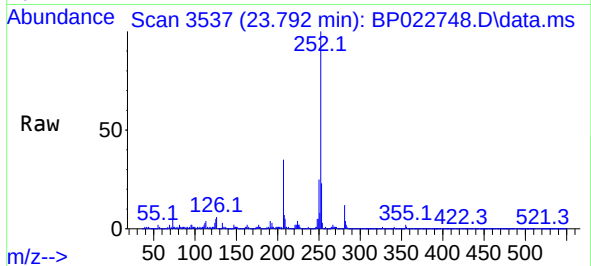
Tgt Ion:252 Resp: 763420
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 5.4 5.0 7.4





#91
Benzo(k)fluoranthene
Concen: 6.160 ng/u1
RT: 23.792 min Scan# 3537
Delta R.T. 0.000 min
Lab File: BP022748.D
Acq: 30 Oct 2024 23:14

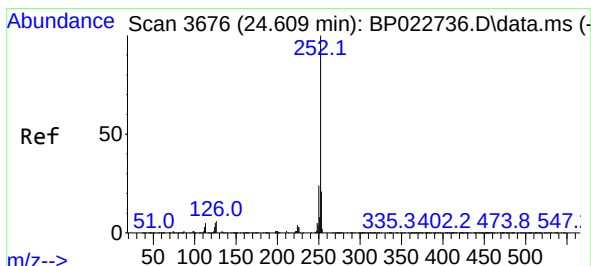
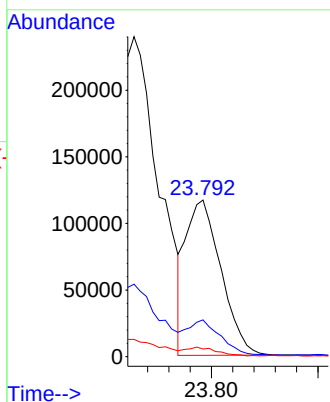
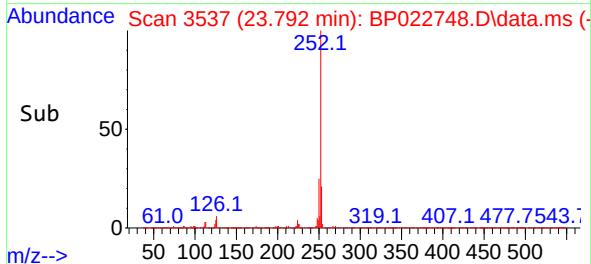
Instrument :
BNA_P
ClientSampleId :
A4F34



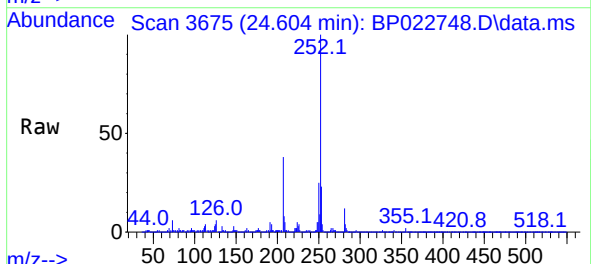
Tgt Ion:252 Resp: 26733
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.0
125 4.9 4.6 6.8

Manual Integrations
APPROVED

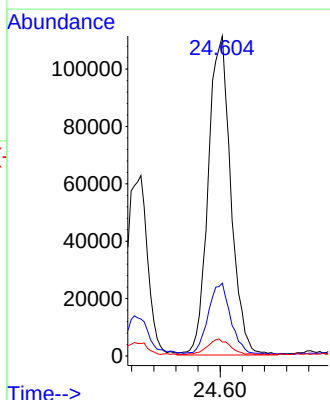
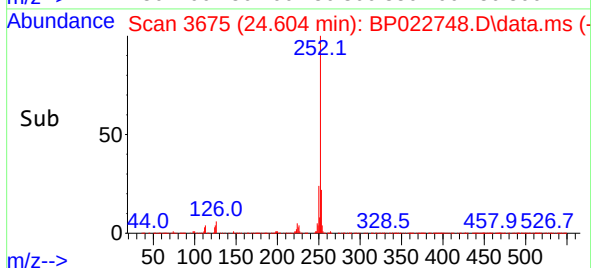
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

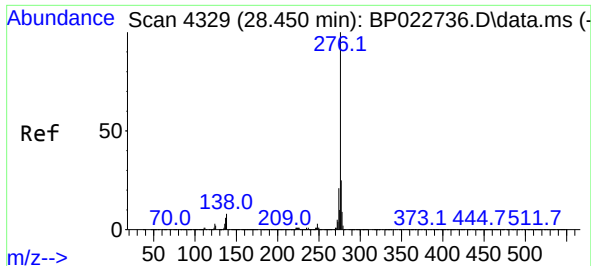


#93
Benzo(a)pyrene
Concen: 7.733 ng/u1 m
RT: 24.604 min Scan# 3675
Delta R.T. 0.006 min
Lab File: BP022748.D
Acq: 30 Oct 2024 23:14



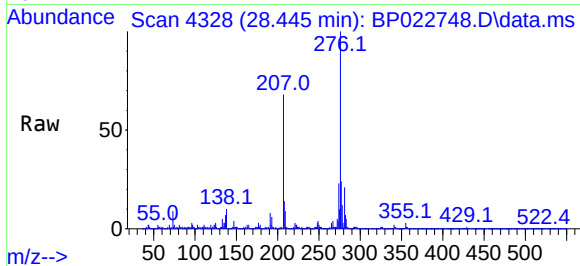
Tgt Ion:252 Resp: 315494
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 4.3 4.9 7.3#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 4.903 ng/ul
 RT: 28.445 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BP022748.D
 Acq: 30 Oct 2024 23:14

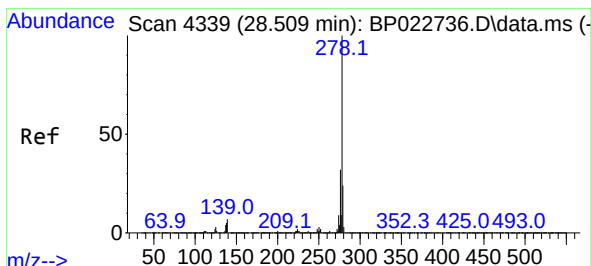
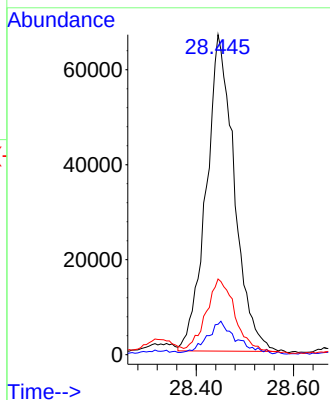
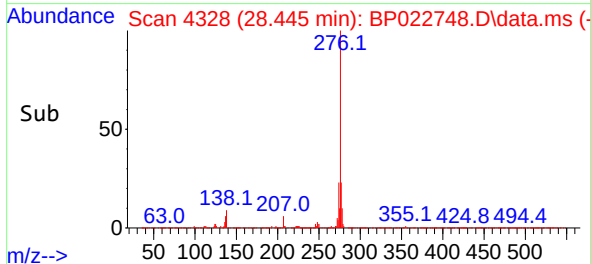
Instrument :
 BNA_P
 ClientSampleId :
 A4F34



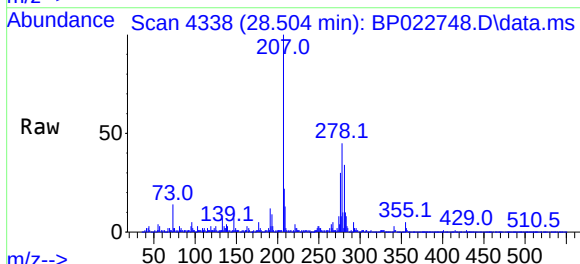
Tgt Ion:276 Resp: 26692
 Ion Ratio Lower Upper
 276 100
 138 9.5 9.1 13.7
 277 23.6 18.6 27.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024



#95
 Dibenzo(a,h)anthracene
 Concen: 2.124 ng/ul m
 RT: 28.504 min Scan# 4338
 Delta R.T. -0.006 min
 Lab File: BP022748.D
 Acq: 30 Oct 2024 23:14



Tgt Ion:278 Resp: 93635
 Ion Ratio Lower Upper
 278 100
 139 6.9 7.3 10.9#
 279 23.5 19.0 28.4

