

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
 Data File : BP022758.D
 Acq On : 31 Oct 2024 06:40
 Operator : RC/JU
 Sample : P4592-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7H04

Manual Integrations
 APPROVED

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

Quant Time: Nov 04 02:05:13 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	86901	20.000	ng/u1	0.00
20) Naphthalene-d8	10.392	136	342986	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	268989	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	648359	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	753163	20.000	ng/u1	0.00
88) Perylene-d12	24.745	264	930898	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	5758	2.575	ng/uL	0.00
4) Pyridine-d5	3.593	84	65852	10.727	ng/u1	0.00
7) Phenol-d5	6.834	99	117039	16.000	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	66203	15.398	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	86930	16.748	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	97790	16.751	ng/u1	0.00
21) Nitrobenzene-d5	8.775	128	43852	16.628	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	52976	17.351	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	110858	17.083	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	121353	15.826	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	373384	17.471	ng/u1	0.00
49) Acenaphthylene-d8	13.945	160	406663	17.915	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	43053	12.008	ng/u1	0.00
60) Fluorene-d10	15.275	176	337409	18.202	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.422	200	25832	6.058	ng/u1	0.02
73) Anthracene-d10	17.163	188	547263	17.943	ng/u1	0.00
81) Pyrene-d10	19.551	212	730460	18.340	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.533	264	934871	18.805	ng/u1	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.434	128	83162	4.552	ng/u1	97
36) 2-Methylnaphthalene	12.057	142	38493	2.870	ng/u1	97
37) 1-Methylnaphthalene	12.275	142	21083	1.540	ng/u1	94
52) Acenaphthene	14.316	153	135993	8.163	ng/u1	98
56) Dibenzofuran	14.657	168	109916	4.392	ng/u1	99
61) Fluorene	15.328	166	146423	7.181	ng/u1	98
72) Phenanthrene	17.110	178	1169620	33.718	ng/u1	100
74) Anthracene	17.192	178	256473	7.409	ng/u1	97
77) Carbazole	17.480	167	75571	2.467	ng/u1	95
80) Fluoranthene	19.204	202	1413643	30.874	ng/u1	98
82) Pyrene	19.580	202	1107006	22.557	ng/u1	96
85) Benzo(a)anthracene	21.474	228	424560	8.041	ng/u1	99
87) Chrysene	21.545	228	452243	9.237	ng/u1	96
90) Benzo(b)fluoranthene	23.727	252	523285	8.930	ng/u1#	98
91) Benzo(k)fluoranthene	23.792	252	152774m	2.663	ng/u1	
93) Benzo(a)pyrene	24.598	252	277924m	5.153	ng/u1	
94) Indeno(1,2,3-cd)pyrene	28.456	276	161605m	2.246	ng/u1	
96) Benzo(g,h,i)perylene	29.586	276	141773m	2.533	ng/u1	

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

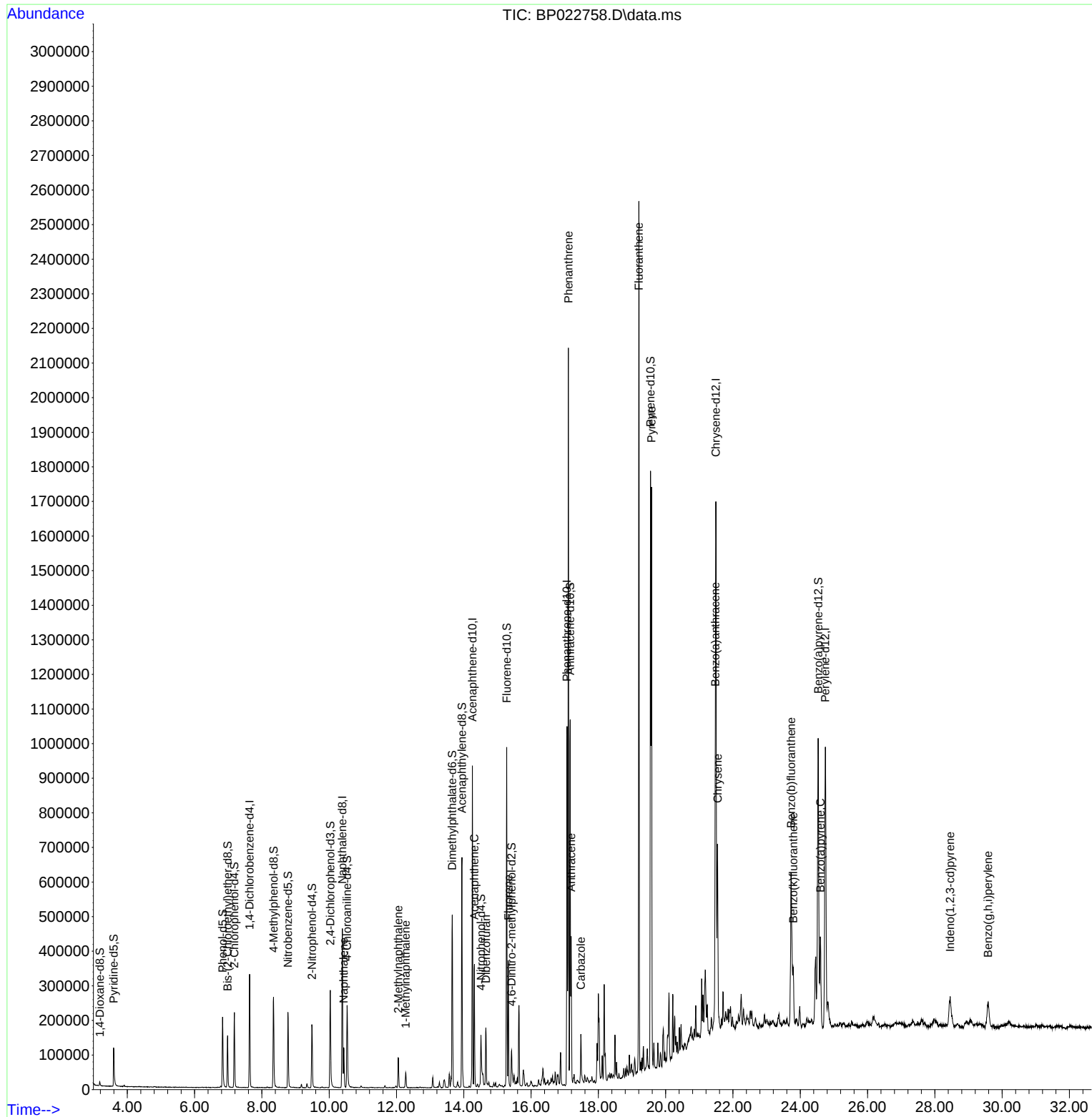
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022758.D
Acq On : 31 Oct 2024 06:40
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

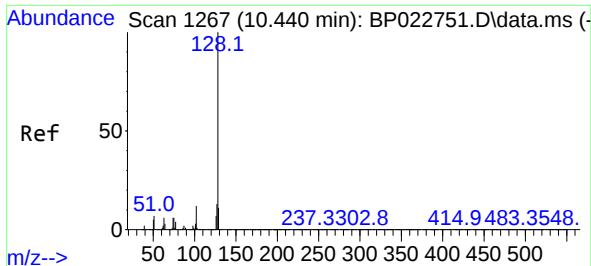
Instrument :
BNA_P
ClientSampleId :
F7H04

Quant Time: Nov 04 02:05:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
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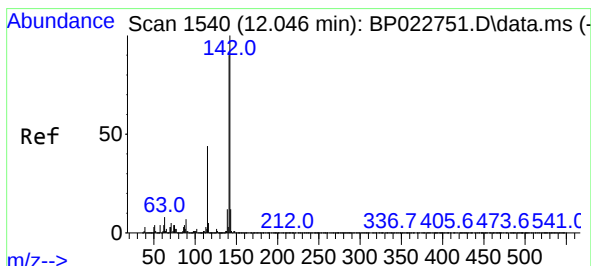
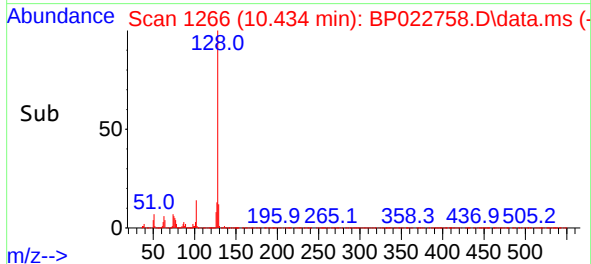
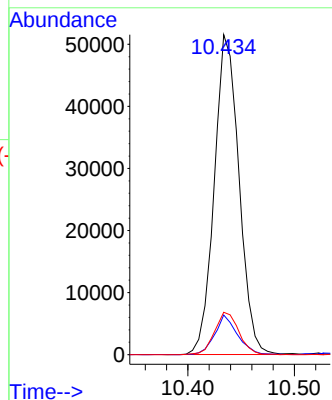
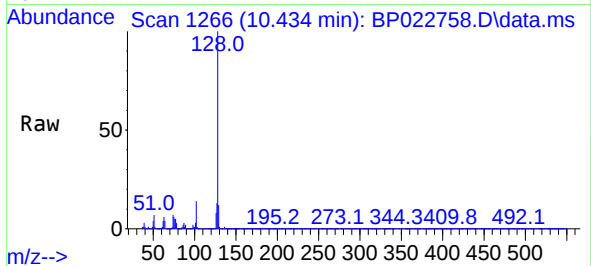
#30
Naphthalene
Concen: 4.552 ng/ul
RT: 10.434 min Scan# 1267
Delta R.T. -0.012 min
Lab File: BP022758.D
Acq: 31 Oct 2024 06:40

Instrument :
BNA_P
ClientSampleId :
F7H04

Tgt Ion:128 Resp: 83162
Ion Ratio Lower Upper
128 100
129 12.4 8.6 12.8
127 13.2 9.9 14.9

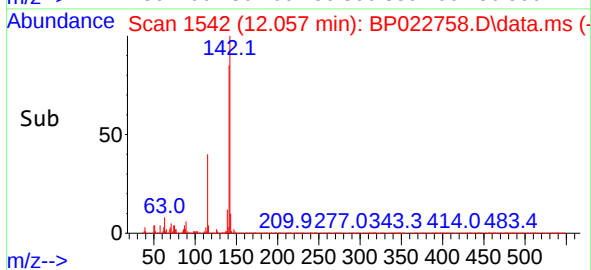
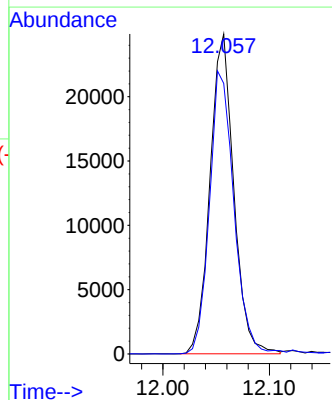
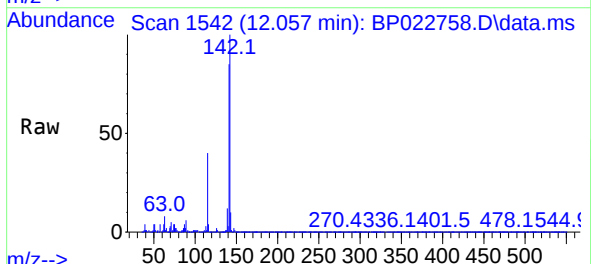
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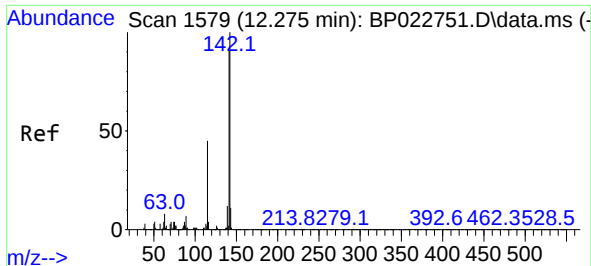
Reviewed By :Yogesh Patel 11/04/2024
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#36
2-Methylnaphthalene
Concen: 2.870 ng/ul
RT: 12.057 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BP022758.D
Acq: 31 Oct 2024 06:40

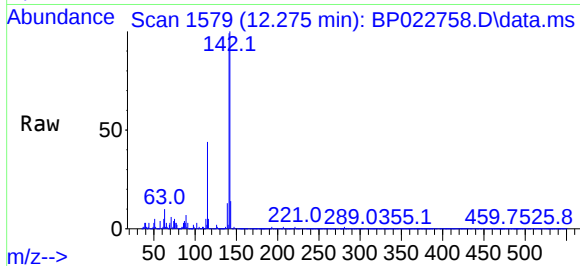
Tgt Ion:142 Resp: 38493
Ion Ratio Lower Upper
142 100
141 84.6 69.8 104.6





#37
1-Methylnaphthalene
Concen: 1.540 ng/ul
RT: 12.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP022758.D
Acq: 31 Oct 2024 06:40

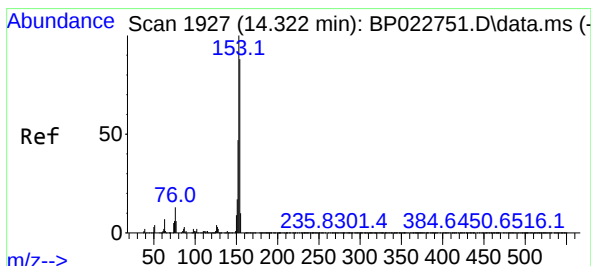
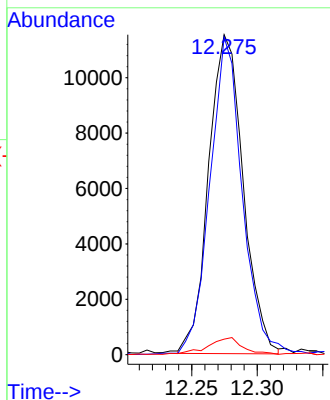
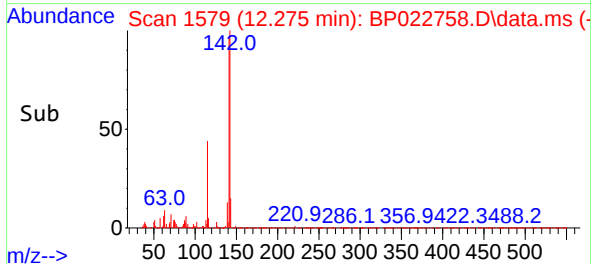
Instrument :
BNA_P
ClientSampleId :
F7H04



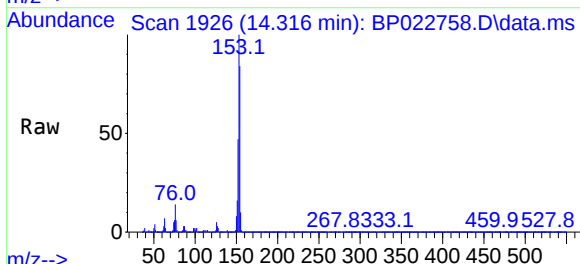
Tgt Ion:142 Resp: 2108
Ion Ratio Lower Upper
142 100
141 99.2 74.8 112.2
116 4.8 4.1 6.1

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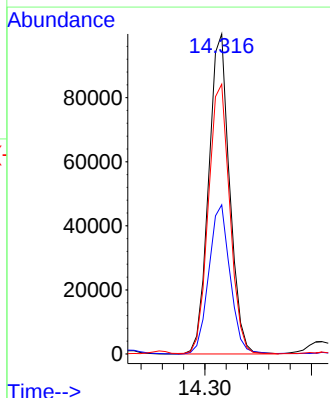
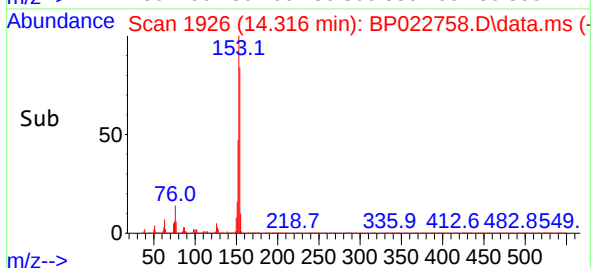
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

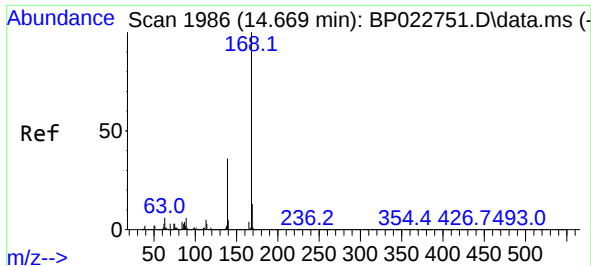


#52
Acenaphthene
Concen: 8.163 ng/ul
RT: 14.316 min Scan# 1926
Delta R.T. -0.012 min
Lab File: BP022758.D
Acq: 31 Oct 2024 06:40



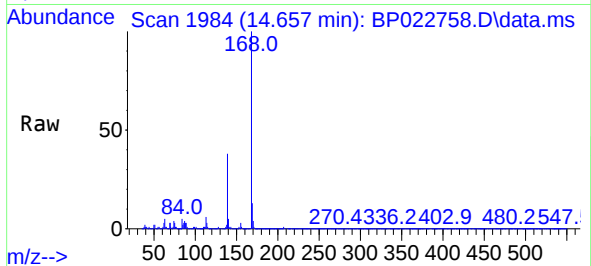
Tgt Ion:153 Resp: 135993
Ion Ratio Lower Upper
153 100
152 46.6 37.8 56.6
154 84.3 69.5 104.3





#56
Dibenzofuran
Concen: 4.392 ng/ul
RT: 14.657 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BP022758.D
Acq: 31 Oct 2024 06:40

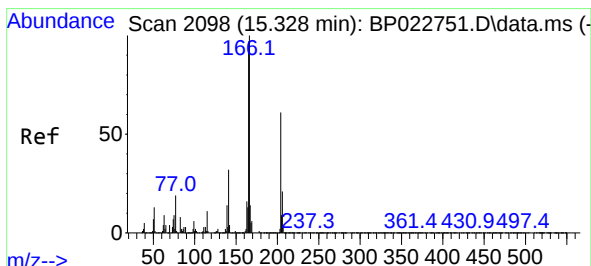
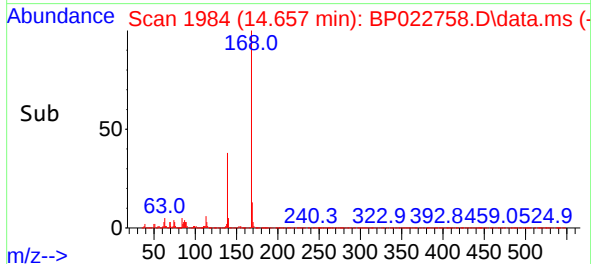
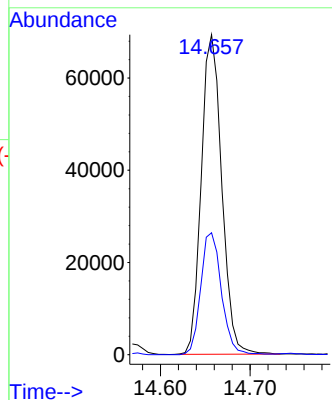
Instrument :
BNA_P
ClientSampleId :
F7H04



Tgt Ion:168 Resp: 109910
Ion Ratio Lower Upper
168 100
139 38.1 30.2 45.2

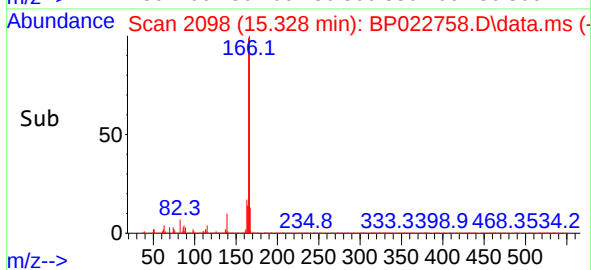
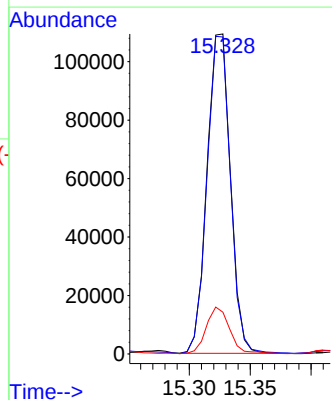
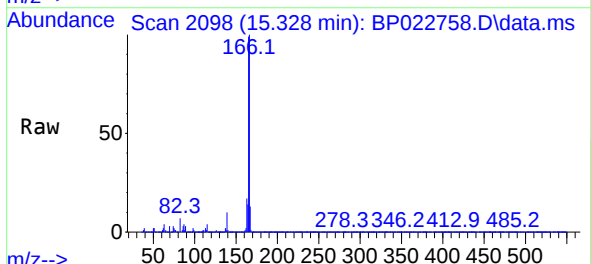
Manual Integrations
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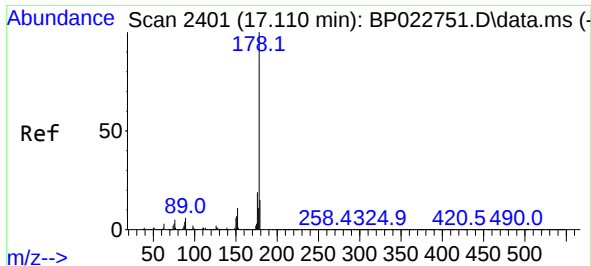
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#61
Fluorene
Concen: 7.181 ng/ul
RT: 15.328 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BP022758.D
Acq: 31 Oct 2024 06:40

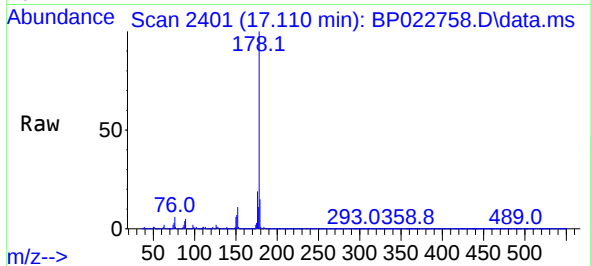
Tgt Ion:166 Resp: 146423
Ion Ratio Lower Upper
166 100
165 99.1 77.8 116.6
167 13.1 11.1 16.7





#72
Phenanthrene
Concen: 33.718 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP022758.D
Acq: 31 Oct 2024 06:40

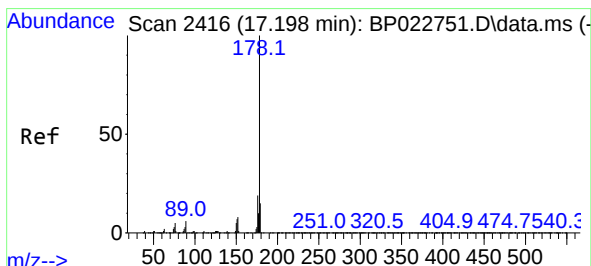
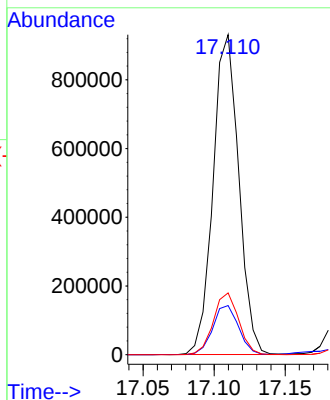
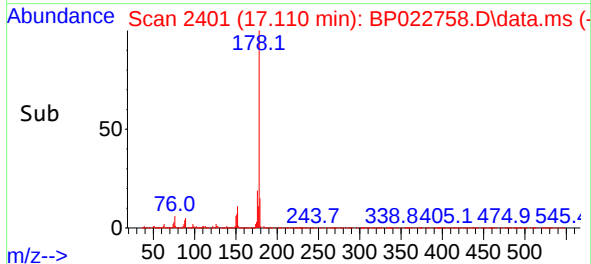
Instrument :
BNA_P
ClientSampleId :
F7H04



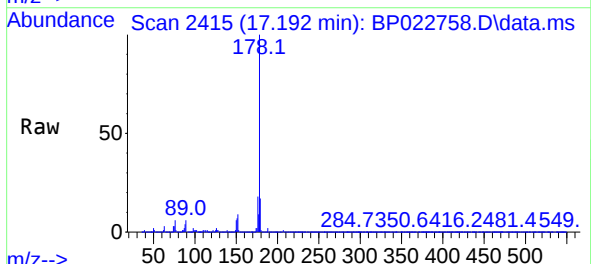
Tgt Ion:178 Resp: 1169620
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 19.3 15.7 23.5

Manual Integrations
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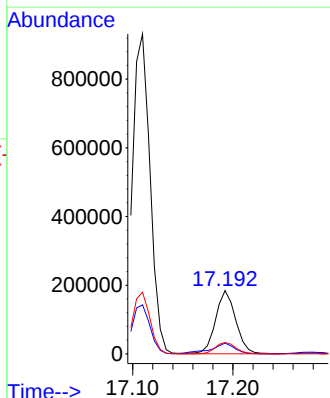
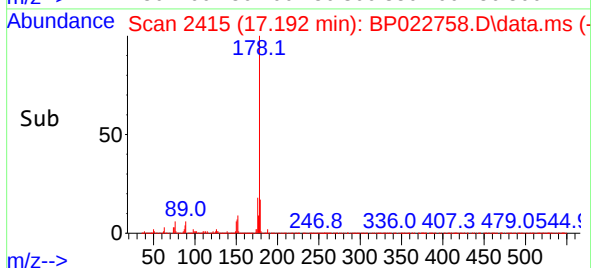
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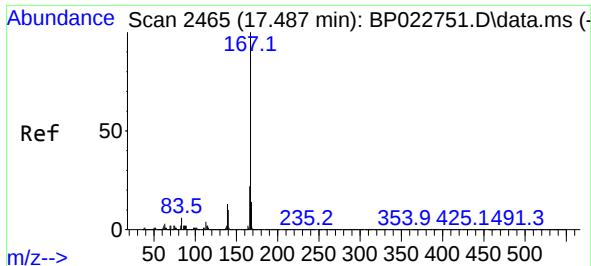


#74
Anthracene
Concen: 7.409 ng/ul
RT: 17.192 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP022758.D
Acq: 31 Oct 2024 06:40



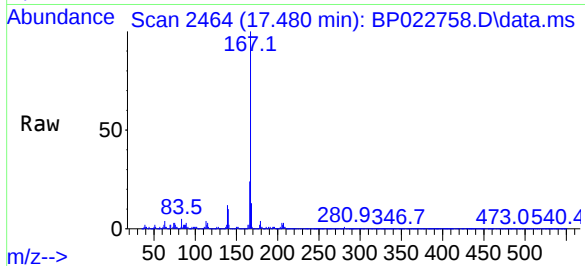
Tgt Ion:178 Resp: 256473
Ion Ratio Lower Upper
178 100
179 17.1 12.0 18.0
176 18.2 15.0 22.4





#77
 Carbazole
 Concen: 2.467 ng/u1
 RT: 17.480 min Scan# 2465
 Delta R.T. -0.000 min
 Lab File: BP022758.D
 Acq: 31 Oct 2024 06:40

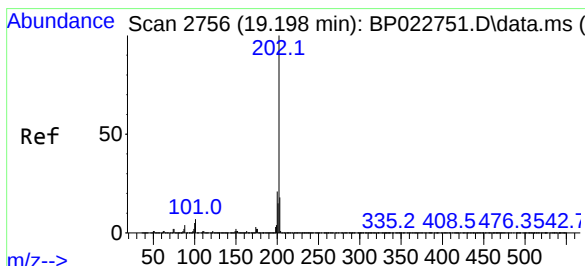
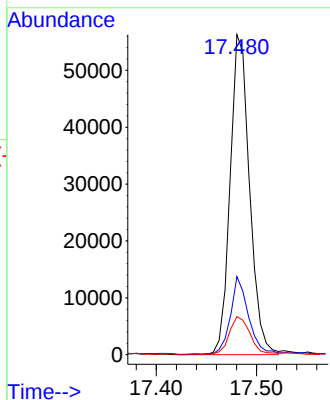
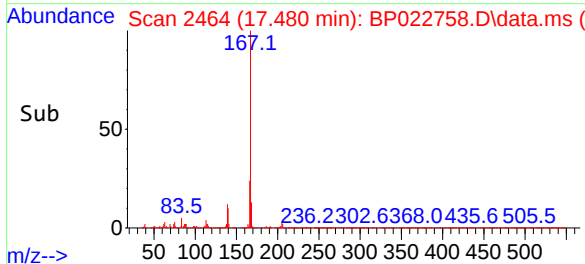
Instrument :
 BNA_P
 ClientSampleId :
 F7H04



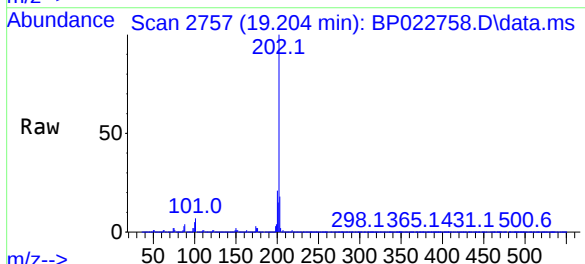
Tgt Ion:167 Resp: 7557
 Ion Ratio Lower Upper
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 166 24.4 17.0 25.6
 139 11.9 10.3 15.5

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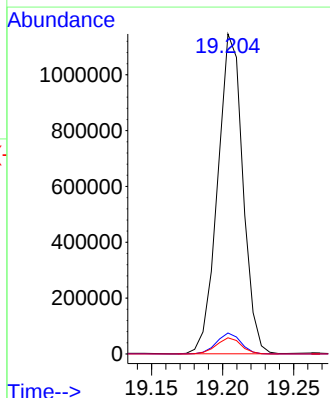
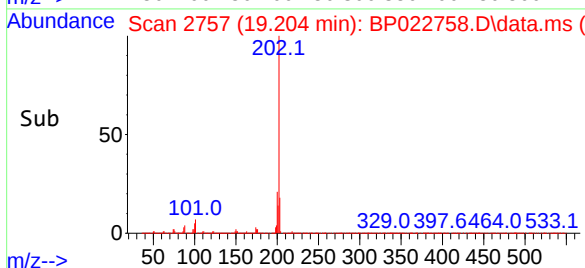
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024

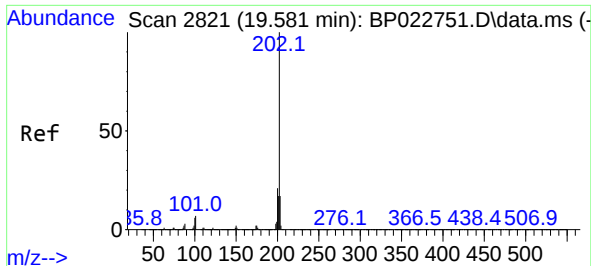


#80
 Fluoranthene
 Concen: 30.874 ng/u1
 RT: 19.204 min Scan# 2757
 Delta R.T. 0.012 min
 Lab File: BP022758.D
 Acq: 31 Oct 2024 06:40



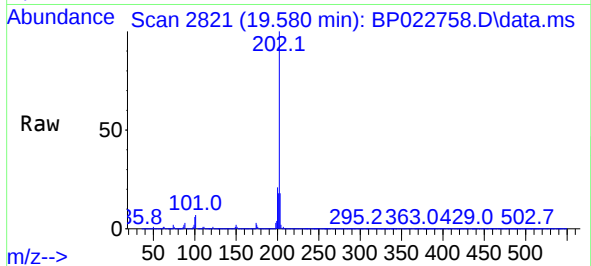
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 Ion Ratio Lower Upper
 202 100
 101 6.6 5.8 8.8
 100 5.0 4.5 6.7





#82
Pyrene
Concen: 22.557 ng/ul
RT: 19.580 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP022758.D
Acq: 31 Oct 2024 06:40

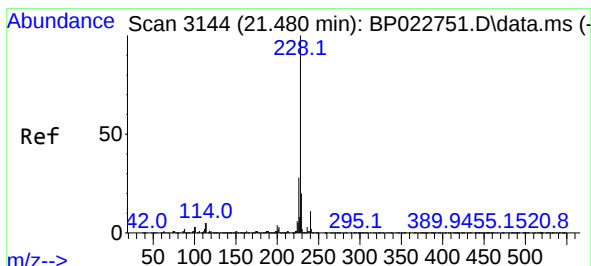
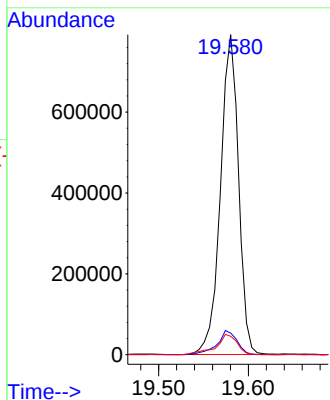
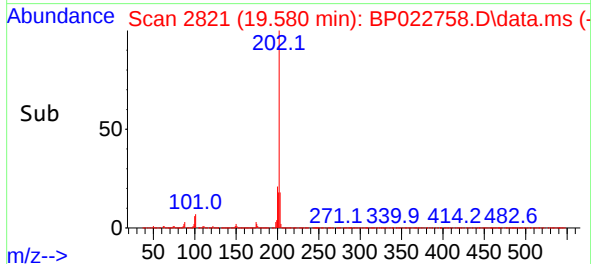
Instrument :
BNA_P
ClientSampleId :
F7H04



Tgt Ion:202 Resp: 1107000
Ion Ratio Lower Upper
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101 6.8 6.7 10.1
100 5.8 5.8 8.6

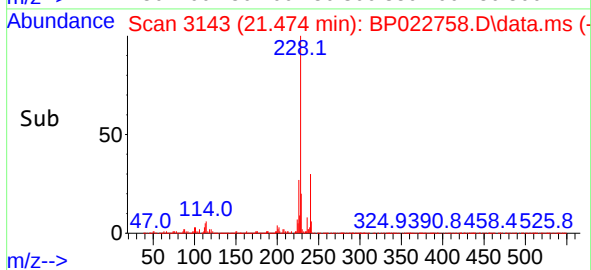
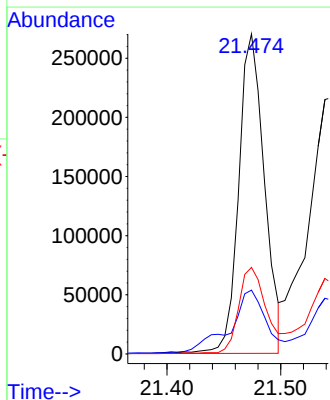
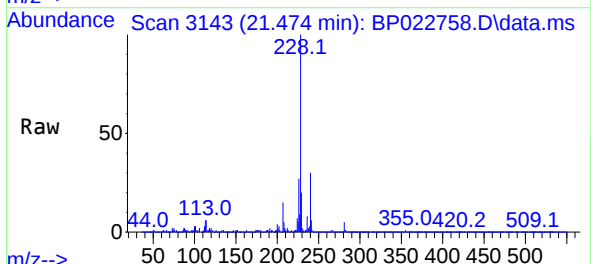
Manual Integrations
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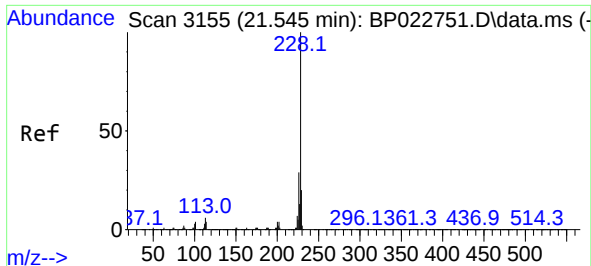
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#85
Benzo(a)anthracene
Concen: 8.041 ng/ul
RT: 21.474 min Scan# 3143
Delta R.T. -0.000 min
Lab File: BP022758.D
Acq: 31 Oct 2024 06:40

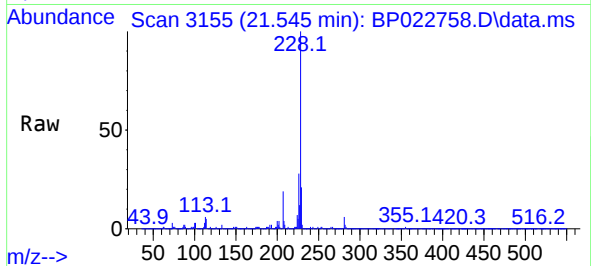
Tgt Ion:228 Resp: 424560
Ion Ratio Lower Upper
228 100
229 20.0 15.4 23.0
226 27.1 21.5 32.3





#87
Chrysene
Concen: 9.237 ng/u1
RT: 21.545 min Scan# 3155
Delta R.T. -0.006 min
Lab File: BP022758.D
Acq: 31 Oct 2024 06:40

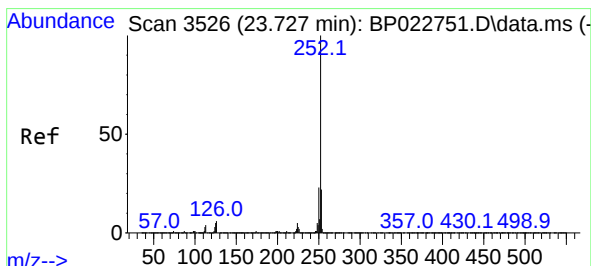
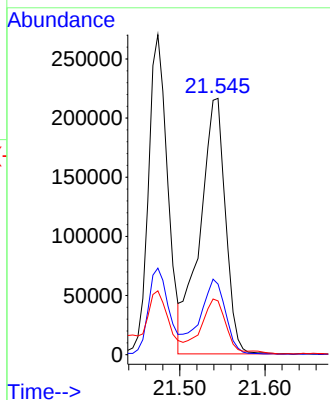
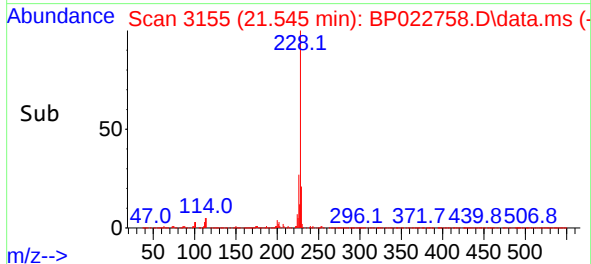
Instrument :
BNA_P
ClientSampleId :
F7H04



Tgt Ion:228 Resp: 45224
Ion Ratio Lower Upper
228 100
226 27.6 23.8 35.8
229 21.0 15.5 23.3

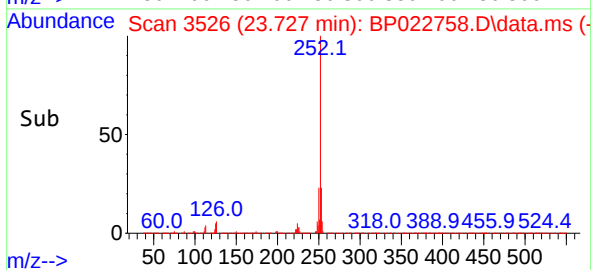
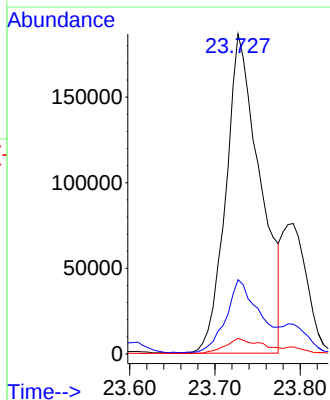
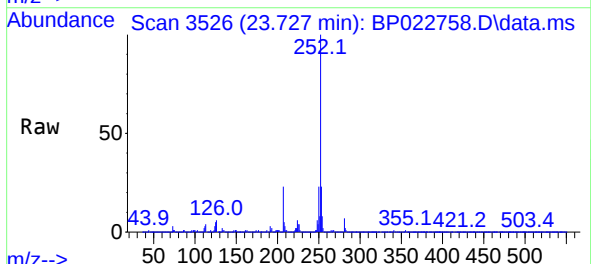
Manual Integrations
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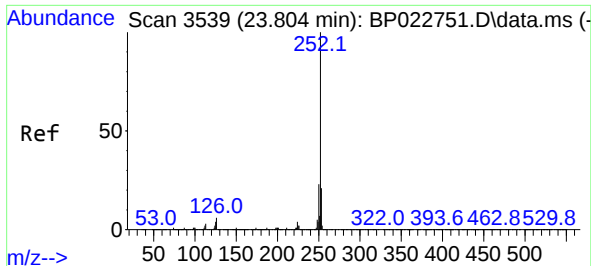
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#90
Benzo(b)fluoranthene
Concen: 8.930 ng/u1
RT: 23.727 min Scan# 3526
Delta R.T. 0.006 min
Lab File: BP022758.D
Acq: 31 Oct 2024 06:40

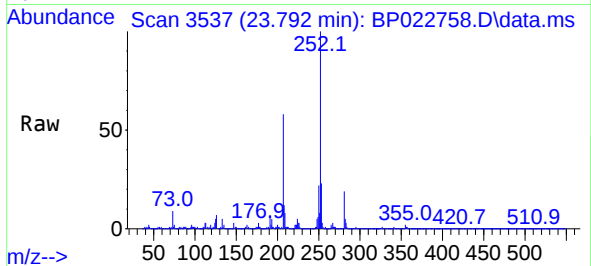
Tgt Ion:252 Resp: 523285
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 4.9 5.0 7.4#





#91
Benzo(k)fluoranthene
Concen: 2.663 ng/ul m
RT: 23.792 min Scan# 3539
Delta R.T. -0.000 min
Lab File: BP022758.D
Acq: 31 Oct 2024 06:40

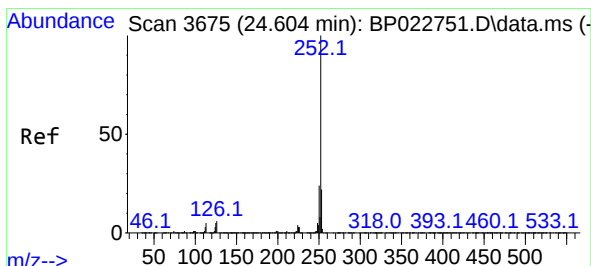
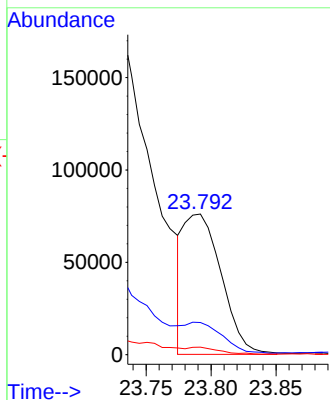
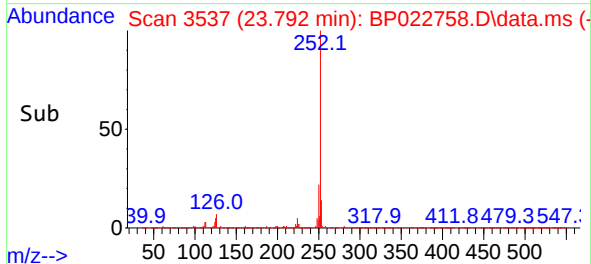
Instrument :
BNA_P
ClientSampleId :
F7H04



Tgt Ion:252 Resp: 152774
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 5.4 4.6 6.8

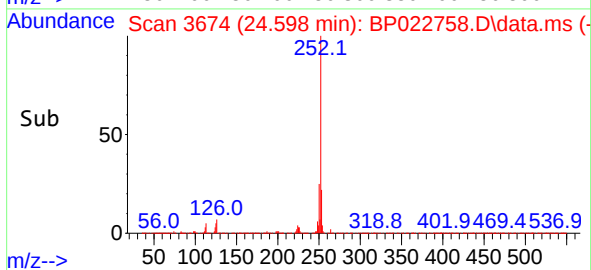
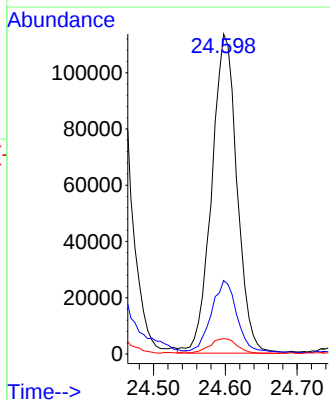
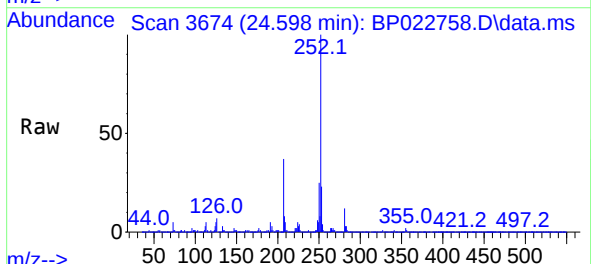
Manual Integrations
APPROVED

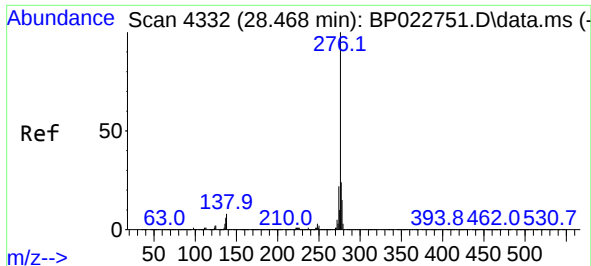
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#93
Benzo(a)pyrene
Concen: 5.153 ng/ul m
RT: 24.598 min Scan# 3674
Delta R.T. -0.000 min
Lab File: BP022758.D
Acq: 31 Oct 2024 06:40

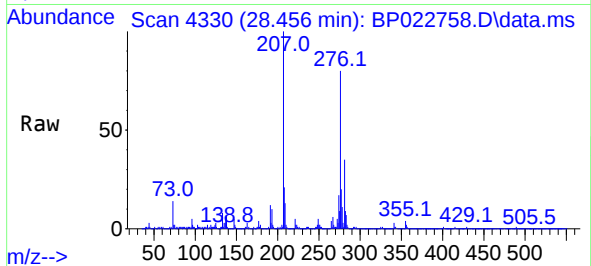
Tgt Ion:252 Resp: 277924
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 4.8 4.9 7.3#





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.246 ng/ul m
RT: 28.456 min Scan# 4332
Delta R.T. 0.017 min
Lab File: BP022758.D
Acq: 31 Oct 2024 06:40

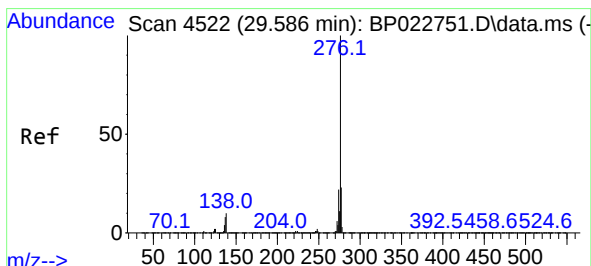
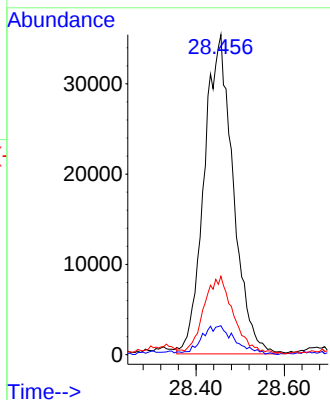
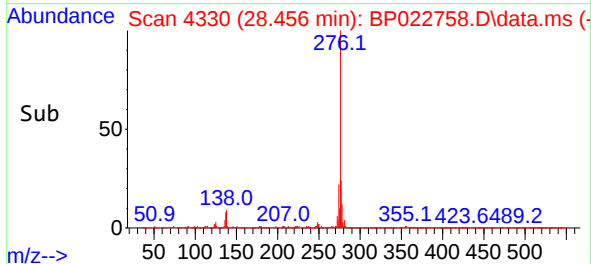
Instrument :
BNA_P
ClientSampleId :
F7H04



Tgt Ion:276 Resp: 161609
Ion Ratio Lower Upper
276 100
138 9.1 9.1 13.7
277 24.5 18.6 27.8

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 2.533 ng/ul m
RT: 29.586 min Scan# 4522
Delta R.T. 0.012 min
Lab File: BP022758.D
Acq: 31 Oct 2024 06:40

Tgt Ion:276 Resp: 141773
Ion Ratio Lower Upper
276 100
138 10.3 8.5 12.7
277 23.8 19.0 28.4

