

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
 Data File : BP022753.D
 Acq On : 31 Oct 2024 03:17
 Operator : RC/JU
 Sample : P4493-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F20

Manual Integrations
 APPROVED

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

Quant Time: Nov 01 00:10:41 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	73915	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	284871	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	219070	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	536407m	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	627413	20.000	ng/u1	0.00
88) Perylene-d12	24.757	264	790653	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	6244	3.283	ng/uL	0.00
4) Pyridine-d5	3.593	84	91692	17.560	ng/u1	0.00
7) Phenol-d5	6.828	99	130050	20.902	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	72323	19.777	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	97385	22.058	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	108138	21.778	ng/u1	0.00
21) Nitrobenzene-d5	8.775	128	46361	21.166	ng/u1	0.00
24) 2-Nitrophenol-d4	9.493	143	52913	20.866	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	121483	22.540	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	122692	19.265	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	385710	22.160	ng/u1	0.01
49) Acenaphthylene-d8	13.951	160	411478	22.258	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	45242m	15.494	ng/u1	0.00
60) Fluorene-d10	15.269	176	353975	23.447	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	31878m	9.036	ng/u1	0.02
73) Anthracene-d10	17.163	188	609102	24.138	ng/u1	0.00
81) Pyrene-d10	19.557	212	775100	23.361	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.545	264	1017929	24.107	ng/u1	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.110	178	119560m	4.166	ng/u1	
80) Fluoranthene	19.204	202	292467	7.668	ng/u1	98
82) Pyrene	19.580	202	255648	6.253	ng/u1	99
85) Benzo(a)anthracene	21.486	228	141227	3.211	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.416	149	32771	1.604	ng/u1	95
87) Chrysene	21.545	228	158638	3.890	ng/u1	95
90) Benzo(b)fluoranthene	23.733	252	220117	4.423	ng/u1	98
91) Benzo(k)fluoranthene	23.792	252	75986m	1.559	ng/u1	
93) Benzo(a)pyrene	24.610	252	139153	3.038	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.462	276	108707	1.778	ng/u1	96
96) Benzo(g,h,i)perylene	29.621	276	105613m	2.221	ng/u1	

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

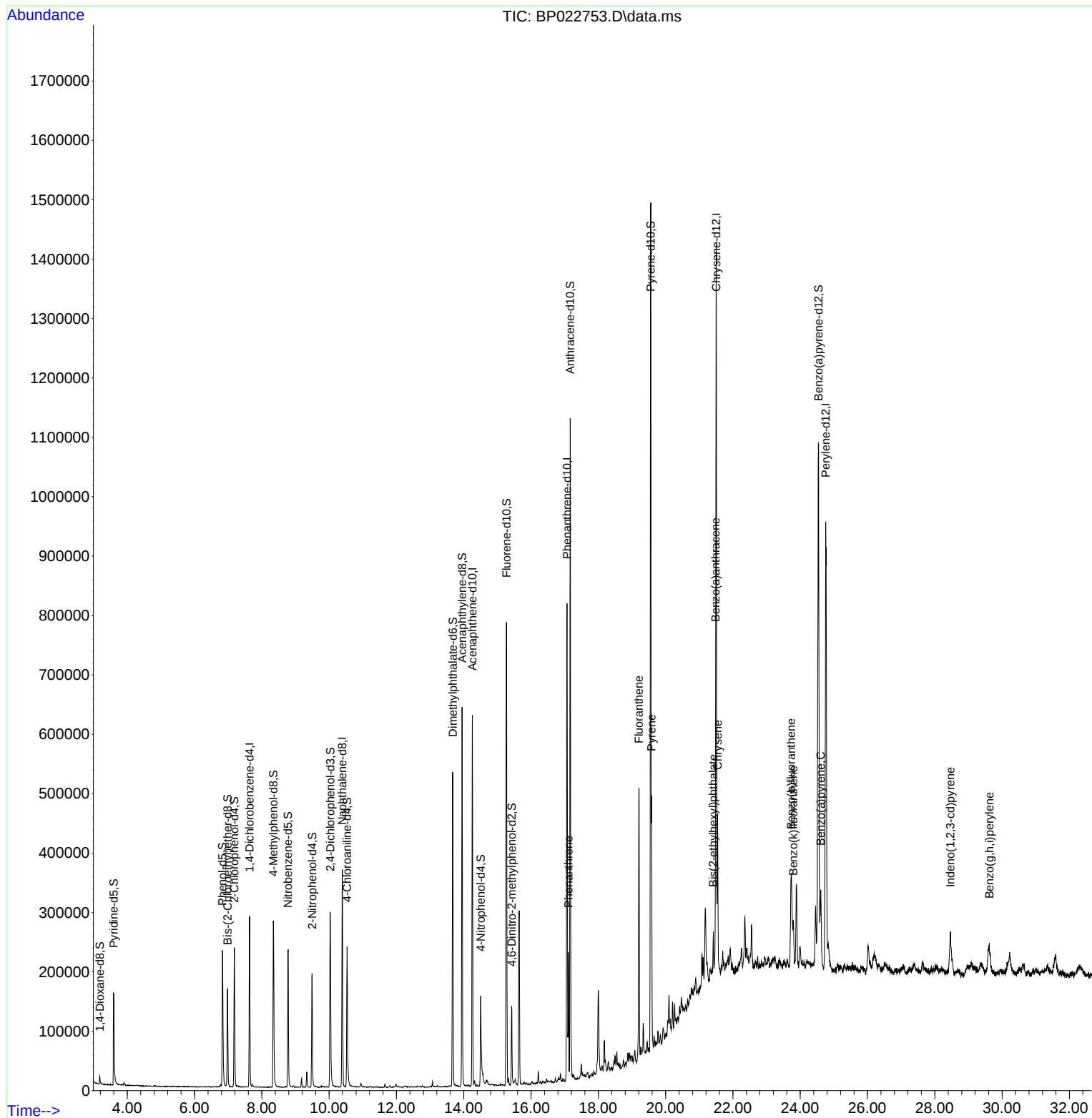
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022753.D
Acq On : 31 Oct 2024 03:17
Operator : RC/JU
Sample : P4493-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

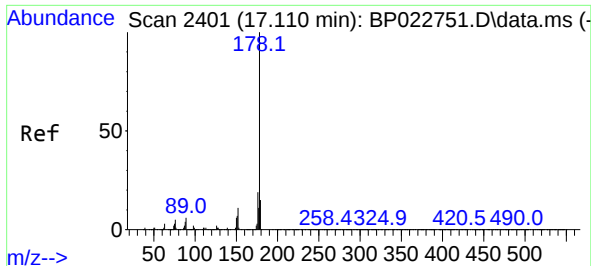
Instrument :
BNA_P
ClientSampleId :
A4F20

Quant Time: Nov 01 00:10:41 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

Manual Integrations
APPROVED

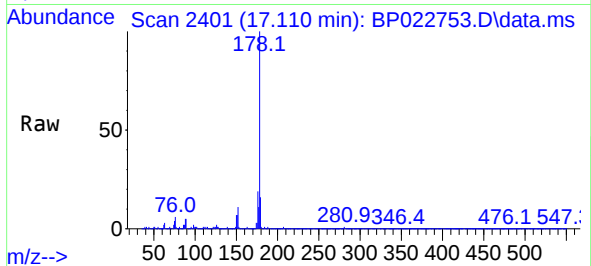
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024





#72
Phenanthrene
Concen: 4.166 ng/ul m
RT: 17.110 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP022753.D
Acq: 31 Oct 2024 03:17

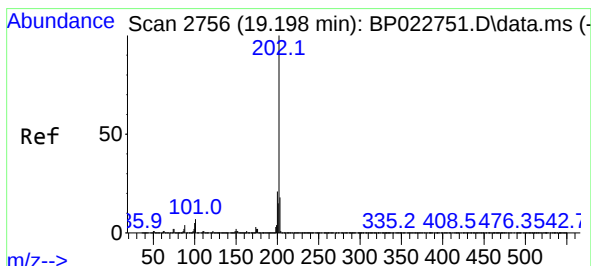
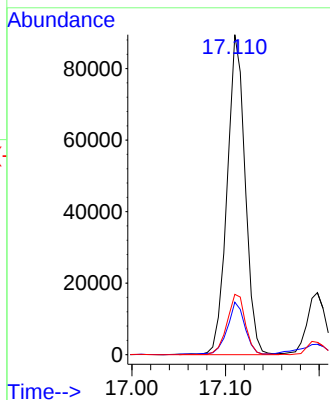
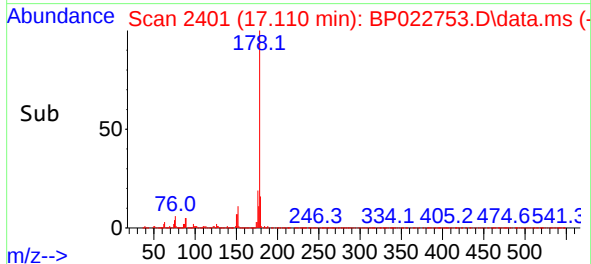
Instrument :
BNA_P
ClientSampleId :
A4F20



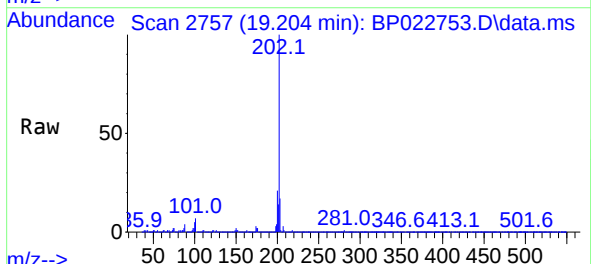
Tgt Ion:178 Resp: 119560
Ion Ratio Lower Upper
178 100
179 16.4 12.2 18.4
176 18.9 15.7 23.5

Manual Integrations
APPROVED

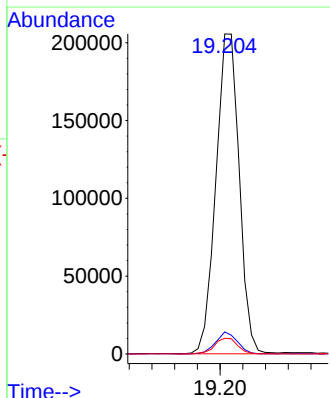
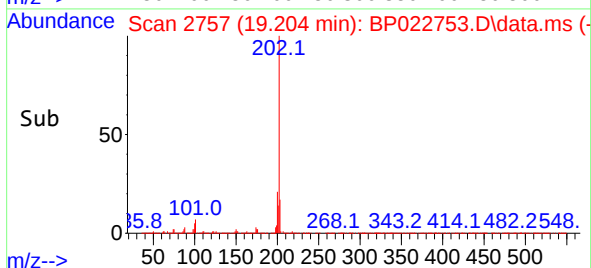
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

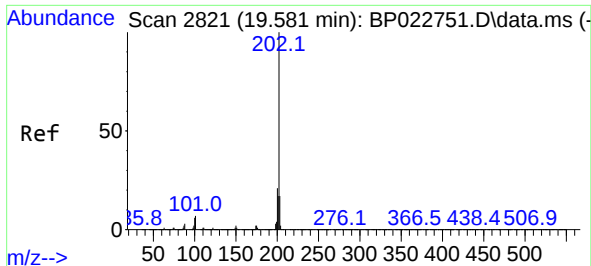


#80
Fluoranthene
Concen: 7.668 ng/ul
RT: 19.204 min Scan# 2757
Delta R.T. 0.012 min
Lab File: BP022753.D
Acq: 31 Oct 2024 03:17



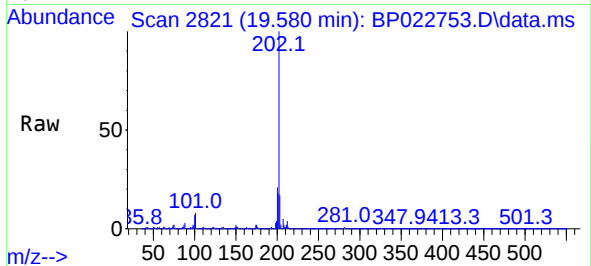
Tgt Ion:202 Resp: 292467
Ion Ratio Lower Upper
202 100
101 6.9 5.8 8.8
100 4.9 4.5 6.7





#82
Pyrene
Concen: 6.253 ng/u1
RT: 19.580 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP022753.D
Acq: 31 Oct 2024 03:17

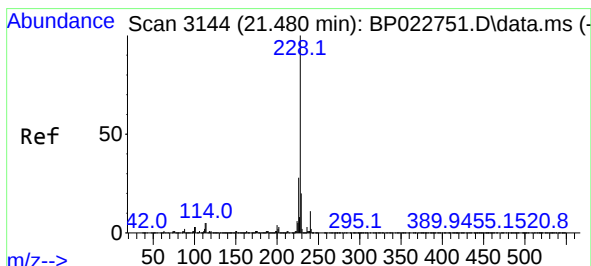
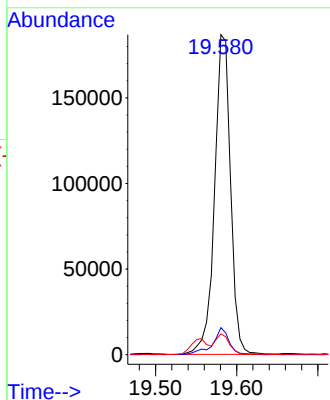
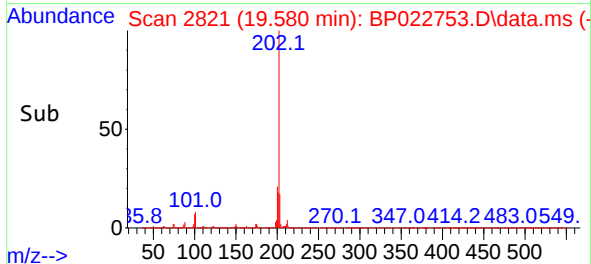
Instrument :
BNA_P
ClientSampleId :
A4F20



Tgt Ion:202 Resp: 25564
Ion Ratio Lower Upper
202 100
101 8.5 6.7 10.1
100 6.5 5.8 8.6

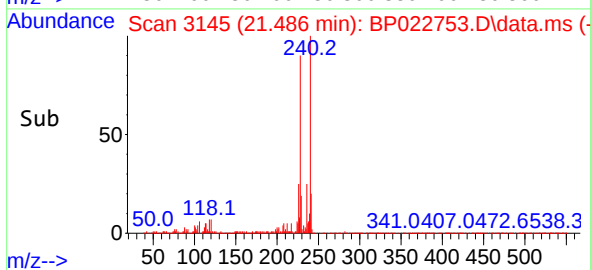
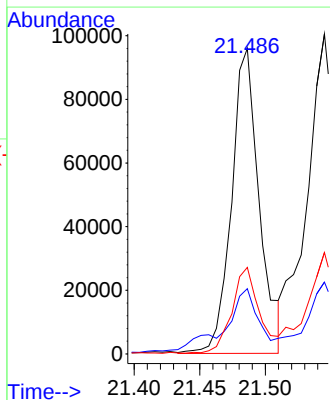
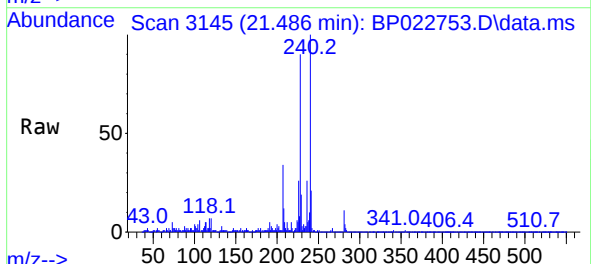
Manual Integrations
APPROVED

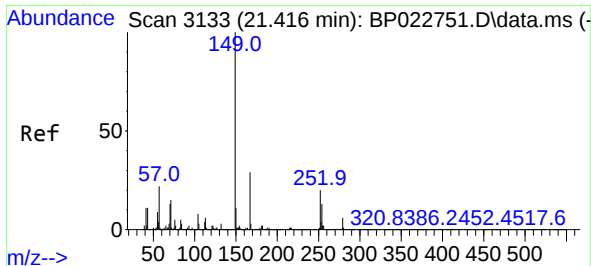
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#85
Benzo(a)anthracene
Concen: 3.211 ng/u1
RT: 21.486 min Scan# 3145
Delta R.T. 0.012 min
Lab File: BP022753.D
Acq: 31 Oct 2024 03:17

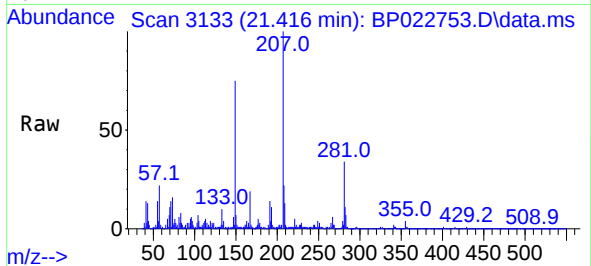
Tgt Ion:228 Resp: 141227
Ion Ratio Lower Upper
228 100
229 21.4 15.4 23.0
226 28.3 21.5 32.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.604 ng/ul
RT: 21.416 min Scan# 3133
Delta R.T. 0.006 min
Lab File: BP022753.D
Acq: 31 Oct 2024 03:17

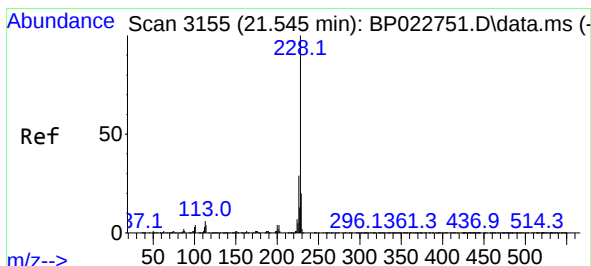
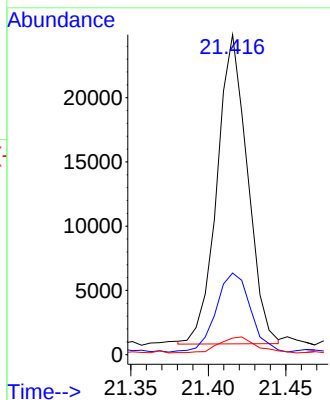
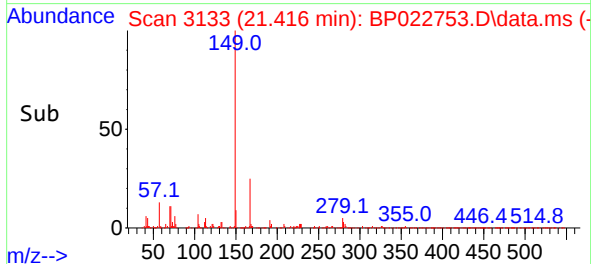
Instrument :
BNA_P
ClientSampleId :
A4F20



Tgt Ion:149 Resp: 3277
Ion Ratio Lower Upper
149 100
167 25.5 23.0 34.4
279 5.2 4.8 7.2

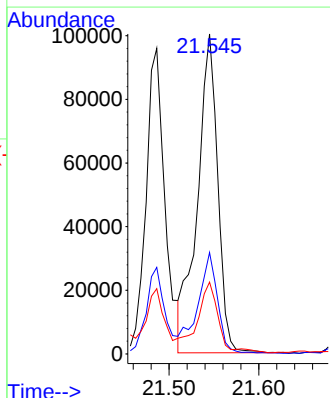
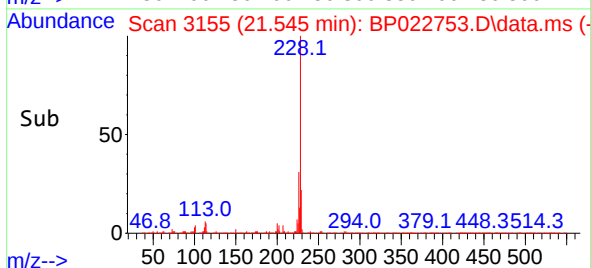
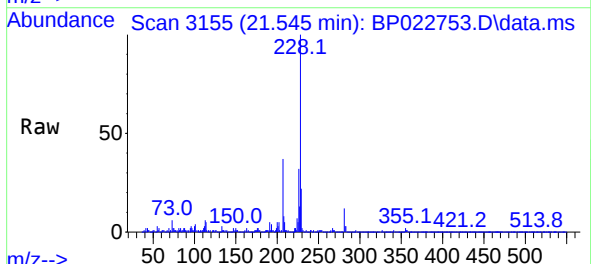
Manual Integrations
APPROVED

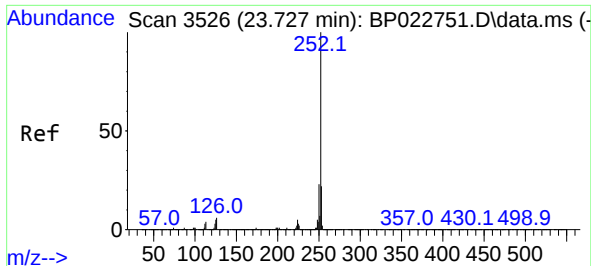
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#87
Chrysene
Concen: 3.890 ng/ul
RT: 21.545 min Scan# 3155
Delta R.T. -0.006 min
Lab File: BP022753.D
Acq: 31 Oct 2024 03:17

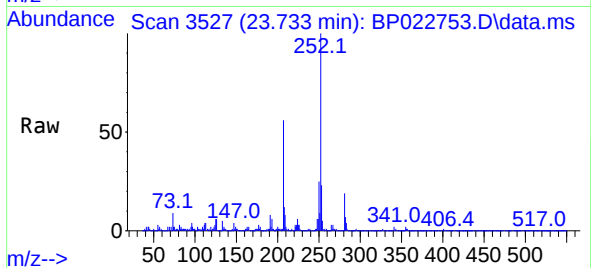
Tgt Ion:228 Resp: 158638
Ion Ratio Lower Upper
228 100
226 31.7 23.8 35.8
229 22.5 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 4.423 ng/ul
RT: 23.733 min Scan# 3526
Delta R.T. 0.012 min
Lab File: BP022753.D
Acq: 31 Oct 2024 03:17

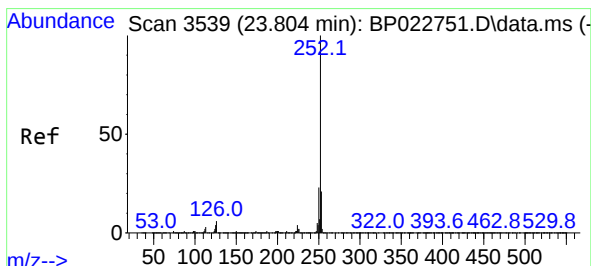
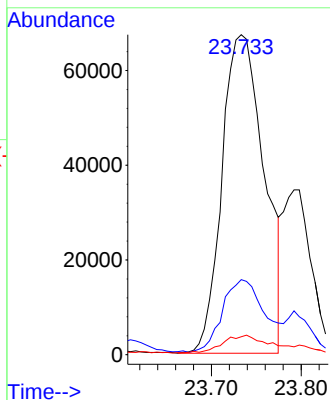
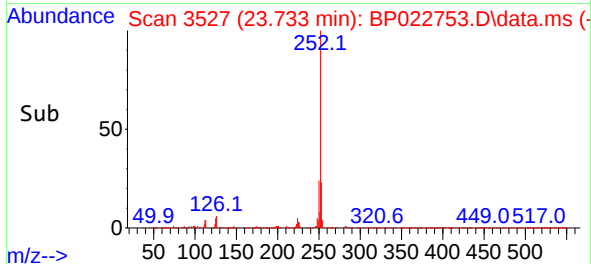
Instrument :
BNA_P
ClientSampleId :
A4F20



Tgt Ion:252 Resp: 22011
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 5.6 5.0 7.4

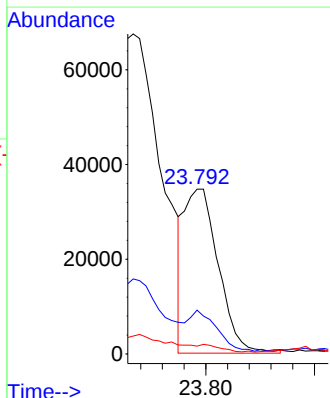
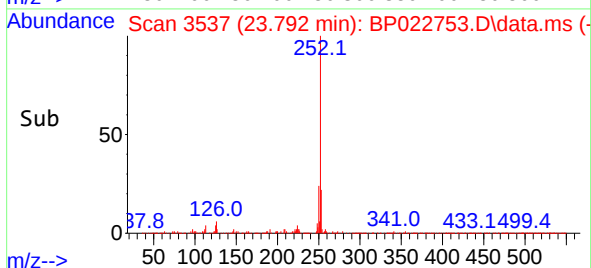
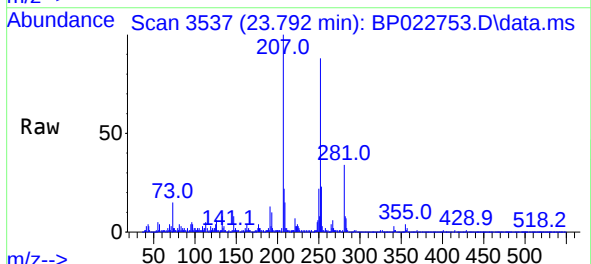
Manual Integrations
APPROVED

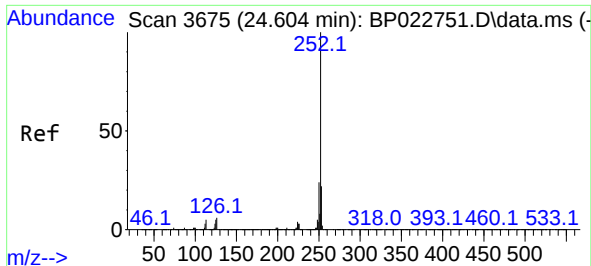
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#91
Benzo(k)fluoranthene
Concen: 1.559 ng/ul m
RT: 23.792 min Scan# 3537
Delta R.T. 0.000 min
Lab File: BP022753.D
Acq: 31 Oct 2024 03:17

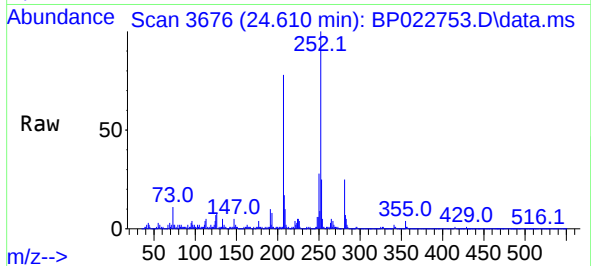
Tgt Ion:252 Resp: 75986
Ion Ratio Lower Upper
252 100
253 26.6 17.4 26.0#
125 4.8 4.6 6.8





#93
Benzo(a)pyrene
Concen: 3.038 ng/u1
RT: 24.610 min Scan# 30
Delta R.T. 0.012 min
Lab File: BP022753.D
Acq: 31 Oct 2024 03:17

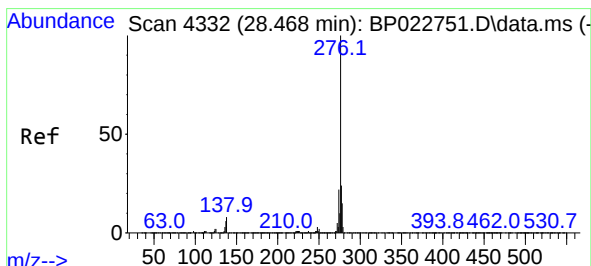
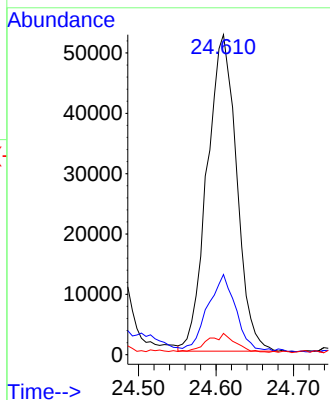
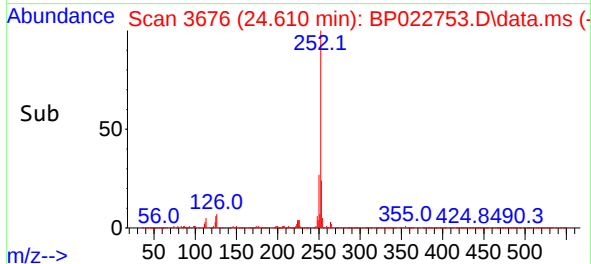
Instrument :
BNA_P
ClientSampleId :
A4F20



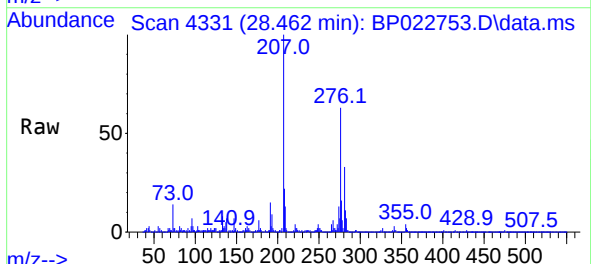
Tgt Ion:252 Resp: 13915
Ion Ratio Lower Upper
252 100
253 25.0 17.7 26.5
125 6.7 4.9 7.3

Manual Integrations
APPROVED

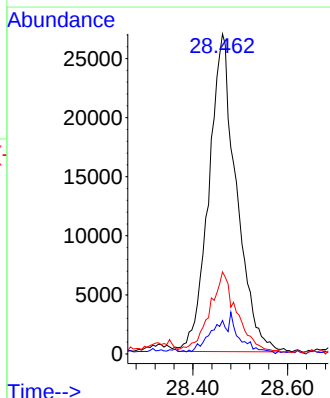
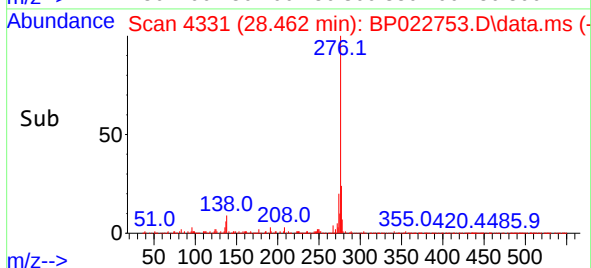
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

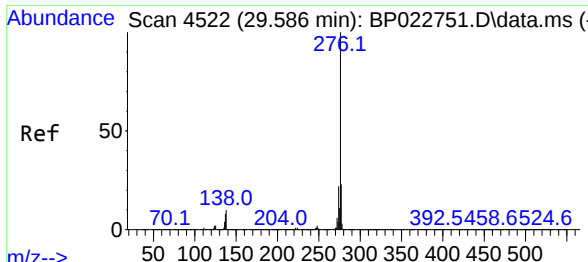


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.778 ng/u1
RT: 28.462 min Scan# 4331
Delta R.T. 0.024 min
Lab File: BP022753.D
Acq: 31 Oct 2024 03:17



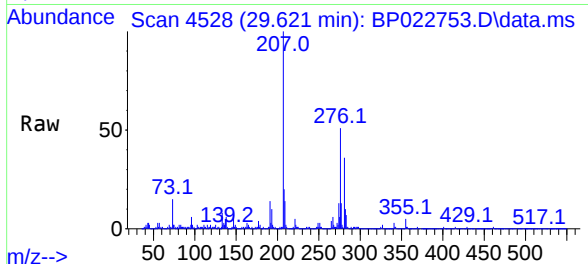
Tgt Ion:276 Resp: 108707
Ion Ratio Lower Upper
276 100
138 10.5 9.1 13.7
277 25.6 18.6 27.8





#96
Benzo(g,h,i)perylene
Concen: 2.221 ng/ul m
RT: 29.621 min Scan# 4528
Delta R.T. 0.047 min
Lab File: BP022753.D
Acq: 31 Oct 2024 03:17

Instrument :
BNA_P
ClientSampleId :
A4F20



Tgt Ion:276 Resp: 10561
Ion Ratio Lower Upper
276 100
138 11.3 8.5 12.7
277 24.7 19.0 28.4

Manual Integrations
APPROVED

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

