

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022624.D
 Acq On : 26 Oct 2024 00:03
 Operator : RC/JU
 Sample : P4436-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F41

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/26/2024
 Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 26 00:40:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	86184	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.410	136	335161	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	260558	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	657738	20.000	ng/u1	-0.01
79) Chrysene-d12	21.522	240	689393	20.000	ng/u1	0.02
88) Perylene-d12	24.780	264	819840	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	3819	1.722	ng/uL	-0.01
4) Pyridine-d5	3.611	84	5779	0.949	ng/u1	0.00
7) Phenol-d5	6.846	99	74281	10.239	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	43503	10.203	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.193	132	57109	11.094	ng/u1	-0.01
15) 4-Methylphenol-d8	8.358	113	46361	8.008	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	26776	10.390	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	34031	11.406	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	69035	10.887	ng/u1	0.00
31) 4-Chloroaniline-d4	10.552	131	39521	5.274	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	245793	11.873	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	247351	11.249	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	30149m	8.681	ng/u1	0.01
60) Fluorene-d10	15.281	176	218876	12.189	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.434	200	25129	5.809	ng/u1	0.02
73) Anthracene-d10	17.187	188	370451	11.973	ng/u1	0.02
81) Pyrene-d10	19.557	212	419069	11.495	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.551	264	330094	7.539	ng/u1	0.02
Target Compounds					Qvalue	
8) Phenol	6.875	94	10661	1.412	ng/u1	97
16) Acetophenone	8.463	105	31668	3.313	ng/u1	94
72) Phenanthrene	17.122	178	130064	3.696	ng/u1	98
80) Fluoranthene	19.210	202	356251	8.500	ng/u1	98
82) Pyrene	19.598	202	215765	4.803	ng/u1	98
85) Benzo(a)anthracene	21.504	228	148928	3.082	ng/u1	99
87) Chrysene	21.563	228	154079	3.438	ng/u1	96
90) Benzo(b)fluoranthene	23.757	252	204471	3.962	ng/u1	99
91) Benzo(k)fluoranthene	23.804	252	68988m	1.365	ng/u1	
93) Benzo(a)pyrene	24.627	252	64805	1.364	ng/u1#	98
94) Indeno(1,2,3-cd)pyrene	28.504	276	67115	1.059	ng/u1#	95

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

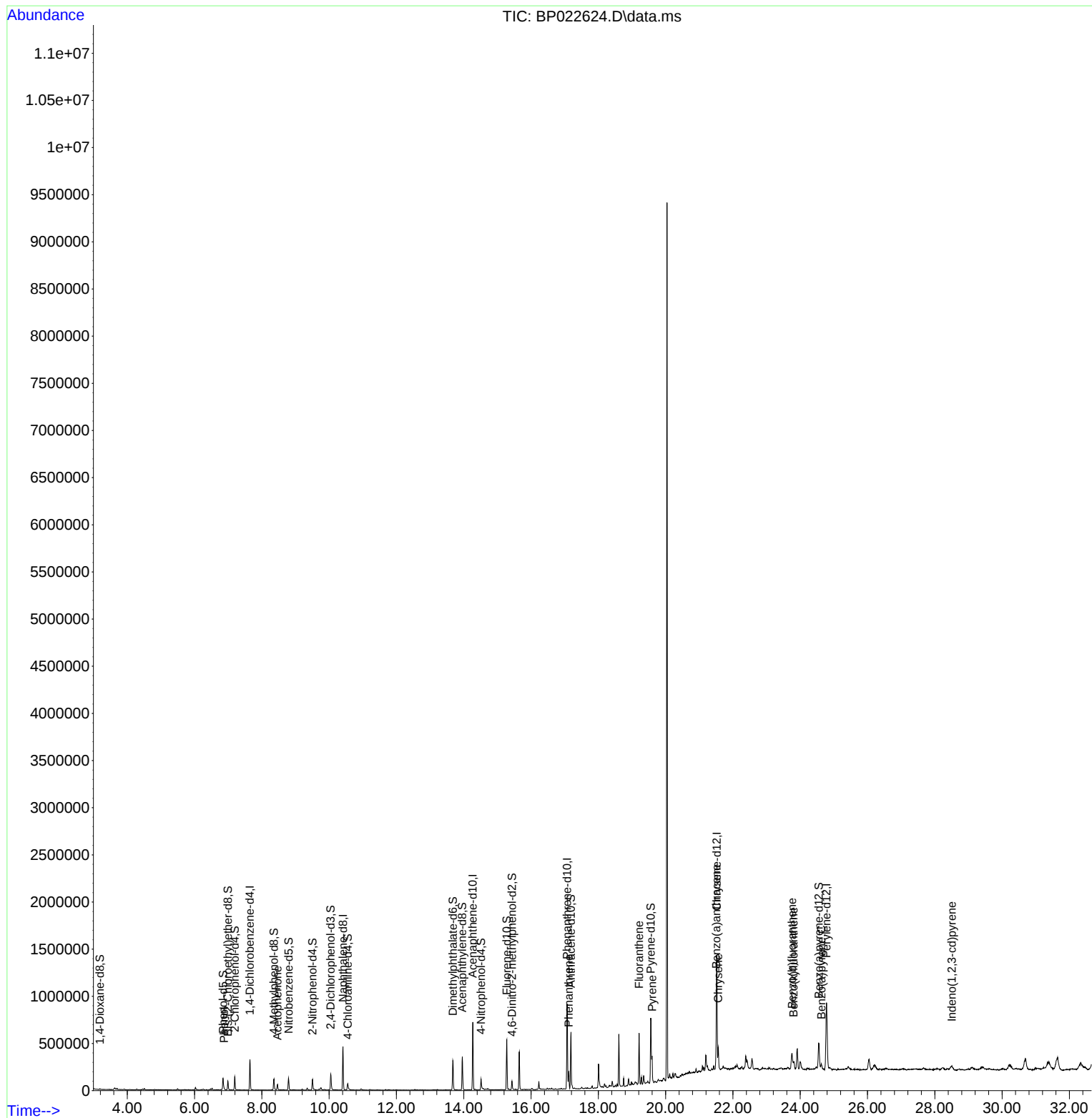
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022624.D
Acq On : 26 Oct 2024 00:03
Operator : RC/JU
Sample : P4436-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

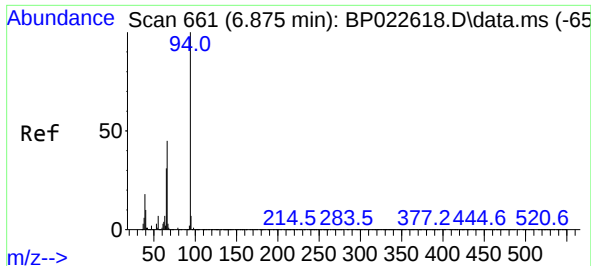
Instrument :
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ClientSampleId :
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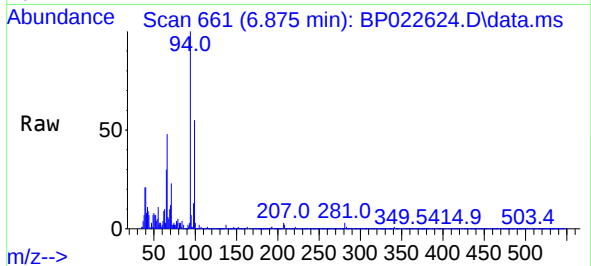
Quant Time: Oct 26 00:40:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration





#8
Phenol
Concen: 1.412 ng/ul
RT: 6.875 min Scan# 60
Delta R.T. -0.005 min
Lab File: BP022624.D
Acq: 26 Oct 2024 00:03

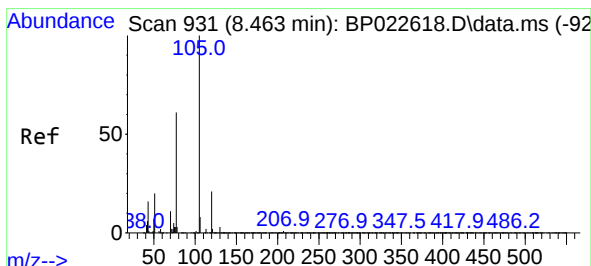
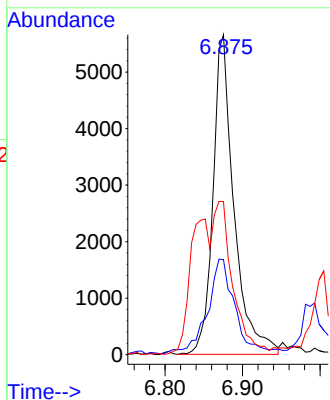
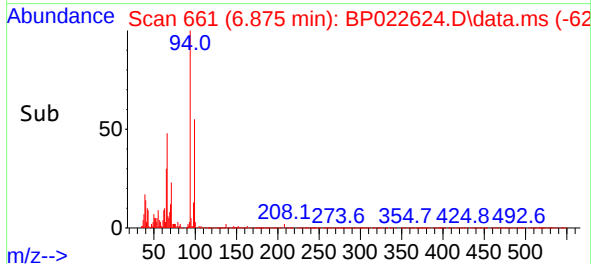
Instrument :
BNA_P
ClientSampleId :
A4F41



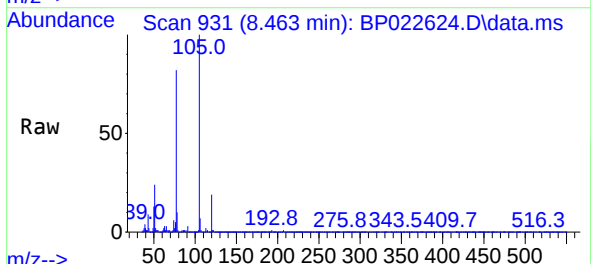
Tgt Ion: 94 Resp: 1066
Ion Ratio Lower Upper
94 100
65 29.7 25.9 38.9
66 47.8 37.6 56.4

Manual Integrations
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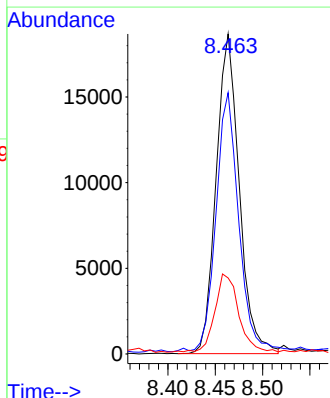
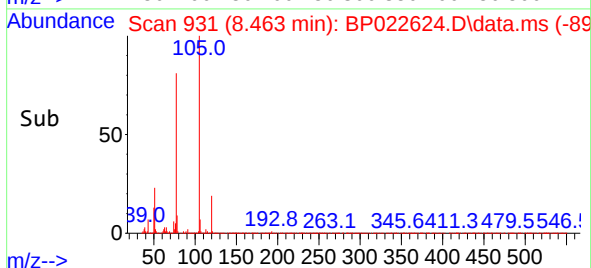
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024

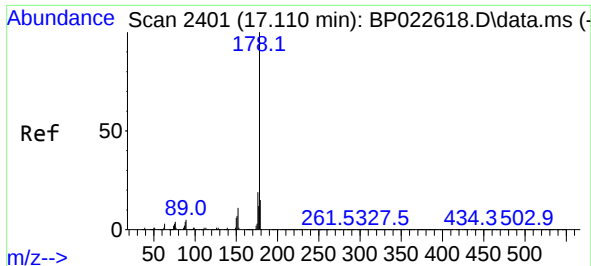


#16
Acetophenone
Concen: 3.313 ng/ul
RT: 8.463 min Scan# 931
Delta R.T. -0.005 min
Lab File: BP022624.D
Acq: 26 Oct 2024 00:03



Tgt Ion:105 Resp: 31668
Ion Ratio Lower Upper
105 100
77 81.7 69.0 103.4
51 23.8 22.6 33.8





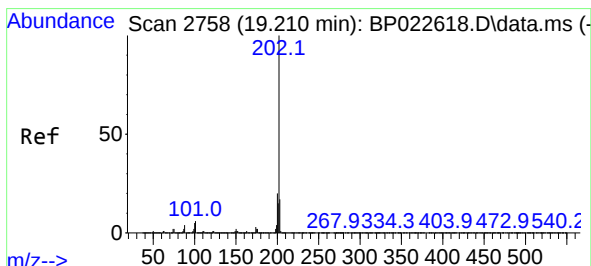
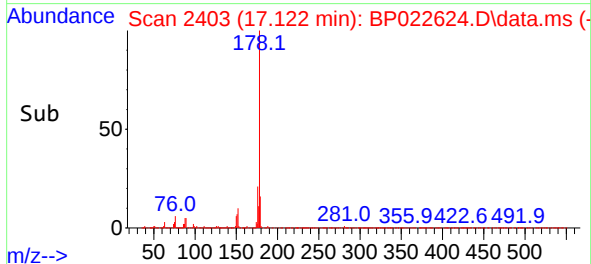
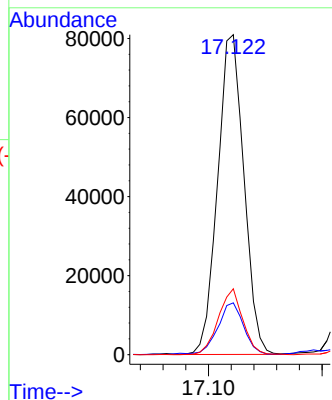
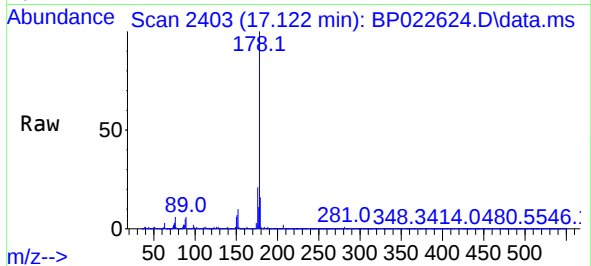
#72
Phenanthrene
Concen: 3.696 ng/u1
RT: 17.122 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP022624.D
Acq: 26 Oct 2024 00:03

Instrument :
BNA_P
ClientSampleId :
A4F41

Tgt Ion:178 Resp: 130064
Ion Ratio Lower Upper
178 100
179 16.2 12.2 18.4
176 20.6 15.7 23.5

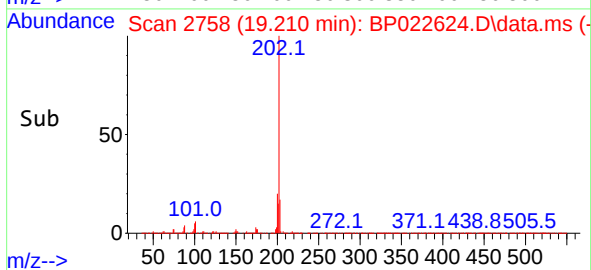
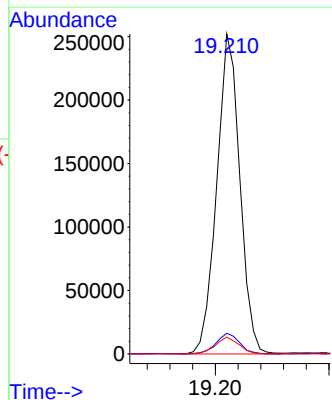
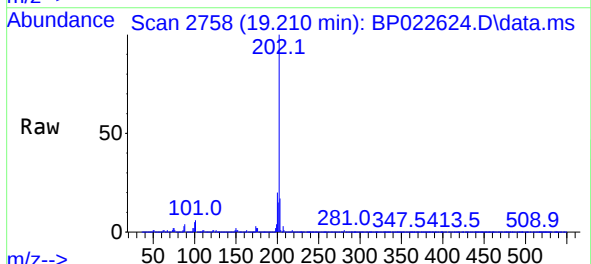
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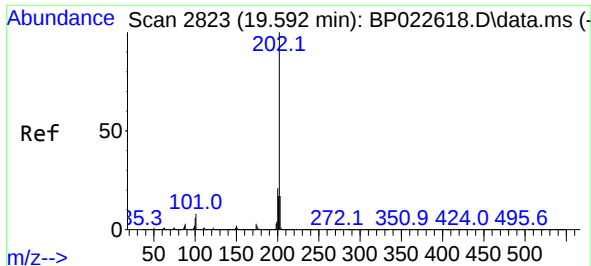
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024



#80
Fluoranthene
Concen: 8.500 ng/u1
RT: 19.210 min Scan# 2758
Delta R.T. 0.000 min
Lab File: BP022624.D
Acq: 26 Oct 2024 00:03

Tgt Ion:202 Resp: 356251
Ion Ratio Lower Upper
202 100
101 6.5 5.8 8.8
100 5.3 4.5 6.7





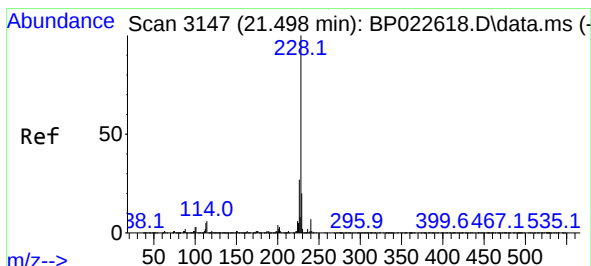
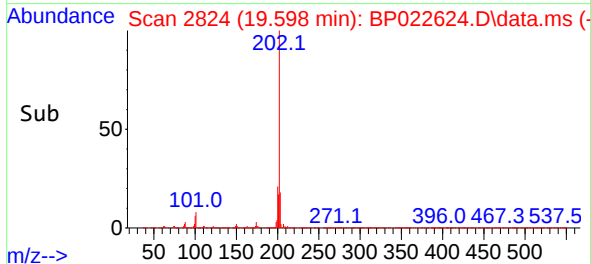
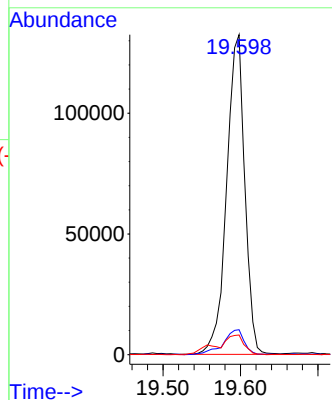
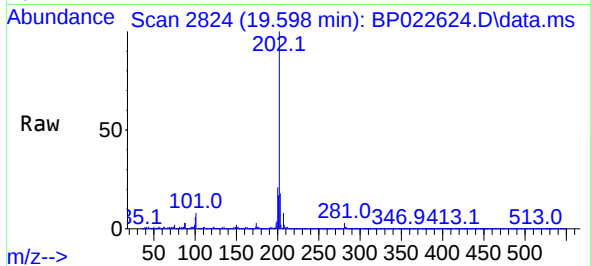
#82
Pyrene
Concen: 4.803 ng/u1
RT: 19.598 min Scan# 21576
Delta R.T. 0.012 min
Lab File: BP022624.D
Acq: 26 Oct 2024 00:03

Instrument :
BNA_P
ClientSampleId :
A4F41

Tgt Ion:202 Resp: 21576
Ion Ratio Lower Upper
202 100
101 7.8 6.7 10.1
100 6.2 5.8 8.6

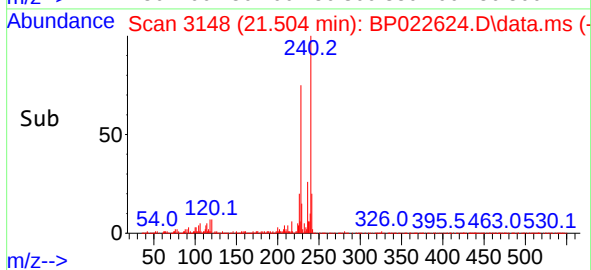
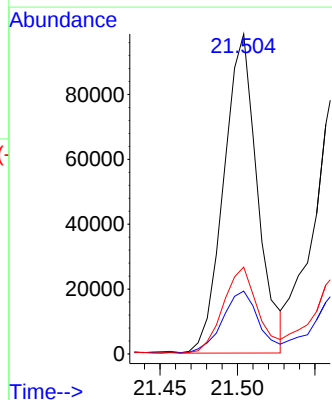
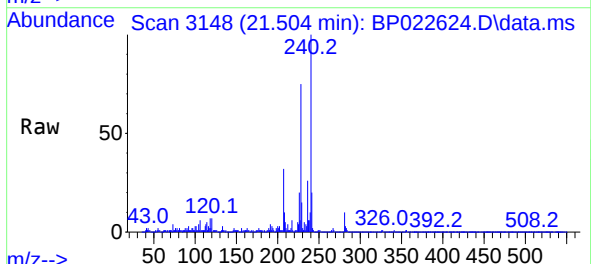
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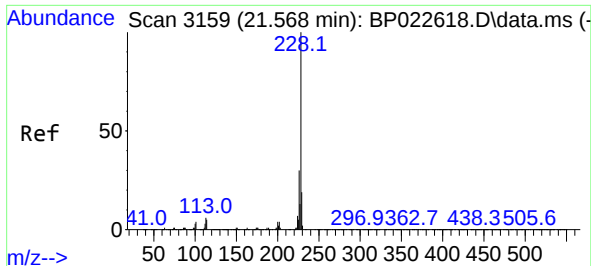
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024



#85
Benzo(a)anthracene
Concen: 3.082 ng/u1
RT: 21.504 min Scan# 3148
Delta R.T. 0.024 min
Lab File: BP022624.D
Acq: 26 Oct 2024 00:03

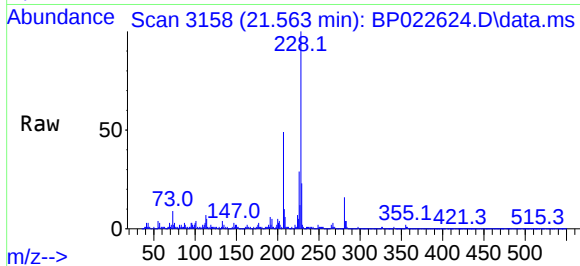
Tgt Ion:228 Resp: 148928
Ion Ratio Lower Upper
228 100
229 19.7 15.4 23.0
226 27.2 21.5 32.3





#87
Chrysene
Concen: 3.438 ng/u1
RT: 21.563 min Scan# 3159
Delta R.T. 0.018 min
Lab File: BP022624.D
Acq: 26 Oct 2024 00:03

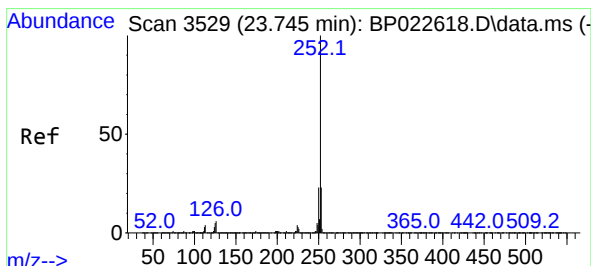
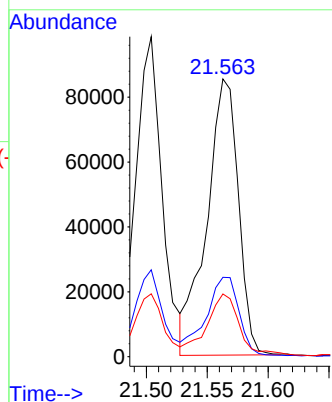
Instrument :
BNA_P
ClientSampleId :
A4F41



Tgt Ion:228 Resp: 154079
Ion Ratio Lower Upper
228 100
226 28.6 23.8 35.8
229 22.6 15.5 23.3

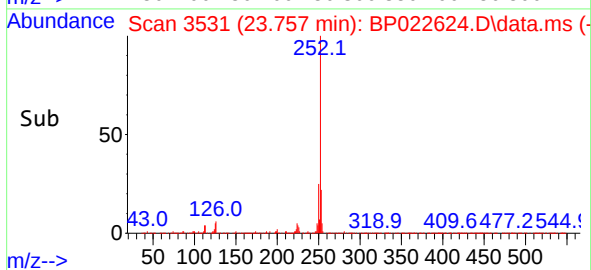
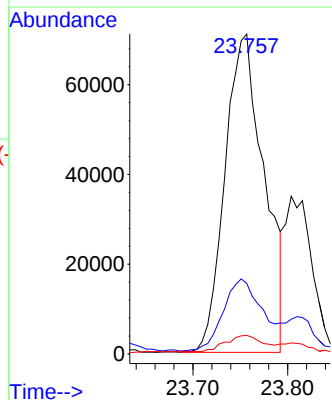
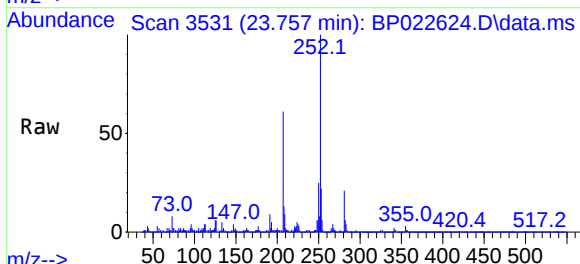
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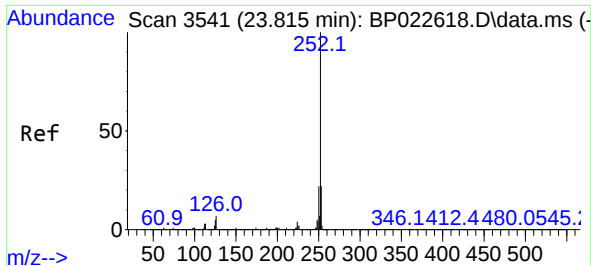
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024



#90
Benzo(b)fluoranthene
Concen: 3.962 ng/u1
RT: 23.757 min Scan# 3531
Delta R.T. 0.036 min
Lab File: BP022624.D
Acq: 26 Oct 2024 00:03

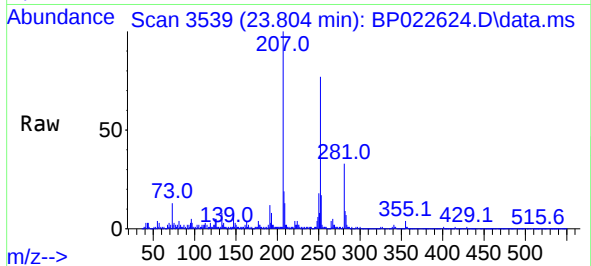
Tgt Ion:252 Resp: 204471
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 5.8 5.0 7.4





#91
Benzo(k)fluoranthene
Concen: 1.365 ng/ul m
RT: 23.804 min Scan# 3539
Delta R.T. 0.012 min
Lab File: BP022624.D
Acq: 26 Oct 2024 00:03

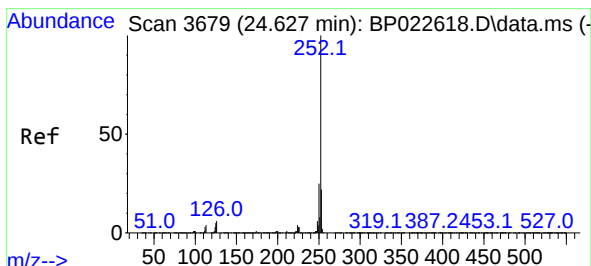
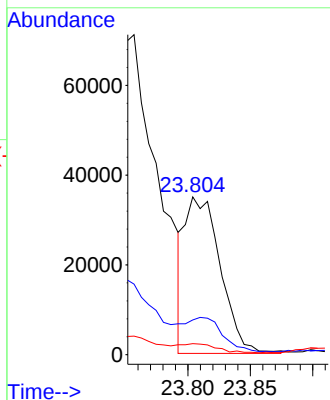
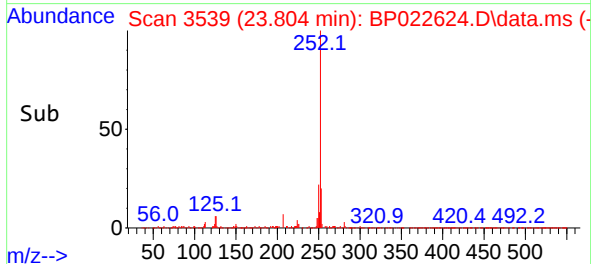
Instrument :
BNA_P
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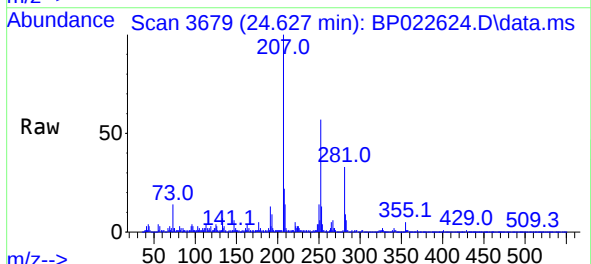
Tgt Ion:252 Resp: 6898
Ion Ratio Lower Upper
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253 22.0 17.4 26.0
125 7.0 4.6 6.8

Manual Integrations
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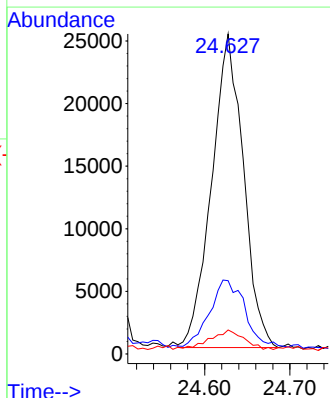
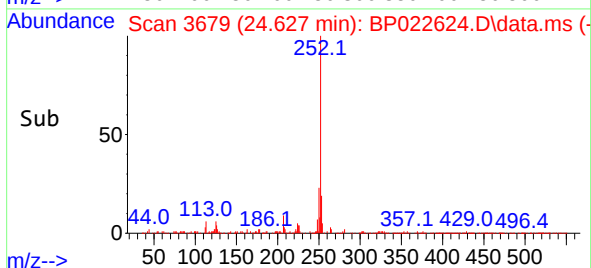
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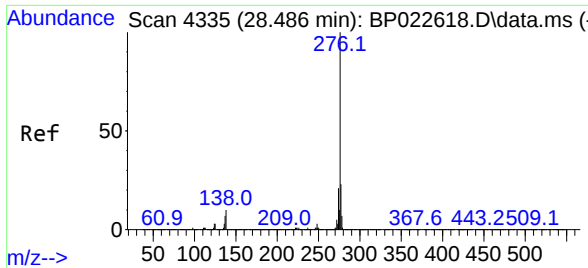


#93
Benzo(a)pyrene
Concen: 1.364 ng/ul
RT: 24.627 min Scan# 3679
Delta R.T. 0.024 min
Lab File: BP022624.D
Acq: 26 Oct 2024 00:03



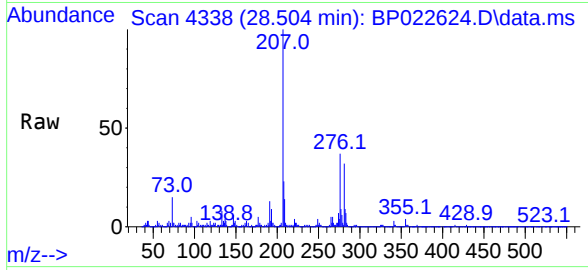
Tgt Ion:252 Resp: 64805
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 7.5 4.9 7.3





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.059 ng/ul
 RT: 28.504 min Scan# 41
 Delta R.T. 0.071 min
 Lab File: BP022624.D
 Acq: 26 Oct 2024 00:03

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion: 276 Resp: 6711

Ion	Ratio	Lower	Upper
276	100		
138	6.9	9.1	13.7
277	24.0	18.6	27.8

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