

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022527.D
 Acq On : 22 Oct 2024 06:20
 Operator : RC/JU
 Sample : P4429-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4FB0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 22 06:57:40 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	7.663	152	94353	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	377892	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	295836	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.074	188	716895	20.000	ng/u1	0.00
79) Chrysene-d12	21.509	240	747618	20.000	ng/u1	0.01
88) Perylene-d12	24.768	264	894102	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	8889	3.661	ng/uL	0.00
4) Pyridine-d5	3.610	84	107734	16.163	ng/u1	0.00
7) Phenol-d5	6.857	99	173259	21.815	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.004	67	99986	21.419	ng/u1	0.00
11) 2-Chlorophenol-d4	7.210	132	130937	23.234	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	147532	23.276	ng/u1	0.00
21) Nitrobenzene-d5	8.804	128	64824	22.310	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	75771	22.524	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	162328	22.704	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	162010	19.177	ng/u1	0.00
46) Dimethylphthalate-d6	13.680	166	521935	22.205	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	574347	23.006	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	68405	17.347	ng/u1	0.00
60) Fluorene-d10	15.274	176	474874	23.293	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.427	200	49998	10.604	ng/u1	0.01
73) Anthracene-d10	17.186	188	811666	24.068	ng/u1	0.02
81) Pyrene-d10	19.557	212	1009943	25.545	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.539	264	1128068	23.625	ng/u1	0.01
Target Compounds						
					Qvalue	
8) Phenol	6.881	94	8643	1.046	ng/u1#	90
72) Phenanthrene	17.121	178	153381	3.999	ng/u1	97
80) Fluoranthene	19.204	202	366679	8.068	ng/u1	99
82) Pyrene	19.586	202	296304	6.083	ng/u1	99
85) Benzo(a)anthracene	21.492	228	143343	2.735	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.421	149	56757	2.331	ng/u1	100
87) Chrysene	21.556	228	155788	3.206	ng/u1	96
90) Benzo(b)fluoranthene	23.739	252	209184	3.717	ng/u1	99
91) Benzo(k)fluoranthene	23.798	252	78638m	1.427	ng/u1	
93) Benzo(a)pyrene	24.615	252	141528	2.732	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.462	276	109638m	1.586	ng/u1	
96) Benzo(g,h,i)perylene	29.597	276	105857	1.969	ng/u1	99

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

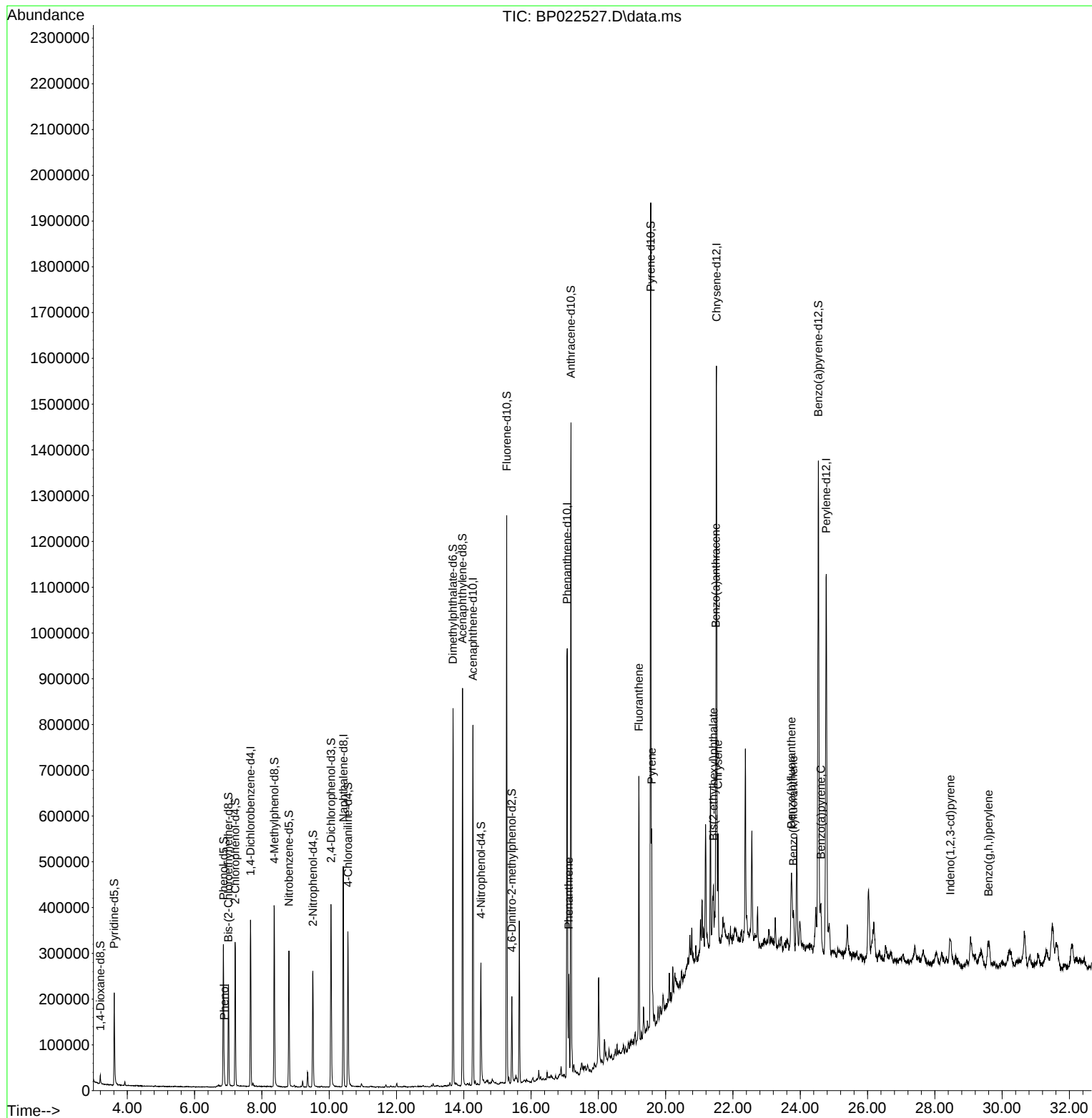
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022527.D
Acq On : 22 Oct 2024 06:20
Operator : RC/JU
Sample : P4429-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

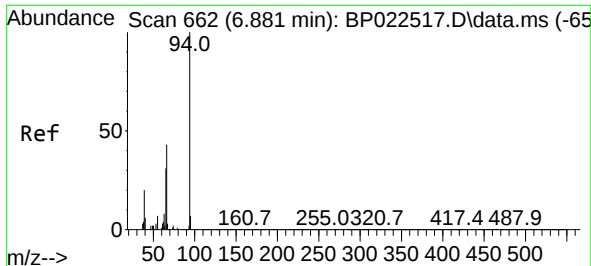
Instrument :
BNA_P
ClientSampleId :
A4FB0

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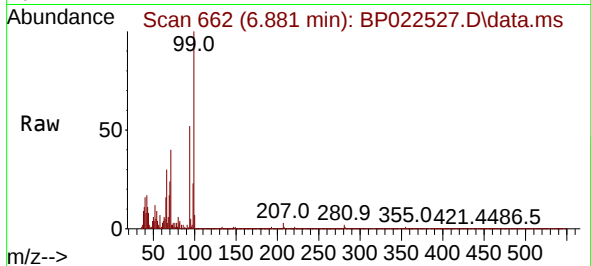
Quant Time: Oct 22 06:57:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration





#8
Phenol
Concen: 1.046 ng/ul
RT: 6.881 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP022527.D
Acq: 22 Oct 2024 06:20

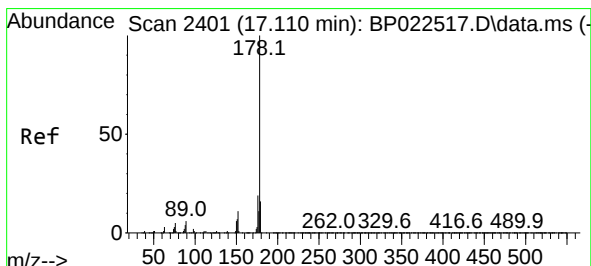
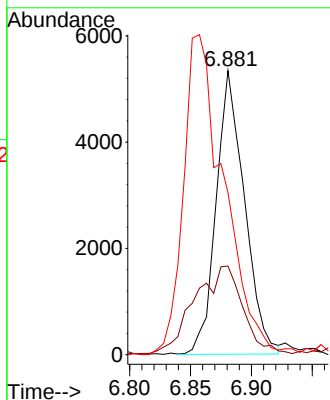
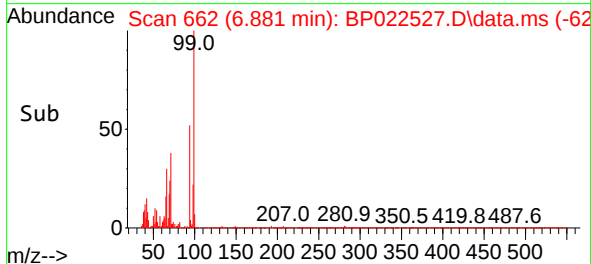
Instrument :
BNA_P
ClientSampleId :
A4FB0



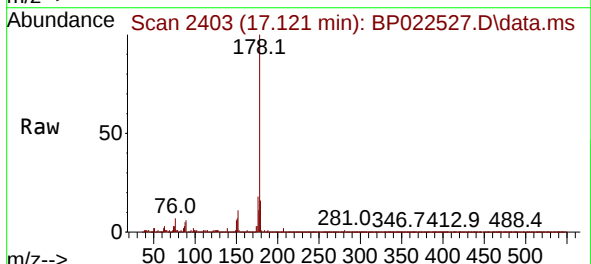
Tgt Ion: 94 Resp: 864
Ion Ratio Lower Upper
94 100
65 31.2 25.9 38.9
66 57.1 37.6 56.4

Manual Integrations
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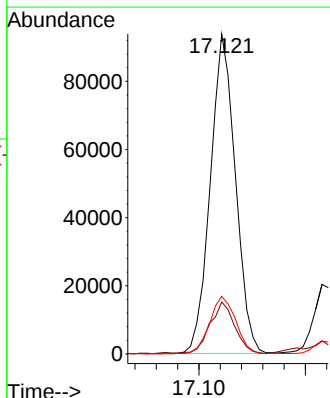
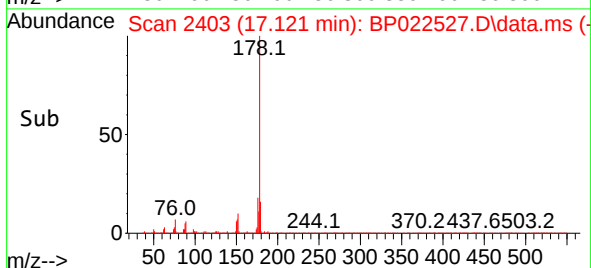
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024

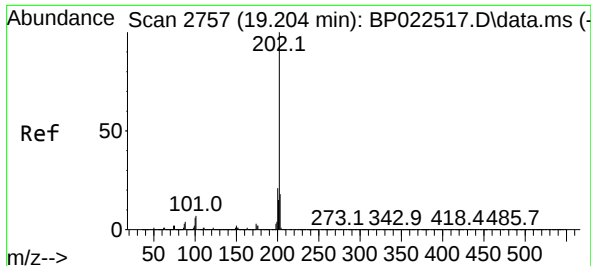


#72
Phenanthrene
Concen: 3.999 ng/ul
RT: 17.121 min Scan# 2403
Delta R.T. 0.006 min
Lab File: BP022527.D
Acq: 22 Oct 2024 06:20



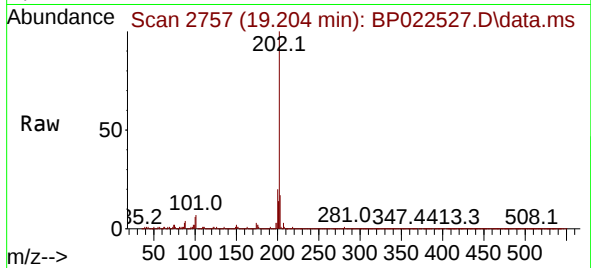
Tgt Ion:178 Resp: 153381
Ion Ratio Lower Upper
178 100
179 16.2 12.2 18.4
176 18.0 15.7 23.5





#80
Fluoranthene
Concen: 8.068 ng/u1
RT: 19.204 min Scan# 2757
Delta R.T. -0.006 min
Lab File: BP022527.D
Acq: 22 Oct 2024 06:20

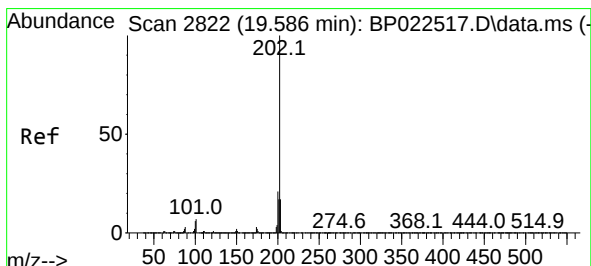
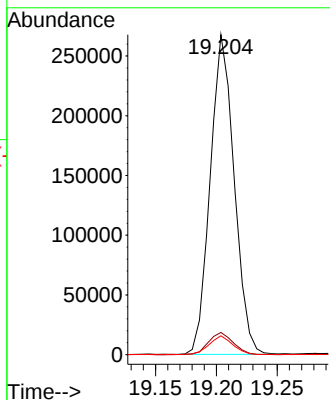
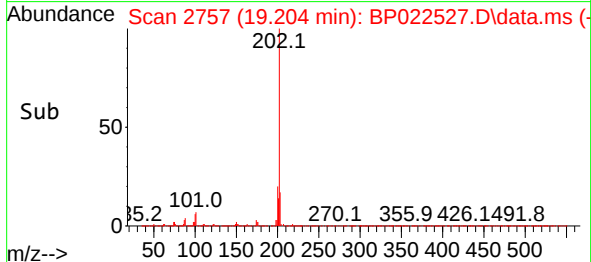
Instrument :
BNA_P
ClientSampleId :
A4FB0



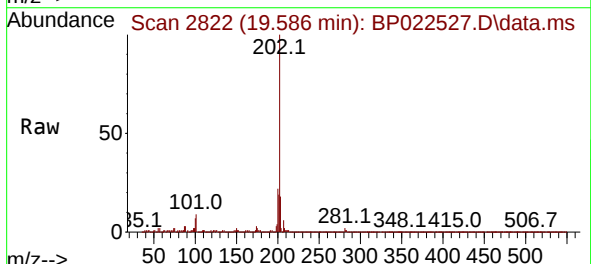
Tgt Ion:202 Resp: 366679
Ion Ratio Lower Upper
202 100
101 7.0 5.8 8.8
100 5.9 4.5 6.7

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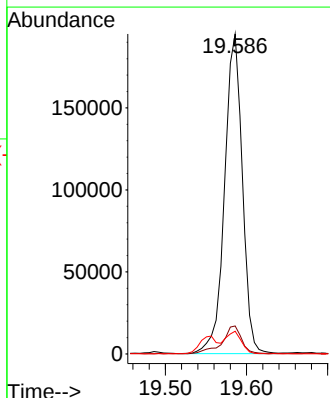
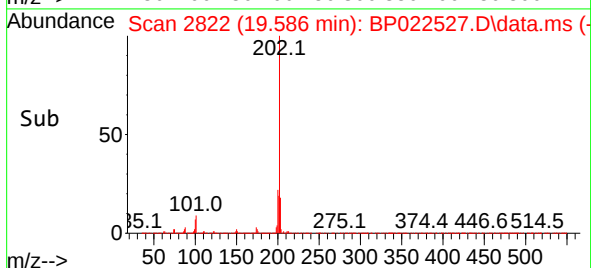
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024

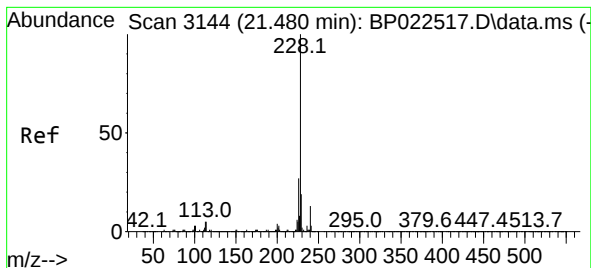


#82
Pyrene
Concen: 6.083 ng/u1
RT: 19.586 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BP022527.D
Acq: 22 Oct 2024 06:20



Tgt Ion:202 Resp: 296304
Ion Ratio Lower Upper
202 100
101 8.8 6.7 10.1
100 7.1 5.8 8.6





#85

Benzo(a)anthracene

Concen: 2.735 ng/ul

RT: 21.492 min Scan# 3146

Delta R.T. 0.012 min

Lab File: BP022527.D

Acq: 22 Oct 2024 06:20

Instrument :

BNA_P

ClientSampleId :

A4FB0

Tgt Ion:228 Resp: 14334

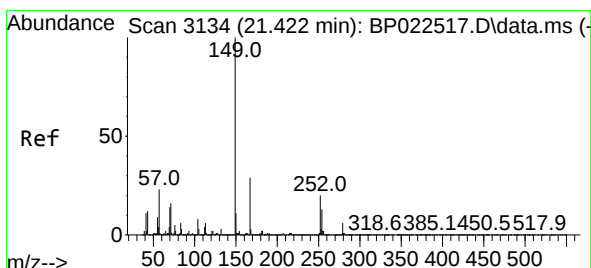
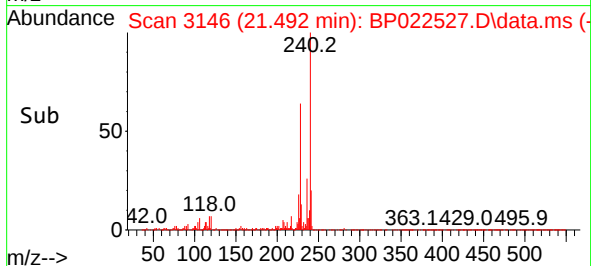
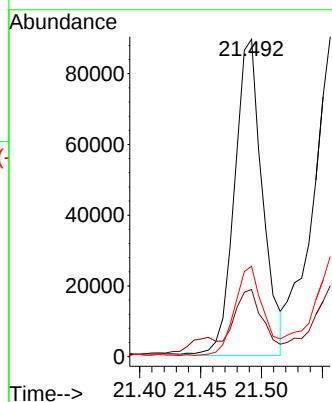
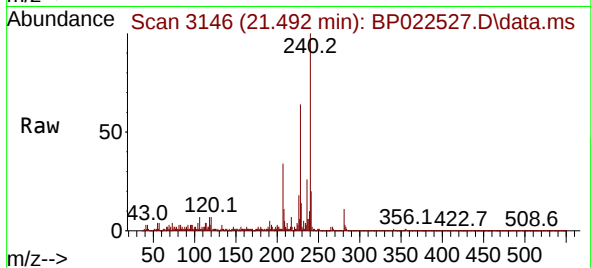
Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.4	23.0
226	28.5	21.5	32.3

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Supervised By :mohammad ahmed 10/25/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.331 ng/ul

RT: 21.421 min Scan# 3134

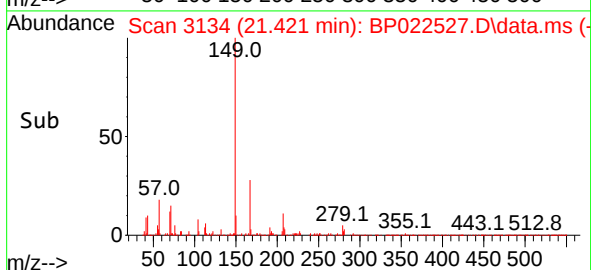
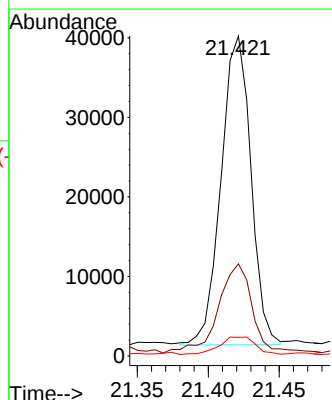
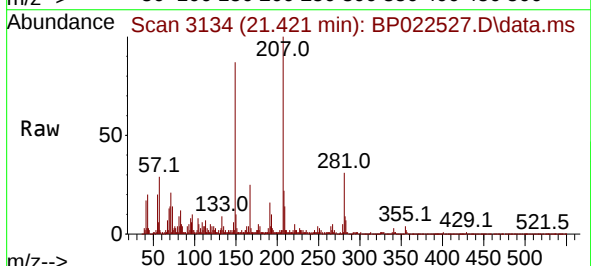
Delta R.T. 0.006 min

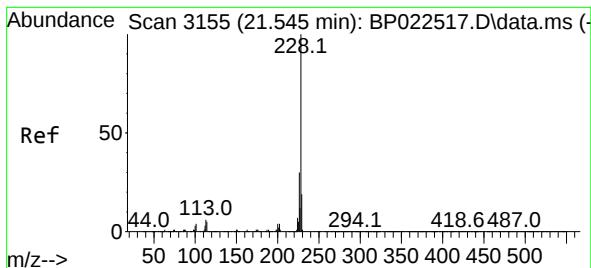
Lab File: BP022527.D

Acq: 22 Oct 2024 06:20

Tgt Ion:149 Resp: 56757

Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.0	34.4
279	5.8	4.8	7.2





#87

Chrysene

Concen: 3.206 ng/ul

RT: 21.556 min Scan# 3156

Delta R.T. 0.012 min

Lab File: BP022527.D

Acq: 22 Oct 2024 06:20

Instrument :

BNA_P

ClientSampleId :

A4FB0

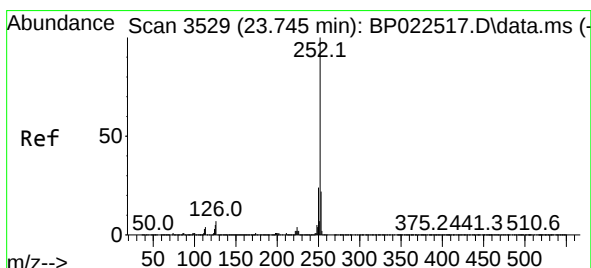
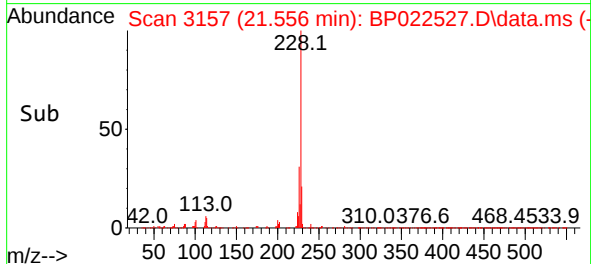
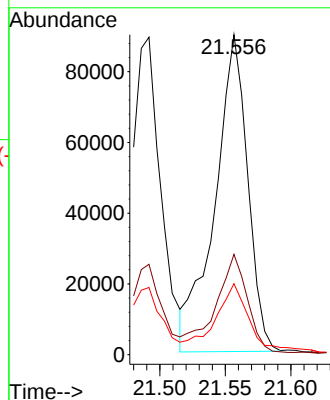
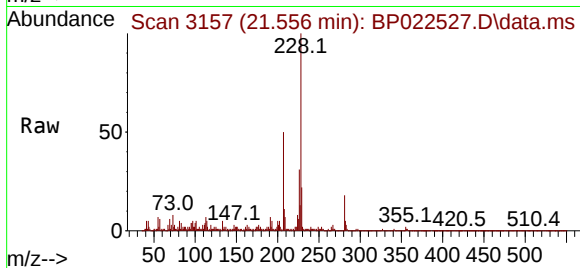
Tgt Ion:	228	Resp:	15578
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.8	35.8
229	22.2	15.5	23.3

Manual Integrations

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Reviewed By :Yogesh Patel 10/23/2024

Supervised By :mohammad ahmed 10/25/2024



#90

Benzo(b)fluoranthene

Concen: 3.717 ng/ul

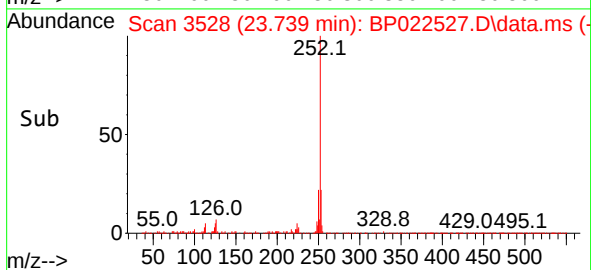
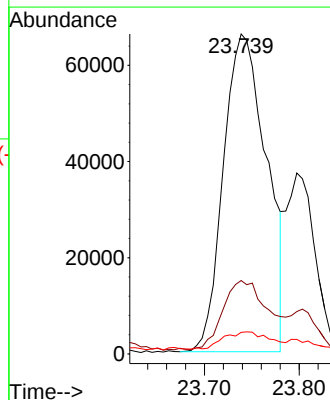
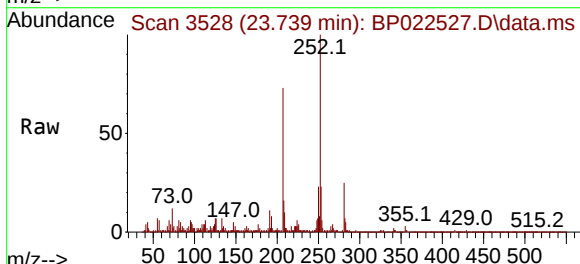
RT: 23.739 min Scan# 3528

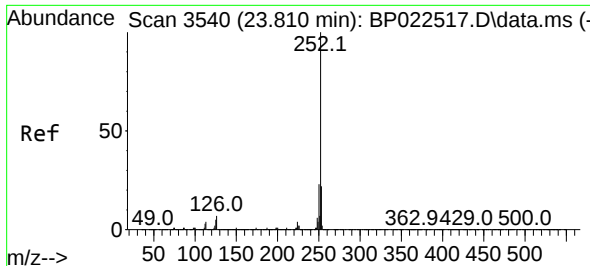
Delta R.T. 0.018 min

Lab File: BP022527.D

Acq: 22 Oct 2024 06:20

Tgt Ion:	252	Resp:	209184
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.8
125	6.8	5.0	7.4





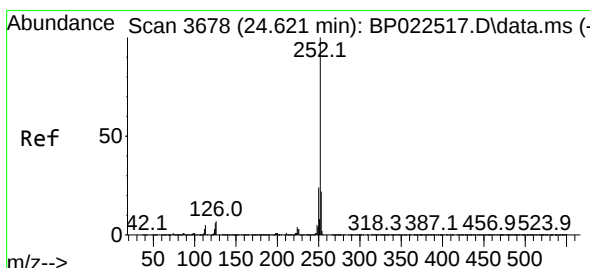
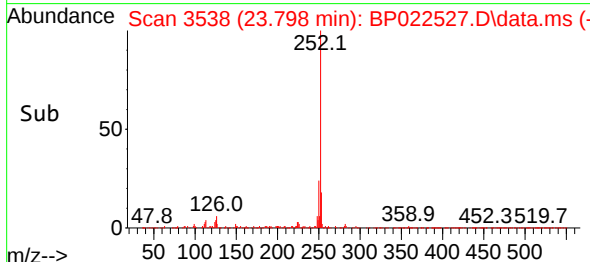
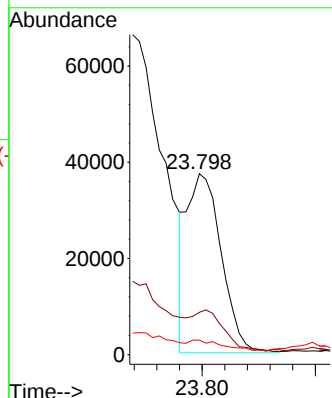
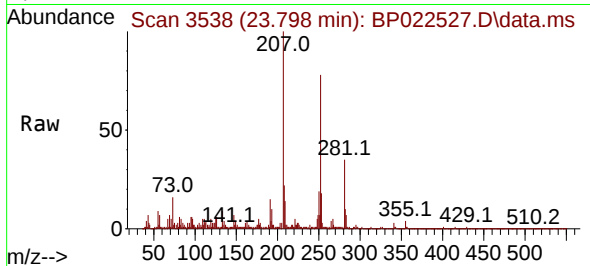
#91
Benzo(k)fluoranthene
Concen: 1.427 ng/ul m
RT: 23.798 min Scan# 3538
Delta R.T. 0.006 min
Lab File: BP022527.D
Acq: 22 Oct 2024 06:20

Instrument :
BNA_P
ClientSampleId :
A4FB0

Tgt Ion:252 Resp: 78638
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.0
125 8.0 4.6 6.8

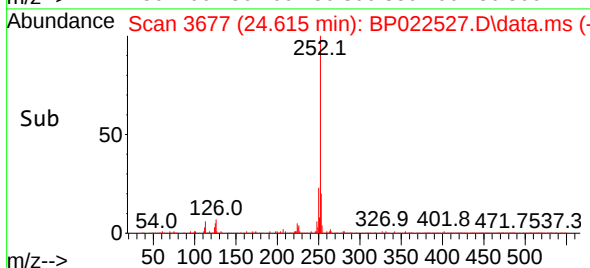
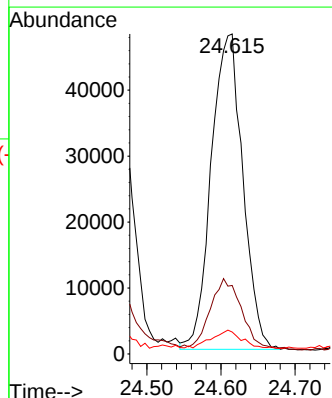
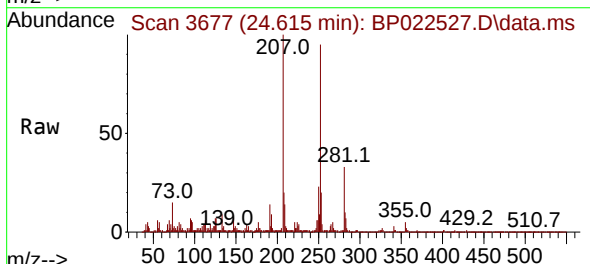
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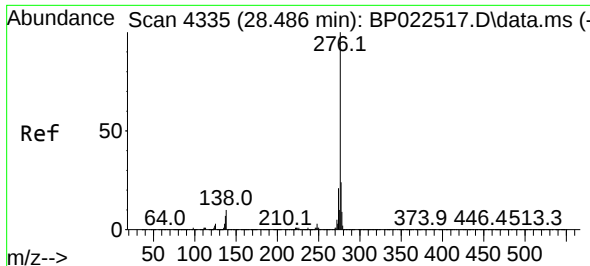
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#93
Benzo(a)pyrene
Concen: 2.732 ng/ul
RT: 24.615 min Scan# 3677
Delta R.T. 0.012 min
Lab File: BP022527.D
Acq: 22 Oct 2024 06:20

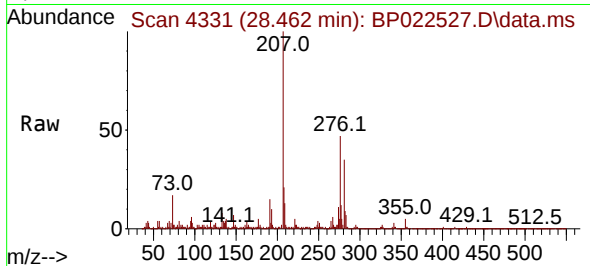
Tgt Ion:252 Resp: 141528
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 6.9 4.9 7.3





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.586 ng/ul m
RT: 28.462 min Scan# 4335
Delta R.T. 0.029 min
Lab File: BP022527.D
Acq: 22 Oct 2024 06:20

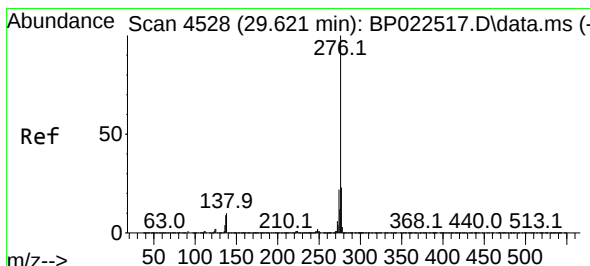
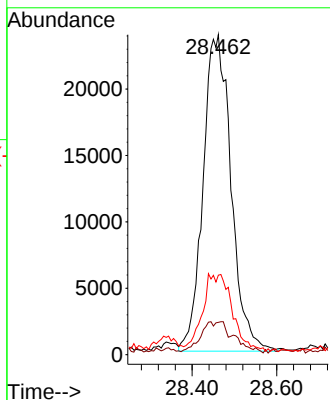
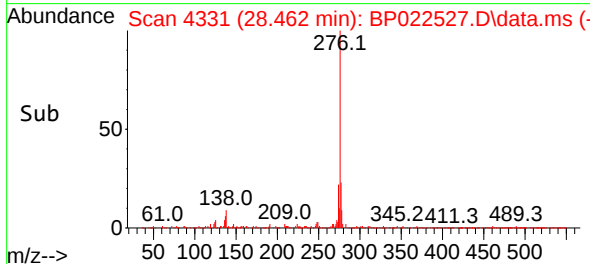
Instrument :
BNA_P
ClientSampleId :
A4FB0



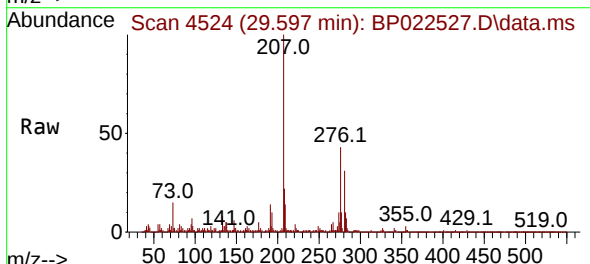
Tgt Ion:276 Resp: 109638
Ion Ratio Lower Upper
276 100
138 10.1 9.1 13.7
277 24.9 18.6 27.8

Manual Integrations
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Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#96
Benzo(g,h,i)perylene
Concen: 1.969 ng/ul
RT: 29.597 min Scan# 4524
Delta R.T. 0.024 min
Lab File: BP022527.D
Acq: 22 Oct 2024 06:20



Tgt Ion:276 Resp: 105857
Ion Ratio Lower Upper
276 100
138 11.2 8.5 12.7
277 23.4 19.0 28.4

