

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022510.D
 Acq On : 21 Oct 2024 18:08
 Operator : RC/JU
 Sample : P4429-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F94

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 22 01:21:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 18 11:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	93907	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	359819	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	284066	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	664738	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	662538	20.000	ng/u1	0.00
88) Perylene-d12	24.780	264	791091	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	6856	2.837	ng/uL	0.00
4) Pyridine-d5	3.611	84	83074	12.522	ng/u1	0.00
7) Phenol-d5	6.858	99	130237	16.476	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	79054	17.015	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	101604	18.114	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	111197	17.627	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	49201	17.784	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	58705	18.328	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.058	165	121730	17.881	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	132921	16.524	ng/u1	0.00
46) Dimethylphthalate-d6	13.693	166	418780	18.555	ng/u1	0.01
49) Acenaphthylene-d8	13.975	160	445942	18.603	ng/u1	0.01
54) 4-Nitrophenol-d4	14.504	143	46361m	12.244	ng/u1	0.00
60) Fluorene-d10	15.293	176	380658	19.445	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.422	200	36910	8.443	ng/u1	0.00
73) Anthracene-d10	17.175	188	635589	20.325	ng/u1	0.00
81) Pyrene-d10	19.563	212	742723	21.199	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.551	264	858535	20.321	ng/u1	0.02
Target Compounds					Qvalue	
72) Phenanthrene	17.122	178	73190	2.058	ng/u1	98
80) Fluoranthene	19.216	202	296095	7.351	ng/u1	99
82) Pyrene	19.592	202	387312	8.972	ng/u1	99
85) Benzo(a)anthracene	21.486	228	362138	7.797	ng/u1	94
86) Bis(2-ethylhexyl)phtha...	21.422	149	38568	1.788	ng/u1	95
87) Chrysene	21.545	228	335726	7.796	ng/u1	98
89) Di-n-octyl phthalate	22.680	149	174568	4.639	ng/u1	100
90) Benzo(b)fluoranthene	23.751	252	391608	7.864	ng/u1	99
91) Benzo(k)fluoranthene	23.804	252	135249	2.774	ng/u1#	97
93) Benzo(a)pyrene	24.633	252	484148	10.564	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.474	276	218639m	3.575	ng/u1	
95) Dibenzo(a,h)anthracene	28.545	278	57022m	1.151	ng/u1	
96) Benzo(g,h,i)perylene	29.627	276	313254m	6.585	ng/u1	

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

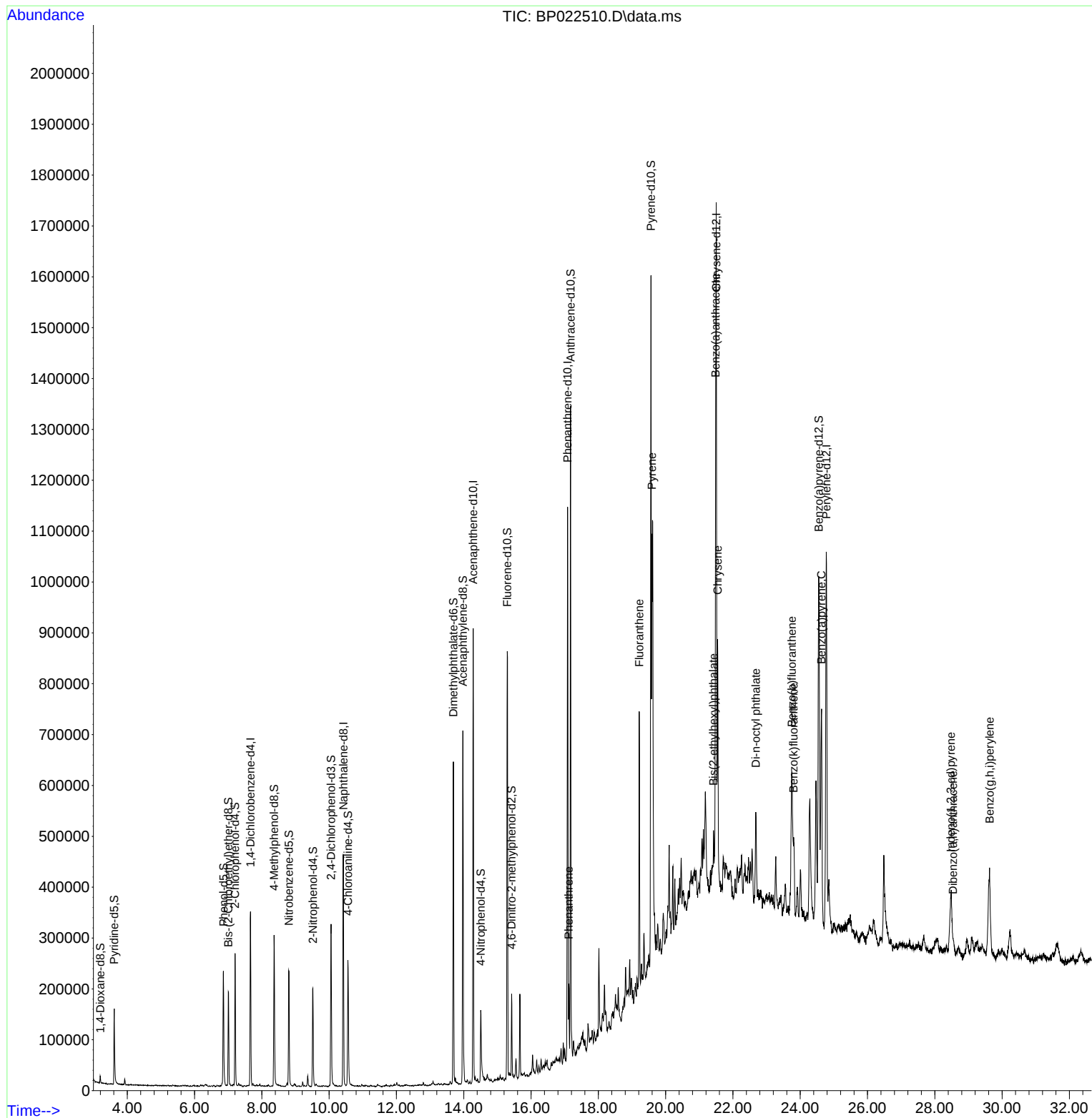
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022510.D
Acq On : 21 Oct 2024 18:08
Operator : RC/JU
Sample : P4429-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

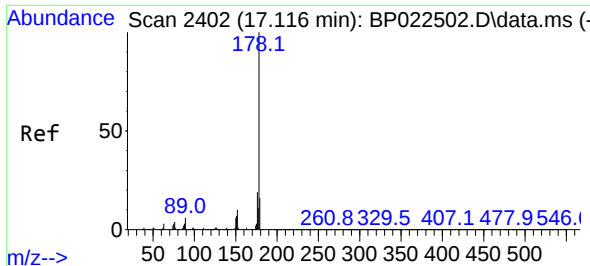
Instrument :
BNA_P
ClientSampleId :
A4F94

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Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024

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Quant Title : SVOA CALIBRATION
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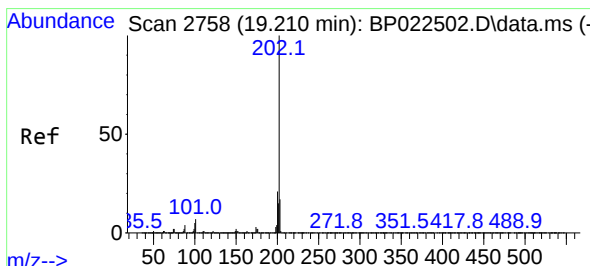
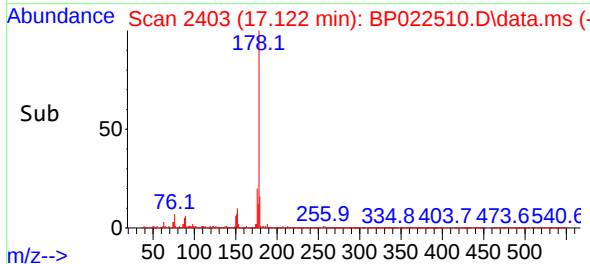
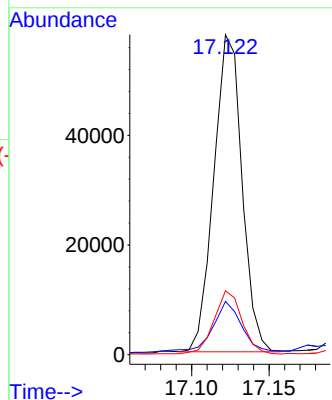
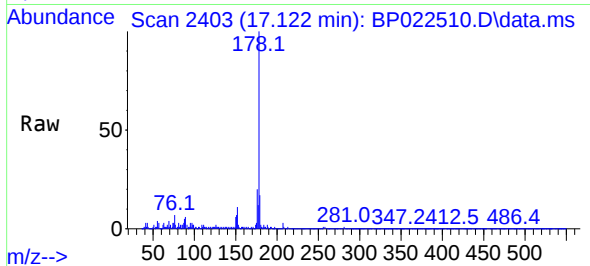
#72
Phenanthrene
Concen: 2.058 ng/u1
RT: 17.122 min Scan# 2402
Delta R.T. 0.006 min
Lab File: BP022510.D
Acq: 21 Oct 2024 18:08

Instrument :
BNA_P
ClientSampleId :
A4F94

Tgt Ion:178 Resp: 73190
Ion Ratio Lower Upper
178 100
179 16.6 12.2 18.4
176 20.0 15.7 23.5

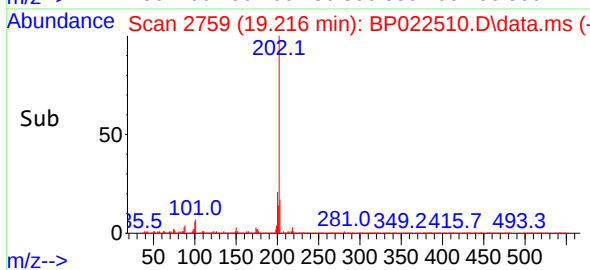
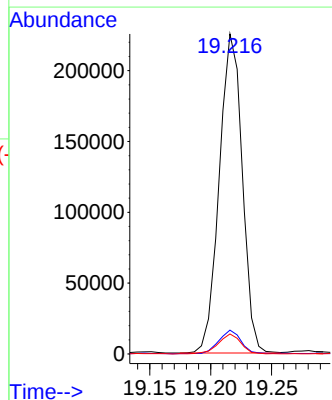
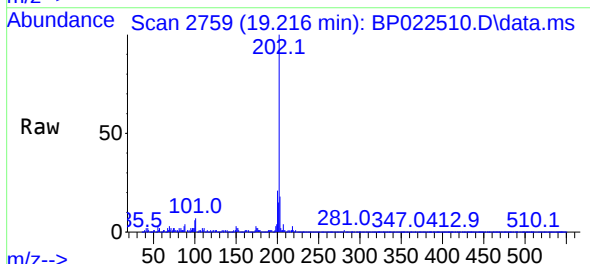
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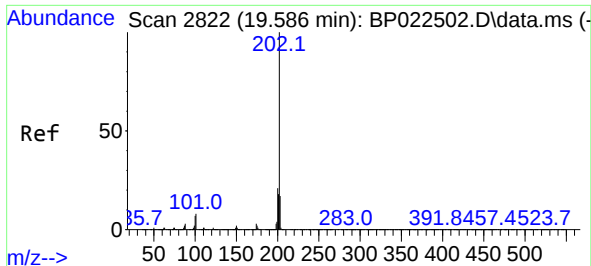
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



#80
Fluoranthene
Concen: 7.351 ng/u1
RT: 19.216 min Scan# 2759
Delta R.T. 0.006 min
Lab File: BP022510.D
Acq: 21 Oct 2024 18:08

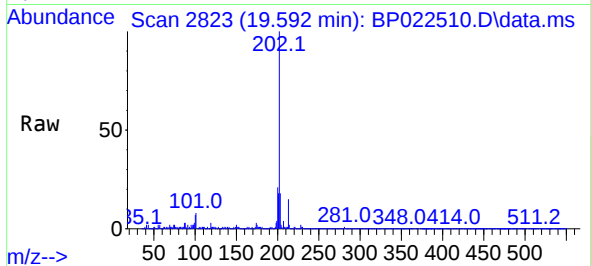
Tgt Ion:202 Resp: 296095
Ion Ratio Lower Upper
202 100
101 7.5 5.8 8.8
100 6.2 4.5 6.7





#82
Pyrene
Concen: 8.972 ng/ul
RT: 19.592 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP022510.D
Acq: 21 Oct 2024 18:08

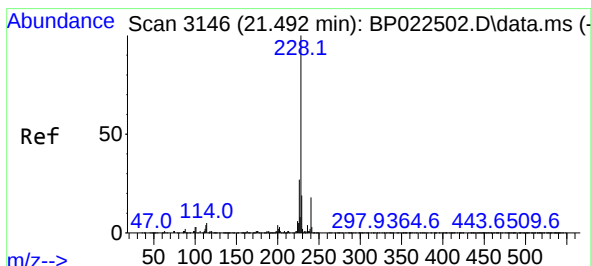
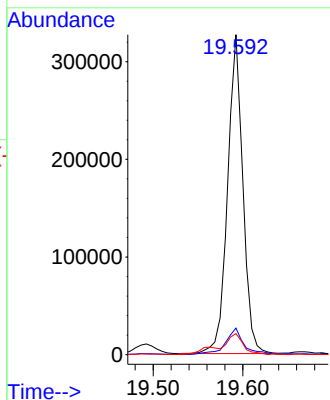
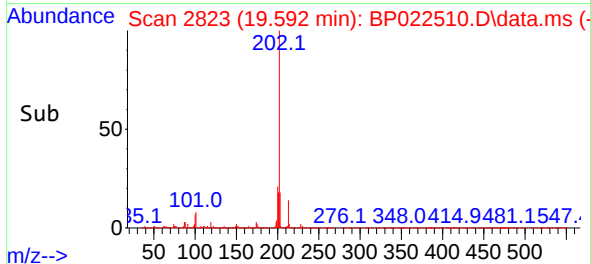
Instrument :
BNA_P
ClientSampleId :
A4F94



Tgt Ion:202 Resp: 387312
Ion Ratio Lower Upper
202 100
101 8.3 6.7 10.1
100 6.6 5.8 8.6

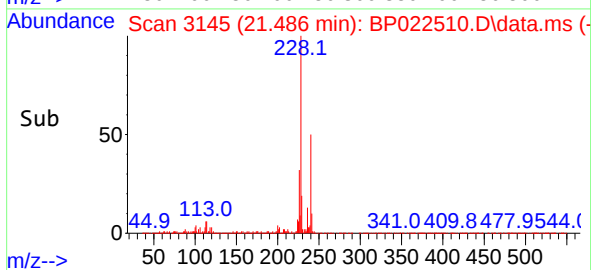
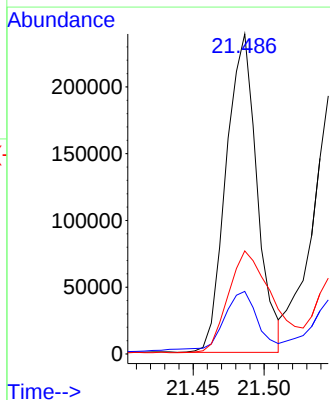
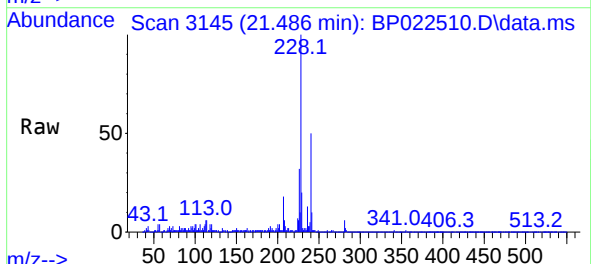
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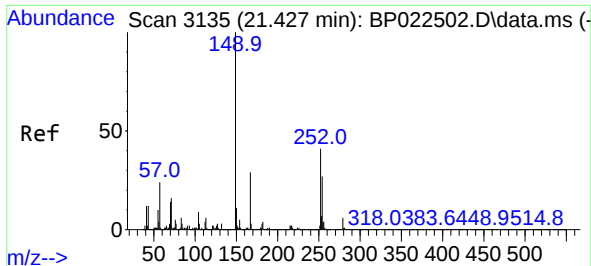
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



#85
Benzo(a)anthracene
Concen: 7.797 ng/ul
RT: 21.486 min Scan# 3145
Delta R.T. 0.006 min
Lab File: BP022510.D
Acq: 21 Oct 2024 18:08

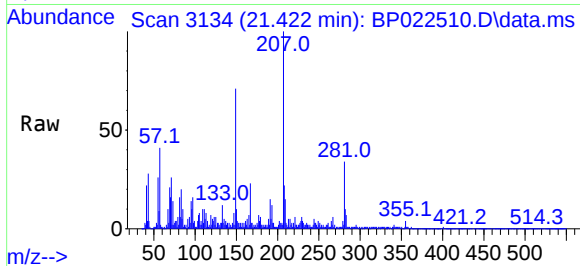
Tgt Ion:228 Resp: 362138
Ion Ratio Lower Upper
228 100
229 19.5 15.4 23.0
226 32.2 21.5 32.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.788 ng/ul
RT: 21.422 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP022510.D
Acq: 21 Oct 2024 18:08

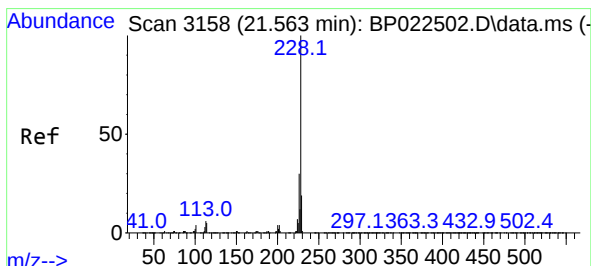
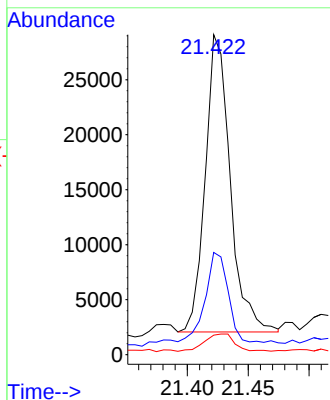
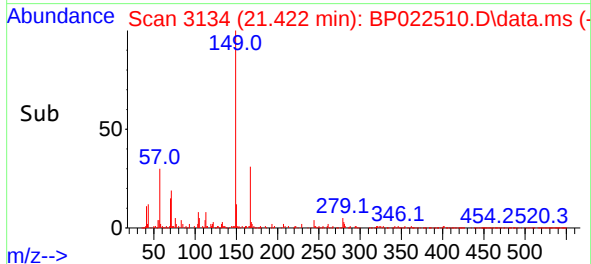
Instrument :
BNA_P
ClientSampleId :
A4F94



Tgt Ion:149 Resp: 3856
Ion Ratio Lower Upper
149 100
167 31.9 23.0 34.4
279 6.1 4.8 7.2

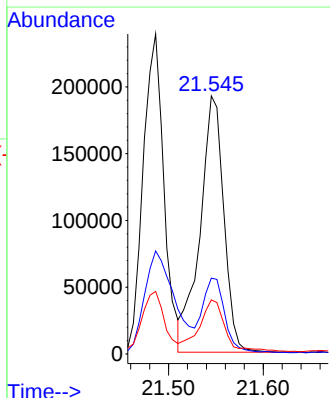
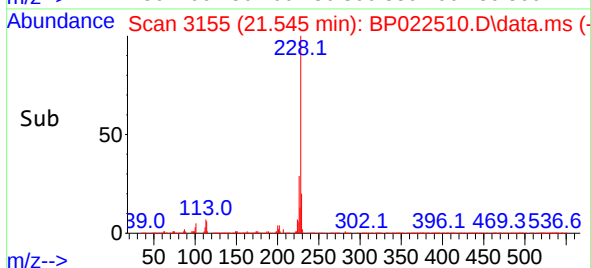
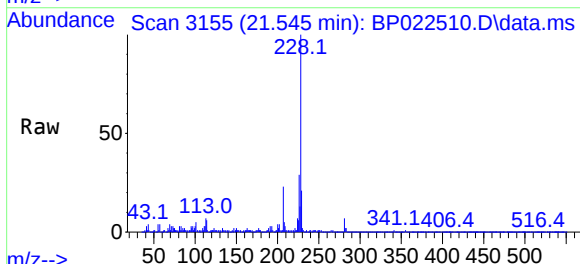
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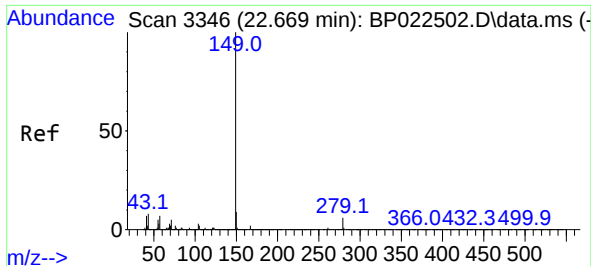
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



#87
Chrysene
Concen: 7.796 ng/ul
RT: 21.545 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BP022510.D
Acq: 21 Oct 2024 18:08

Tgt Ion:228 Resp: 335726
Ion Ratio Lower Upper
228 100
226 29.4 23.8 35.8
229 21.0 15.5 23.3





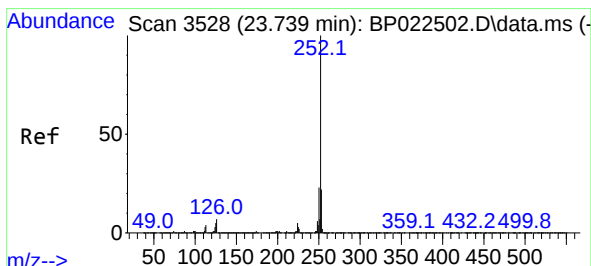
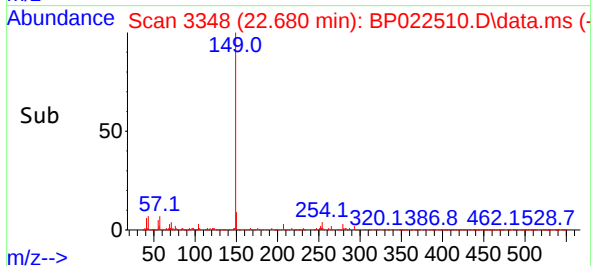
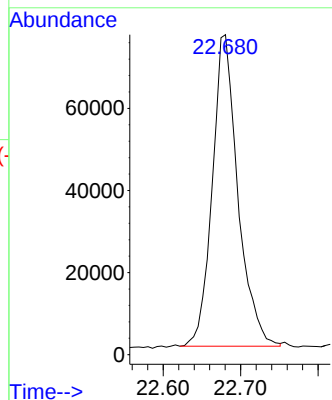
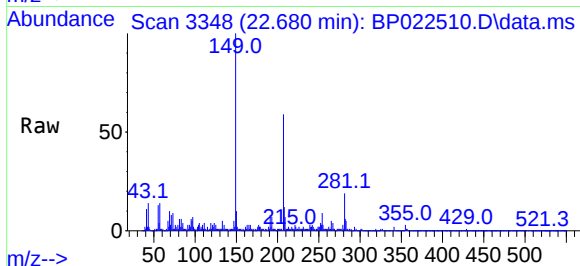
#89
Di-n-octyl phthalate
Concen: 4.639 ng/ul
RT: 22.680 min Scan# 31
Delta R.T. 0.030 min
Lab File: BP022510.D
Acq: 21 Oct 2024 18:08

Instrument :
BNA_P
ClientSampleId :
A4F94

Tgt Ion:149 Resp: 17456

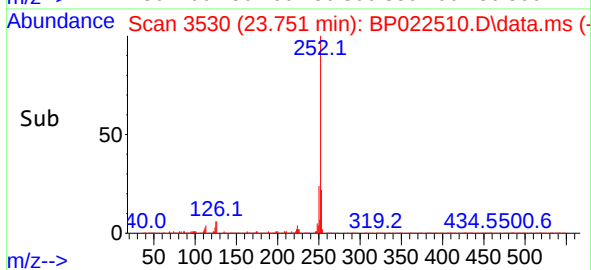
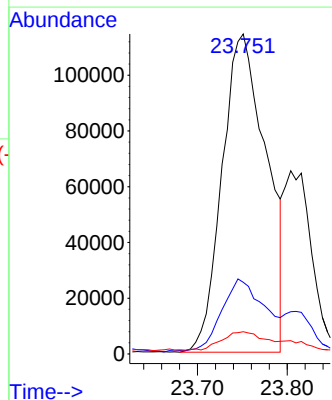
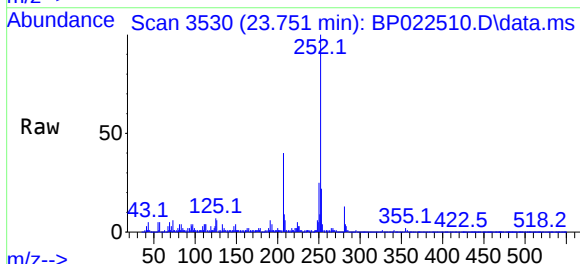
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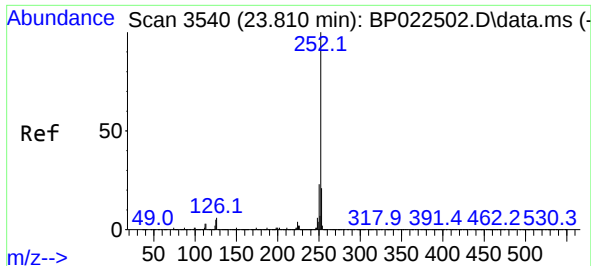
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



#90
Benzo(b)fluoranthene
Concen: 7.864 ng/ul
RT: 23.751 min Scan# 3530
Delta R.T. 0.030 min
Lab File: BP022510.D
Acq: 21 Oct 2024 18:08

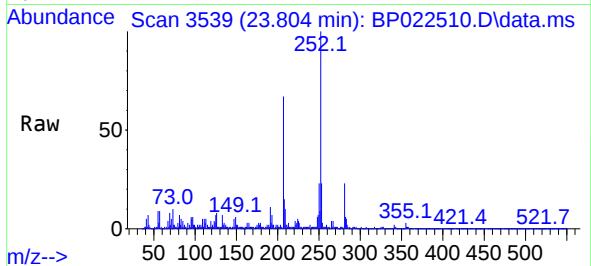
Tgt Ion:252 Resp: 391608
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 6.9 5.0 7.4





#91
Benzo(k)fluoranthene
Concen: 2.774 ng/u1
RT: 23.804 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP022510.D
Acq: 21 Oct 2024 18:08

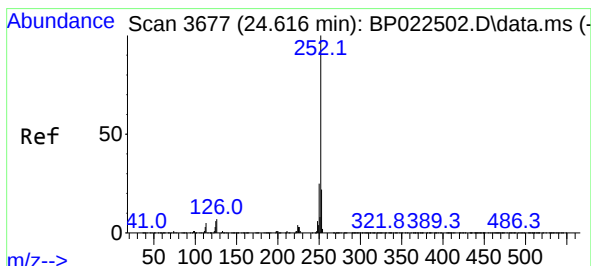
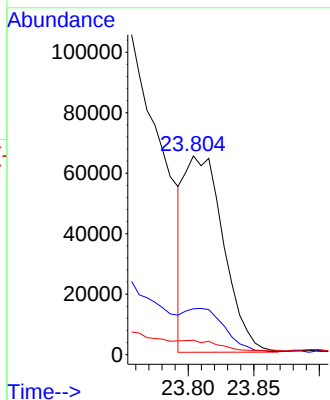
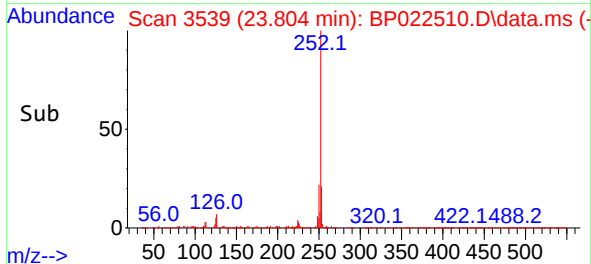
Instrument :
BNA_P
ClientSampleId :
A4F94



Tgt Ion:252 Resp: 135249
Ion Ratio Lower Upper
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253 23.1 17.4 26.0
125 7.2 4.6 6.8

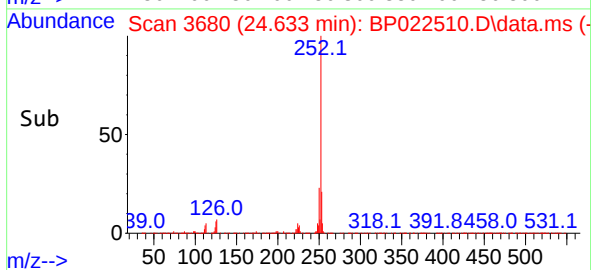
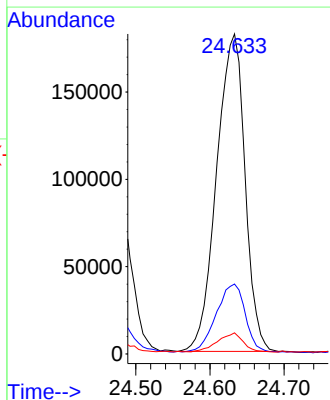
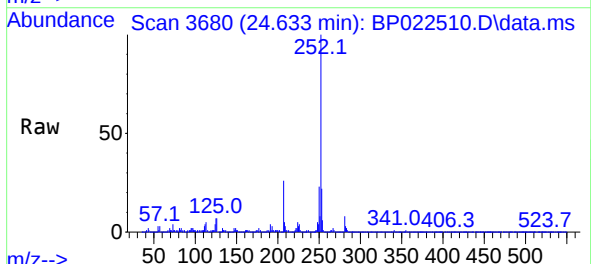
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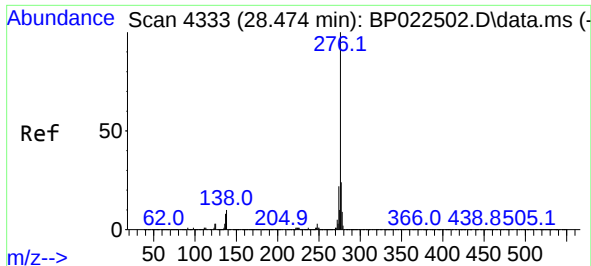
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



#93
Benzo(a)pyrene
Concen: 10.564 ng/u1
RT: 24.633 min Scan# 3680
Delta R.T. 0.030 min
Lab File: BP022510.D
Acq: 21 Oct 2024 18:08

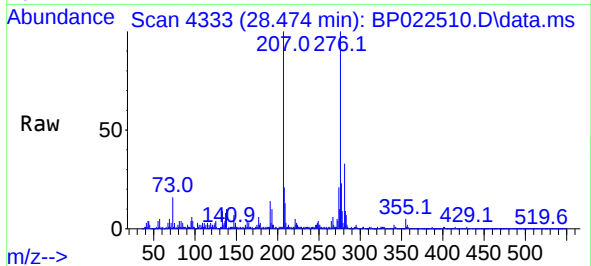
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Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 6.6 4.9 7.3





#94
Indeno(1,2,3-cd)pyrene
Concen: 3.575 ng/ul m
RT: 28.474 min Scan# 4333
Delta R.T. 0.042 min
Lab File: BP022510.D
Acq: 21 Oct 2024 18:08

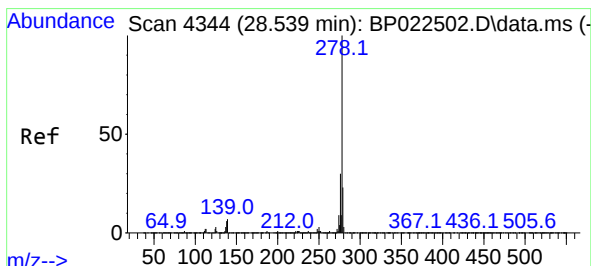
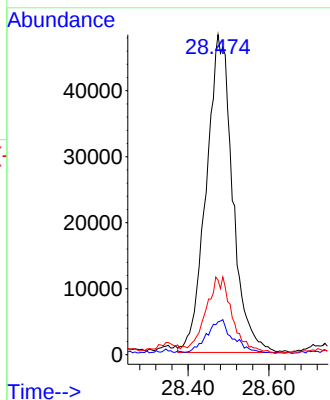
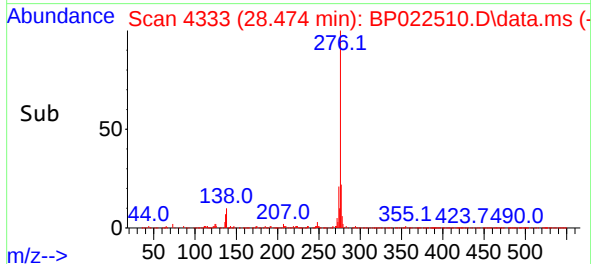
Instrument :
BNA_P
ClientSampleId :
A4F94



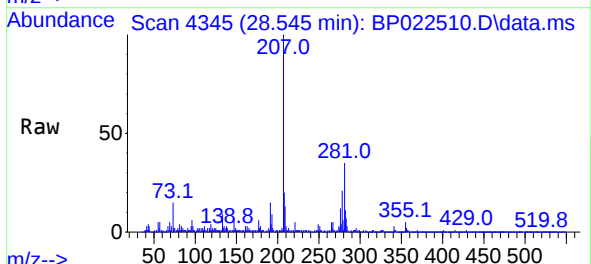
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Ion Ratio Lower Upper
276 100
138 10.2 9.1 13.7
277 23.3 18.6 27.8

Manual Integrations
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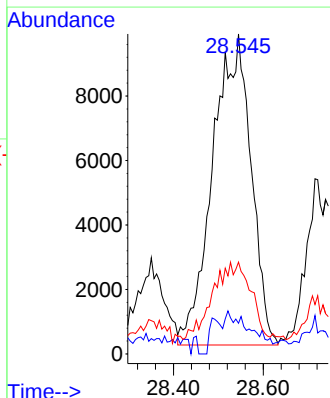
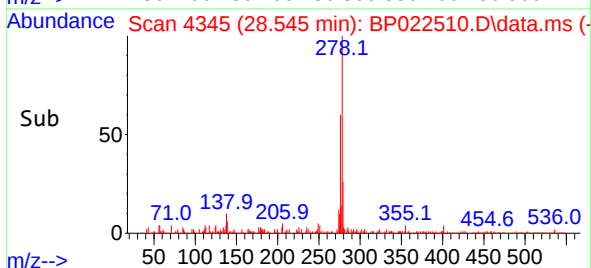
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024

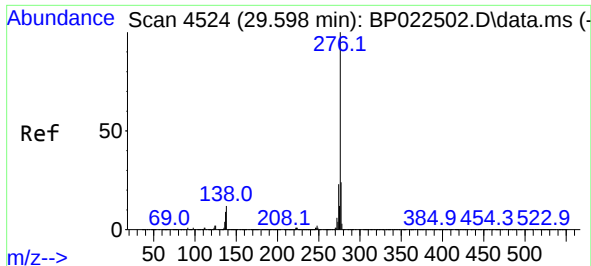


#95
Dibenzo(a,h)anthracene
Concen: 1.151 ng/ul m
RT: 28.545 min Scan# 4345
Delta R.T. 0.030 min
Lab File: BP022510.D
Acq: 21 Oct 2024 18:08



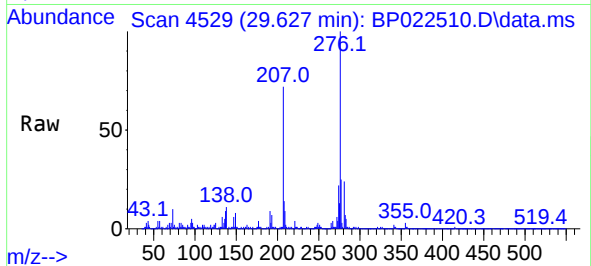
Tgt Ion: 278 Resp: 57022
Ion Ratio Lower Upper
278 100
139 9.6 7.3 10.9
279 28.7 19.0 28.4#





#96
 Benzo(g,h,i)perylene
 Concen: 6.585 ng/ul m
 RT: 29.627 min Scan# 4
 Delta R.T. 0.053 min
 Lab File: BP022510.D
 Acq: 21 Oct 2024 18:08

Instrument :
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Tgt Ion:276 Resp: 313254
 Ion Ratio Lower Upper
 276 100
 138 10.9 8.5 12.7
 277 24.6 19.0 28.4

Manual Integrations
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 Supervised By :mohammad ahmed 10/25/2024

