

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022522.D
 Acq On : 22 Oct 2024 02:58
 Operator : RC/JU
 Sample : P4414-23
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F86

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 04:06:41 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	7.663	152	100511	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	394506	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	304716	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.063	188	745572	20.000	ng/u1	-0.02
79) Chrysene-d12	21.510	240	754721	20.000	ng/u1	0.01
88) Perylene-d12	24.780	264	877723	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	9151	3.538	ng/uL	0.00
4) Pyridine-d5	3.611	84	137068	19.304	ng/u1	0.00
7) Phenol-d5	6.858	99	207261	24.497	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	116268	23.381	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	150743	25.109	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	175381	25.974	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	77233	25.461	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	94182	26.818	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	190908	25.577	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	206652	23.431	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	631104	26.068	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	687028	26.718	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	83927	20.664	ng/u1	0.00
60) Fluorene-d10	15.281	176	563825	26.850	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	74841	15.263	ng/u1	0.00
73) Anthracene-d10	17.175	188	958422	27.326	ng/u1	0.00
81) Pyrene-d10	19.551	212	1160912	29.087	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.551	264	1270106	27.096	ng/u1	0.02
Target Compounds						
					Qvalue	
8) Phenol	6.881	94	10149	1.153	ng/u1#	88
72) Phenanthrene	17.110	178	105874	2.654	ng/u1	99
80) Fluoranthene	19.198	202	257931	5.622	ng/u1	99
82) Pyrene	19.581	202	206843	4.206	ng/u1	98
85) Benzo(a)anthracene	21.486	228	100380	1.897	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.422	149	35878	1.460	ng/u1	99
87) Chrysene	21.563	228	110471	2.252	ng/u1	97
90) Benzo(b)fluoranthene	23.739	252	146081	2.644	ng/u1	97
93) Benzo(a)pyrene	24.616	252	85062	1.673	ng/u1	99
96) Benzo(g,h,i)perylene	29.609	276	64237m	1.217	ng/u1	

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

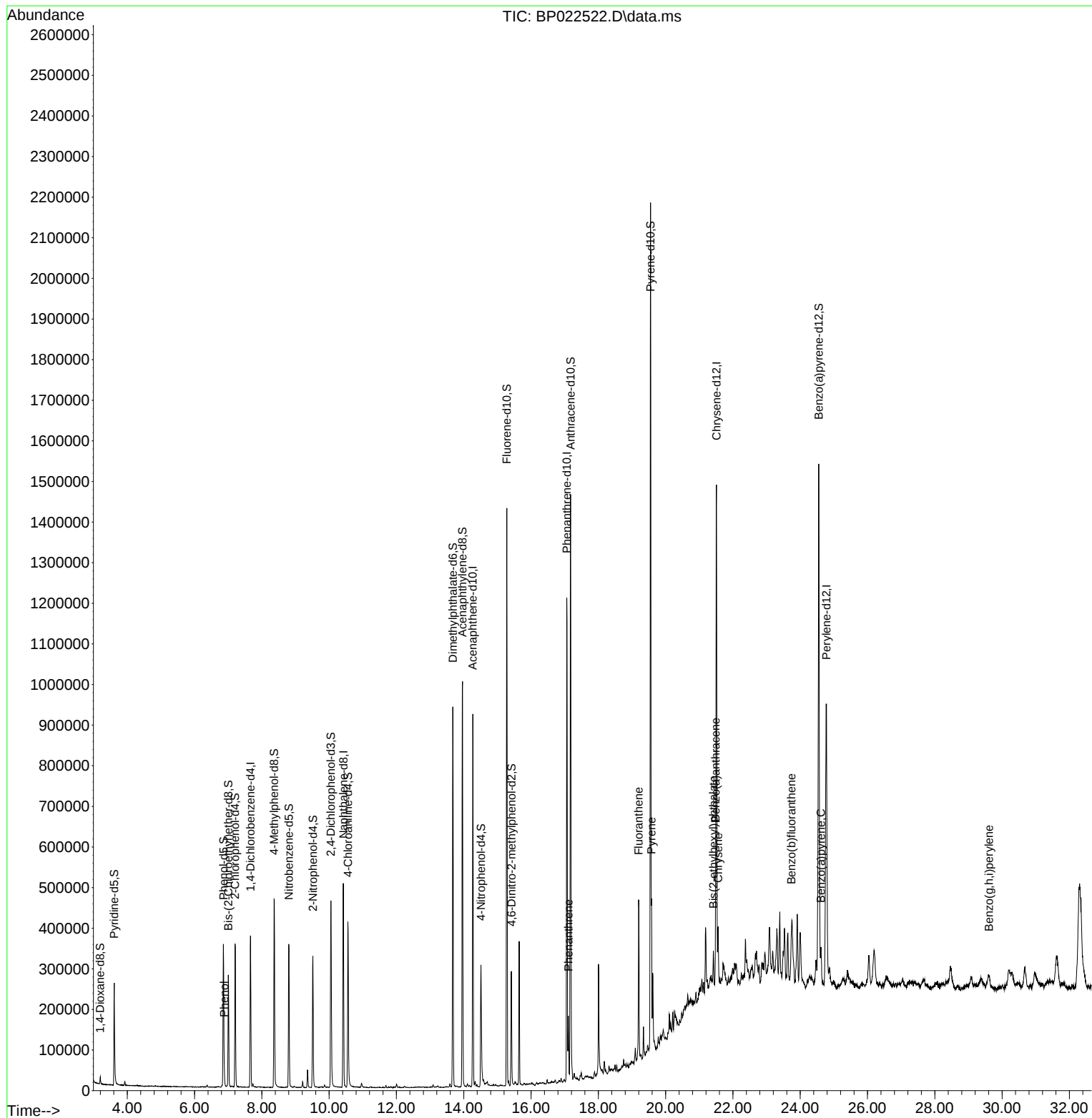
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
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ALS Vial : 23 Sample Multiplier: 1

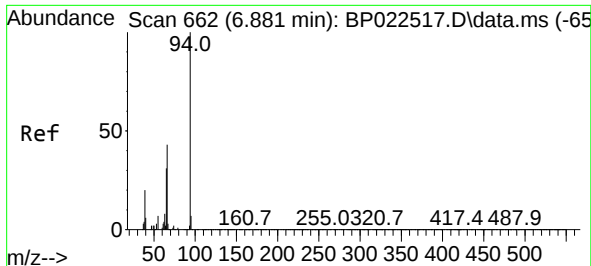
Instrument :
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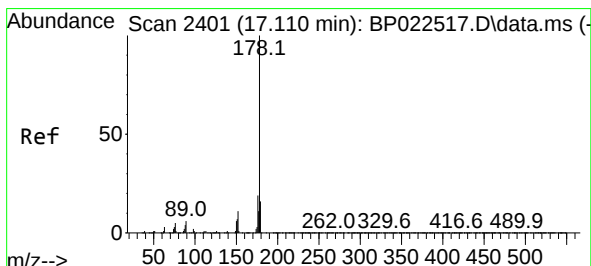
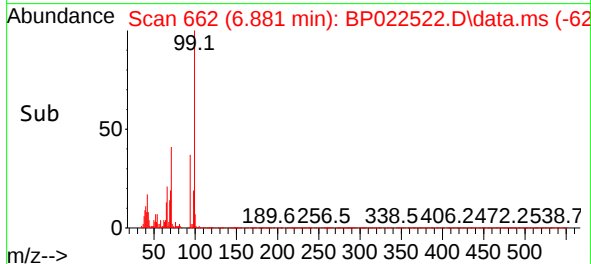
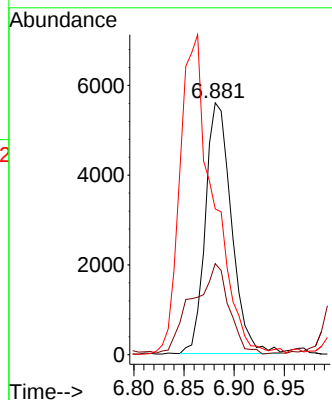
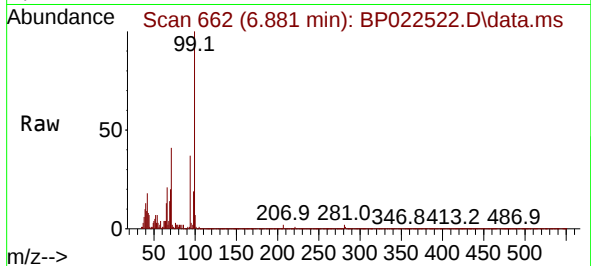
#8
Phenol
Concen: 1.153 ng/ul
RT: 6.881 min Scan# 601
Delta R.T. 0.000 min
Lab File: BP022522.D
Acq: 22 Oct 2024 02:58

Instrument :
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ClientSampleId :
A4F86

Tgt Ion: 94	Resp: 10149
Ion Ratio	Lower Upper
94 100	
65 36.1	25.9 38.9
66 57.9	37.6 56.4

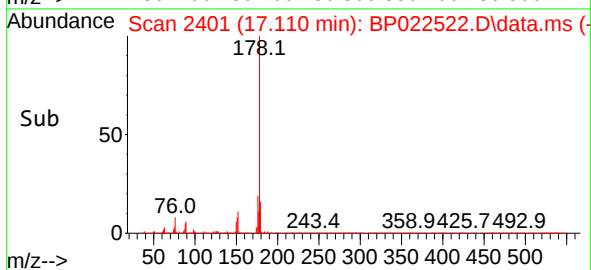
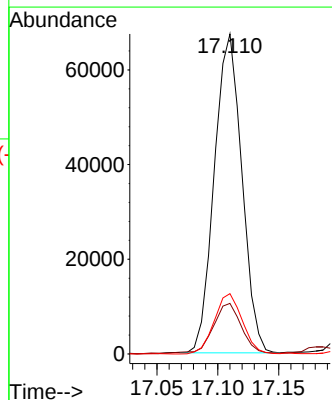
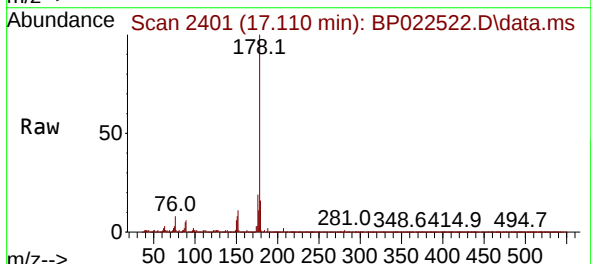
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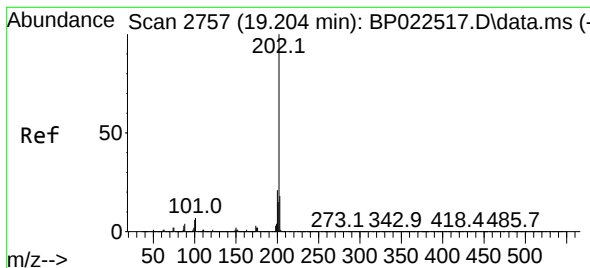
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#72
Phenanthrene
Concen: 2.654 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.005 min
Lab File: BP022522.D
Acq: 22 Oct 2024 02:58

Tgt Ion:178	Resp: 105874
Ion Ratio	Lower Upper
178 100	
179 15.8	12.2 18.4
176 18.9	15.7 23.5





#80

Fluoranthene

Concen: 5.622 ng/u1

RT: 19.198 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP022522.D

Acq: 22 Oct 2024 02:58

Instrument :

BNA_P

ClientSampleId :

A4F86

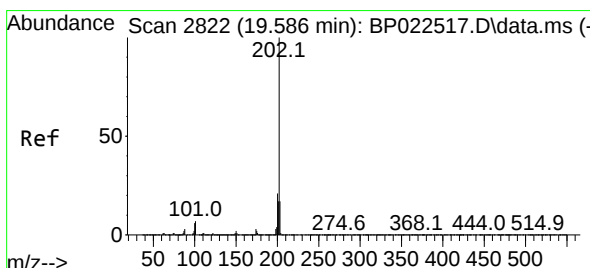
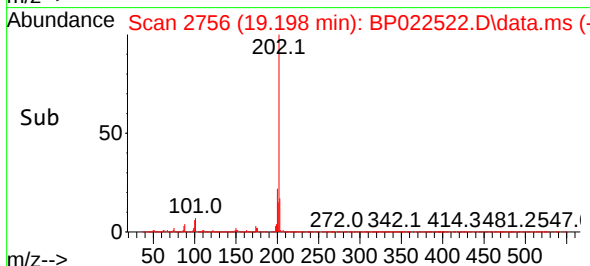
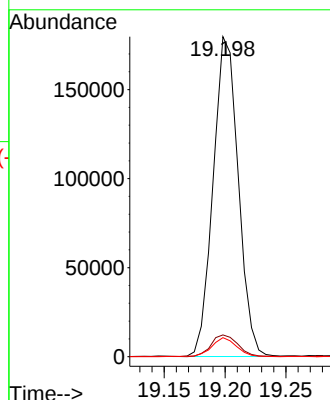
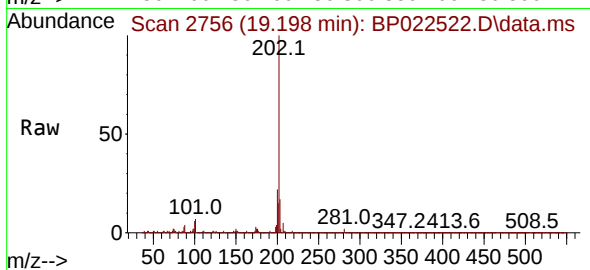
Tgt Ion:	202	Resp:	25793
Ion Ratio	Lower	Upper	
202	100		
101	6.8	5.8	8.8
100	5.9	4.5	6.7

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Reviewed By :Yogesh Patel 10/23/2024

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#82

Pyrene

Concen: 4.206 ng/u1

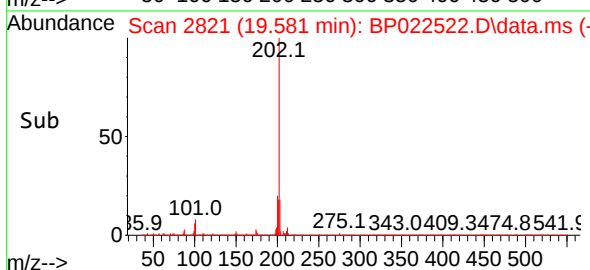
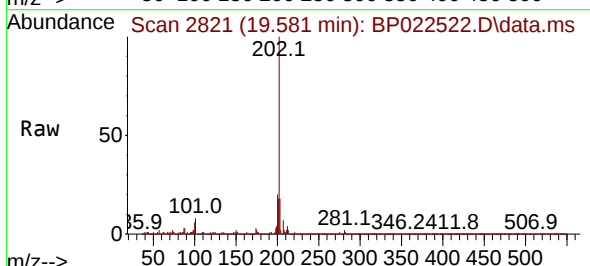
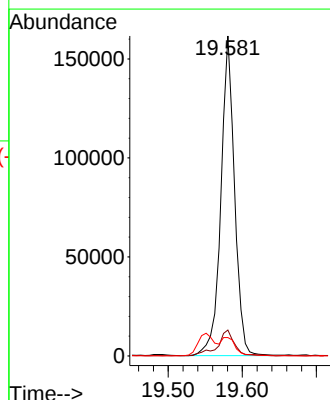
RT: 19.581 min Scan# 2821

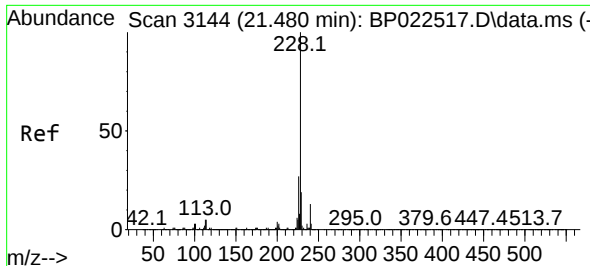
Delta R.T. -0.005 min

Lab File: BP022522.D

Acq: 22 Oct 2024 02:58

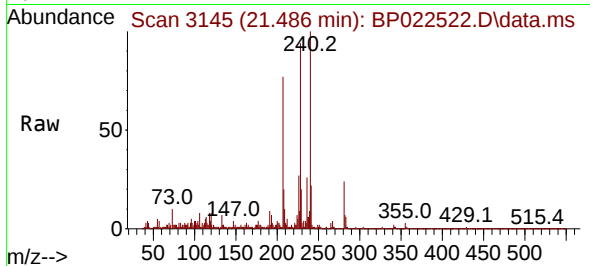
Tgt Ion:	202	Resp:	206843
Ion Ratio	Lower	Upper	
202	100		
101	8.1	6.7	10.1
100	5.8	5.8	8.6





#85
 Benzo(a)anthracene
 Concen: 1.897 ng/ul
 RT: 21.486 min Scan# 3145
 Delta R.T. 0.006 min
 Lab File: BP022522.D
 Acq: 22 Oct 2024 02:58

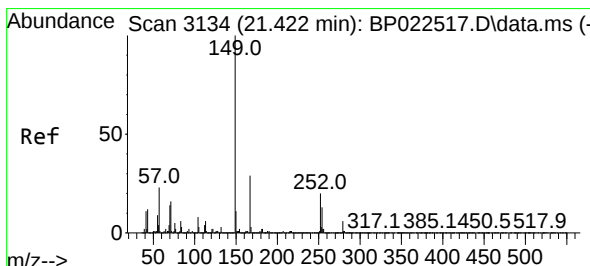
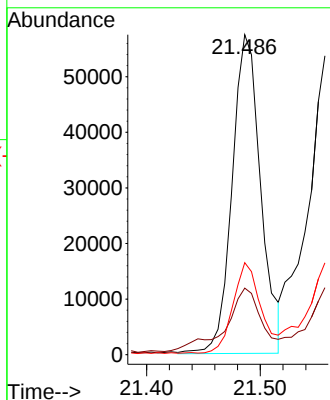
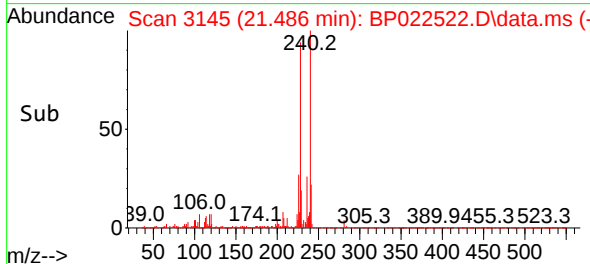
Instrument :
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 ClientSampleId :
 A4F86



Tgt Ion:228 Resp: 100380
 Ion Ratio Lower Upper
 228 100
 229 20.8 15.4 23.0
 226 28.8 21.5 32.3

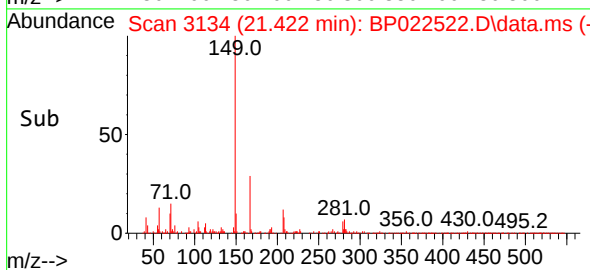
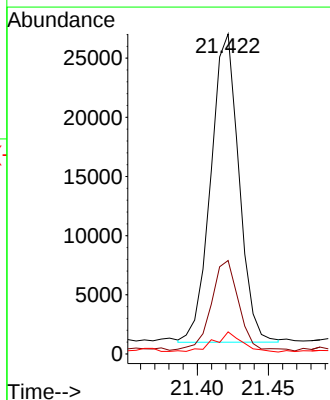
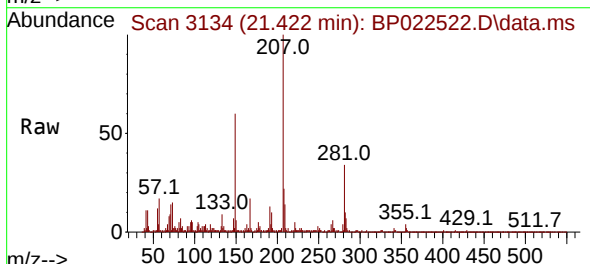
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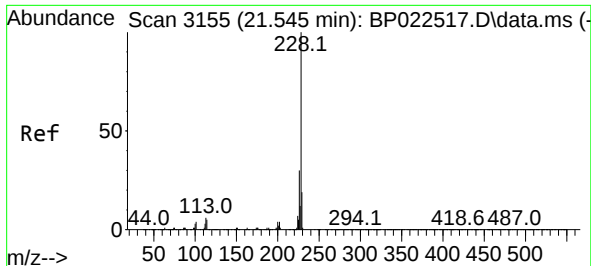
Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024



#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.460 ng/ul
 RT: 21.422 min Scan# 3134
 Delta R.T. 0.006 min
 Lab File: BP022522.D
 Acq: 22 Oct 2024 02:58

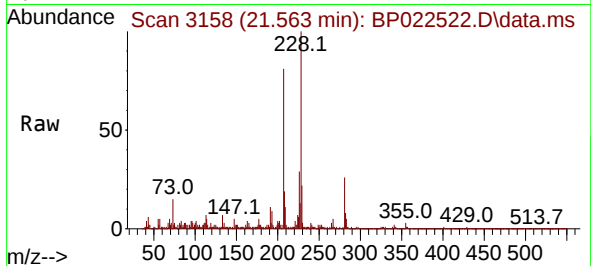
Tgt Ion:149 Resp: 35878
 Ion Ratio Lower Upper
 149 100
 167 29.2 23.0 34.4
 279 6.9 4.8 7.2





#87
Chrysene
Concen: 2.252 ng/ul
RT: 21.563 min Scan# 3158
Delta R.T. 0.018 min
Lab File: BP022522.D
Acq: 22 Oct 2024 02:58

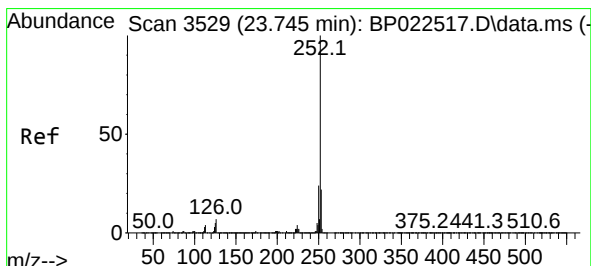
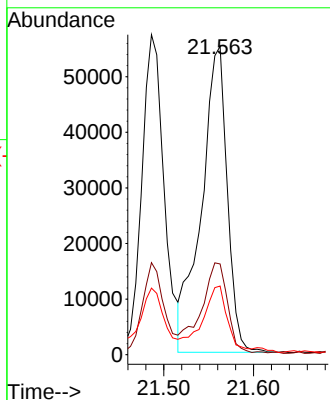
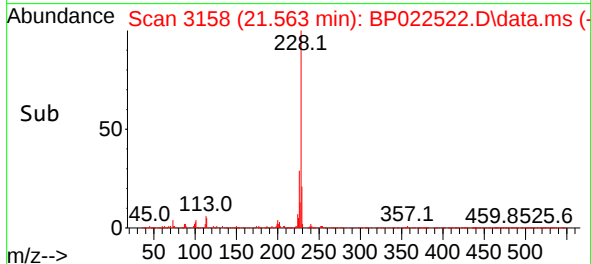
Instrument :
BNA_P
ClientSampleId :
A4F86



Tgt Ion:228 Resp: 11047
Ion Ratio Lower Upper
228 100
226 29.4 23.8 35.8
229 22.3 15.5 23.3

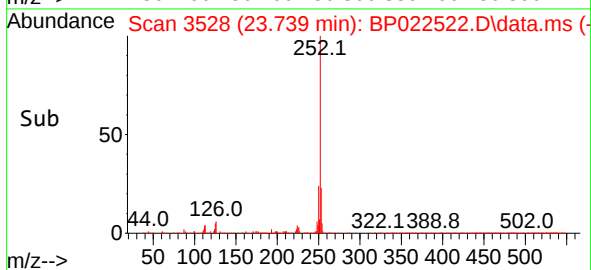
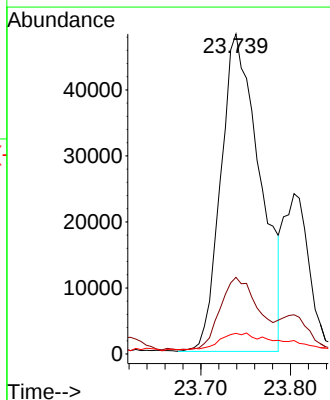
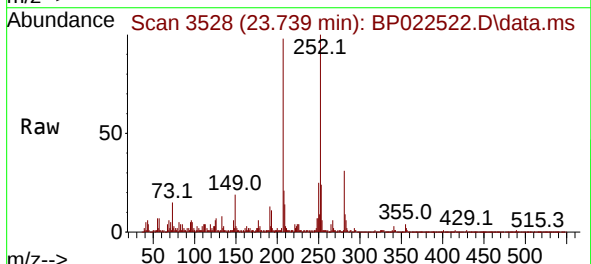
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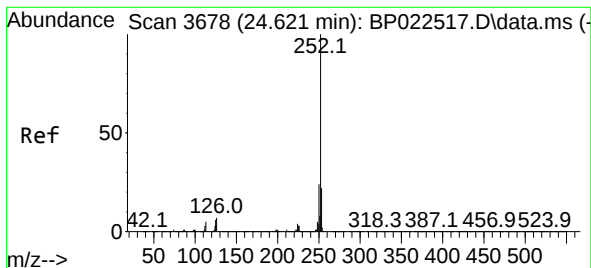
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#90
Benzo(b)fluoranthene
Concen: 2.644 ng/ul
RT: 23.739 min Scan# 3528
Delta R.T. 0.018 min
Lab File: BP022522.D
Acq: 22 Oct 2024 02:58

Tgt Ion:252 Resp: 146081
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 6.4 5.0 7.4





#93

Benzo(a)pyrene

Concen: 1.673 ng/ul

RT: 24.616 min Scan# 30

Delta R.T. 0.012 min

Lab File: BP022522.D

Acq: 22 Oct 2024 02:58

Instrument :

BNA_P

ClientSampleId :

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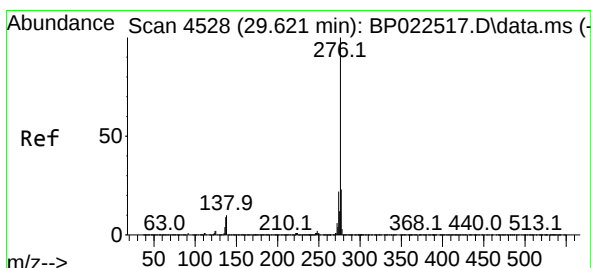
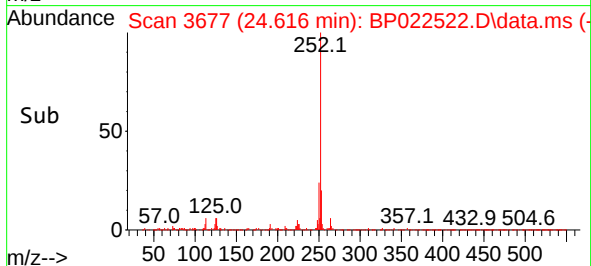
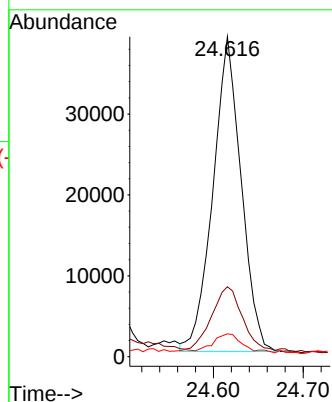
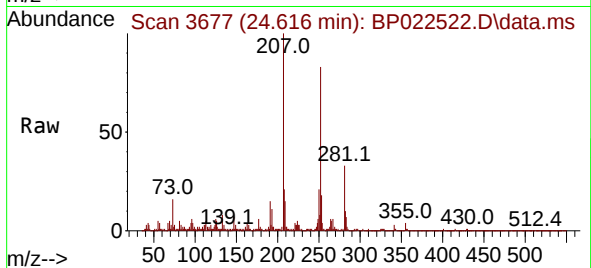
Tgt Ion:	252	Resp:	85062
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.7	26.5
125	7.2	4.9	7.3

Manual Integrations

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Supervised By :mohammad ahmed 10/25/2024



#96

Benzo(g,h,i)perylene

Concen: 1.217 ng/ul m

RT: 29.609 min Scan# 4526

Delta R.T. 0.036 min

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Tgt Ion:	276	Resp:	64237
Ion Ratio	Lower	Upper	
276	100		
138	9.9	8.5	12.7
277	22.1	19.0	28.4

