

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022521.D
 Acq On : 22 Oct 2024 02:17
 Operator : RC/JU
 Sample : P4414-22
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F83

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 04:01:45 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	97144	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	363331	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	275476	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	673772	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	682269	20.000	ng/u1	0.02
88) Perylene-d12	24.780	264	799999	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	9579	3.832	ng/uL	0.00
4) Pyridine-d5	3.611	84	142683	20.791	ng/u1	0.00
7) Phenol-d5	6.857	99	204393	24.995	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	115322	23.995	ng/u1	0.00
11) 2-Chlorophenol-d4	7.210	132	151229	26.063	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	168203	25.775	ng/u1	0.00
21) Nitrobenzene-d5	8.804	128	73382	26.267	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	89236	27.590	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	183704	26.724	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	193187	23.784	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	590169	26.964	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	619508	26.649	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	72930	19.862	ng/u1	0.00
60) Fluorene-d10	15.286	176	505716	26.639	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	67701	15.278	ng/u1	0.02
73) Anthracene-d10	17.180	188	869476	27.432	ng/u1	0.01
81) Pyrene-d10	19.563	212	1057831	29.319	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.551	264	1135250	26.572	ng/u1	0.02
Target Compounds						
					Qvalue	
8) Phenol	6.887	94	10381	1.220	ng/u1#	94
72) Phenanthrene	17.133	178	109524	3.038	ng/u1	98
80) Fluoranthene	19.216	202	282255	6.805	ng/u1	99
82) Pyrene	19.592	202	233254	5.247	ng/u1	98
85) Benzo(a)anthracene	21.498	228	112510	2.352	ng/u1	98
87) Chrysene	21.551	228	118078	2.662	ng/u1	99
90) Benzo(b)fluoranthene	23.739	252	161295	3.203	ng/u1	97
91) Benzo(k)fluoranthene	23.798	252	62587m	1.269	ng/u1	
93) Benzo(a)pyrene	24.627	252	106322	2.294	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.474	276	84445m	1.365	ng/u1	
96) Benzo(g,h,i)perylene	29.615	276	80283	1.669	ng/u1	98

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

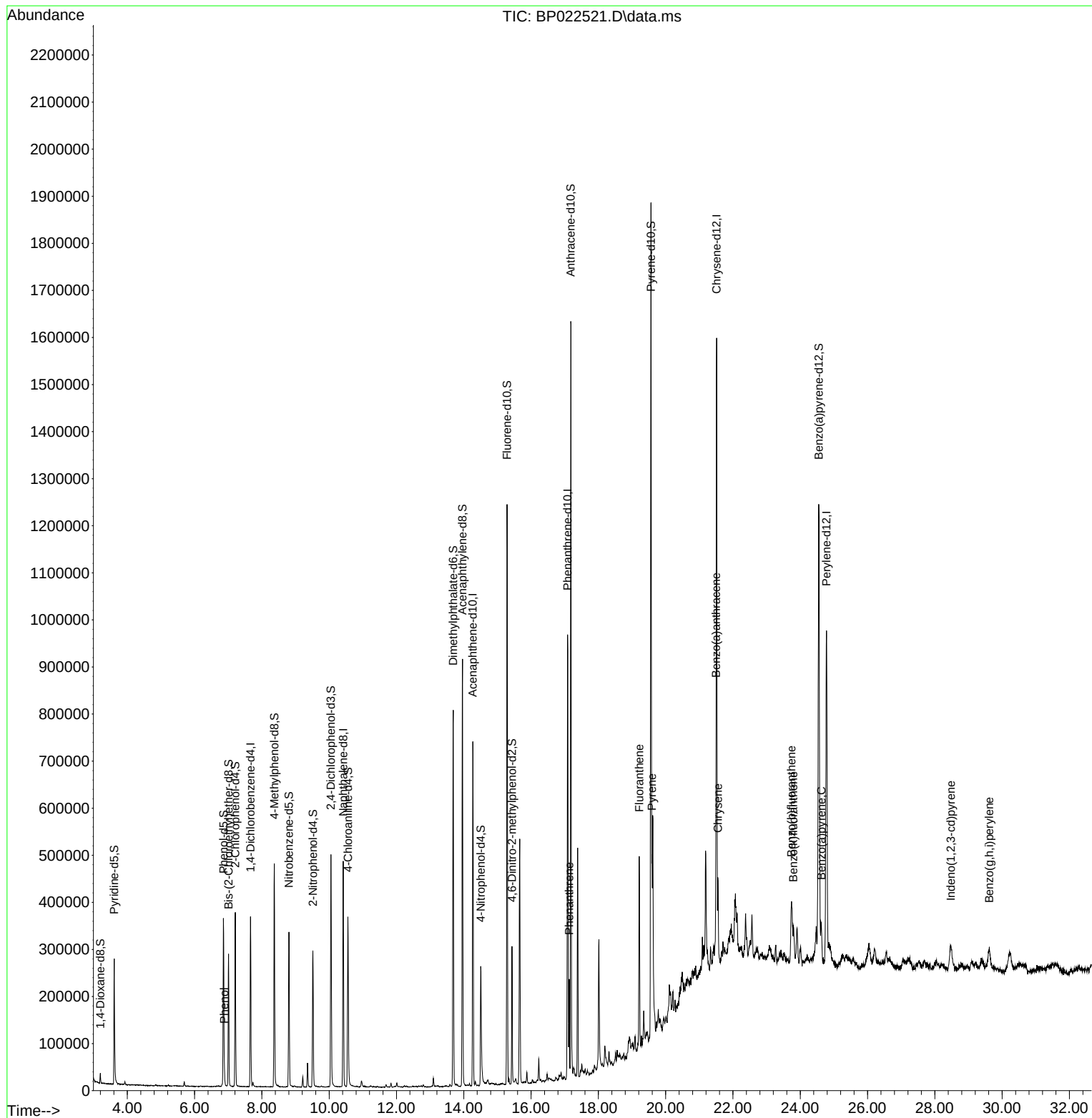
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022521.D
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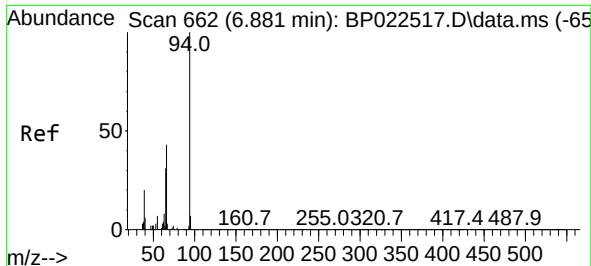
Instrument :
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A4F83

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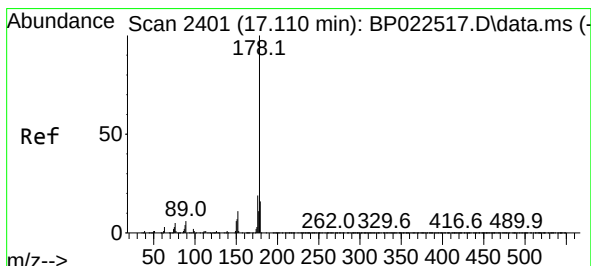
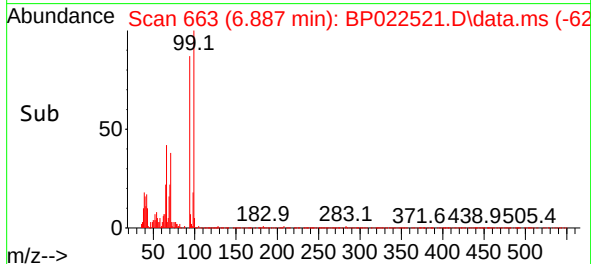
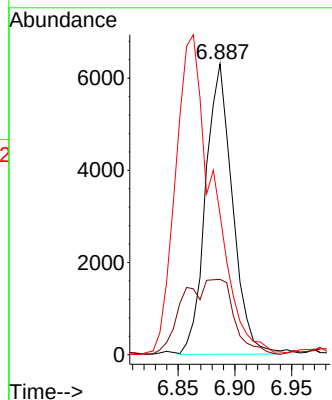
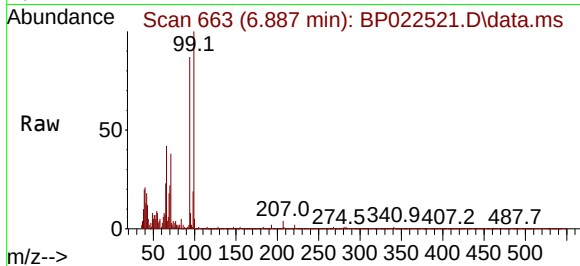
#8
Phenol
Concen: 1.220 ng/ul
RT: 6.887 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP022521.D
Acq: 22 Oct 2024 02:17

Instrument :
BNA_P
ClientSampleId :
A4F83

Tgt Ion: 94 Resp: 1038
Ion Ratio Lower Upper
94 100
65 25.9 25.9 38.9
66 48.2 37.6 56.4

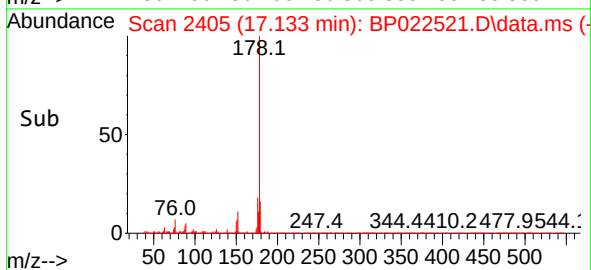
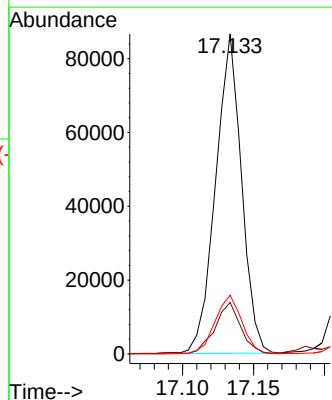
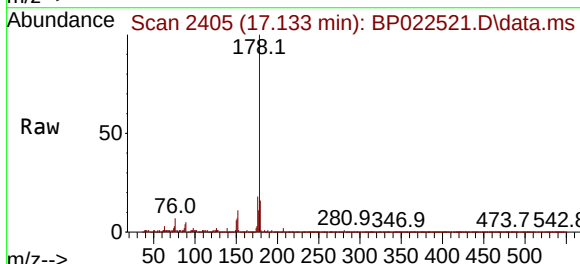
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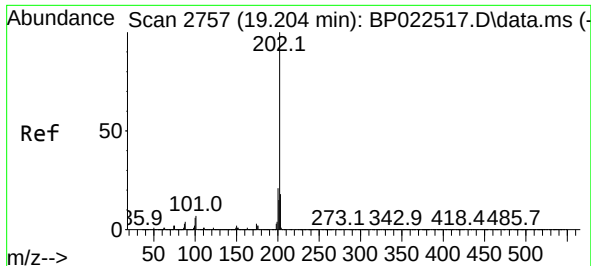
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#72
Phenanthrene
Concen: 3.038 ng/ul
RT: 17.133 min Scan# 2405
Delta R.T. 0.018 min
Lab File: BP022521.D
Acq: 22 Oct 2024 02:17

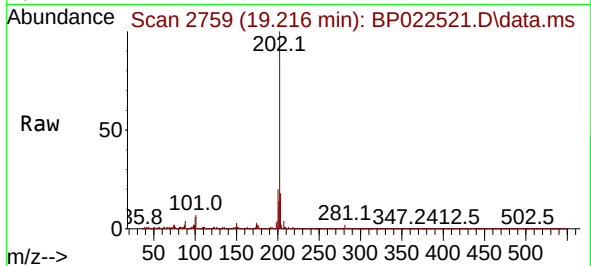
Tgt Ion:178 Resp: 109524
Ion Ratio Lower Upper
178 100
179 16.1 12.2 18.4
176 18.3 15.7 23.5





#80
Fluoranthene
Concen: 6.805 ng/u1
RT: 19.216 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP022521.D
Acq: 22 Oct 2024 02:17

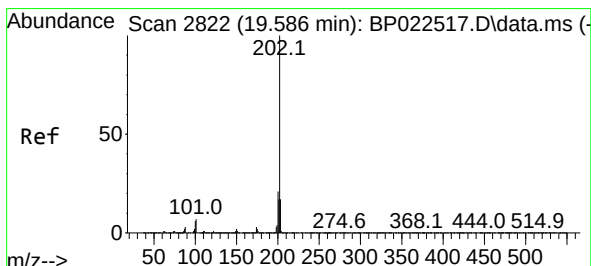
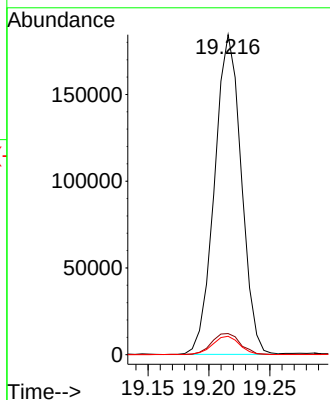
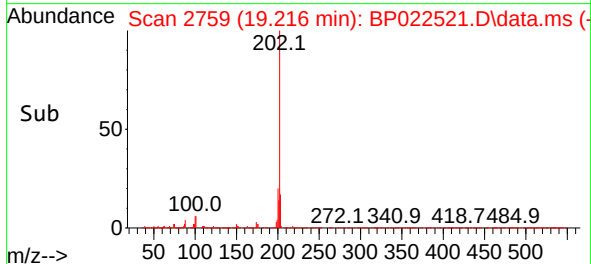
Instrument :
BNA_P
ClientSampleId :
A4F83



Tgt Ion:202 Resp: 28225
Ion Ratio Lower Upper
202 100
101 6.6 5.8 8.8
100 5.8 4.5 6.7

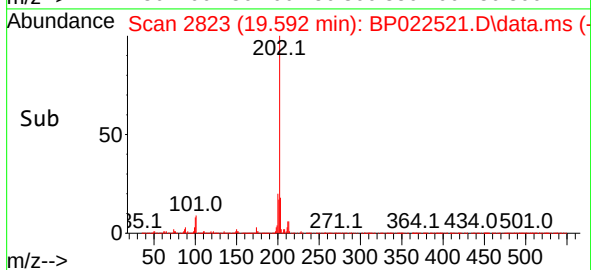
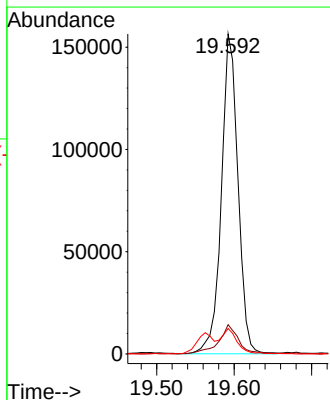
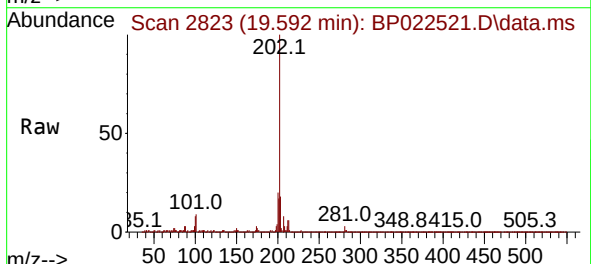
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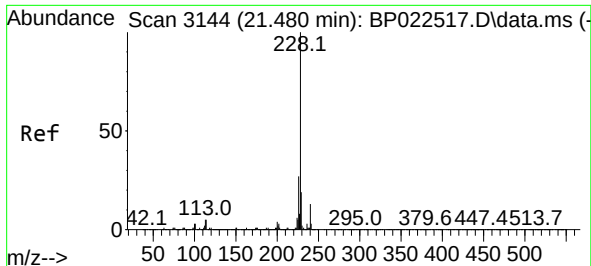
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#82
Pyrene
Concen: 5.247 ng/u1
RT: 19.592 min Scan# 2823
Delta R.T. 0.006 min
Lab File: BP022521.D
Acq: 22 Oct 2024 02:17

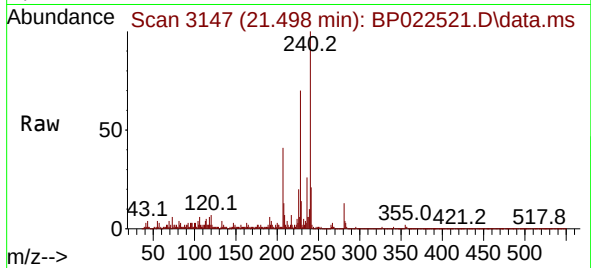
Tgt Ion:202 Resp: 233254
Ion Ratio Lower Upper
202 100
101 9.2 6.7 10.1
100 7.9 5.8 8.6





#85
Benzo(a)anthracene
Concen: 2.352 ng/ul
RT: 21.498 min Scan# 3147
Delta R.T. 0.018 min
Lab File: BP022521.D
Acq: 22 Oct 2024 02:17

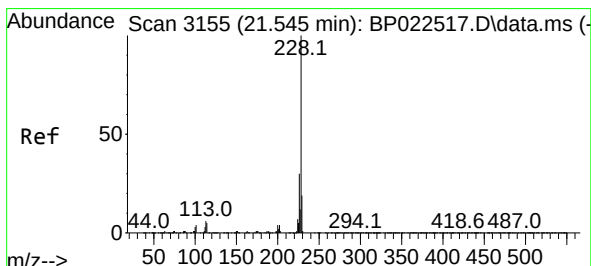
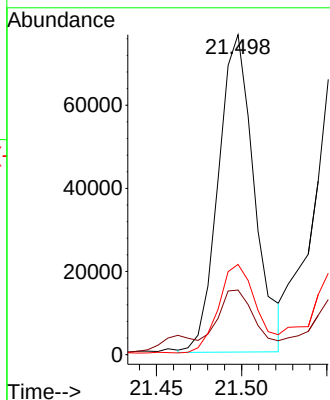
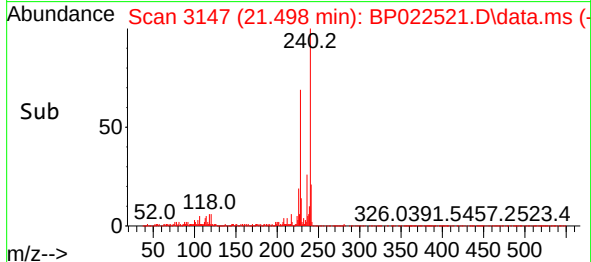
Instrument :
BNA_P
ClientSampleId :
A4F83



Tgt Ion:228 Resp: 112510
Ion Ratio Lower Upper
228 100
229 20.2 15.4 23.0
226 28.2 21.5 32.3

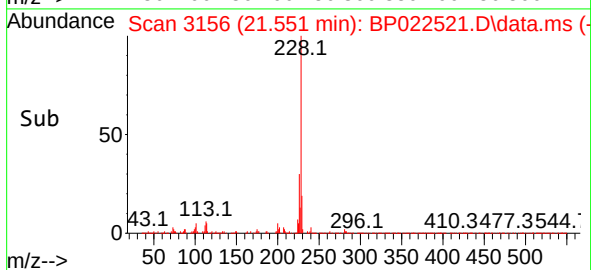
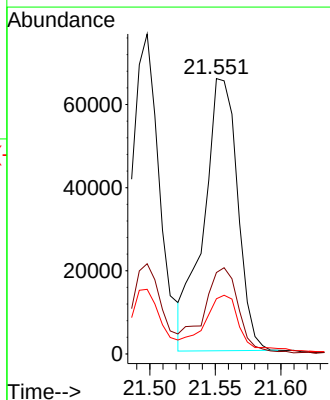
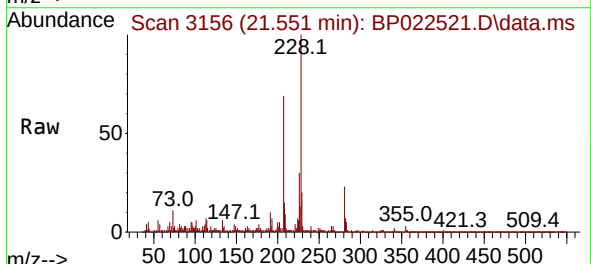
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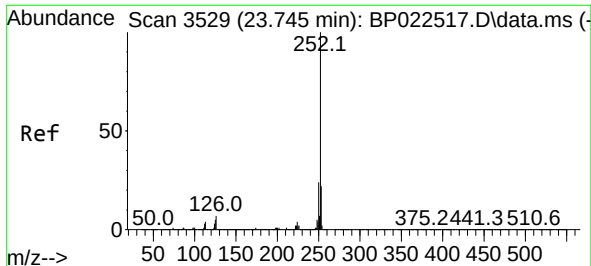
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#87
Chrysene
Concen: 2.662 ng/ul
RT: 21.551 min Scan# 3156
Delta R.T. 0.006 min
Lab File: BP022521.D
Acq: 22 Oct 2024 02:17

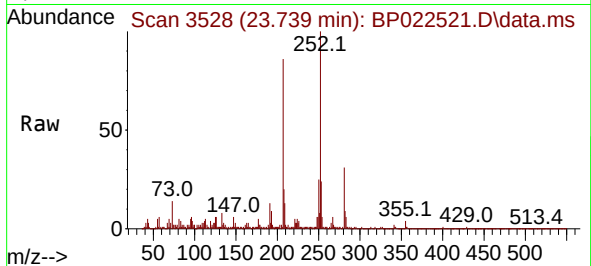
Tgt Ion:228 Resp: 118078
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.8
229 20.0 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 3.203 ng/ul
RT: 23.739 min Scan# 3529
Delta R.T. 0.018 min
Lab File: BP022521.D
Acq: 22 Oct 2024 02:17

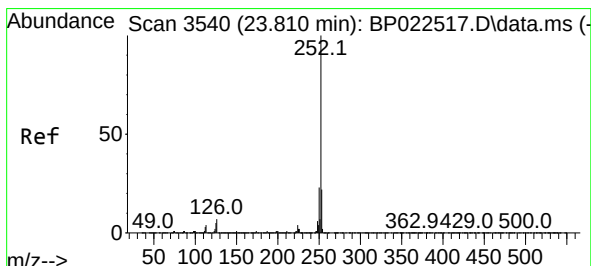
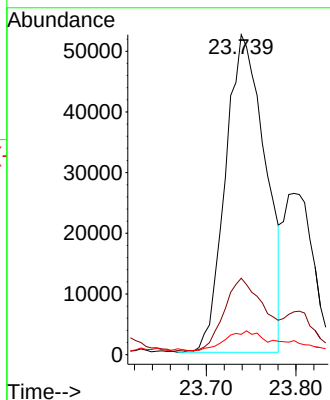
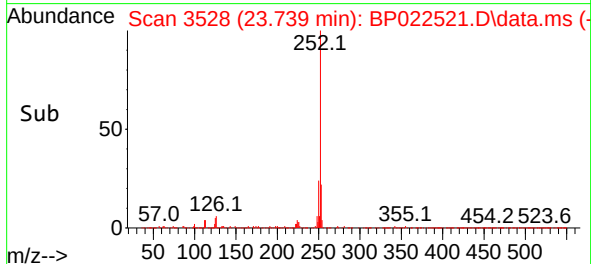
Instrument :
BNA_P
ClientSampleId :
A4F83



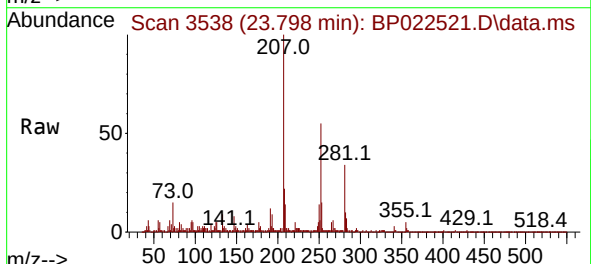
Tgt Ion:252 Resp: 161295
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 6.4 5.0 7.4

Manual Integrations
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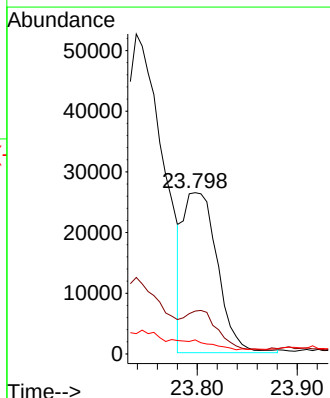
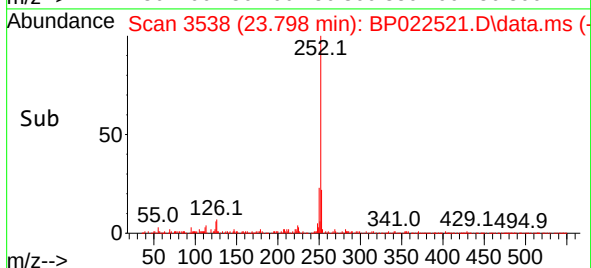
Reviewed By :Yogesh Patel 10/23/2024
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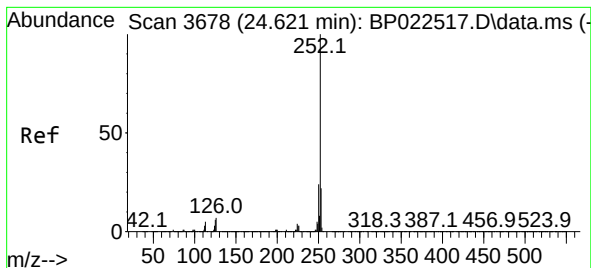


#91
Benzo(k)fluoranthene
Concen: 1.269 ng/ul m
RT: 23.798 min Scan# 3538
Delta R.T. 0.006 min
Lab File: BP022521.D
Acq: 22 Oct 2024 02:17



Tgt Ion:252 Resp: 62587
Ion Ratio Lower Upper
252 100
253 26.6 17.4 26.0#
125 8.7 4.6 6.8#





#93

Benzo(a)pyrene

Concen: 2.294 ng/ul

RT: 24.627 min Scan# 30

Delta R.T. 0.024 min

Lab File: BP022521.D

Acq: 22 Oct 2024 02:17

Instrument :

BNA_P

ClientSampleId :

A4F83

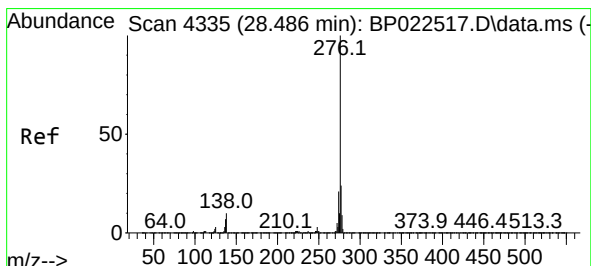
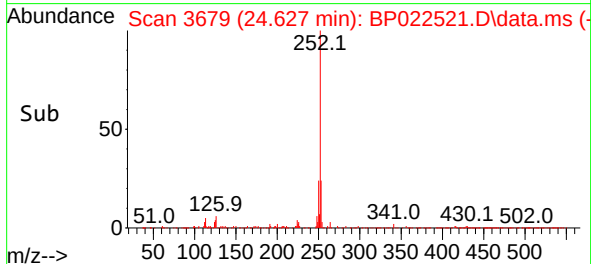
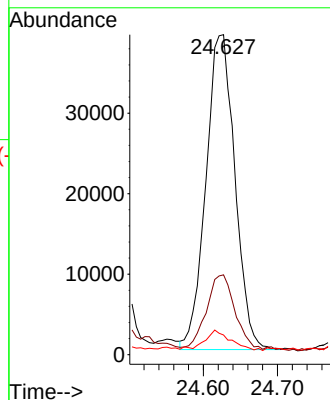
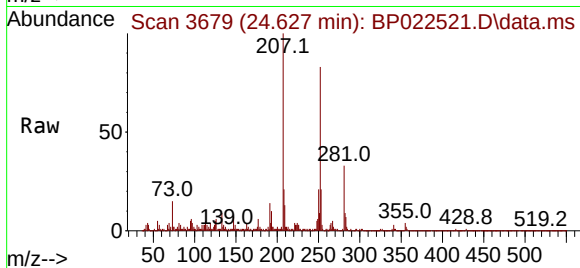
Tgt Ion:	252	Resp:	10632
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.7	26.5
125	6.2	4.9	7.3

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.365 ng/ul m

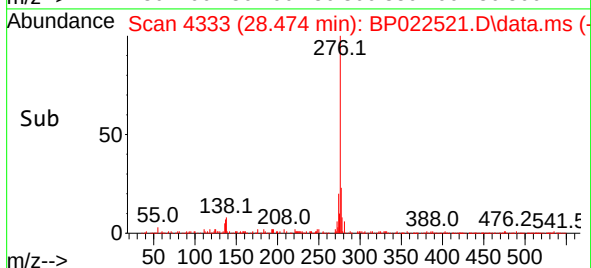
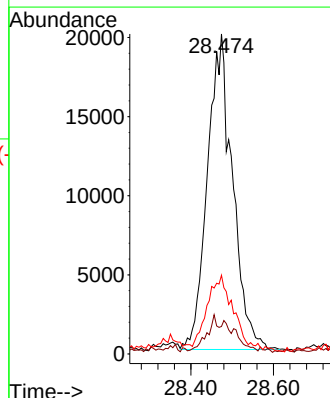
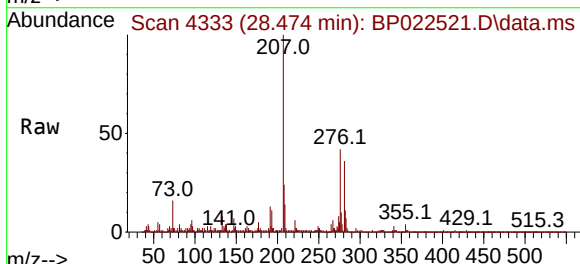
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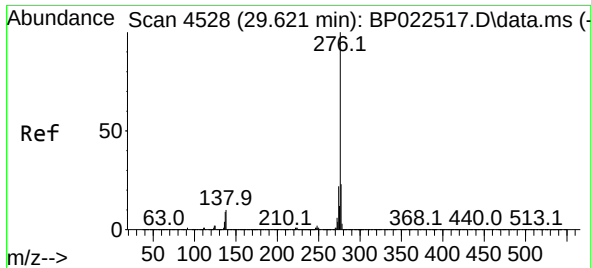
Delta R.T. 0.041 min

Lab File: BP022521.D

Acq: 22 Oct 2024 02:17

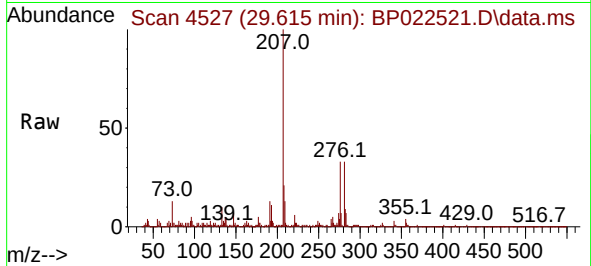
Tgt Ion:	276	Resp:	84445
Ion Ratio	Lower	Upper	
276	100		
138	8.6	9.1	13.7#
277	24.6	18.6	27.8





#96
 Benzo(g,h,i)perylene
 Concen: 1.669 ng/ul
 RT: 29.615 min Scan# 4527
 Delta R.T. 0.041 min
 Lab File: BP022521.D
 Acq: 22 Oct 2024 02:17

Instrument :
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Tgt Ion:276 Resp: 8028
 Ion Ratio Lower Upper
 276 100
 138 10.9 8.5 12.7
 277 22.3 19.0 28.4

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