

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013018.D
 Acq On : 09 Dec 2022 15:06
 Operator : CG/JU
 Sample : N5896-20
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXN8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
 Supervised By :mohammad ahmed 12/10/2022

Quant Time: Dec 09 21:54:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	676918	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	2939354	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	1902912	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	4153004	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	3598458	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	3338815	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	62182	3.928	ng/uL	0.00
4) Pyridine-d5	3.781	84	666136	14.812	ng/u1	0.00
7) Phenol-d5	7.128	99	1357711	24.624	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	803450	24.156	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	1097604	25.288	ng/u1	-0.01
15) 4-Methylphenol-d8	8.681	113	1114224	24.663	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	536304	24.833	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	626736	25.778	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.404	165	1174479	24.870	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	1356551	20.347	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	3579704	24.477	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	4057680	25.250	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	485163	18.442	ng/u1	0.00
60) Fluorene-d10	15.604	176	3122441	25.237	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	512569	19.179	ng/u1	0.00
73) Anthracene-d10	17.475	188	4851115	25.892	ng/u1	0.00
81) Pyrene-d10	19.704	212	5545138	26.846	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	4263013	25.616	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.840	128	1088944	7.084	ng/u1	99
36) 2-Methylnaphthalene	12.440	142	580413	5.504	ng/u1	100
50) Acenaphthylene	14.334	152	762444	4.413	ng/u1	100
52) Acenaphthene	14.675	153	648898	5.420	ng/u1	99
61) Fluorene	15.663	166	2493749	18.267	ng/u1	99
71) Pentachlorophenol	17.016	266	138792	4.280	ng/u1	98
72) Phenanthrene	17.416	178	9004807	41.628	ng/u1	99
74) Anthracene	17.504	178	21429778m	99.217	ng/u1	
80) Fluoranthene	19.375	202	12286091	52.408	ng/u1	98
82) Pyrene	19.733	202	10683168	44.177	ng/u1	99
85) Benzo(a)anthracene	21.445	228	4757038	19.914	ng/u1	94
87) Chrysene	21.498	228	9653136m	42.731	ng/u1	
90) Benzo(b)fluoranthene	23.198	252	15595151	73.248	ng/u1	97
91) Benzo(k)fluoranthene	23.239	252	4598248m	21.780	ng/u1	
93) Benzo(a)pyrene	23.845	252	6481954	34.965	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.557	276	3768198	16.318	ng/u1	97
95) Dibenzo(a,h)anthracene	26.562	278	999622	5.228	ng/u1#	86
96) Benzo(g,h,i)perylene	27.362	276	2531401	13.655	ng/u1	99

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

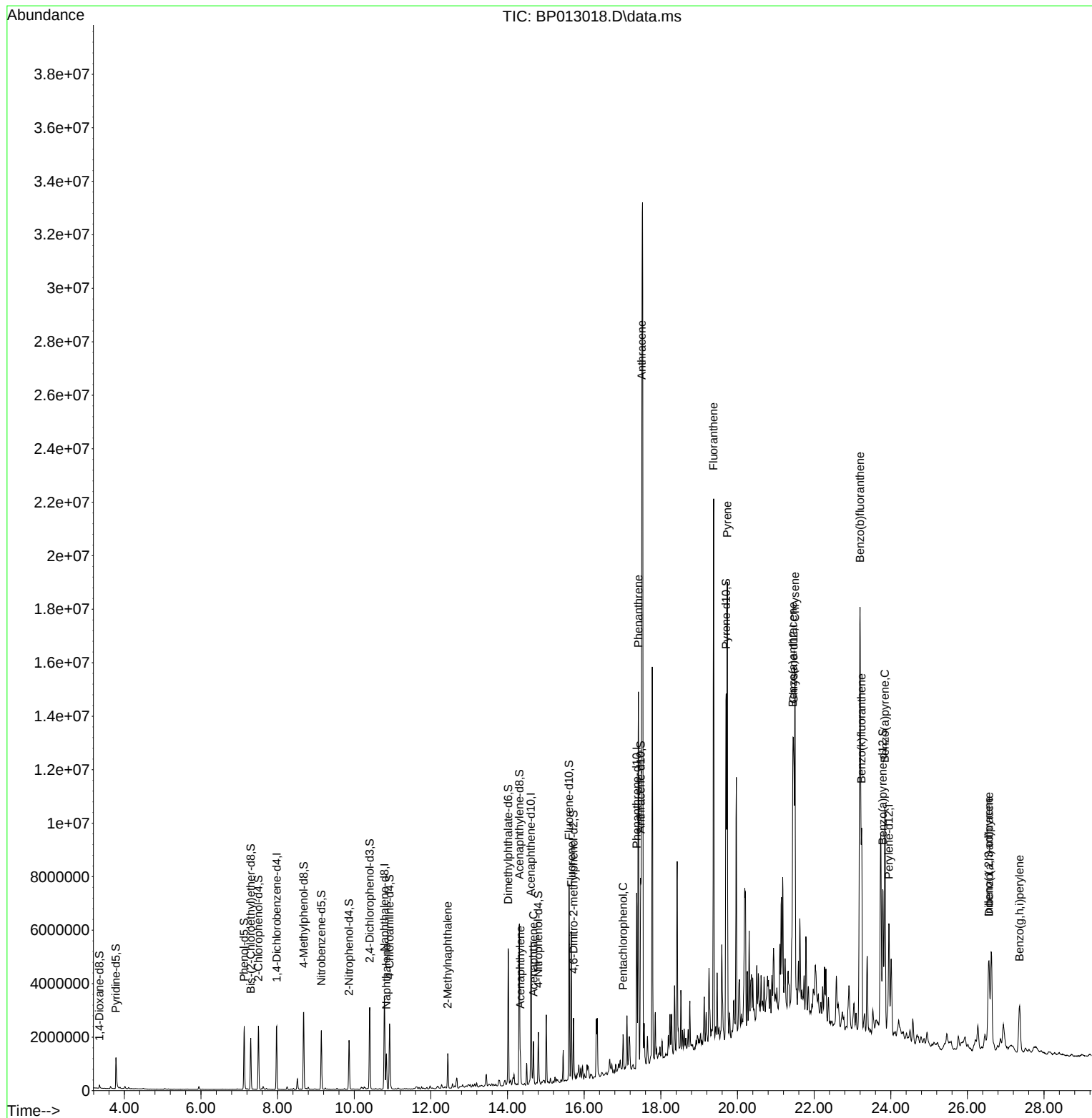
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
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 Misc :
 ALS Vial : 45 Sample Multiplier: 1

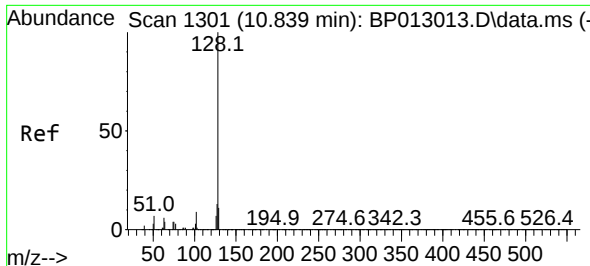
Instrument :
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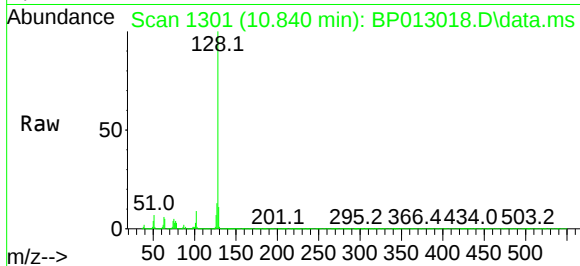
Quant Time: Dec 09 21:54:11 2022
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 Quant Title : SVOA CALIBRATION
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#30
Naphthalene
Concen: 7.084 ng/ul
RT: 10.840 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

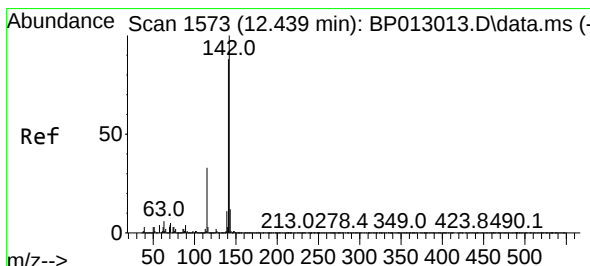
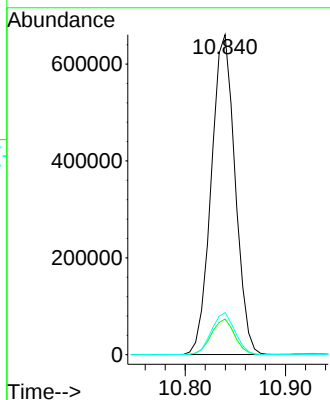
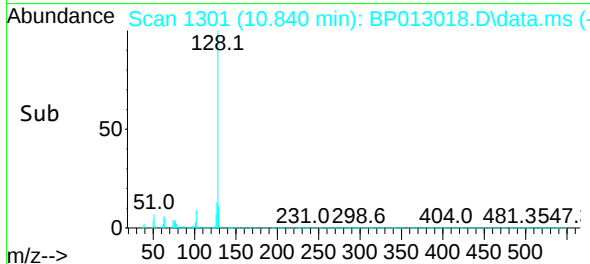
Instrument :
BNA_P
ClientSampleId :
DBXN8



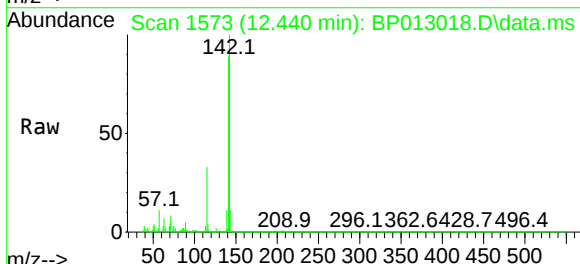
Tgt Ion:128 Resp: 1088944
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.2 10.4 15.6

Manual Integrations
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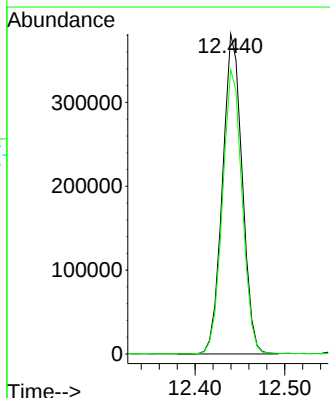
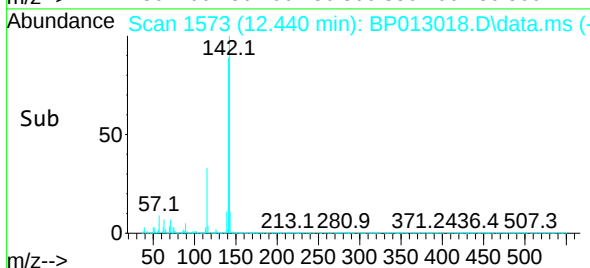
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Supervised By :mohammad ahmed 12/10/2022

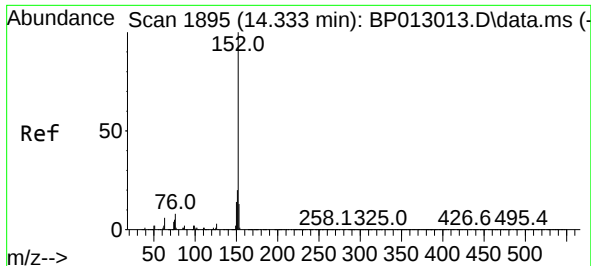


#36
2-Methylnaphthalene
Concen: 5.504 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06



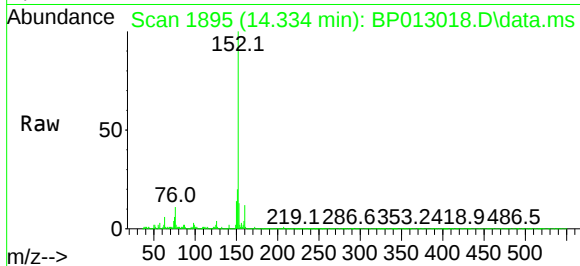
Tgt Ion:142 Resp: 580413
Ion Ratio Lower Upper
142 100
141 88.8 70.8 106.2





#50
Acenaphthylene
Concen: 4.413 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

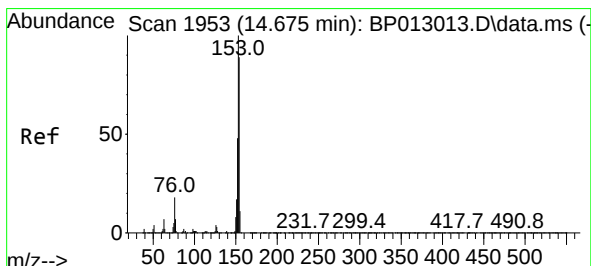
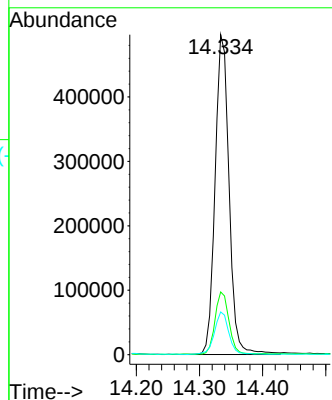
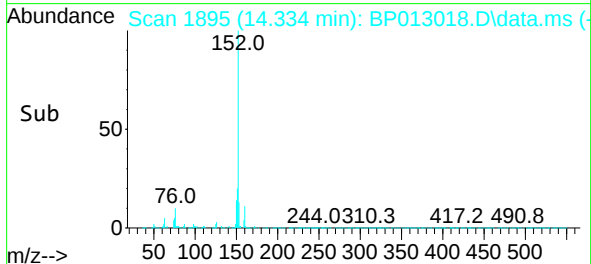
Instrument :
BNA_P
ClientSampleId :
DBXN8



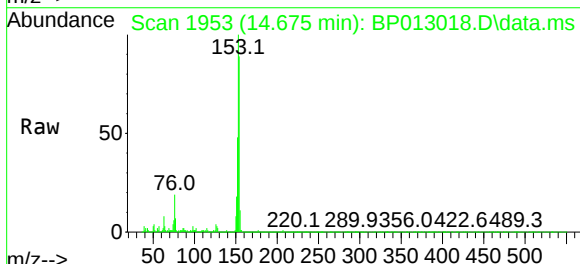
Tgt Ion:152 Resp: 762444
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.3 10.6 16.0

Manual Integrations
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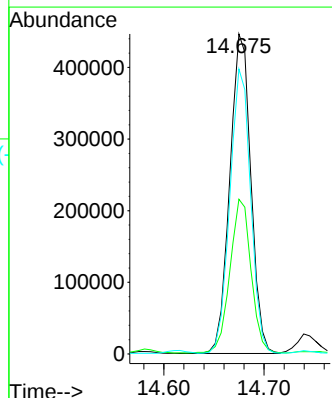
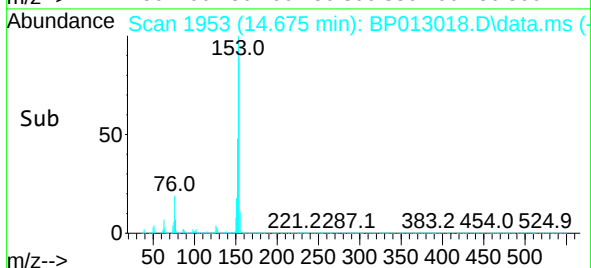
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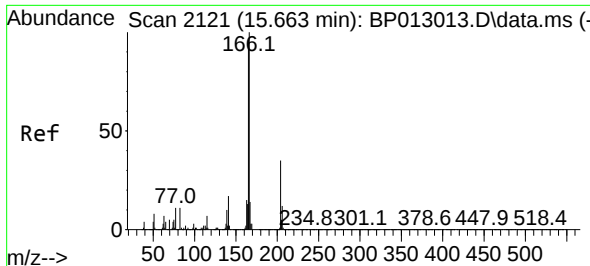


#52
Acenaphthene
Concen: 5.420 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06



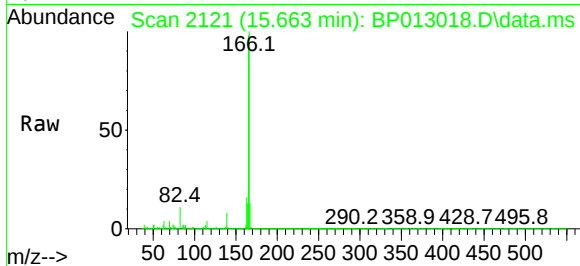
Tgt Ion:153 Resp: 648898
Ion Ratio Lower Upper
153 100
152 48.4 38.2 57.4
154 89.1 70.8 106.2





#61
Fluorene
Concen: 18.267 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

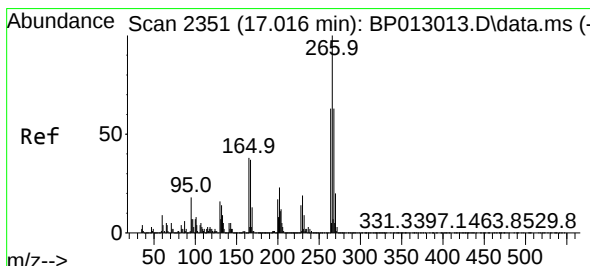
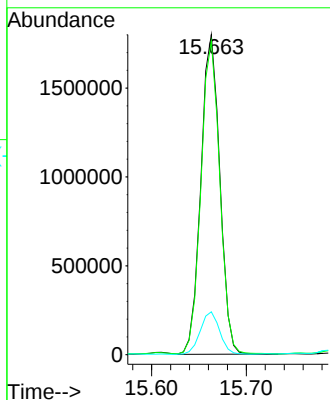
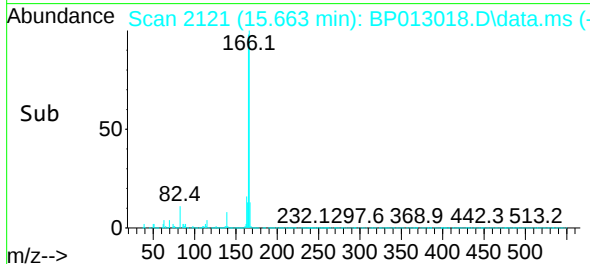
Instrument :
BNA_P
ClientSampleId :
DBXN8



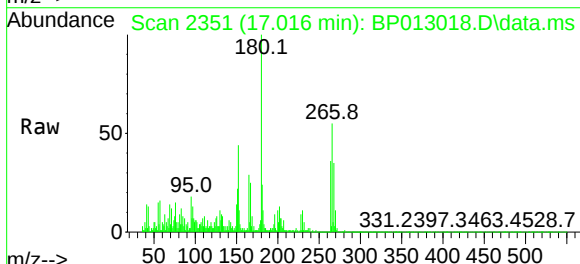
Tgt Ion:166 Resp: 2493749
Ion Ratio Lower Upper
166 100
165 98.1 77.4 116.2
167 13.4 10.6 16.0

Manual Integrations
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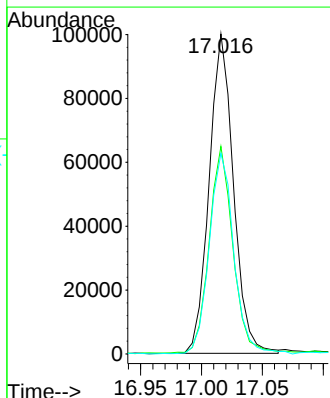
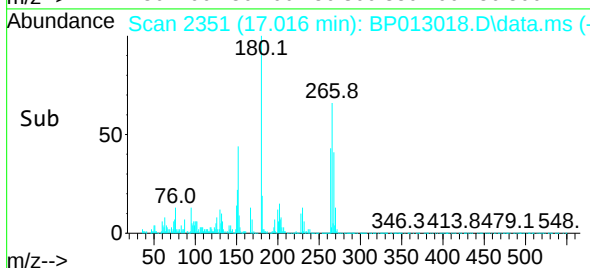
Reviewed By :Jagrut Upadhyay 12/10/2022
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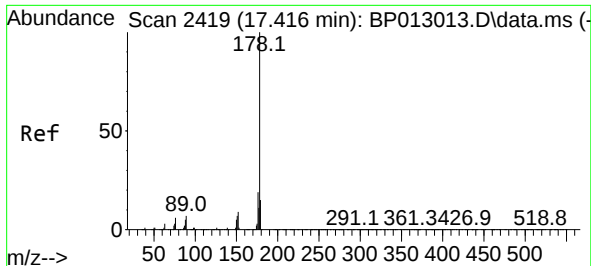


#71
Pentachlorophenol
Concen: 4.280 ng/ul
RT: 17.016 min Scan# 2351
Delta R.T. 0.000 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06



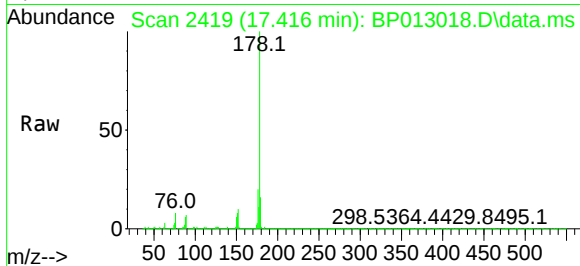
Tgt Ion:266 Resp: 138792
Ion Ratio Lower Upper
266 100
264 64.8 50.9 76.3
268 62.7 51.4 77.2





#72
Phenanthrene
Concen: 41.628 ng/ul
RT: 17.416 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

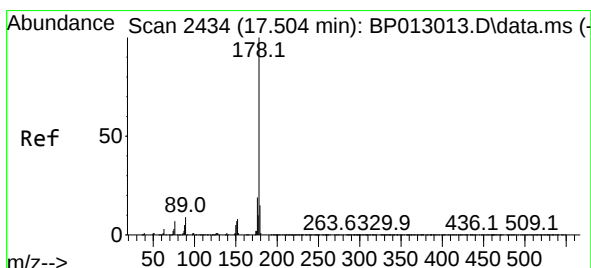
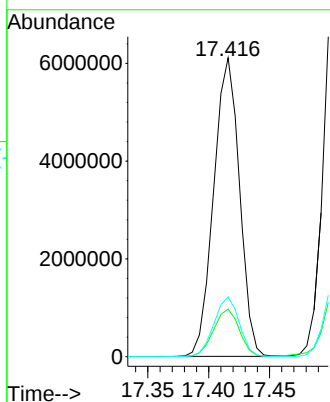
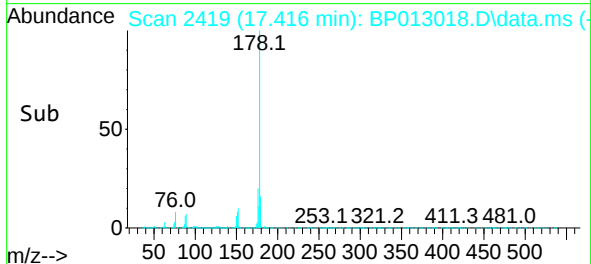
Instrument :
BNA_P
ClientSampleId :
DBXN8



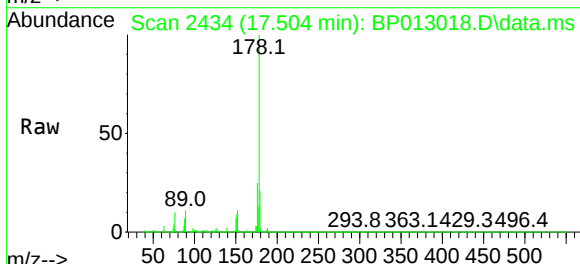
Tgt Ion:178 Resp: 900480
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 20.0 15.4 23.0

Manual Integrations
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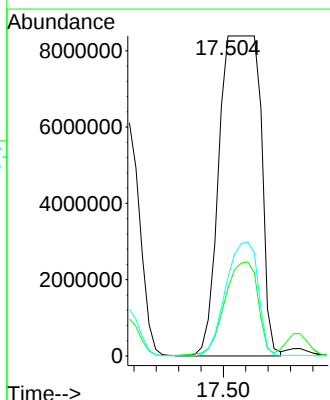
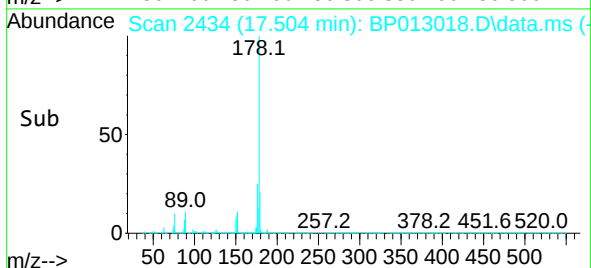
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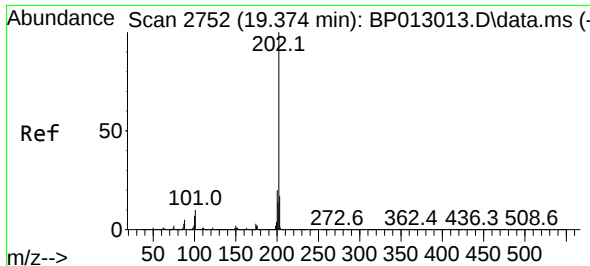


#74
Anthracene
Concen: 99.217 ng/ul m
RT: 17.504 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06



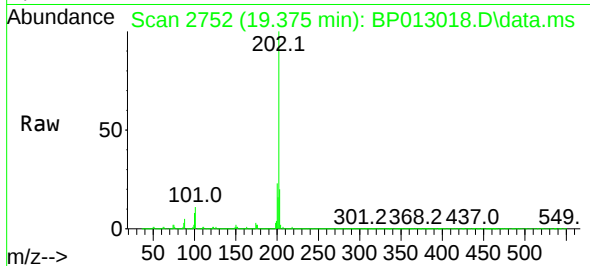
Tgt Ion:178 Resp:21429778
Ion Ratio Lower Upper
178 100
179 21.1 12.5 18.7#
176 24.6 14.8 22.2#





#80
Fluoranthene
Concen: 52.408 ng/u1
RT: 19.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

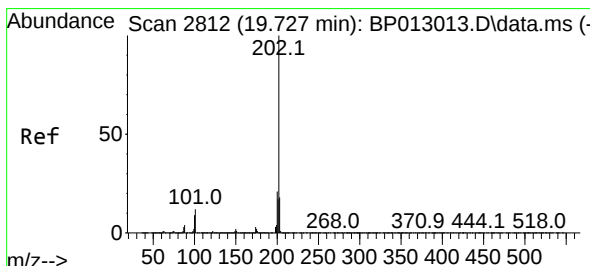
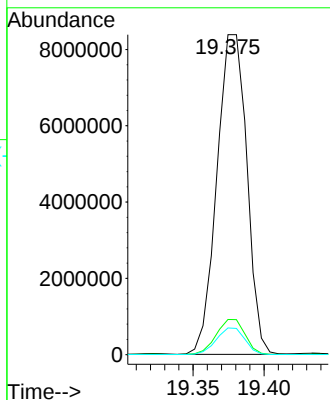
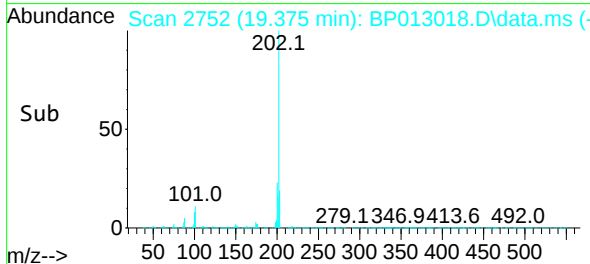
Instrument :
BNA_P
ClientSampleId :
DBXN8



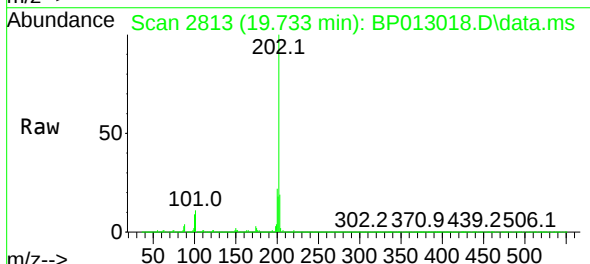
Tgt Ion:202 Resp:1228609
Ion Ratio Lower Upper
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101 11.0 8.2 12.2
100 8.4 6.1 9.1

Manual Integrations
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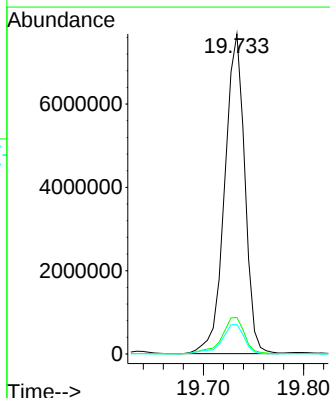
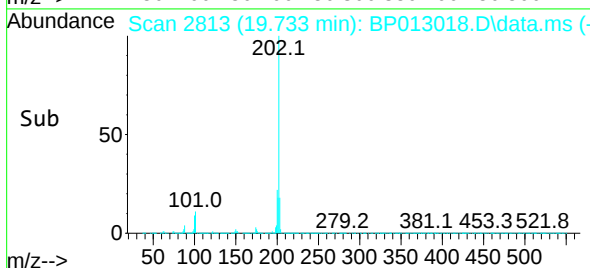
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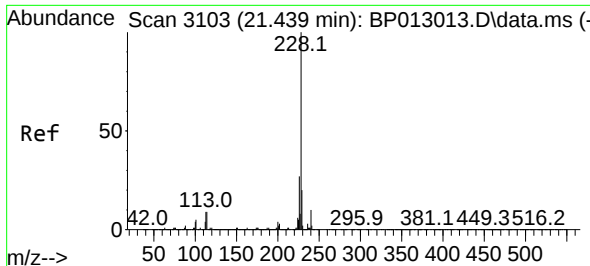


#82
Pyrene
Concen: 44.177 ng/u1
RT: 19.733 min Scan# 2813
Delta R.T. 0.006 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06



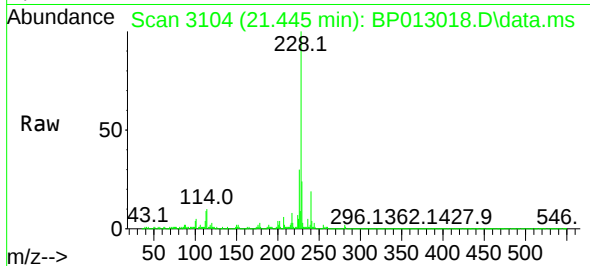
Tgt Ion:202 Resp:10683168
Ion Ratio Lower Upper
202 100
101 11.4 9.4 14.2
100 9.2 7.8 11.8





#85
Benzo(a)anthracene
Concen: 19.914 ng/ul
RT: 21.445 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

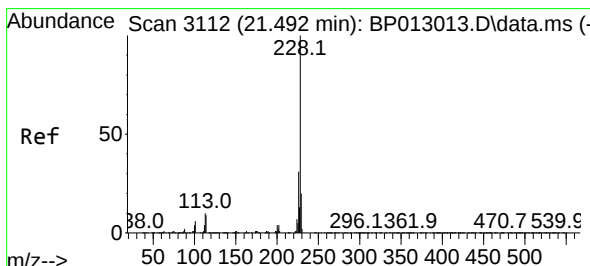
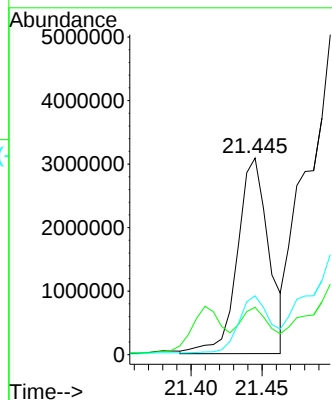
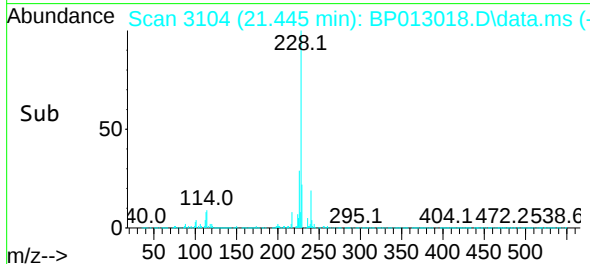
Instrument :
BNA_P
ClientSampleId :
DBXN8



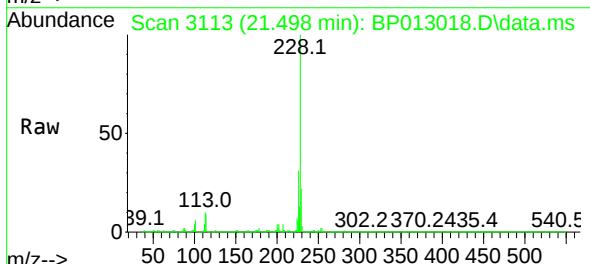
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Ion Ratio Lower Upper
228 100
229 24.1 16.1 24.1
226 30.0 22.0 33.0

Manual Integrations
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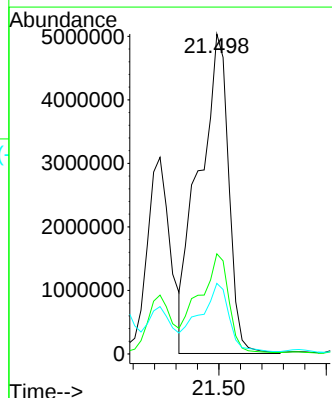
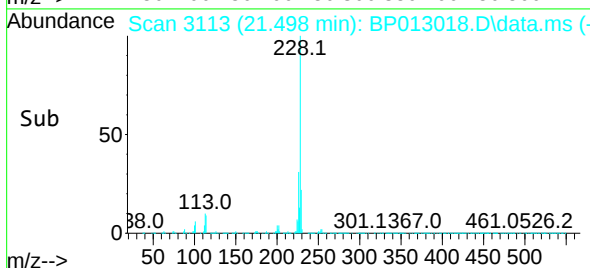
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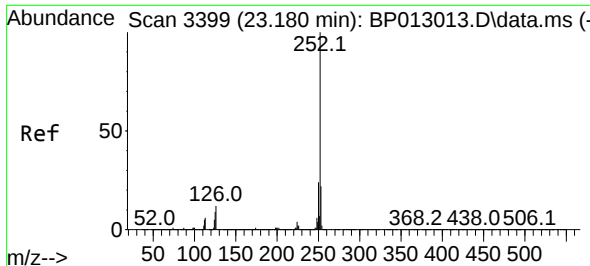


#87
Chrysene
Concen: 42.731 ng/ul m
RT: 21.498 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06



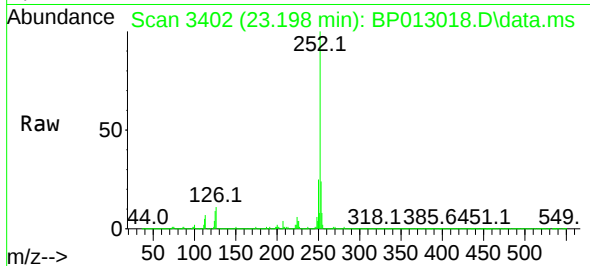
Tgt Ion:228 Resp: 9653136
Ion Ratio Lower Upper
228 100
226 31.3 24.5 36.7
229 22.0 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 73.248 ng/ul
RT: 23.198 min Scan# 3402
Delta R.T. 0.012 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

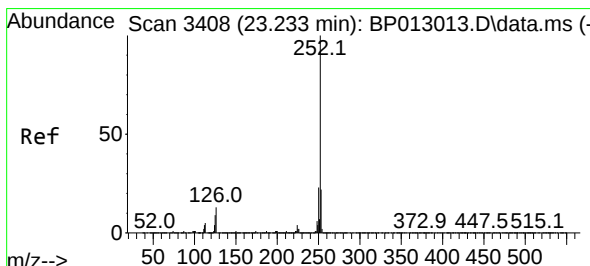
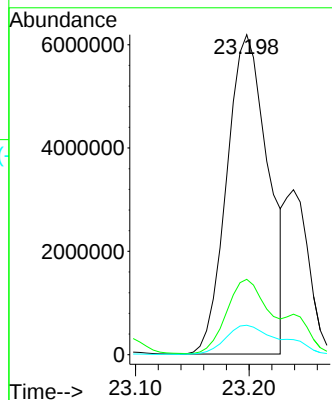
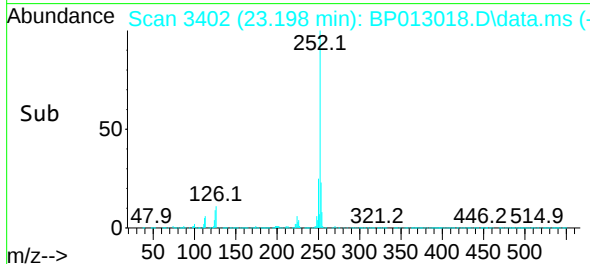
Instrument :
BNA_P
ClientSampleId :
DBXN8



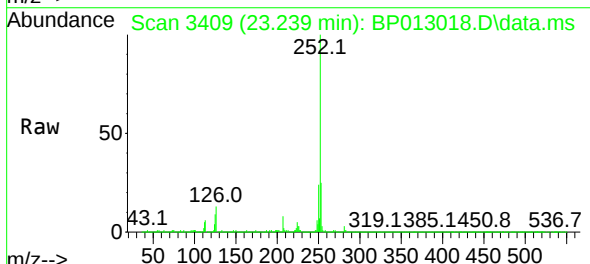
Tgt Ion:252 Resp:1559515
Ion Ratio Lower Upper
252 100
253 23.6 17.7 26.5
125 9.2 6.8 10.2

Manual Integrations
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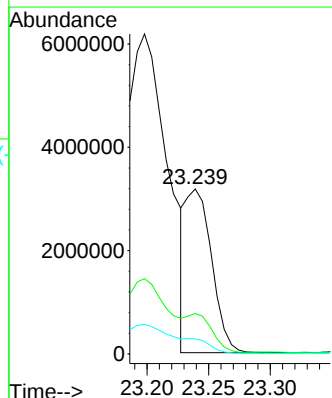
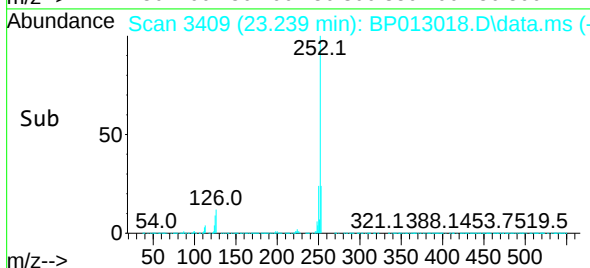
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

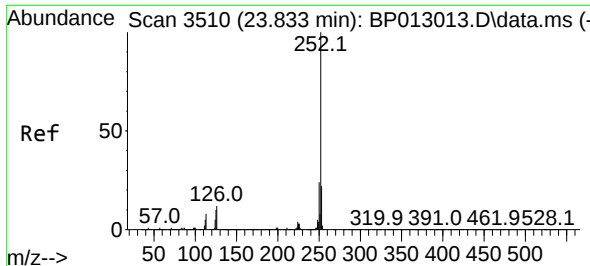


#91
Benzo(k)fluoranthene
Concen: 21.780 ng/ul m
RT: 23.239 min Scan# 3409
Delta R.T. 0.006 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06



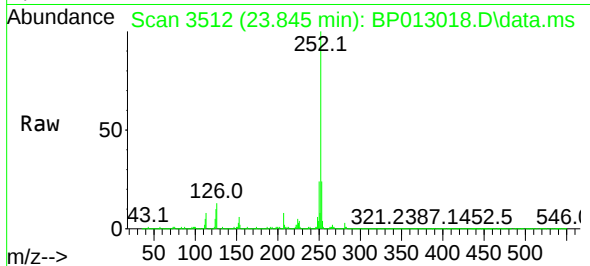
Tgt Ion:252 Resp: 4598248
Ion Ratio Lower Upper
252 100
253 24.5 17.7 26.5
125 9.1 6.8 10.2





#93
Benzo(a)pyrene
Concen: 34.965 ng/ul
RT: 23.845 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

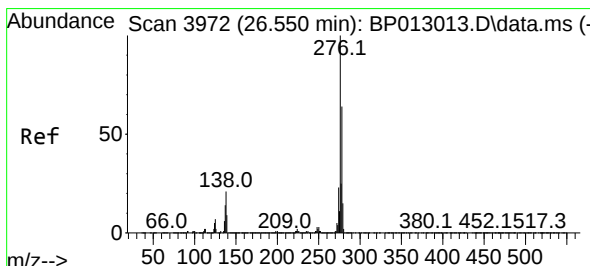
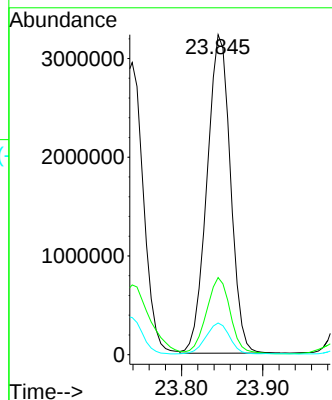
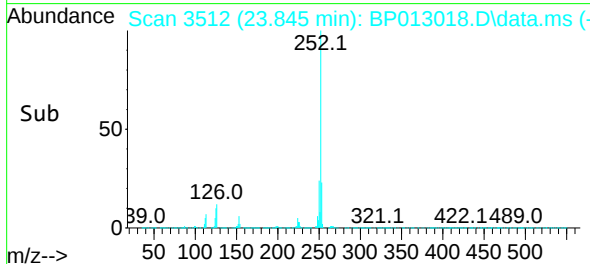
Instrument :
BNA_P
ClientSampleId :
DBXN8



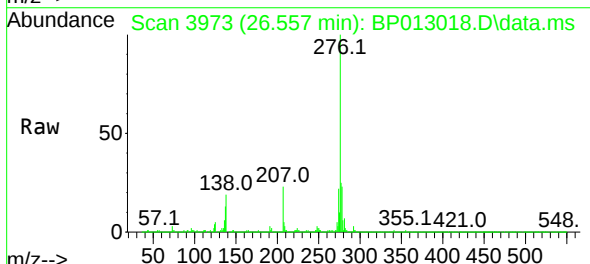
Tgt Ion:252 Resp: 6481954
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 9.9 7.5 11.3

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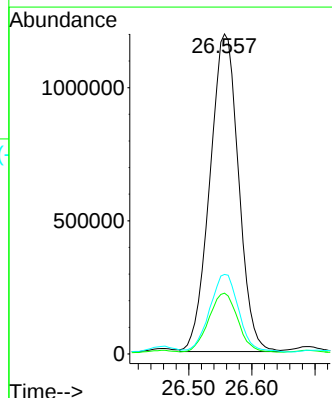
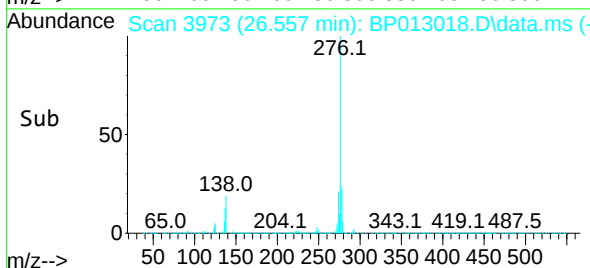
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

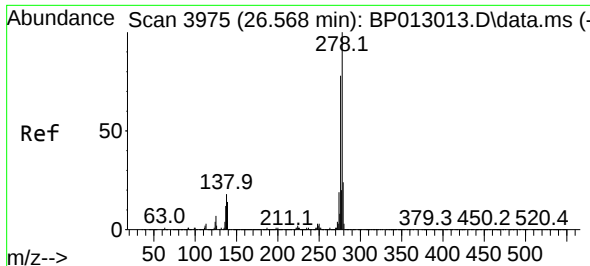


#94
Indeno(1,2,3-cd)pyrene
Concen: 16.318 ng/ul
RT: 26.557 min Scan# 3973
Delta R.T. 0.000 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06



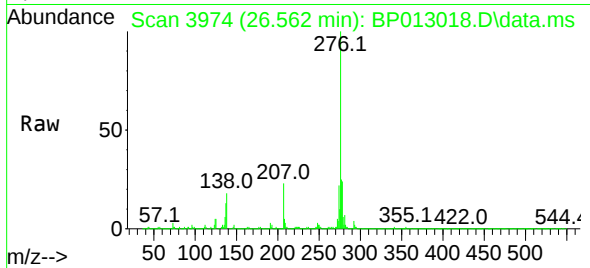
Tgt Ion:276 Resp: 3768198
Ion Ratio Lower Upper
276 100
138 19.0 17.1 25.7
277 24.9 20.0 30.0





#95
Dibenzo(a,h)anthracene
Concen: 5.228 ng/ul
RT: 26.562 min Scan# 3975
Delta R.T. -0.006 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

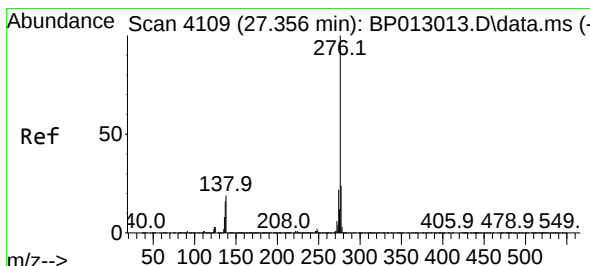
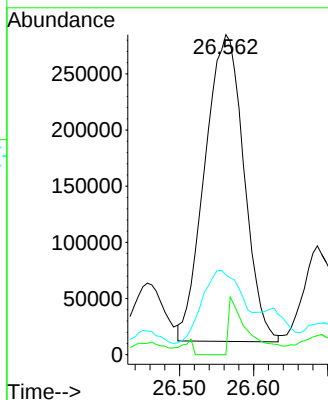
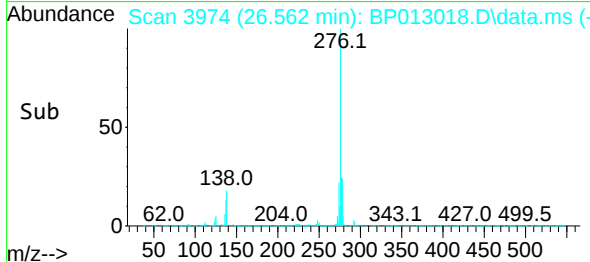
Instrument :
BNA_P
ClientSampleId :
DBXN8



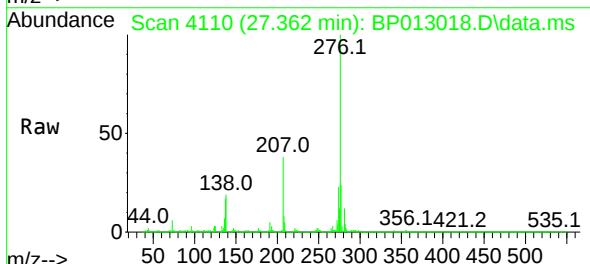
Tgt Ion:278 Resp: 99962
Ion Ratio Lower Upper
278 100
139 0.0 11.1 16.7
279 25.0 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#96
Benzo(g,h,i)perylene
Concen: 13.655 ng/ul
RT: 27.362 min Scan# 4110
Delta R.T. 0.012 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06



Tgt Ion:276 Resp: 2531401
Ion Ratio Lower Upper
276 100
138 18.6 15.4 23.2
277 24.4 19.1 28.7

