

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
 Data File : BP013257.D
 Acq On : 22 Dec 2022 22:26
 Operator : CG/JU
 Sample : N6015-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXY7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 22 23:00:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 22 22:43:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	611908	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	2438436	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.587	164	1370032	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.345	188	2458126	20.000	ng/u1	-0.01
79) Chrysene-d12	21.433	240	2327153	20.000	ng/u1	0.00
88) Perylene-d12	23.916	264	2817231	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	97895	6.840	ng/uL	0.00
4) Pyridine-d5	3.758	84	1341419	32.996	ng/u1	0.00
7) Phenol-d5	7.111	99	1988957	39.906	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	1204338	40.056	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	1601905	40.828	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	1559001	38.175	ng/u1	-0.01
21) Nitrobenzene-d5	9.116	128	784264	43.775	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	922630	45.743	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	1616229	41.255	ng/u1	0.00
31) 4-Chloroaniline-d4	10.899	131	1862952	33.683	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	4355992	41.370	ng/u1	0.00
49) Acenaphthylene-d8	14.281	160	5026459	43.444	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.787	143	556050	29.358	ng/u1	-0.01
60) Fluorene-d10	15.581	176	3559605	39.960	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.704	200	519269	32.827	ng/u1	0.00
73) Anthracene-d10	17.445	188	4855924	43.788	ng/u1	-0.01
81) Pyrene-d10	19.675	212	5433528	40.677	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.751	264	6114821	43.546	ng/u1	-0.01
Target Compounds					Qvalue	
30) Naphthalene	10.810	128	167278	1.312	ng/u1	99
50) Acenaphthylene	14.310	152	140886	1.133	ng/u1	98
72) Phenanthrene	17.386	178	659369	5.150	ng/u1	100
74) Anthracene	17.481	178	175675	1.374	ng/u1	98
80) Fluoranthene	19.351	202	1701445	11.223	ng/u1	99
82) Pyrene	19.704	202	1387564	8.872	ng/u1	99
85) Benzo(a)anthracene	21.416	228	1014675	6.568	ng/u1	98
87) Chrysene	21.469	228	997346	6.827	ng/u1	98
90) Benzo(b)fluoranthene	23.151	252	1634759	9.100	ng/u1	97
91) Benzo(k)fluoranthene	23.198	252	530124m	2.976	ng/u1	
93) Benzo(a)pyrene	23.804	252	1086910	6.948	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.498	276	874523	4.488	ng/u1	96
95) Dibenzo(a,h)anthracene	26.509	278	227191	1.408	ng/u1#	81
96) Benzo(g,h,i)perylene	27.304	276	889864	5.689	ng/u1	99

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

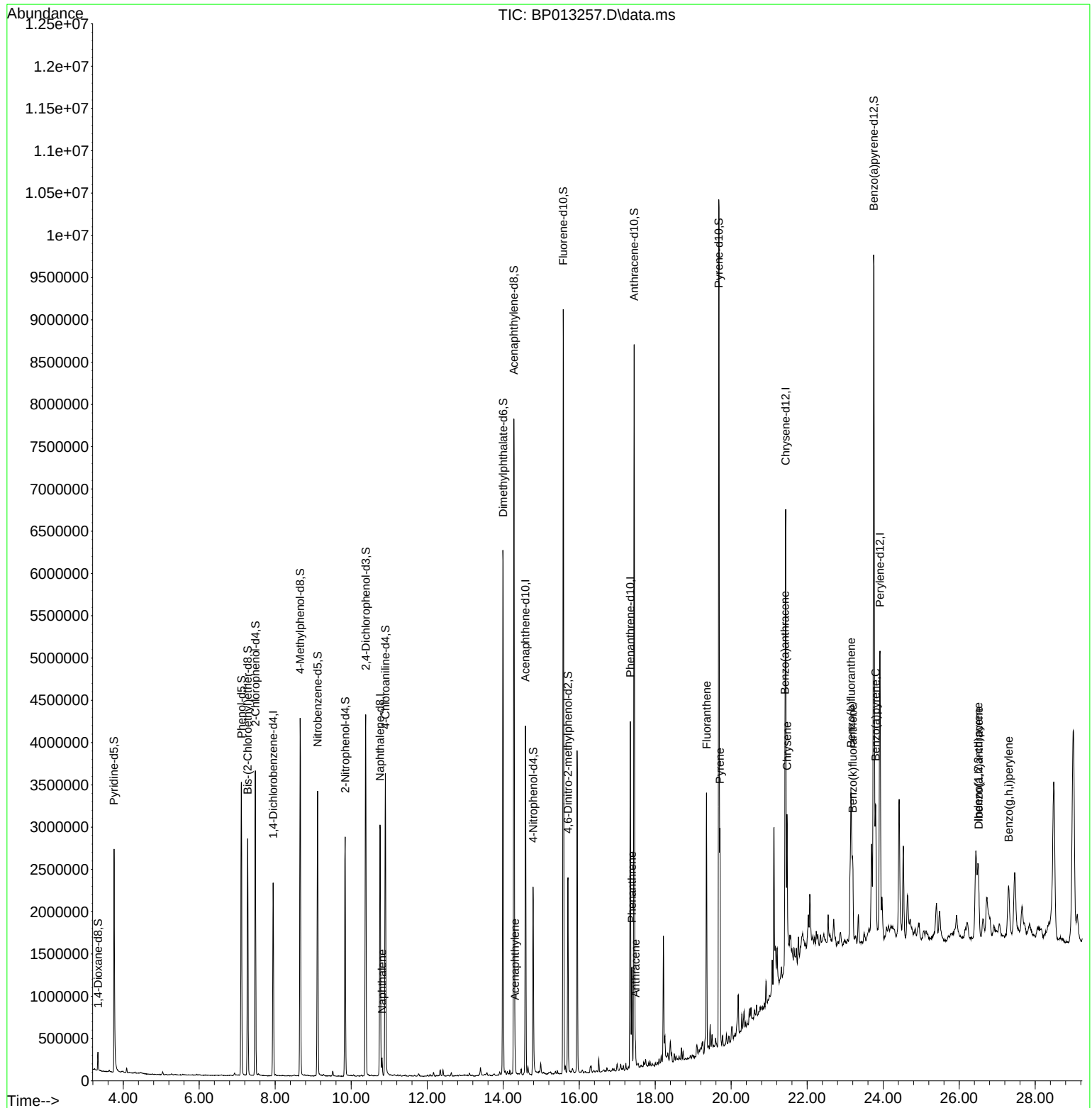
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
Data File : BP013257.D
Acq On : 22 Dec 2022 22:26
Operator : CG/JU
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ALS Vial : 24 Sample Multiplier: 1

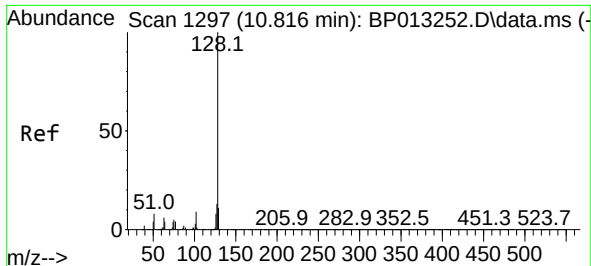
Instrument :
BNA_P
ClientSampleId :
DBXY7

Quant Time: Dec 22 23:00:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 22 22:43:06 2022
Response via : Initial Calibration

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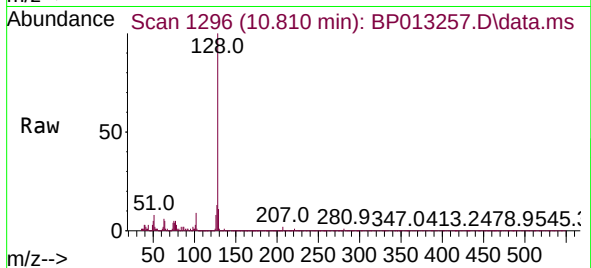
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022





#30
Naphthalene
Concen: 1.312 ng/ul
RT: 10.810 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP013257.D
Acq: 22 Dec 2022 22:26

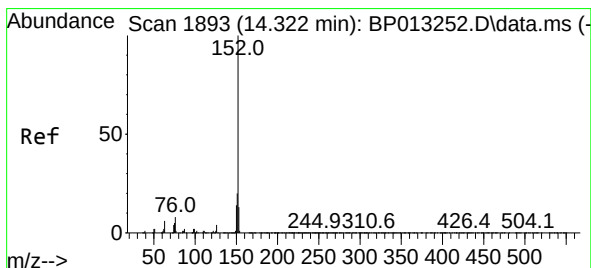
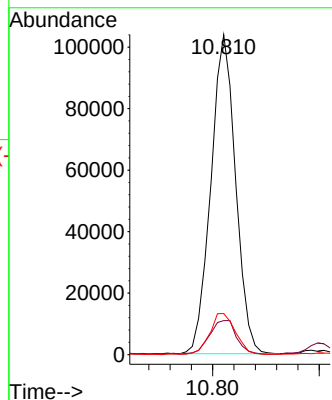
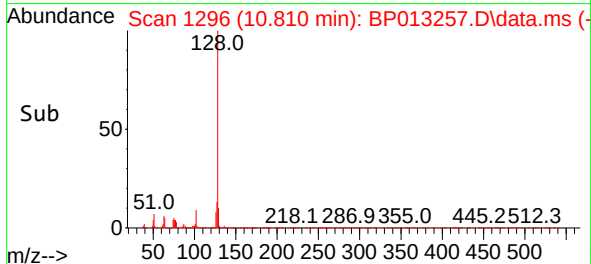
Instrument :
BNA_P
ClientSampleId :
DBXY7



Tgt Ion:128 Resp: 167278
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.8 10.4 15.6

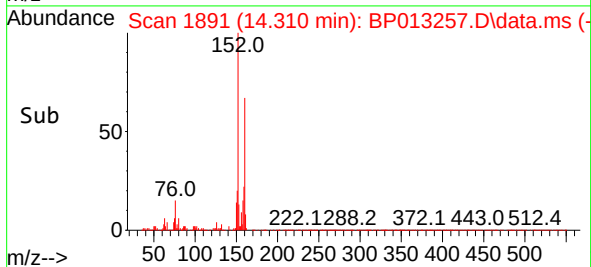
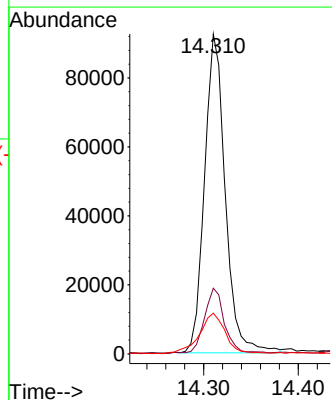
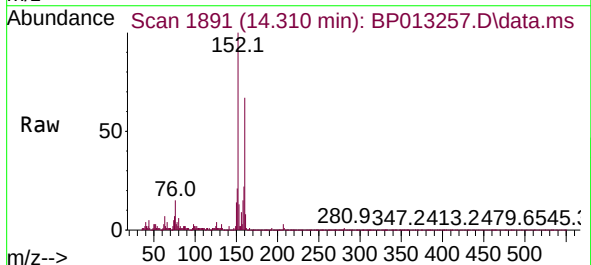
Manual Integrations
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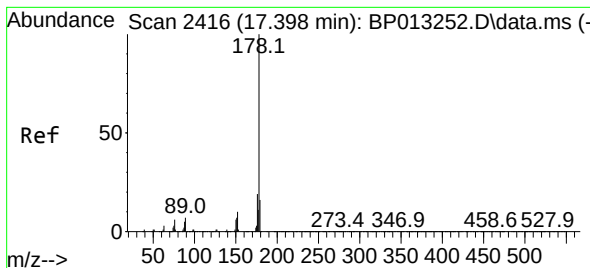
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#50
Acenaphthylene
Concen: 1.133 ng/ul
RT: 14.310 min Scan# 1891
Delta R.T. -0.012 min
Lab File: BP013257.D
Acq: 22 Dec 2022 22:26

Tgt Ion:152 Resp: 140886
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.6
153 12.7 10.6 16.0





#72

Phenanthrene

Concen: 5.150 ng/ul

RT: 17.386 min Scan# 2416

Delta R.T. -0.012 min

Lab File: BP013257.D

Acq: 22 Dec 2022 22:26

Instrument :

BNA_P

ClientSampleId :

DBXY7

Tgt Ion:178 Resp: 659369

Ion Ratio Lower Upper

178 100

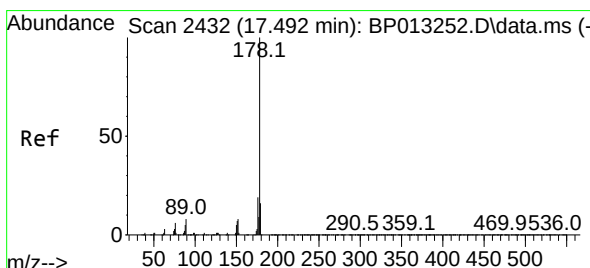
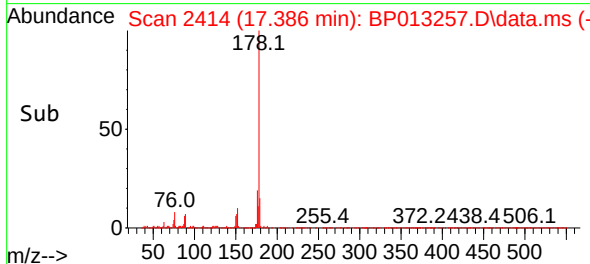
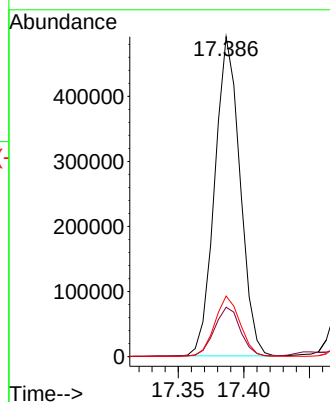
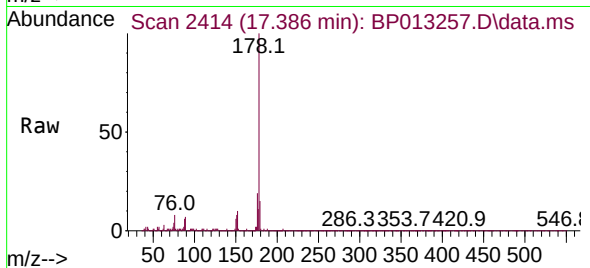
179 15.4 12.5 18.7

176 18.9 15.4 23.0

Manual Integrations

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Supervised By :mohammad ahmed 12/23/2022



#74

Anthracene

Concen: 1.374 ng/ul

RT: 17.481 min Scan# 2430

Delta R.T. -0.012 min

Lab File: BP013257.D

Acq: 22 Dec 2022 22:26

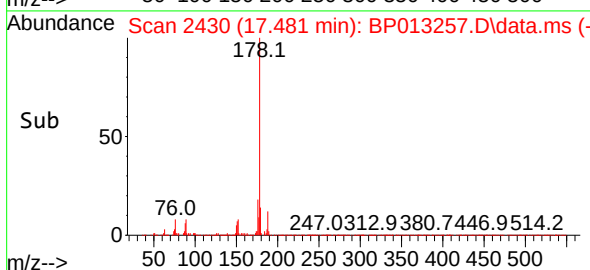
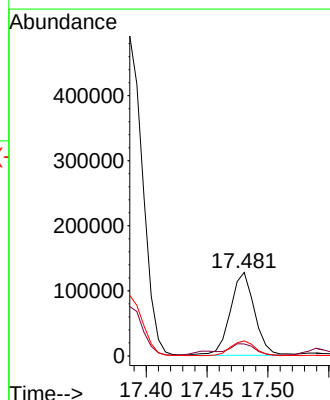
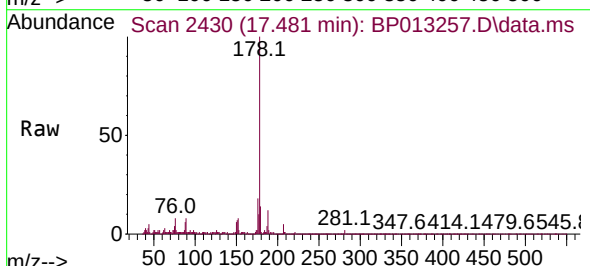
Tgt Ion:178 Resp: 175675

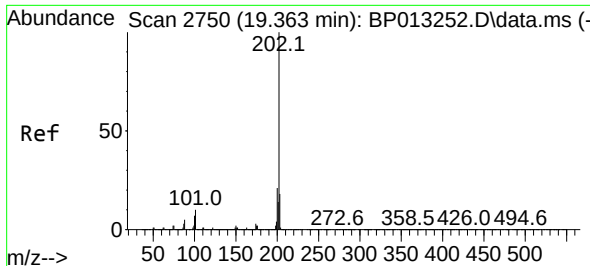
Ion Ratio Lower Upper

178 100

179 14.4 12.5 18.7

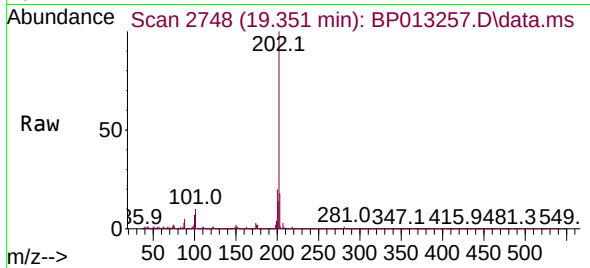
176 18.0 14.8 22.2





#80
Fluoranthene
Concen: 11.223 ng/ul
RT: 19.351 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP013257.D
Acq: 22 Dec 2022 22:26

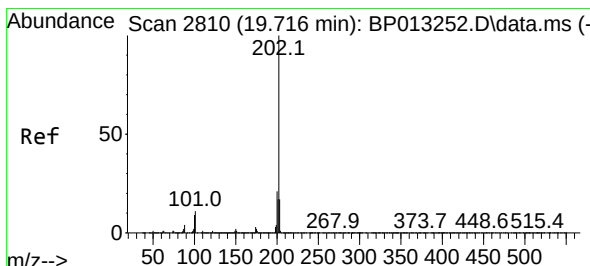
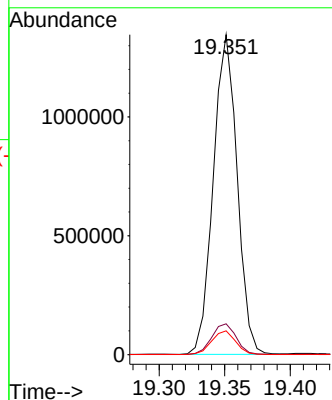
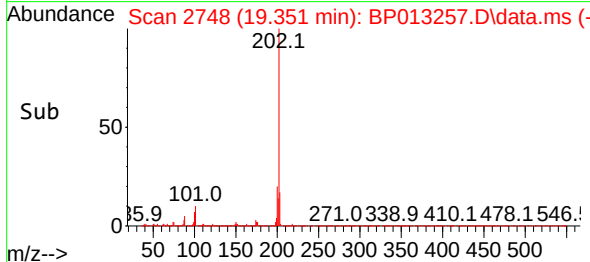
Instrument :
BNA_P
ClientSampleId :
DBXY7



Tgt Ion:202 Resp: 1701445
Ion Ratio Lower Upper
202 100
101 9.7 8.2 12.2
100 7.4 6.1 9.1

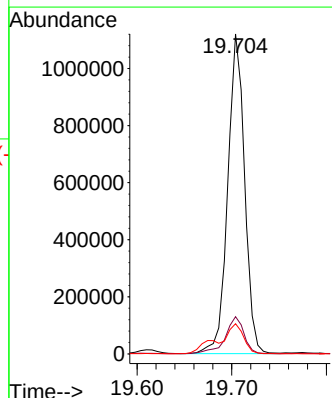
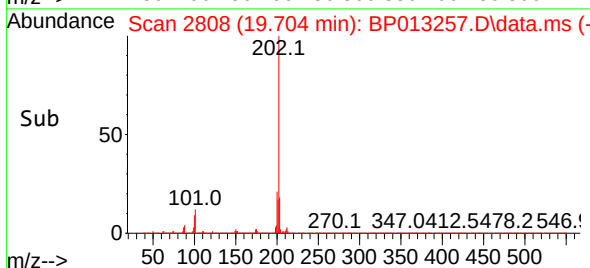
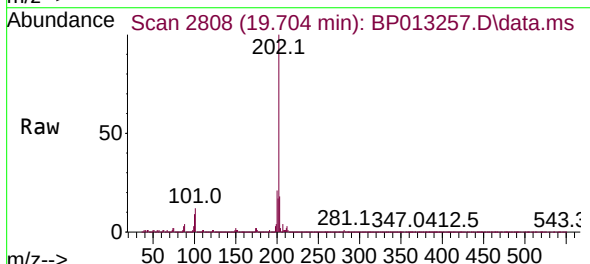
Manual Integrations
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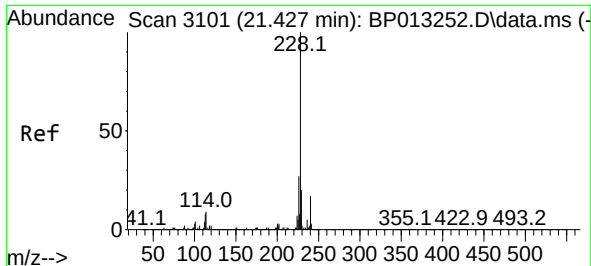
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#82
Pyrene
Concen: 8.872 ng/ul
RT: 19.704 min Scan# 2808
Delta R.T. -0.012 min
Lab File: BP013257.D
Acq: 22 Dec 2022 22:26

Tgt Ion:202 Resp: 1387564
Ion Ratio Lower Upper
202 100
101 11.6 9.4 14.2
100 9.4 7.8 11.8





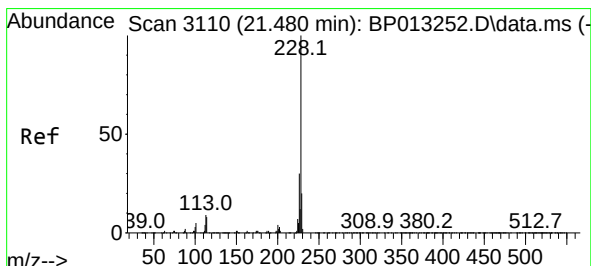
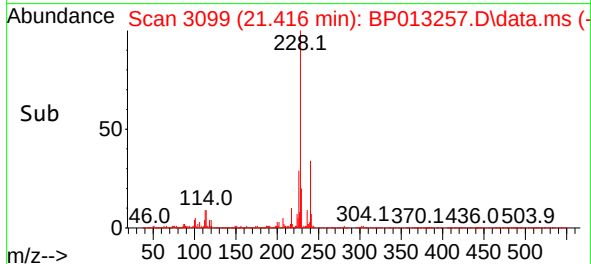
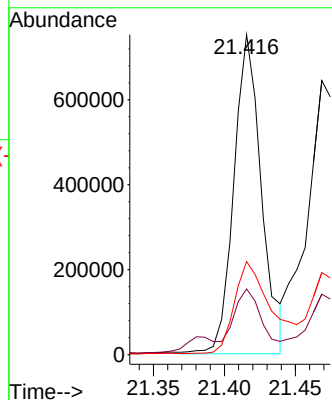
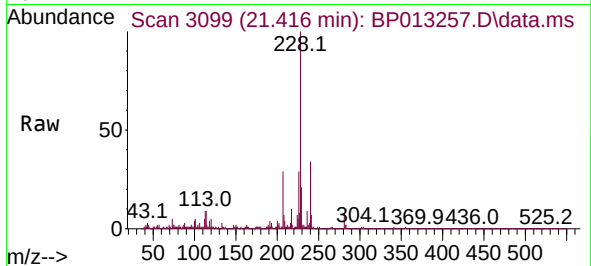
#85
Benzo(a)anthracene
Concen: 6.568 ng/ul
RT: 21.416 min Scan# 30
Delta R.T. -0.012 min
Lab File: BP013257.D
Acq: 22 Dec 2022 22:26

Instrument :
BNA_P
ClientSampleId :
DBXY7

Tgt Ion:228 Resp: 1014675
Ion Ratio Lower Upper
228 100
229 20.5 16.1 24.1
226 29.1 22.0 33.0

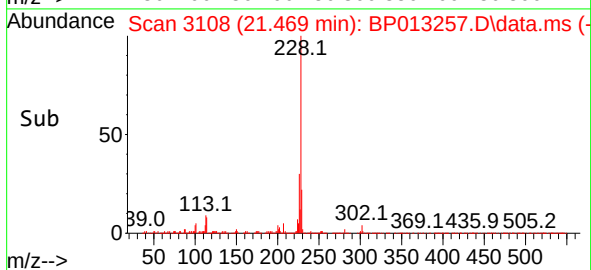
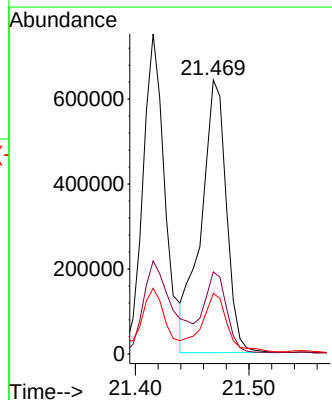
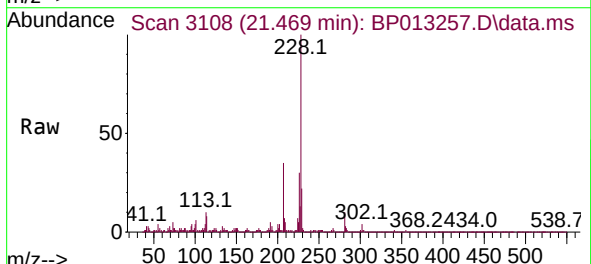
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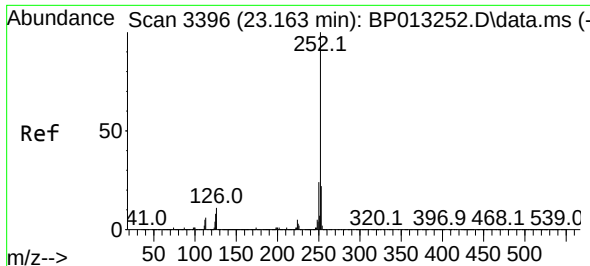
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#87
Chrysene
Concen: 6.827 ng/ul
RT: 21.469 min Scan# 3108
Delta R.T. -0.012 min
Lab File: BP013257.D
Acq: 22 Dec 2022 22:26

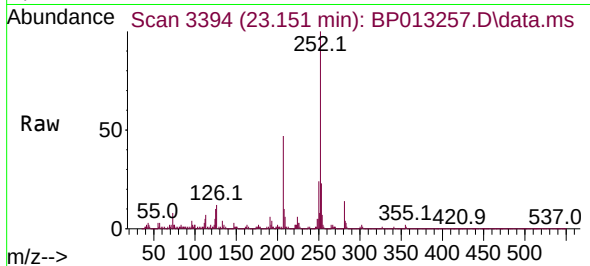
Tgt Ion:228 Resp: 997346
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 22.1 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 9.100 ng/ul
RT: 23.151 min Scan# 3396
Delta R.T. -0.012 min
Lab File: BP013257.D
Acq: 22 Dec 2022 22:26

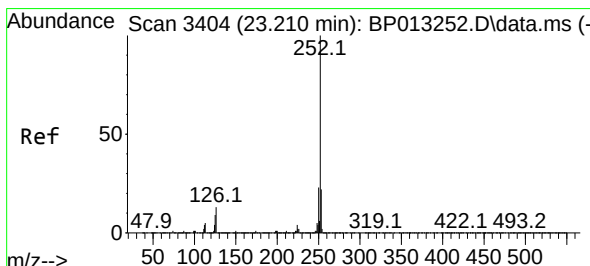
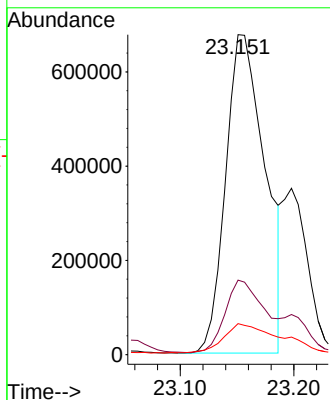
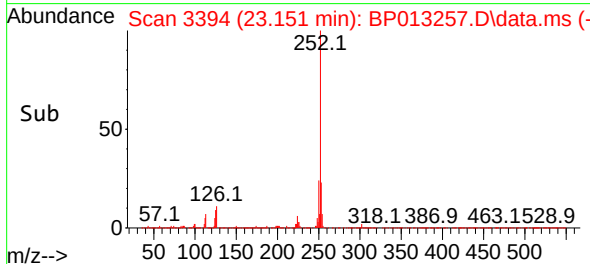
Instrument :
BNA_P
ClientSampleId :
DBXY7



Tgt Ion:252 Resp: 1634759
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 9.7 6.8 10.2

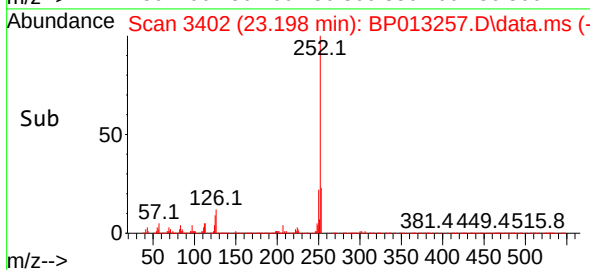
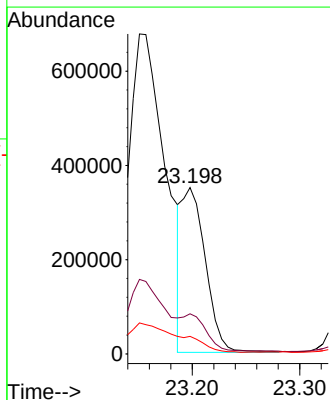
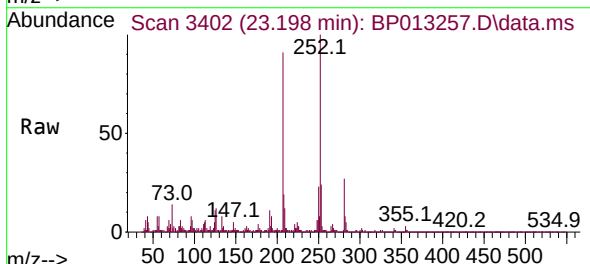
Manual Integrations
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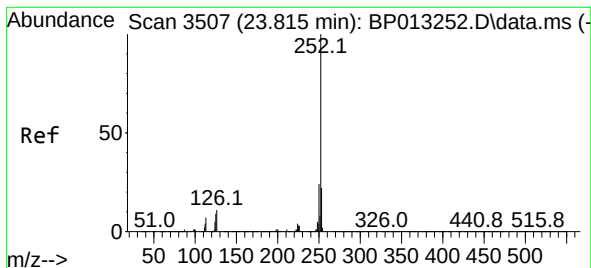
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#91
Benzo(k)fluoranthene
Concen: 2.976 ng/ul m
RT: 23.198 min Scan# 3402
Delta R.T. -0.012 min
Lab File: BP013257.D
Acq: 22 Dec 2022 22:26

Tgt Ion:252 Resp: 530124
Ion Ratio Lower Upper
252 100
253 24.1 17.7 26.5
125 10.5 6.8 10.2#





#93

Benzo(a)pyrene

Concen: 6.948 ng/ul

RT: 23.804 min Scan# 3505

Delta R.T. -0.012 min

Lab File: BP013257.D

Acq: 22 Dec 2022 22:26

Instrument :

BNA_P

ClientSampleId :

DBXY7

Tgt Ion:252 Resp: 1086910

Ion Ratio Lower Upper

252 100

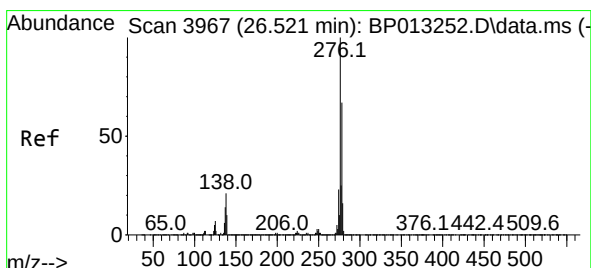
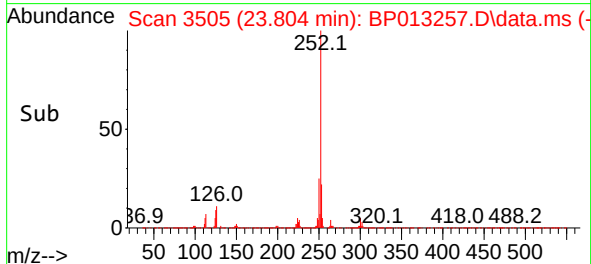
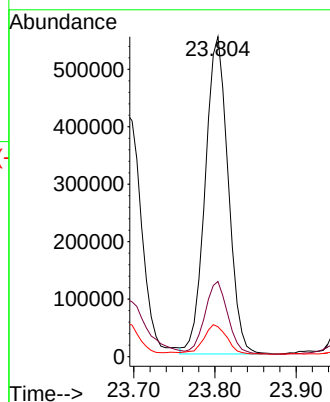
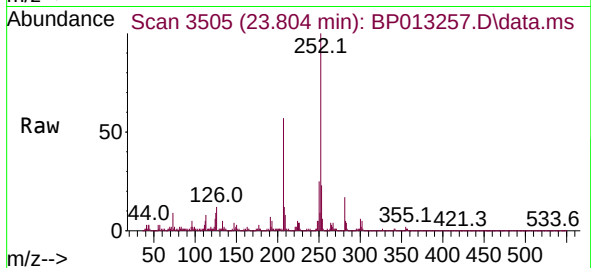
253 23.5 17.5 26.3

125 9.3 7.5 11.3

Manual Integrations

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Supervised By :mohammad ahmed 12/23/2022



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.488 ng/ul

RT: 26.498 min Scan# 3963

Delta R.T. -0.024 min

Lab File: BP013257.D

Acq: 22 Dec 2022 22:26

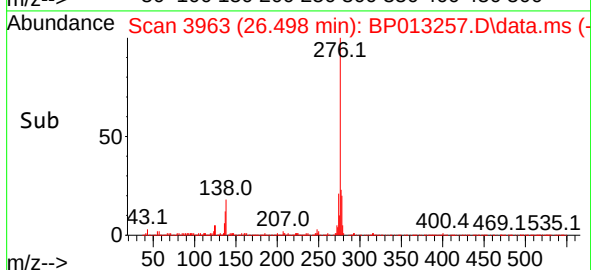
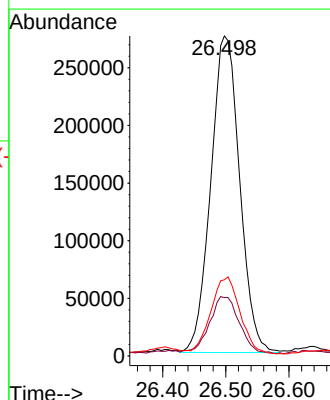
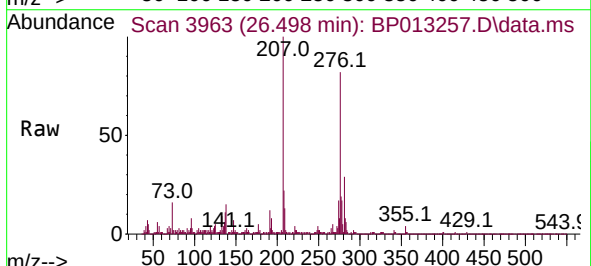
Tgt Ion:276 Resp: 874523

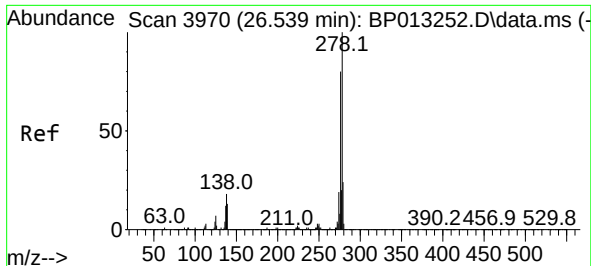
Ion Ratio Lower Upper

276 100

138 18.2 17.1 25.7

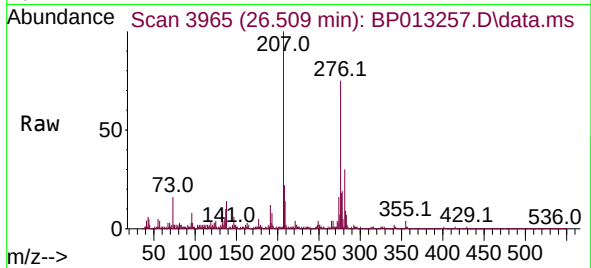
277 23.8 20.0 30.0





#95
Dibenzo(a,h)anthracene
Concen: 1.408 ng/ul
RT: 26.509 min Scan# 3970
Delta R.T. -0.029 min
Lab File: BP013257.D
Acq: 22 Dec 2022 22:26

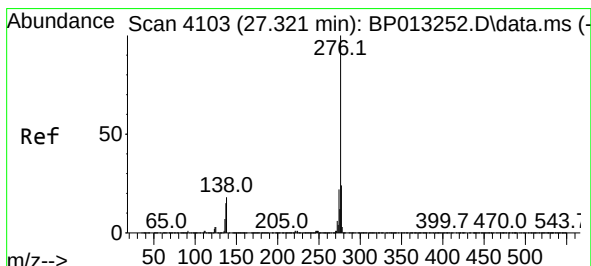
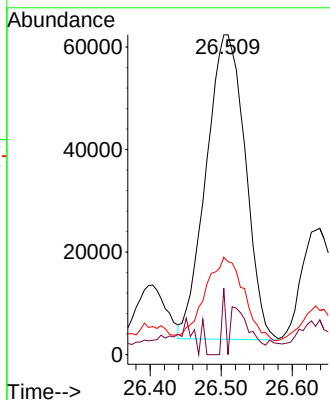
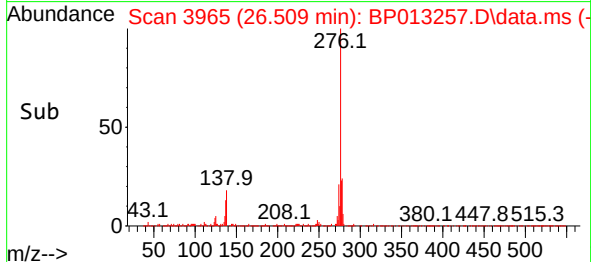
Instrument :
BNA_P
ClientSampleId :
DBXY7



Tgt Ion:278 Resp: 227191
Ion Ratio Lower Upper
278 100
139 0.0 11.1 16.7
279 29.0 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#96
Benzo(g,h,i)perylene
Concen: 5.689 ng/ul
RT: 27.304 min Scan# 4100
Delta R.T. -0.018 min
Lab File: BP013257.D
Acq: 22 Dec 2022 22:26

Tgt Ion:276 Resp: 889864
Ion Ratio Lower Upper
276 100
138 19.2 15.4 23.2
277 24.5 19.1 28.7

