

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
 Data File : BP013146.D
 Acq On : 20 Dec 2022 02:18
 Operator : CG/JU
 Sample : N6006-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXV9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022

Quant Time: Dec 20 03:02:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 19 21:43:11 2022
 Response via : Initial Calibration

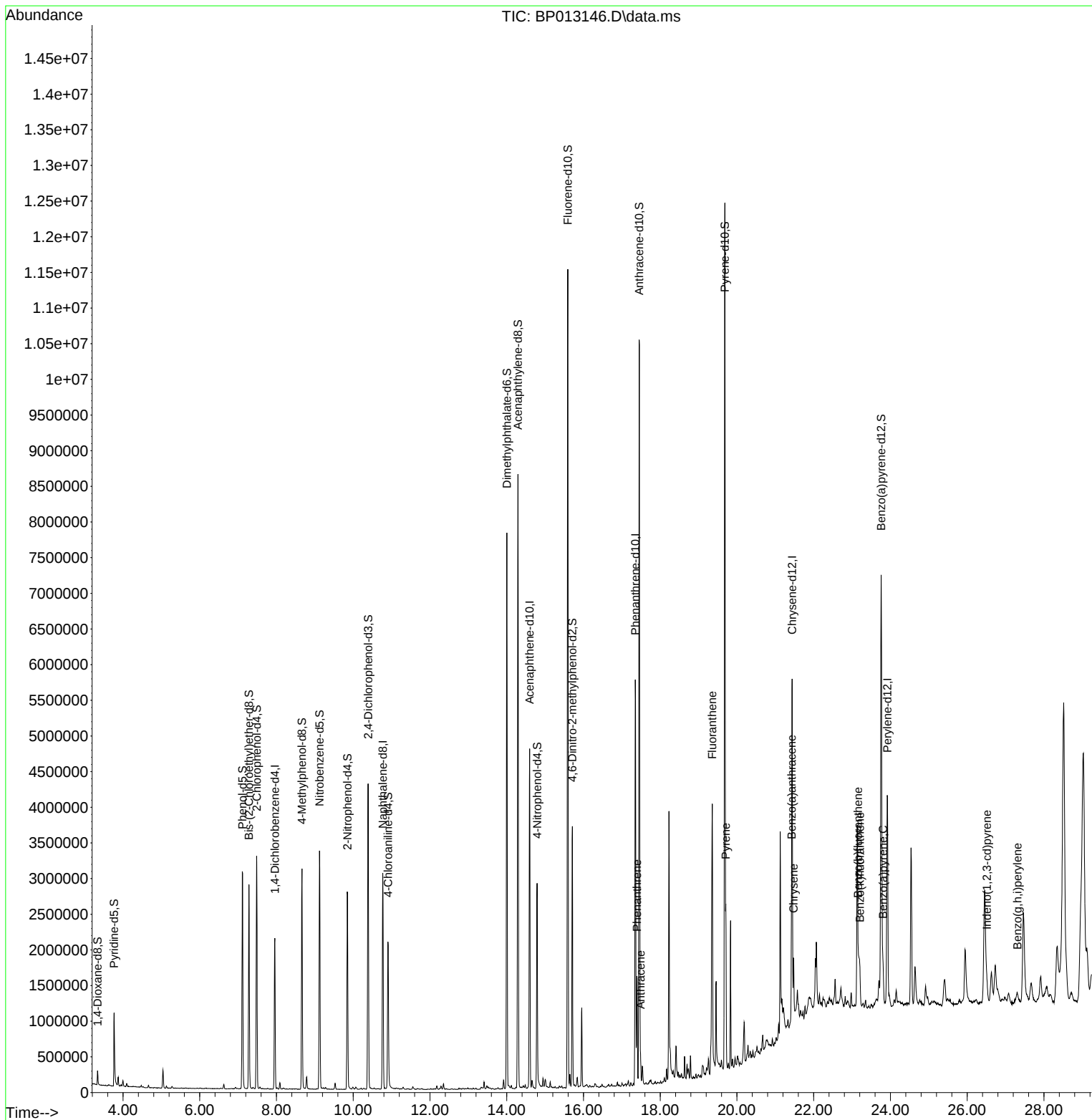
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

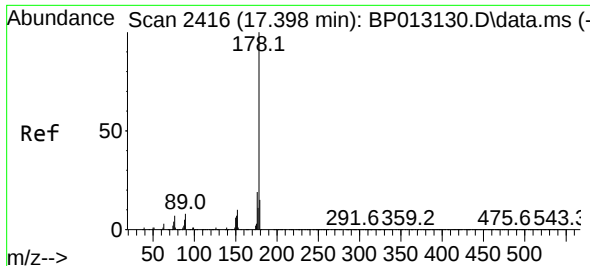
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	581957	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	2489413	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	1613381	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	3488217	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	2283858	20.000	ng/u1	0.00
88) Perylene-d12	23.922	264	2440593	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	96052	7.057	ng/uL	0.00
4) Pyridine-d5	3.770	84	531726	13.752	ng/u1	0.00
7) Phenol-d5	7.117	99	1771542	37.373	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	1215033	42.492	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	1508533	40.427	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	1147845	29.553	ng/u1	0.00
21) Nitrobenzene-d5	9.122	128	808393	44.198	ng/u1	0.00
24) 2-Nitrophenol-d4	9.852	143	944246	45.856	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	1597402	39.939	ng/u1	0.00
31) 4-Chloroaniline-d4	10.905	131	1199199	21.238	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	5211541	42.030	ng/u1	0.00
49) Acenaphthylene-d8	14.293	160	5591392	41.038	ng/u1	0.00
54) 4-Nitrophenol-d4	14.793	143	729578	32.710	ng/u1	0.00
60) Fluorene-d10	15.593	176	4378212	41.737	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	819412	36.504	ng/u1	0.00
73) Anthracene-d10	17.451	188	6253908	39.740	ng/u1	0.00
81) Pyrene-d10	19.686	212	6464140	49.310	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.757	264	4667151	38.366	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.392	178	931503	5.127	ng/u1	99
74) Anthracene	17.487	178	229560	1.265	ng/u1	99
80) Fluoranthene	19.357	202	1759462	11.825	ng/u1	100
82) Pyrene	19.710	202	1220777	7.954	ng/u1	100
85) Benzo(a)anthracene	21.422	228	585307	3.861	ng/u1	99
87) Chrysene	21.475	228	514646	3.589	ng/u1	96
90) Benzo(b)fluoranthene	23.157	252	647495	4.160	ng/u1#	97
91) Benzo(k)fluoranthene	23.204	252	217190m	1.407	ng/u1	
93) Benzo(a)pyrene	23.810	252	382244	2.821	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.510	276	303206	1.796	ng/u1	96
96) Benzo(g,h,i)perylene	27.310	276	210820	1.556	ng/u1	98

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

Manual Integrations

Quant Time: Dec 20 03:02:40 2022
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 21:43:11 2022
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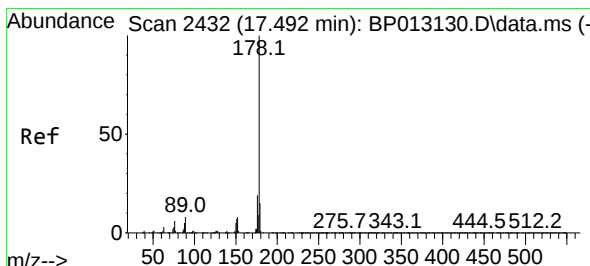
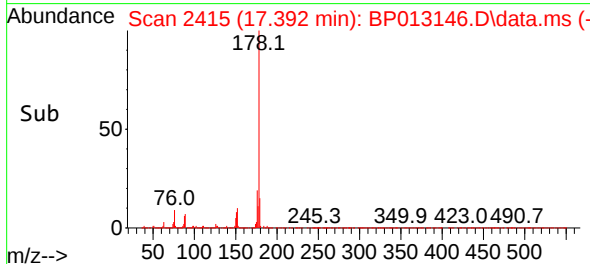
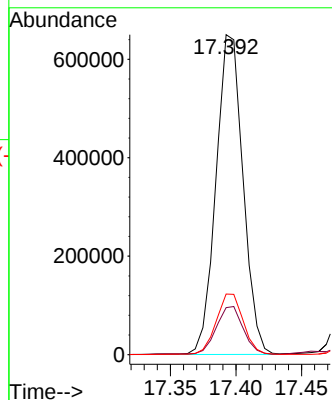
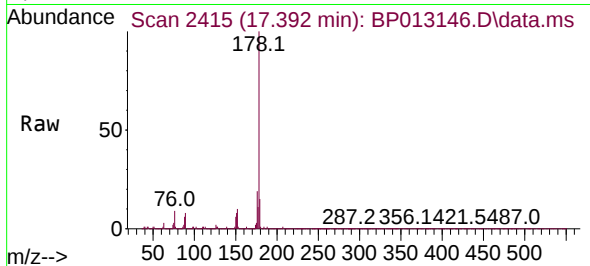
#72
Phenanthrene
Concen: 5.127 ng/ul
RT: 17.392 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP013146.D
Acq: 20 Dec 2022 02:18

Instrument :
BNA_P
ClientSampleId :
DBXV9

Tgt Ion:178 Resp: 931503
Ion Ratio Lower Upper
178 100
179 14.7 12.5 18.7
176 19.0 15.4 23.0

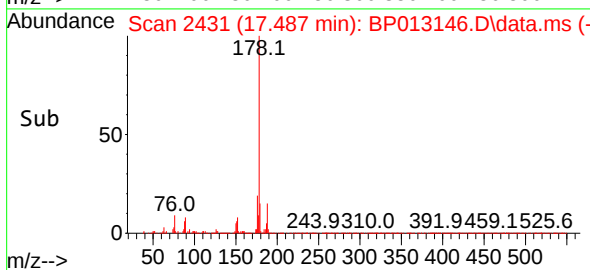
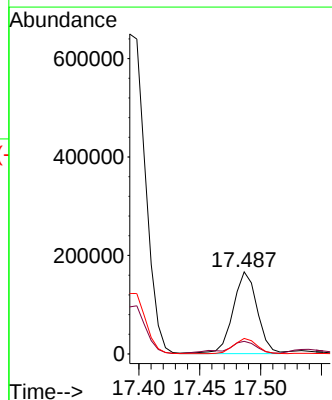
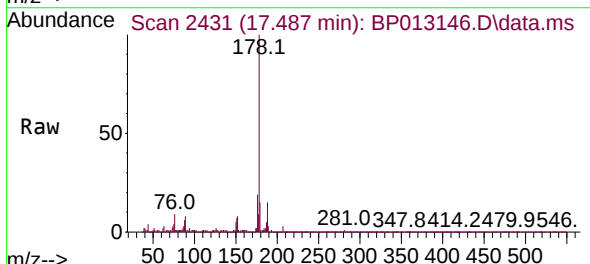
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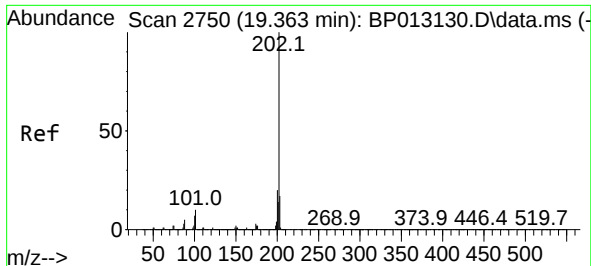
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#74
Anthracene
Concen: 1.265 ng/ul
RT: 17.487 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP013146.D
Acq: 20 Dec 2022 02:18

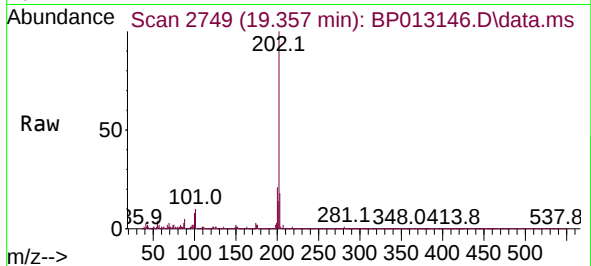
Tgt Ion:178 Resp: 229560
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 18.9 14.8 22.2





#80
Fluoranthene
Concen: 11.825 ng/ul
RT: 19.357 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013146.D
Acq: 20 Dec 2022 02:18

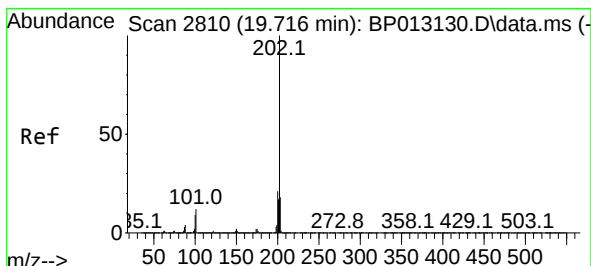
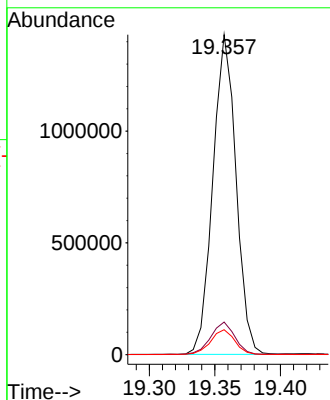
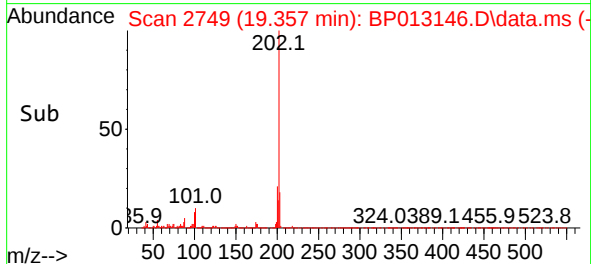
Instrument :
BNA_P
ClientSampleId :
DBXV9



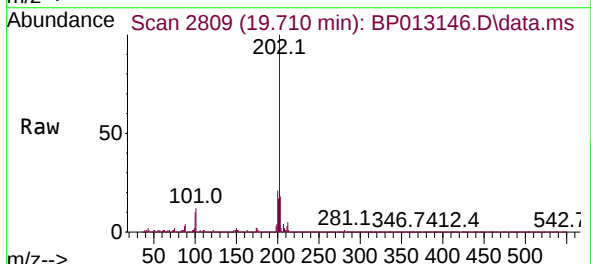
Tgt Ion:202 Resp: 1759462
Ion Ratio Lower Upper
202 100
101 10.2 8.2 12.2
100 7.8 6.1 9.1

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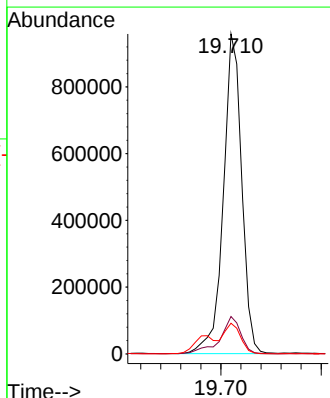
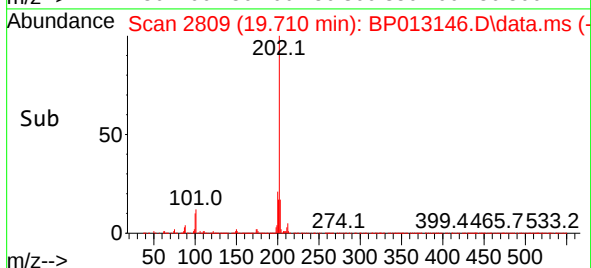
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

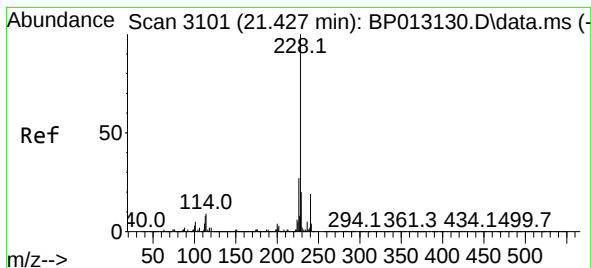


#82
Pyrene
Concen: 7.954 ng/ul
RT: 19.710 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BP013146.D
Acq: 20 Dec 2022 02:18



Tgt Ion:202 Resp: 1220777
Ion Ratio Lower Upper
202 100
101 11.7 9.4 14.2
100 9.6 7.8 11.8





#85

Benzo(a)anthracene

Concen: 3.861 ng/ul

RT: 21.422 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BP013146.D

Acq: 20 Dec 2022 02:18

Instrument :

BNA_P

ClientSampleId :

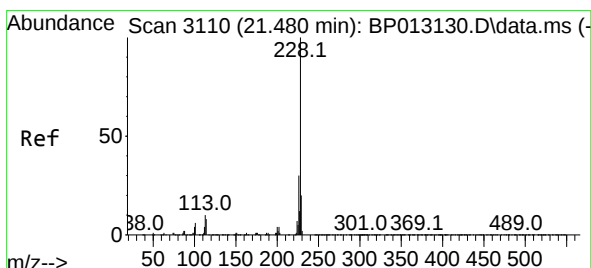
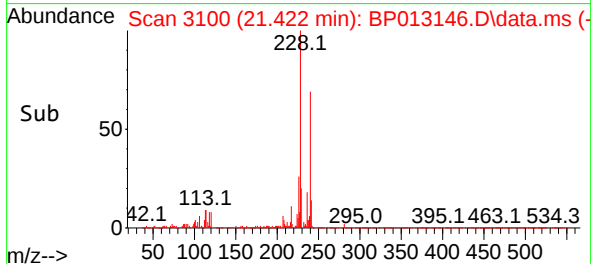
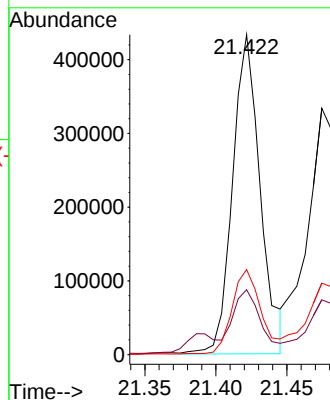
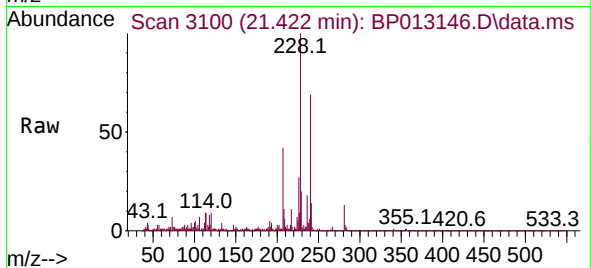
DBXV9

Tgt Ion:228 Resp: 585307
 Ion Ratio Lower Upper
 228 100
 229 20.3 16.1 24.1
 226 26.6 22.0 33.0

Manual Integrations

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#87

Chrysene

Concen: 3.589 ng/ul

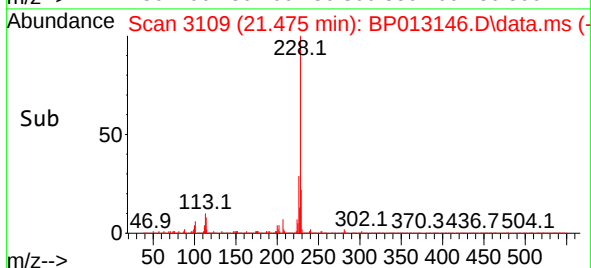
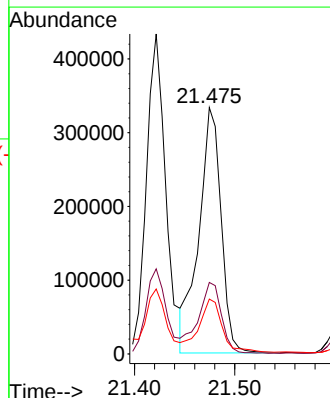
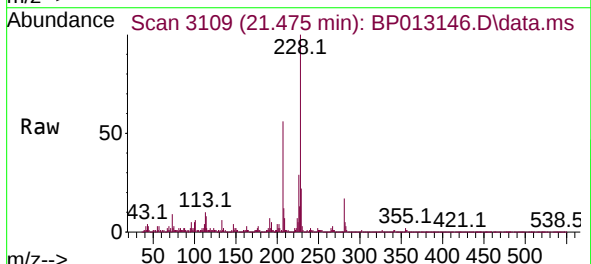
RT: 21.475 min Scan# 3109

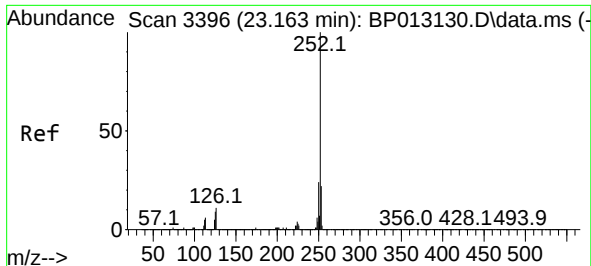
Delta R.T. -0.006 min

Lab File: BP013146.D

Acq: 20 Dec 2022 02:18

Tgt Ion:228 Resp: 514646
 Ion Ratio Lower Upper
 228 100
 226 29.0 24.5 36.7
 229 22.3 16.0 24.0





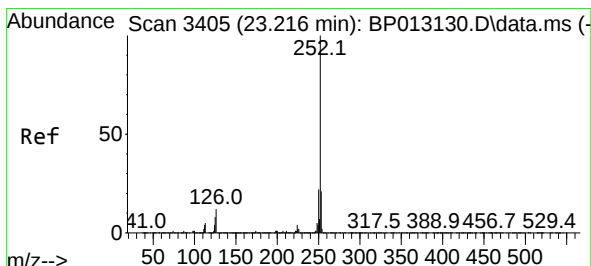
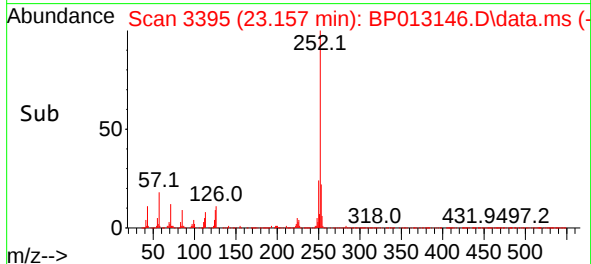
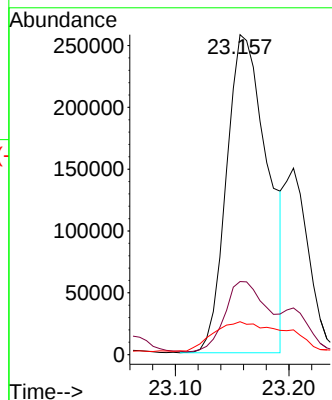
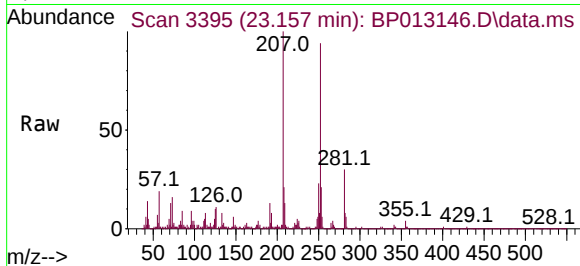
#90
Benzo(b)fluoranthene
Concen: 4.160 ng/ul
RT: 23.157 min Scan# 3395
Delta R.T. -0.006 min
Lab File: BP013146.D
Acq: 20 Dec 2022 02:18

Instrument :
BNA_P
ClientSampleId :
DBXV9

Tgt Ion:252 Resp: 647495
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 10.3 6.8 10.2

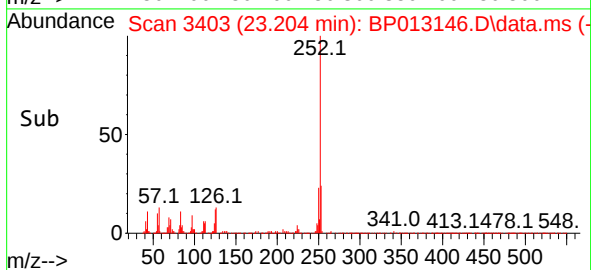
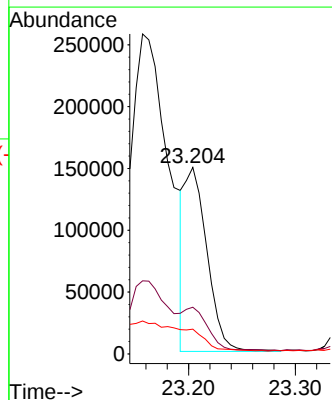
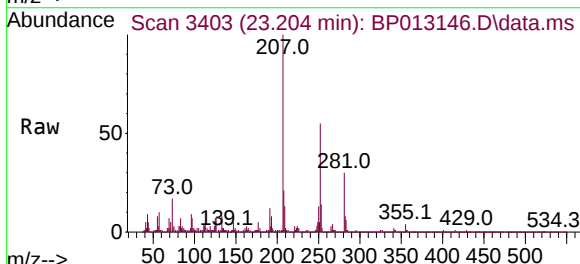
Manual Integrations
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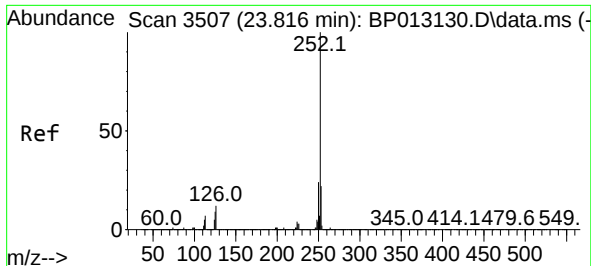
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#91
Benzo(k)fluoranthene
Concen: 1.407 ng/ul m
RT: 23.204 min Scan# 3403
Delta R.T. -0.006 min
Lab File: BP013146.D
Acq: 20 Dec 2022 02:18

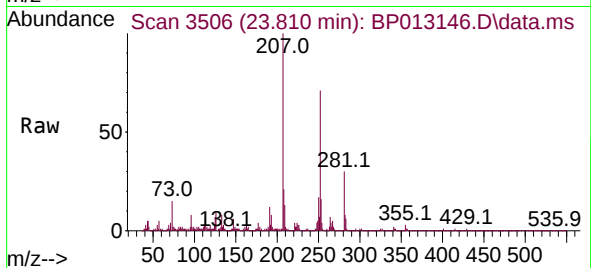
Tgt Ion:252 Resp: 217190
Ion Ratio Lower Upper
252 100
253 25.0 17.7 26.5
125 13.3 6.8 10.2





#93
Benzo(a)pyrene
Concen: 2.821 ng/ul
RT: 23.810 min Scan# 3507
Delta R.T. 0.000 min
Lab File: BP013146.D
Acq: 20 Dec 2022 02:18

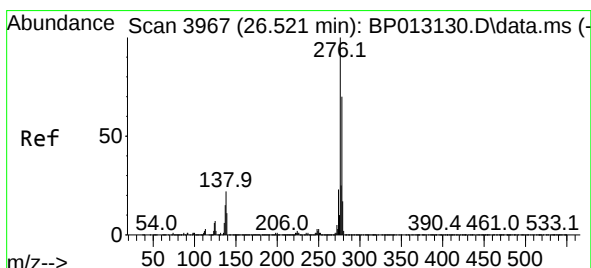
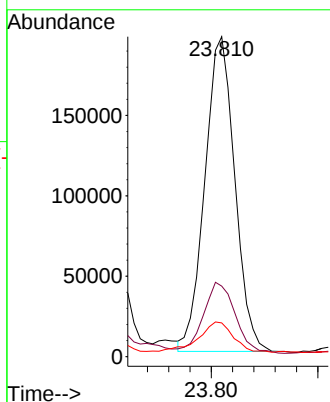
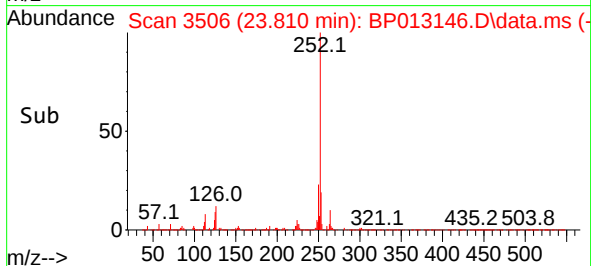
Instrument :
BNA_P
ClientSampleId :
DBXV9



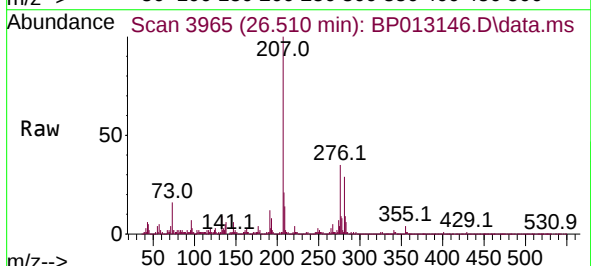
Tgt Ion:252 Resp: 382244
Ion Ratio Lower Upper
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253 22.0 17.5 26.3
125 10.5 7.5 11.3

Manual Integrations
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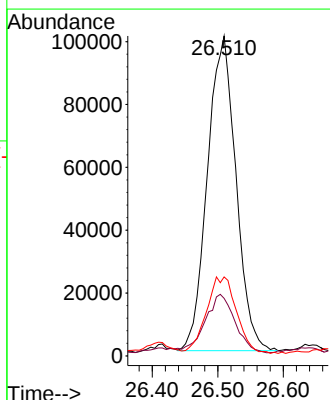
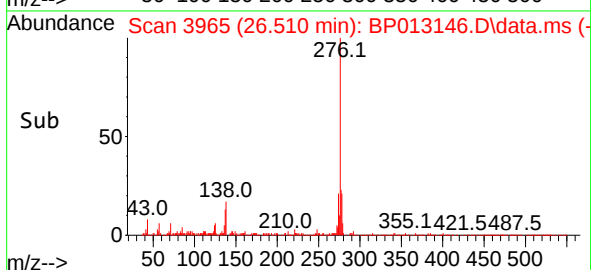
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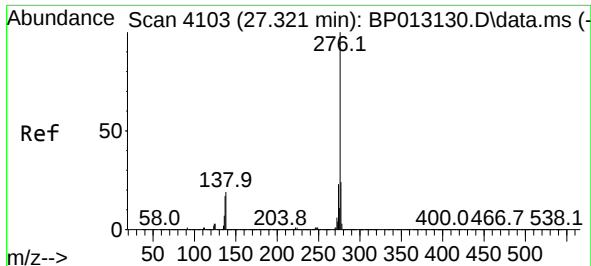


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.796 ng/ul
RT: 26.510 min Scan# 3965
Delta R.T. -0.006 min
Lab File: BP013146.D
Acq: 20 Dec 2022 02:18



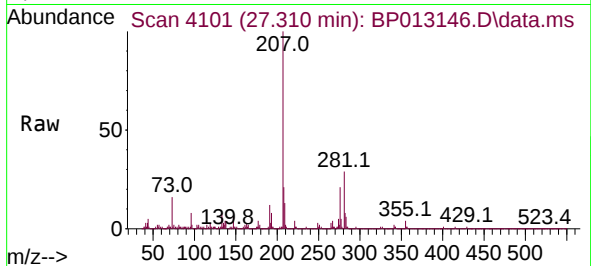
Tgt Ion:276 Resp: 303206
Ion Ratio Lower Upper
276 100
138 18.0 17.1 25.7
277 24.7 20.0 30.0





#96
 Benzo(g,h,i)perylene
 Concen: 1.556 ng/ul
 RT: 27.310 min Scan# 4101
 Delta R.T. -0.006 min
 Lab File: BP013146.D
 Acq: 20 Dec 2022 02:18

Instrument :
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Tgt Ion:276 Resp: 210820
 Ion Ratio Lower Upper
 276 100
 138 19.0 15.4 23.2
 277 25.0 19.1 28.7

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