

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012269.D
 Acq On : 22 Oct 2022 05:14
 Operator : CG/JU
 Sample : N4755-06DL 10X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBWK2DL

Quant Time: Oct 22 09:52:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 22 01:24:49 2022
 Response via : Initial Calibration

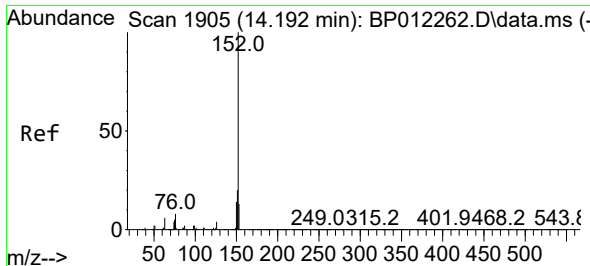
Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

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

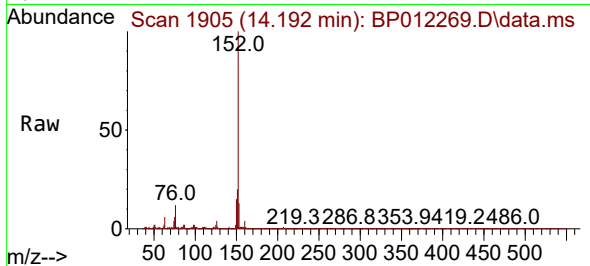
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	458868	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	1985672	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	1220063	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	2307544	20.000	ng/u1	0.00
79) Chrysene-d12	21.321	240	1583108	20.000	ng/u1	0.00
88) Perylene-d12	23.721	264	1741939	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	4614	0.407	ng/uL	0.00
4) Pyridine-d5	3.705	84	24334m	0.745	ng/u1	0.02
7) Phenol-d5	6.993	99	90463	2.284	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	55553	2.312	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	74659	2.476	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	64205	2.085	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	33073	2.250	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	35917	2.265	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	66568	2.238	ng/u1	0.00
31) 4-Chloroaniline-d4	10.781	131	41108	0.973	ng/u1	0.01
46) Dimethylphthalate-d6	13.887	166	230183	2.712	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	247257	2.552	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	14960	0.941	ng/u1	0.02
60) Fluorene-d10	15.469	176	205428	2.814	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	9960	0.759	ng/u1	0.00
73) Anthracene-d10	17.328	188	296561	2.932	ng/u1	0.00
81) Pyrene-d10	19.569	212	284657	3.158	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.568	264	242578	2.777	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.192	152	223912	2.074	ng/u1	100
61) Fluorene	15.522	166	149785	1.809	ng/u1	100
72) Phenanthrene	17.275	178	964690	7.778	ng/u1	99
74) Anthracene	17.363	178	4118403	33.562	ng/u1	99
80) Fluoranthene	19.245	202	3214528	28.861	ng/u1	97
82) Pyrene	19.598	202	3760201	32.998	ng/u1	96
85) Benzo(a)anthracene	21.310	228	1072621	10.396	ng/u1	98
87) Chrysene	21.357	228	1504919	15.630	ng/u1	98
90) Benzo(b)fluoranthene	22.992	252	2545927	21.931	ng/u1	98
91) Benzo(k)fluoranthene	23.033	252	599845m	5.242	ng/u1	
93) Benzo(a)pyrene	23.615	252	1097563	11.056	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.215	276	943960	8.214	ng/u1	95
95) Dibenzo(a,h)anthracene	26.221	278	237654	2.294	ng/u1#	83
96) Benzo(g,h,i)perylene	26.986	276	747261	6.925	ng/u1	98

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



#50
Acenaphthylene
Concen: 2.074 ng/ul
RT: 14.192 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BP012269.D
Acq: 22 Oct 2022 05:14

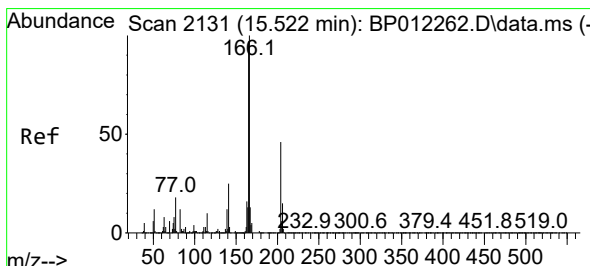
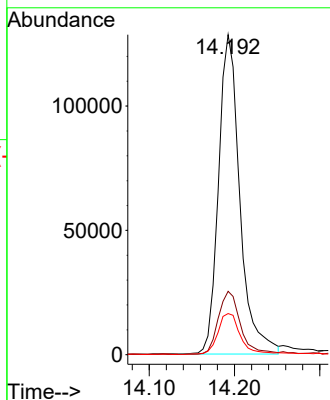
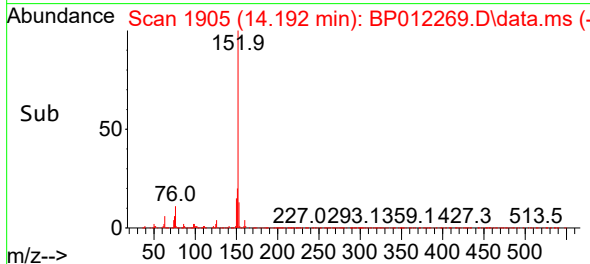
Instrument :
BNA_P
ClientSampleId :
DBWK2DL



Tgt Ion:152 Resp: 223912
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 12.8 10.6 16.0

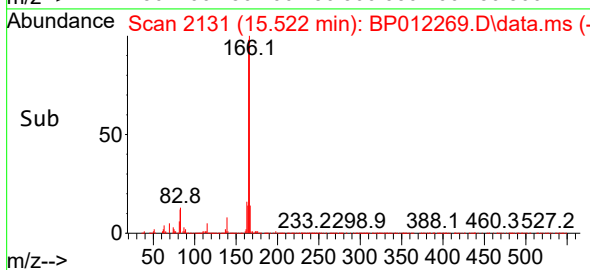
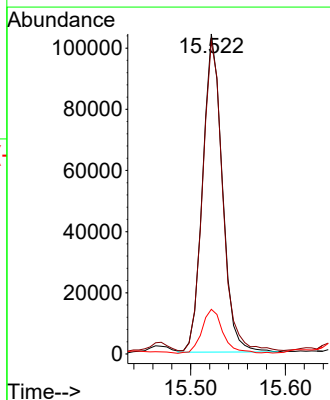
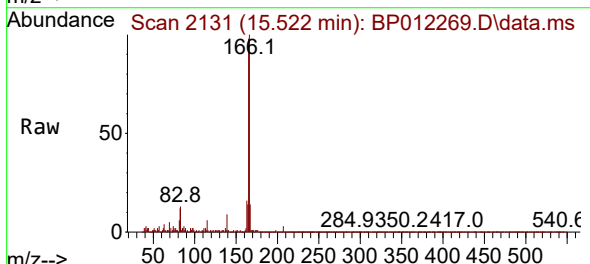
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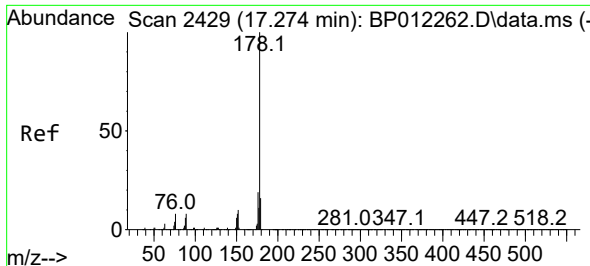
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#61
Fluorene
Concen: 1.809 ng/ul
RT: 15.522 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BP012269.D
Acq: 22 Oct 2022 05:14

Tgt Ion:166 Resp: 149785
Ion Ratio Lower Upper
166 100
165 97.8 78.0 117.0
167 14.0 10.7 16.1





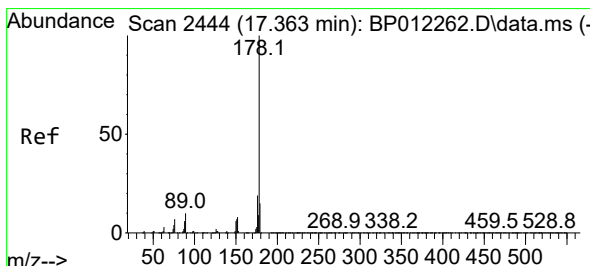
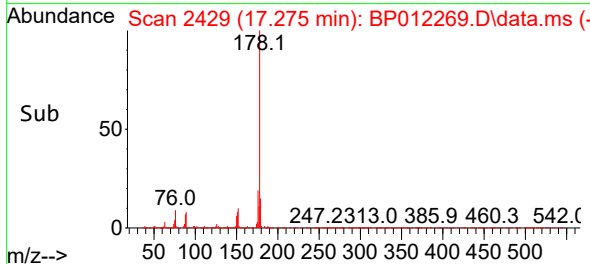
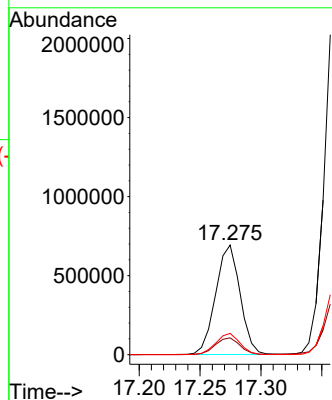
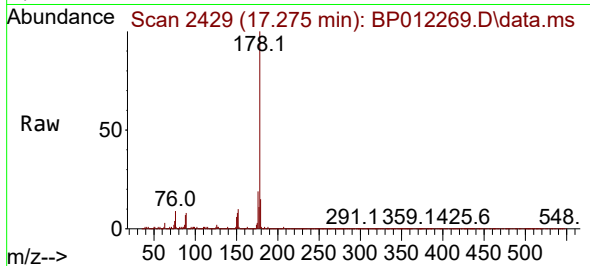
#72
Phenanthrene
Concen: 7.778 ng/ul
RT: 17.275 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP012269.D
Acq: 22 Oct 2022 05:14

Instrument :
BNA_P
ClientSampleId :
DBWK2DL

Tgt Ion:178 Resp: 964690
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 19.4 15.6 23.4

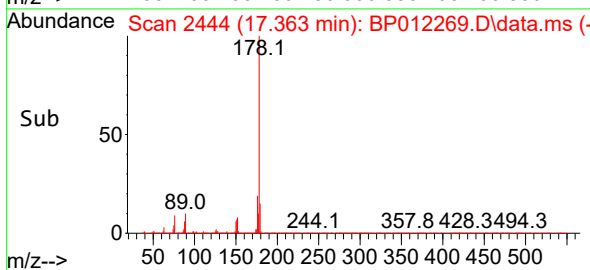
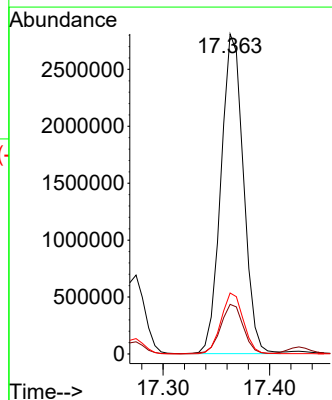
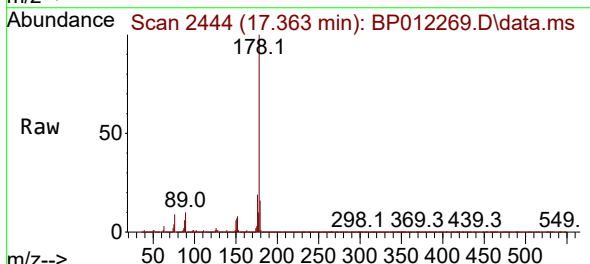
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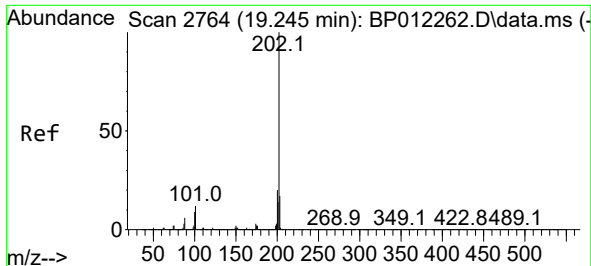
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#74
Anthracene
Concen: 33.562 ng/ul
RT: 17.363 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BP012269.D
Acq: 22 Oct 2022 05:14

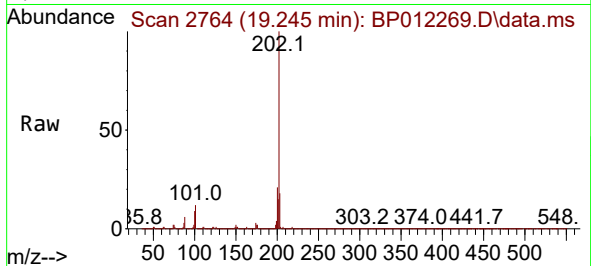
Tgt Ion:178 Resp: 4118403
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.0 15.0 22.4





#80
Fluoranthene
Concen: 28.861 ng/u1
RT: 19.245 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP012269.D
Acq: 22 Oct 2022 05:14

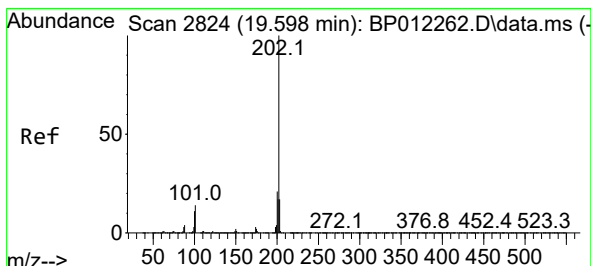
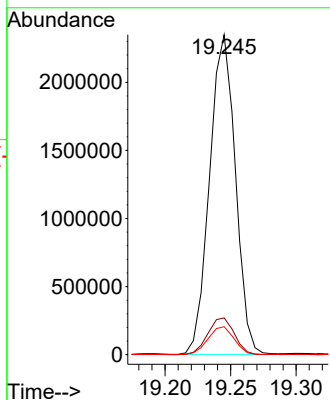
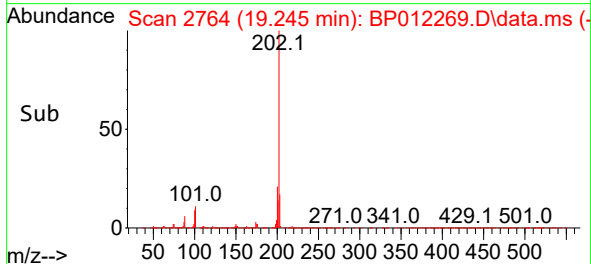
Instrument :
BNA_P
ClientSampleId :
DBWK2DL



Tgt Ion:202 Resp: 3214528
Ion Ratio Lower Upper
202 100
101 11.5 10.4 15.6
100 8.7 7.7 11.5

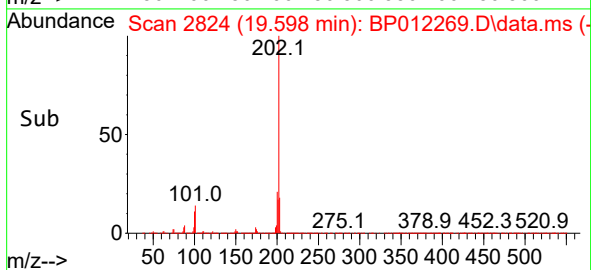
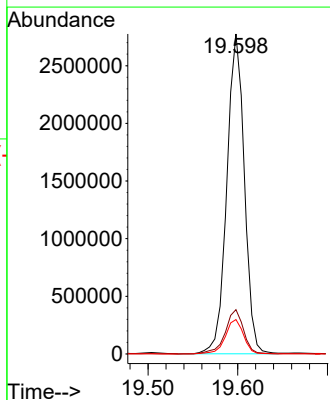
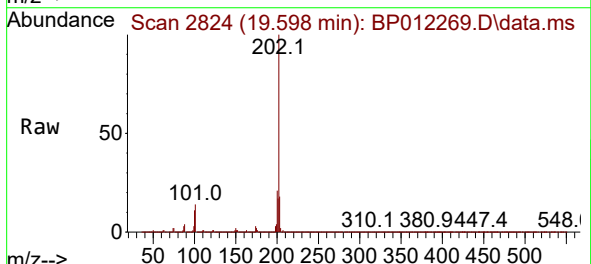
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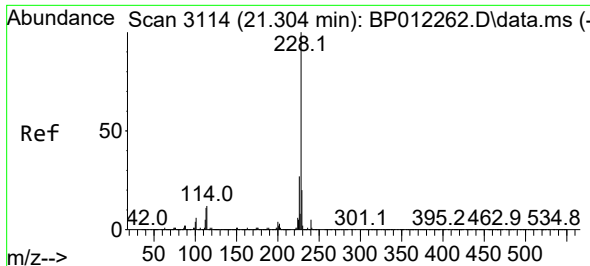
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#82
Pyrene
Concen: 32.998 ng/u1
RT: 19.598 min Scan# 2824
Delta R.T. -0.000 min
Lab File: BP012269.D
Acq: 22 Oct 2022 05:14

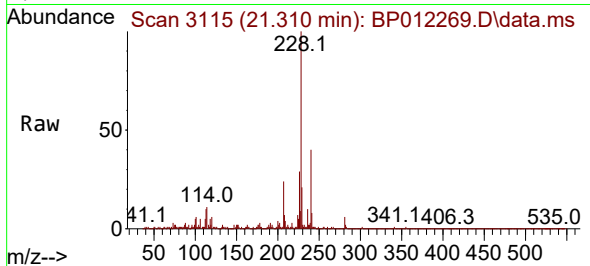
Tgt Ion:202 Resp: 3760201
Ion Ratio Lower Upper
202 100
101 13.8 12.3 18.5
100 10.8 10.0 15.0





#85
Benzo(a)anthracene
Concen: 10.396 ng/u1
RT: 21.310 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP012269.D
Acq: 22 Oct 2022 05:14

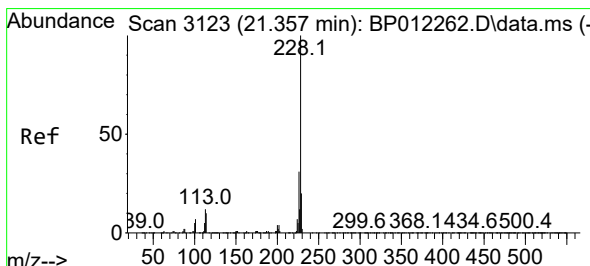
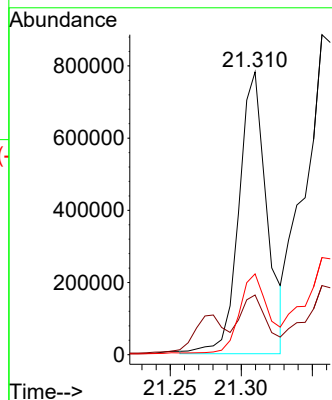
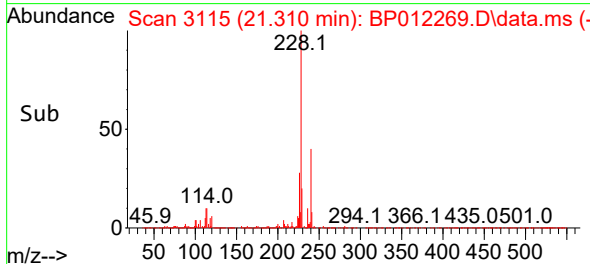
Instrument :
BNA_P
ClientSampleId :
DBWK2DL



Tgt Ion:228 Resp: 107262
Ion Ratio Lower Upper
228 100
229 21.1 16.1 24.1
226 28.6 21.9 32.9

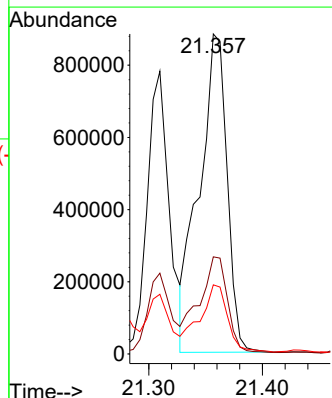
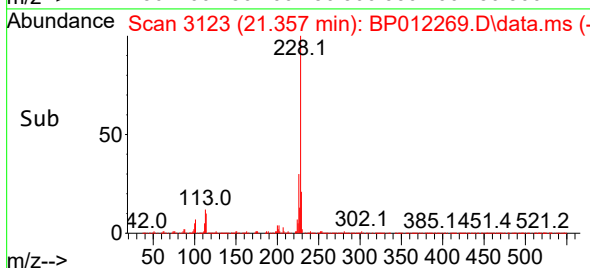
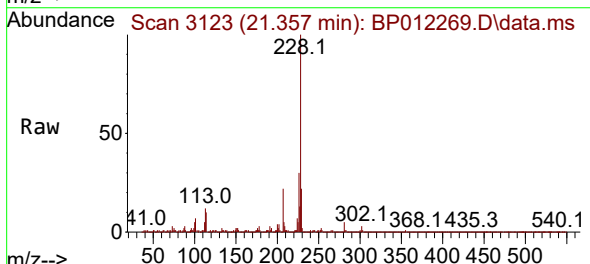
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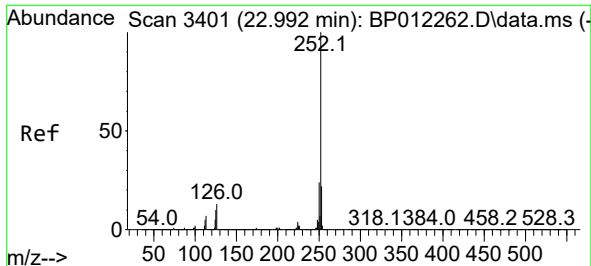
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#87
Chrysene
Concen: 15.630 ng/u1
RT: 21.357 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP012269.D
Acq: 22 Oct 2022 05:14

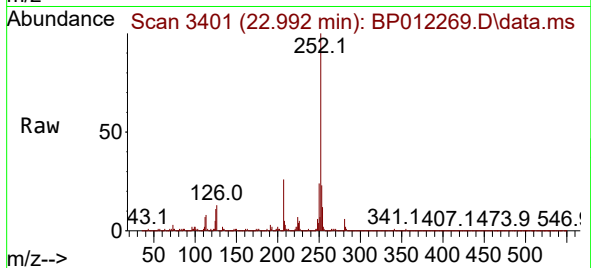
Tgt Ion:228 Resp: 1504919
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.4
229 21.6 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 21.931 ng/ul
RT: 22.992 min Scan# 3401
Delta R.T. -0.000 min
Lab File: BP012269.D
Acq: 22 Oct 2022 05:14

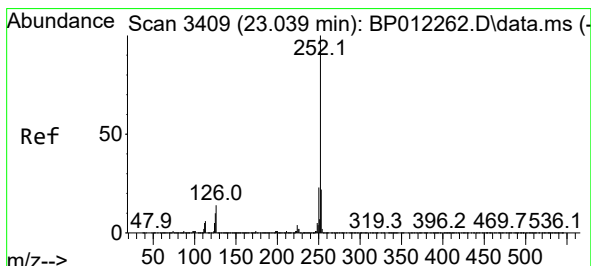
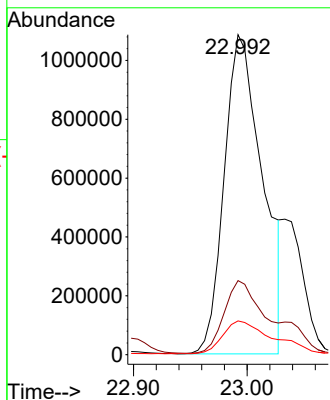
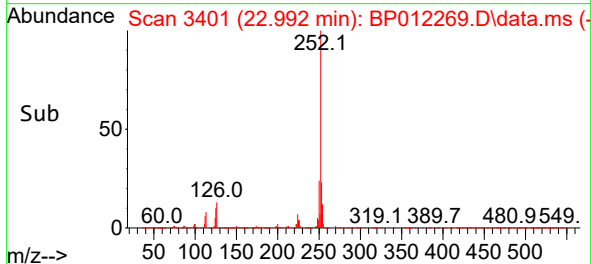
Instrument :
BNA_P
ClientSampleId :
DBWK2DL



Tgt Ion:252 Resp: 254592
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 10.6 8.5 12.7

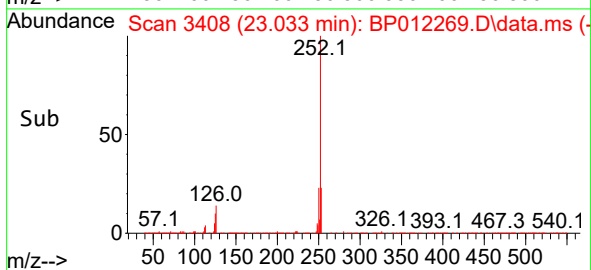
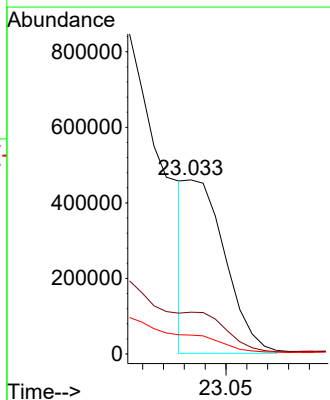
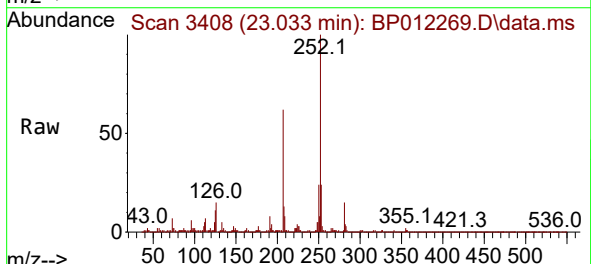
Manual Integrations
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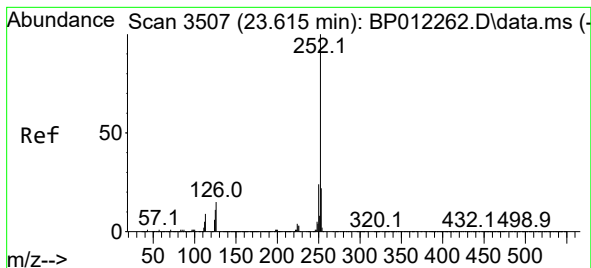
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#91
Benzo(k)fluoranthene
Concen: 5.242 ng/ul m
RT: 23.033 min Scan# 3408
Delta R.T. -0.006 min
Lab File: BP012269.D
Acq: 22 Oct 2022 05:14

Tgt Ion:252 Resp: 599845
Ion Ratio Lower Upper
252 100
253 24.0 17.9 26.9
125 10.9 8.6 13.0





#93

Benzo(a)pyrene

Concen: 11.056 ng/ul

RT: 23.615 min Scan# 3507

Delta R.T. -0.000 min

Lab File: BP012269.D

Acq: 22 Oct 2022 05:14

Instrument :

BNA_P

ClientSampleId :

DBWK2DL

Tgt Ion:252 Resp: 109756

Ion Ratio Lower Upper

252 100

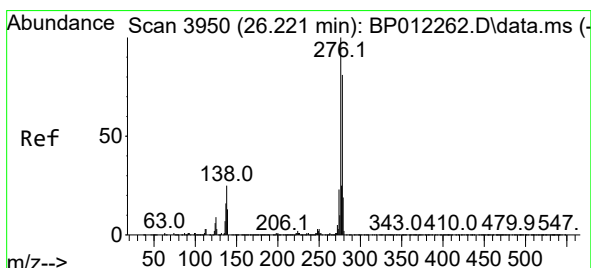
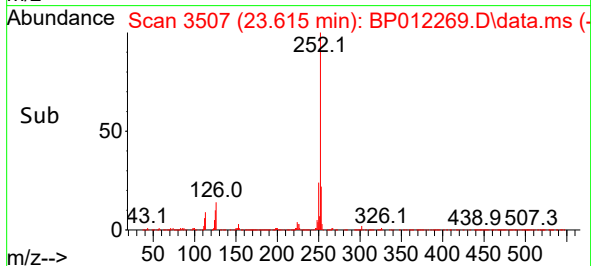
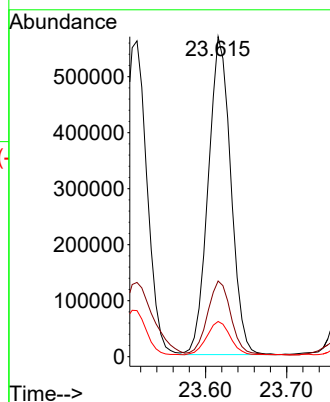
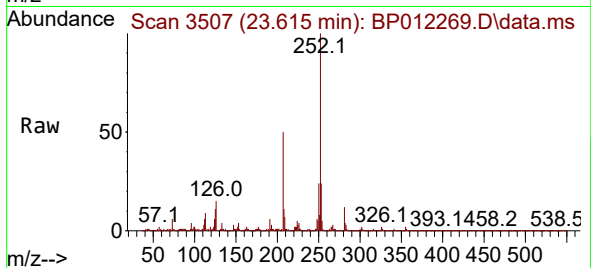
253 23.7 17.8 26.6

125 11.0 9.7 14.5

Manual Integrations

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Supervised By :mohammad ahmed 10/24/2022



#94

Indeno(1,2,3-cd)pyrene

Concen: 8.214 ng/ul

RT: 26.215 min Scan# 3949

Delta R.T. -0.006 min

Lab File: BP012269.D

Acq: 22 Oct 2022 05:14

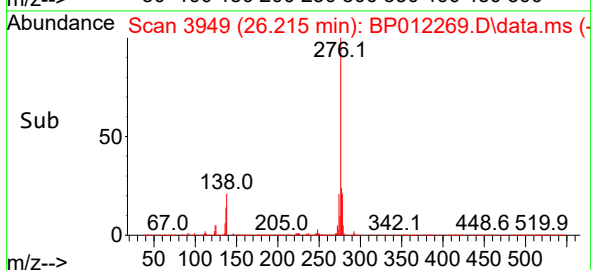
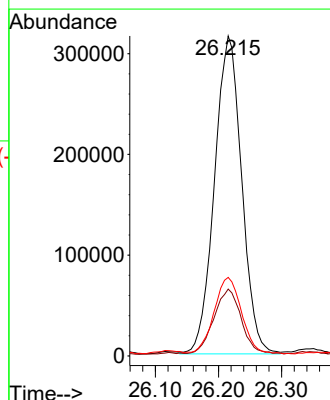
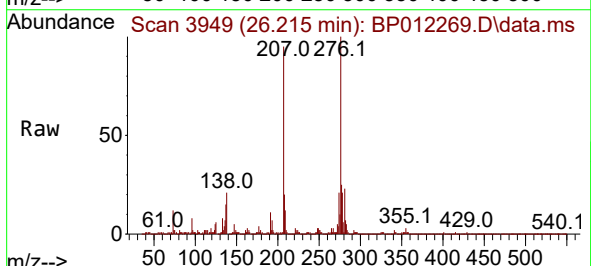
Tgt Ion:276 Resp: 943960

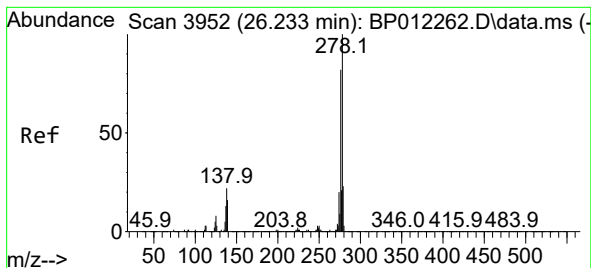
Ion Ratio Lower Upper

276 100

138 20.9 20.3 30.5

277 24.5 20.2 30.4





#95

Dibenzo(a,h)anthracene

Concen: 2.294 ng/ul

RT: 26.221 min Scan# 3950

Delta R.T. -0.012 min

Lab File: BP012269.D

Acq: 22 Oct 2022 05:14

Instrument :

BNA_P

ClientSampleId :

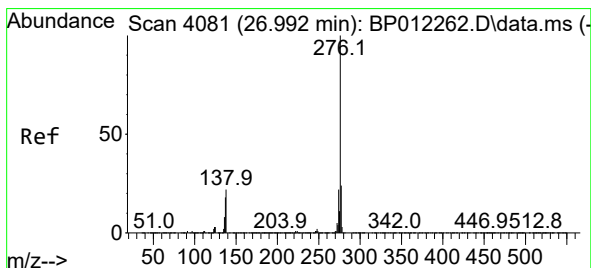
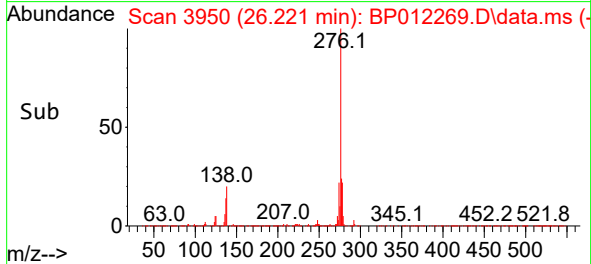
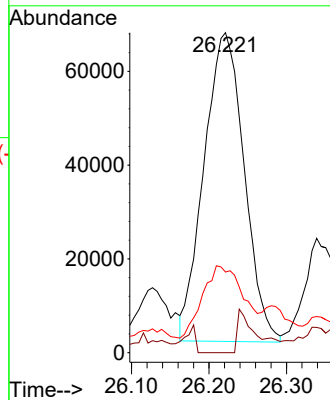
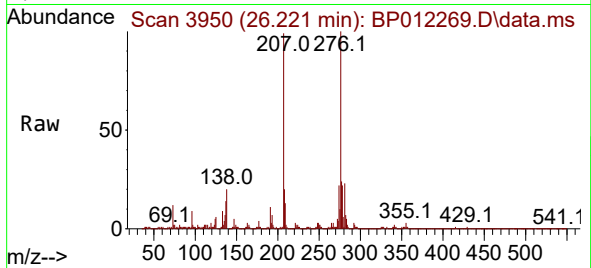
DBWK2DL

Tgt Ion:	278	Resp:	237654
Ion Ratio	Lower	Upper	
278	100		
139	0.0	12.9	19.3
279	25.2	19.0	28.4

Manual Integrations

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Supervised By :mohammad ahmed 10/24/2022



#96

Benzo(g,h,i)perylene

Concen: 6.925 ng/ul

RT: 26.986 min Scan# 4080

Delta R.T. -0.006 min

Lab File: BP012269.D

Acq: 22 Oct 2022 05:14

Tgt Ion:	276	Resp:	747261
Ion Ratio	Lower	Upper	
276	100		
138	20.5	17.9	26.9
277	23.9	18.9	28.3

