

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
 Data File : BP012000.D
 Acq On : 07 Oct 2022 08:52
 Operator : CG/JU
 Sample : N4923-16
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E10036

Manual Integrations
 APPROVED

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

Quant Time: Oct 07 23:05:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 07 03:22:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	263953	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	1087061	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	655722	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	1310978	20.000	ng/u1	0.00
79) Chrysene-d12	21.369	240	1358972	20.000	ng/u1	0.00
88) Perylene-d12	23.804	264	1449590	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	23302	3.893	ng/uL	0.00
4) Pyridine-d5	3.728	84	153140	8.736	ng/u1	0.01
7) Phenol-d5	7.046	99	117592	5.160	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	302983	23.988	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	349068	19.405	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	225365	11.964	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	230078	27.787	ng/u1	0.00
24) 2-Nitrophenol-d4	9.763	143	243354	27.471	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	407851	24.891	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	856355m	34.281	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	1341272	28.604	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	1599611	29.924	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	51963	5.351	ng/u1	0.02
60) Fluorene-d10	15.522	176	1224906	30.080	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	205551	25.905	ng/u1	0.01
73) Anthracene-d10	17.381	188	1883115	31.534	ng/u1	0.00
81) Pyrene-d10	19.622	212	2161808	31.411	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.645	264	2256097	31.091	ng/u1	0.01
Target Compounds						
					Qvalue	
8) Phenol	7.075	94	45667	1.932	ng/u1	97
13) 2-Methylphenol	8.328	108	33908	1.821	ng/u1	86
26) 2,4-Dimethylphenol	9.857	107	185179m	9.743	ng/u1	
37) 1-Methylnaphthalene	12.569	142	2400112	58.661	ng/u1	99
43) 1,1'-Biphenyl	13.357	154	339482	7.000	ng/u1	100
50) Acenaphthylene	14.245	152	2450480	41.275	ng/u1	99
52) Acenaphthene	14.592	153	3236551	77.269	ng/u1	99
56) Dibenzofuran	14.922	168	2482474	43.271	ng/u1	99
61) Fluorene	15.575	166	2244773	47.772	ng/u1	99
72) Phenanthrene	17.328	178	858616	11.918	ng/u1	99
74) Anthracene	17.416	178	613062	8.457	ng/u1	99
77) Carbazole	17.692	167	2573208	39.288	ng/u1	99
80) Fluoranthene	19.292	202	952148	11.304	ng/u1	99
82) Pyrene	19.645	202	766438	8.740	ng/u1	100
85) Benzo(a)anthracene	21.357	228	304560	3.427	ng/u1	93
87) Chrysene	21.410	228	240508	2.884	ng/u1	96
90) Benzo(b)fluoranthene	23.063	252	258867	2.798	ng/u1#	95
91) Benzo(k)fluoranthene	23.104	252	89098m	1.000	ng/u1	
93) Benzo(a)pyrene	23.692	252	223306	2.704	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.327	276	112201	1.068	ng/u1	93
96) Benzo(g,h,i)perylene	27.109	276	97029	1.041	ng/u1	99

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

Instrument :

BNA_P

ClientSampleId :

E10036

Manual Integrations**APPROVED**

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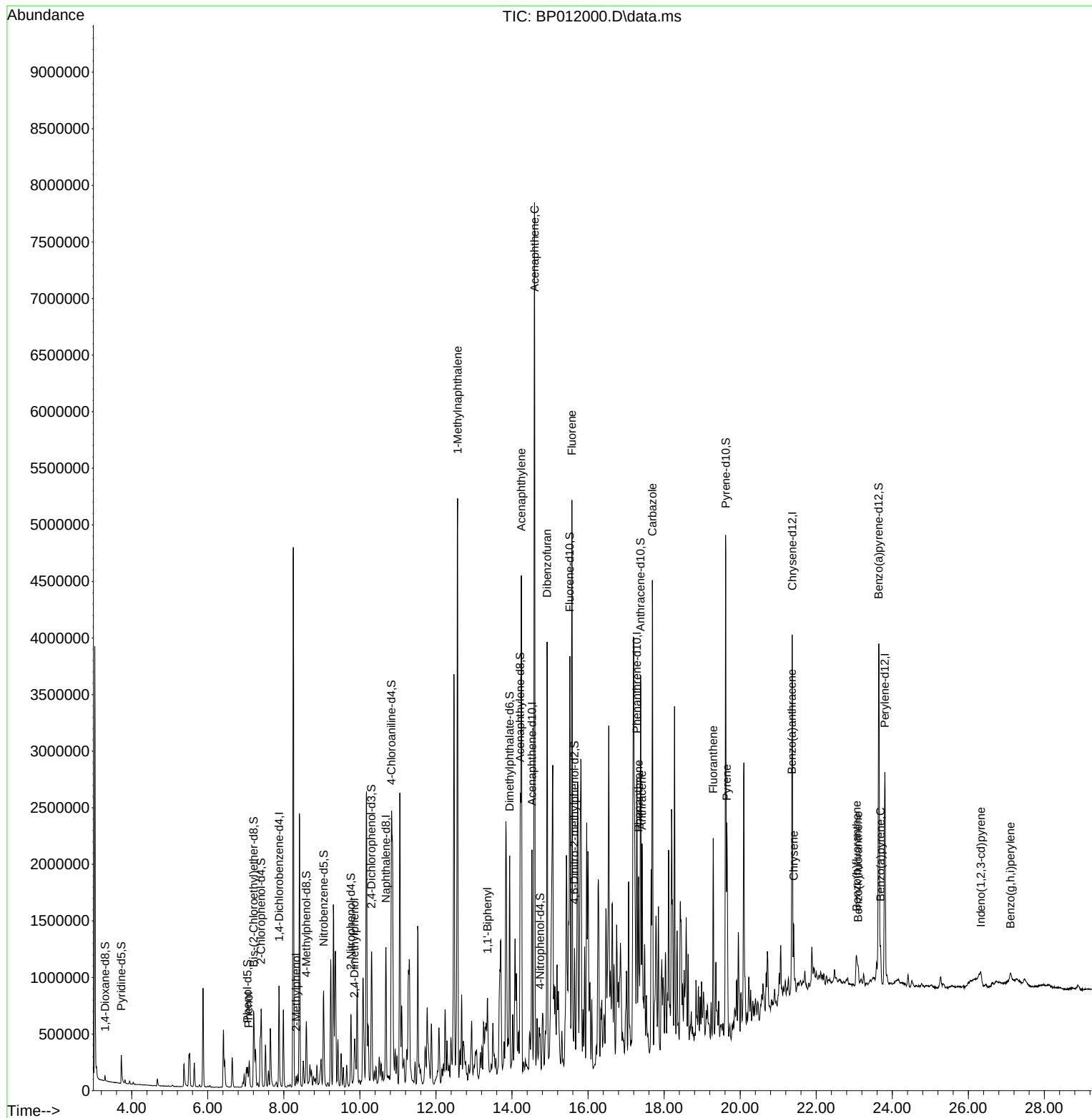
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
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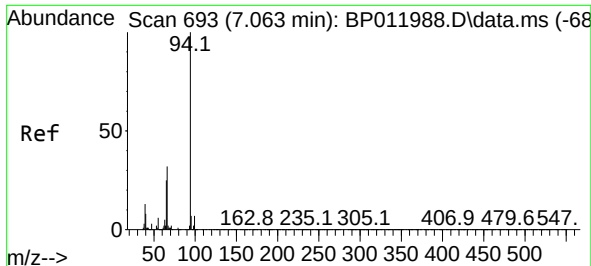
Instrument :
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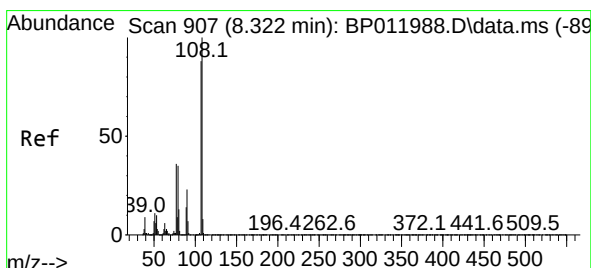
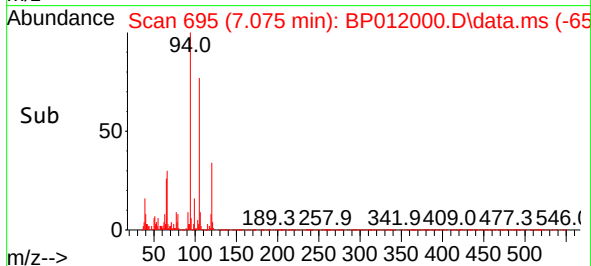
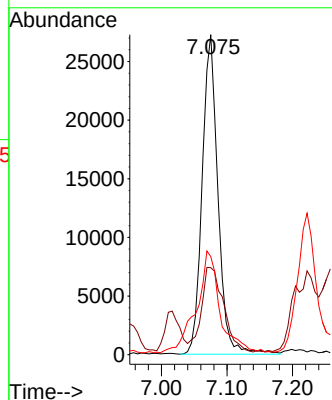
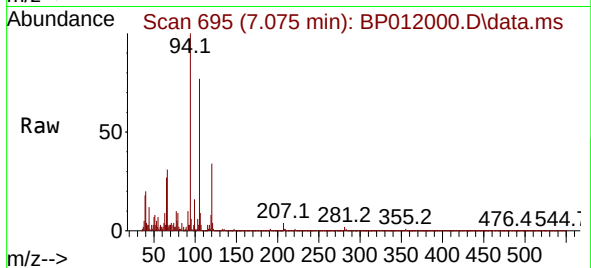
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Phenol
Concen: 1.932 ng/ul
RT: 7.075 min Scan# 693
Delta R.T. 0.012 min
Lab File: BP012000.D
Acq: 07 Oct 2022 08:52

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 94 Resp: 4566
Ion Ratio Lower Upper
94 100
65 27.2 19.5 29.3
66 30.7 25.0 37.4

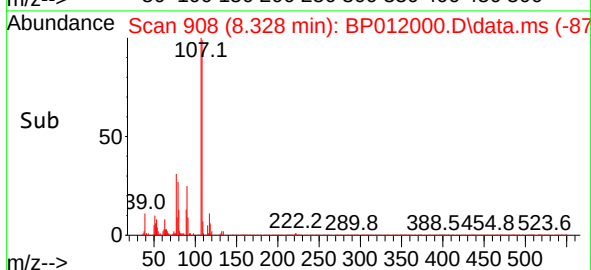
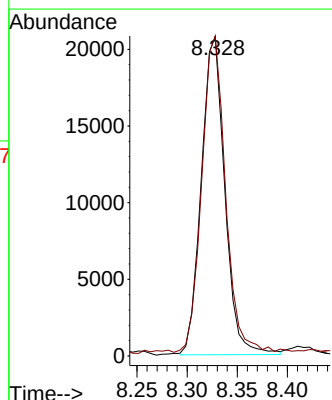
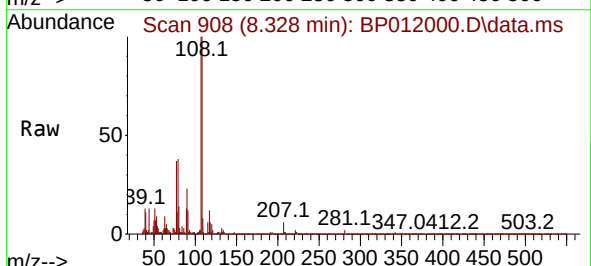
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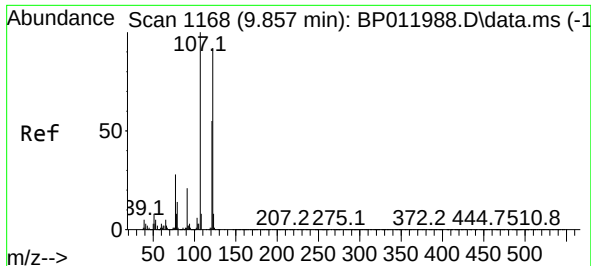
Reviewed By :Jagrut Upadhyay 10/10/2022
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#13
2-Methylphenol
Concen: 1.821 ng/ul
RT: 8.328 min Scan# 908
Delta R.T. 0.006 min
Lab File: BP012000.D
Acq: 07 Oct 2022 08:52

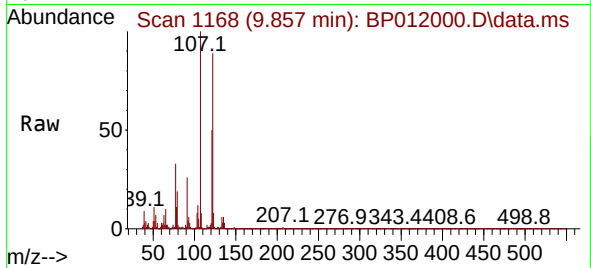
Tgt Ion:108 Resp: 33908
Ion Ratio Lower Upper
108 100
107 100.3 70.2 105.2





#26
2,4-Dimethylphenol
Concen: 9.743 ng/ul m
RT: 9.857 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BP012000.D
Acq: 07 Oct 2022 08:52

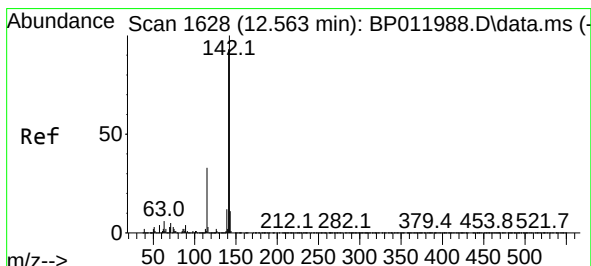
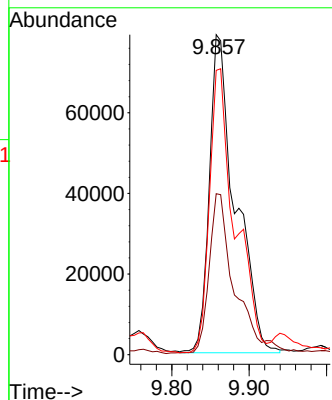
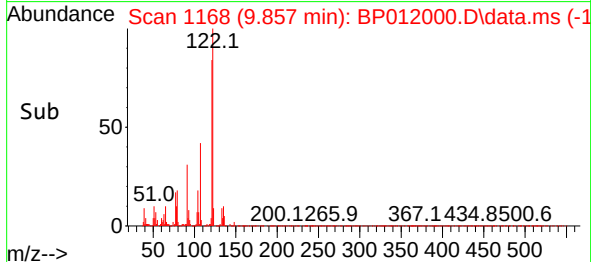
Instrument :
BNA_P
ClientSampleId :
E10036



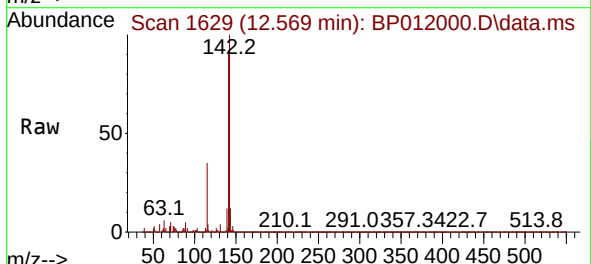
Tgt Ion:107 Resp: 185179
Ion Ratio Lower Upper
107 100
121 50.3 43.0 64.6
122 88.9 74.9 112.3

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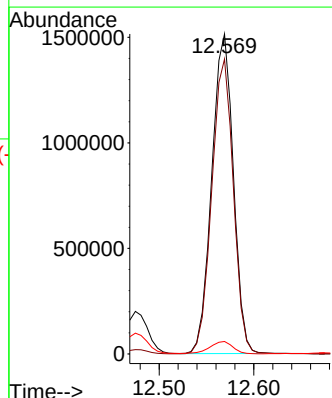
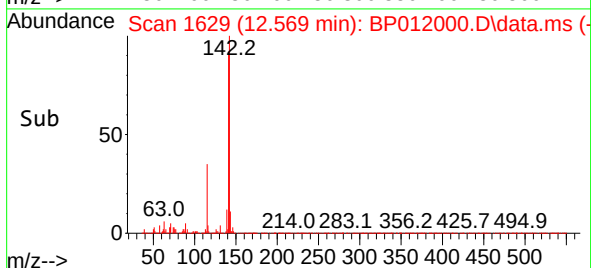
Reviewed By :Jagrut Upadhyay 10/10/2022
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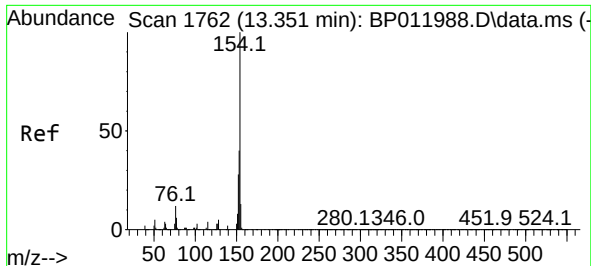


#37
1-Methylnaphthalene
Concen: 58.661 ng/ul
RT: 12.569 min Scan# 1629
Delta R.T. 0.006 min
Lab File: BP012000.D
Acq: 07 Oct 2022 08:52



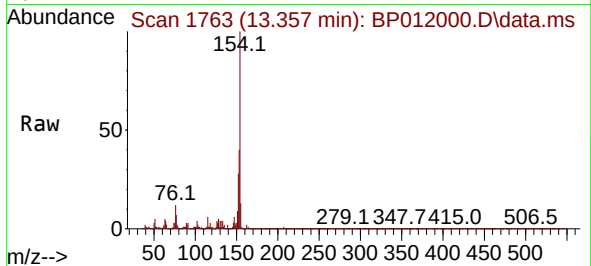
Tgt Ion:142 Resp: 2400112
Ion Ratio Lower Upper
142 100
141 92.1 74.8 112.2
116 3.9 2.9 4.3





#43
1,1'-Biphenyl
Concen: 7.000 ng/ul
RT: 13.357 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BP012000.D
Acq: 07 Oct 2022 08:52

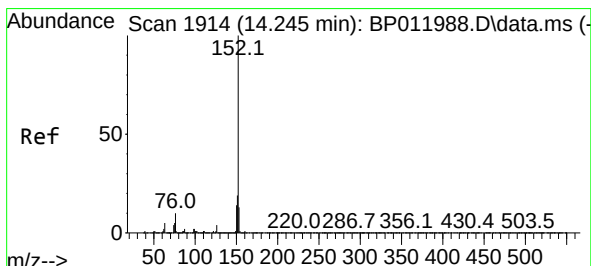
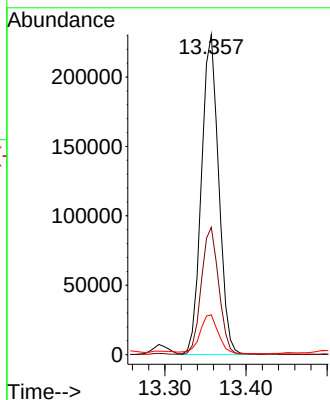
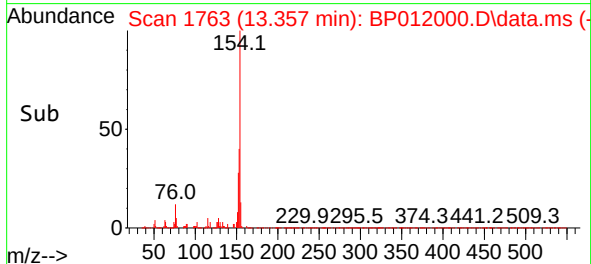
Instrument :
BNA_P
ClientSampleId :
E10036



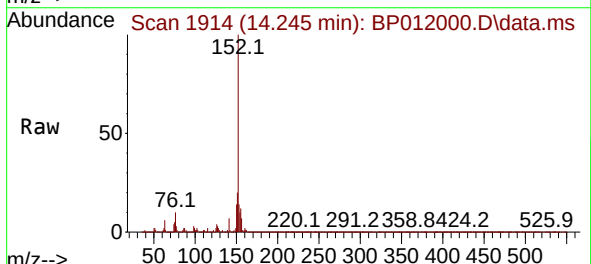
Tgt Ion:154 Resp: 33948
Ion Ratio Lower Upper
154 100
153 39.8 31.8 47.6
76 12.5 9.5 14.3

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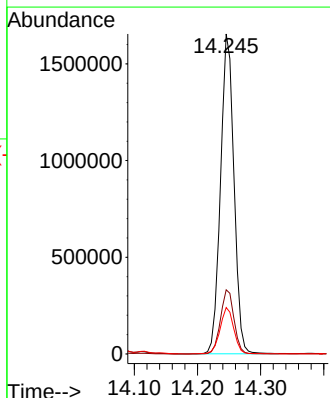
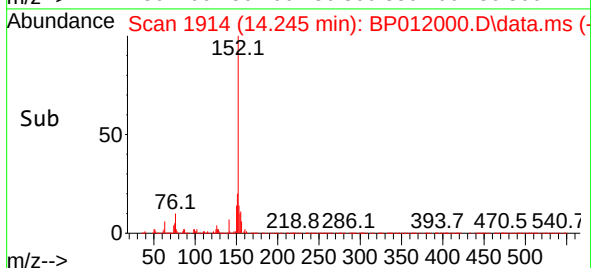
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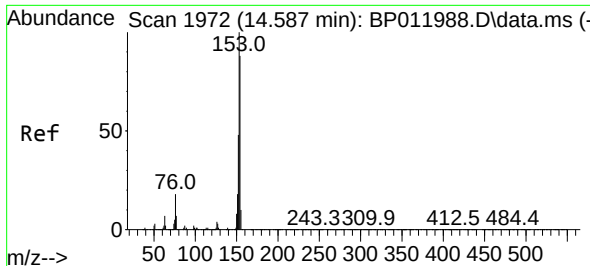


#50
Acenaphthylene
Concen: 41.275 ng/ul
RT: 14.245 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BP012000.D
Acq: 07 Oct 2022 08:52



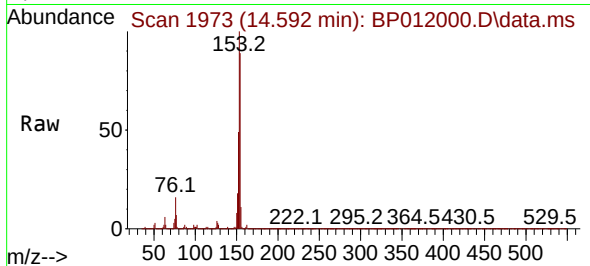
Tgt Ion:152 Resp: 2450480
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 14.5 10.8 16.2





#52
Acenaphthene
Concen: 77.269 ng/ul
RT: 14.592 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BP012000.D
Acq: 07 Oct 2022 08:52

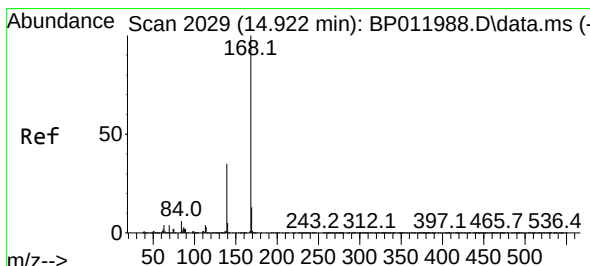
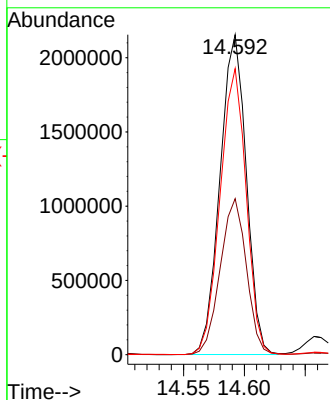
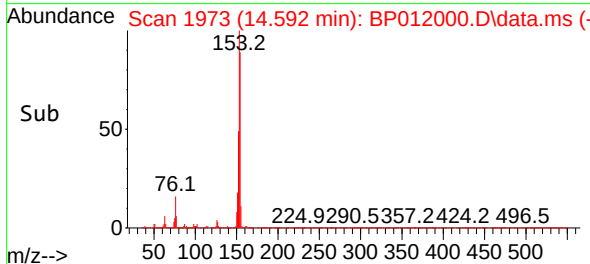
Instrument :
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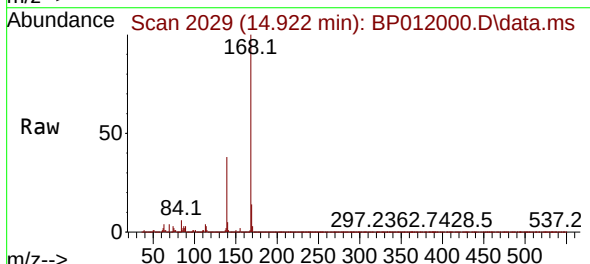
Tgt Ion:153 Resp: 323655
Ion Ratio Lower Upper
153 100
152 48.7 38.4 57.6
154 89.4 70.6 105.8

Manual Integrations
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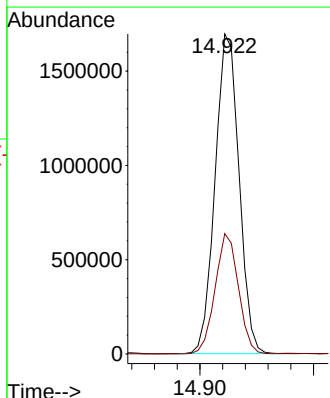
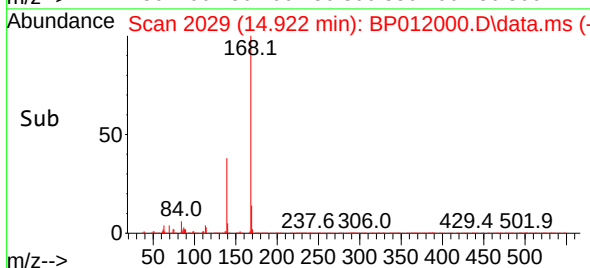
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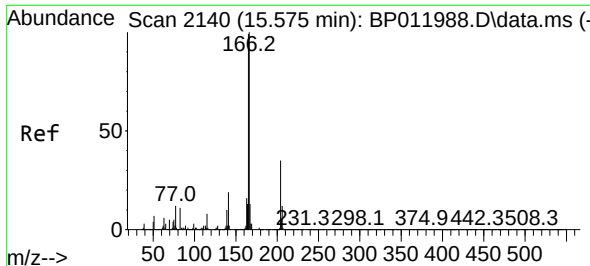


#56
Dibenzofuran
Concen: 43.271 ng/ul
RT: 14.922 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BP012000.D
Acq: 07 Oct 2022 08:52



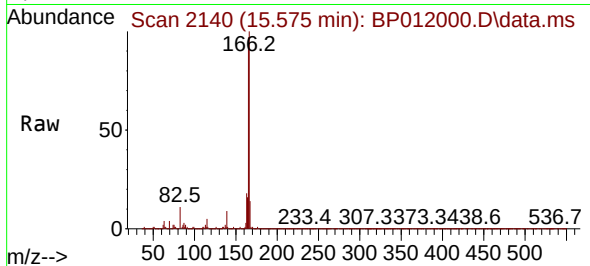
Tgt Ion:168 Resp: 2482474
Ion Ratio Lower Upper
168 100
139 37.6 29.4 44.2





#61
Fluorene
Concen: 47.772 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BP012000.D
Acq: 07 Oct 2022 08:52

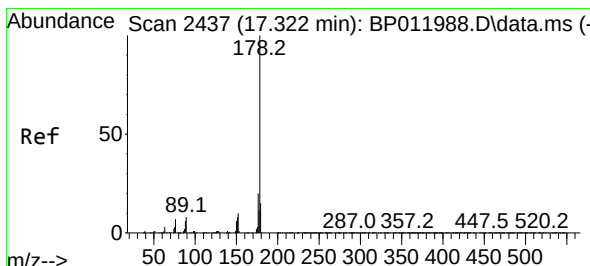
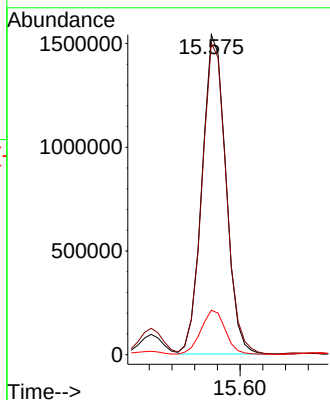
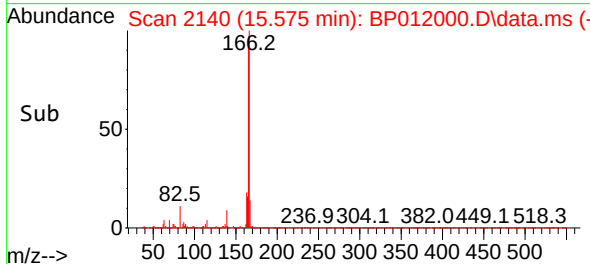
Instrument :
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Tgt Ion:166 Resp: 224477
Ion Ratio Lower Upper
166 100
165 97.3 77.2 115.8
167 13.9 10.7 16.1

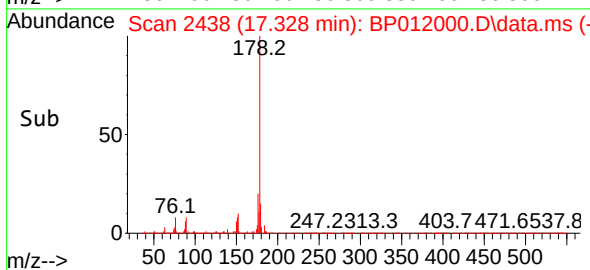
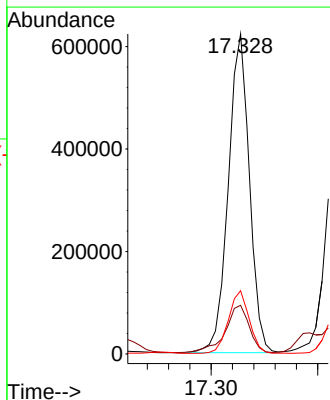
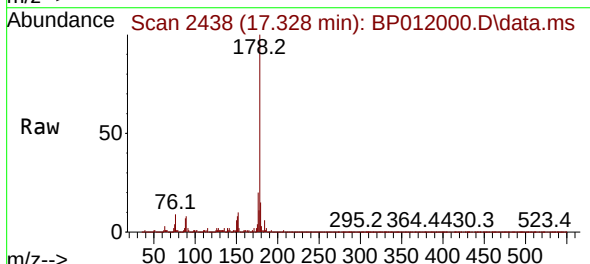
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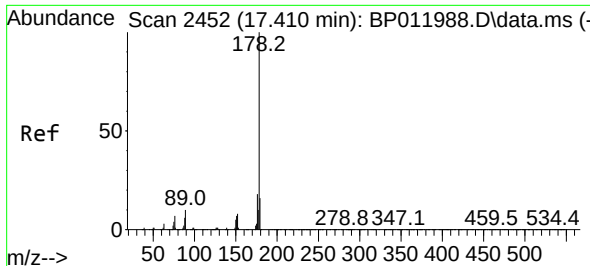
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022



#72
Phenanthrene
Concen: 11.918 ng/ul
RT: 17.328 min Scan# 2438
Delta R.T. 0.006 min
Lab File: BP012000.D
Acq: 07 Oct 2022 08:52

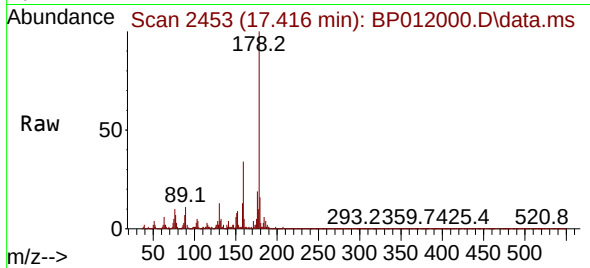
Tgt Ion:178 Resp: 858616
Ion Ratio Lower Upper
178 100
179 15.2 12.5 18.7
176 19.8 15.4 23.2





#74
 Anthracene
 Concen: 8.457 ng/ul
 RT: 17.416 min Scan# 2452
 Delta R.T. 0.006 min
 Lab File: BP012000.D
 Acq: 07 Oct 2022 08:52

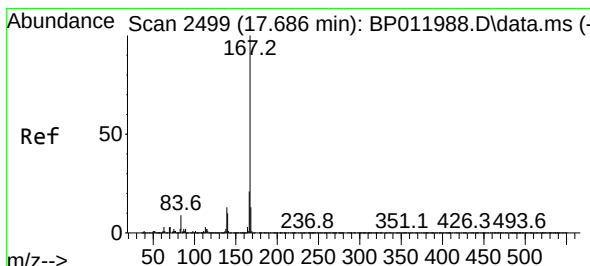
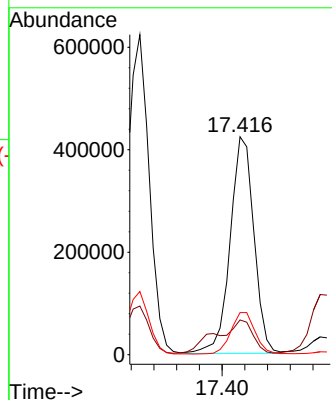
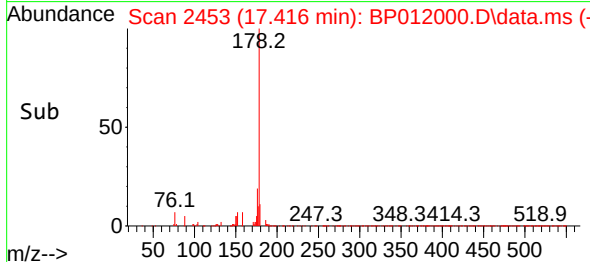
Instrument :
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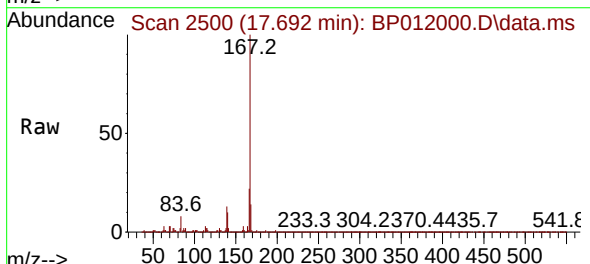
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 Ion Ratio Lower Upper
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 179 15.9 12.3 18.5
 176 19.3 15.4 23.2

Manual Integrations
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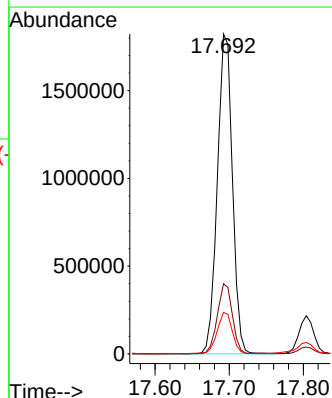
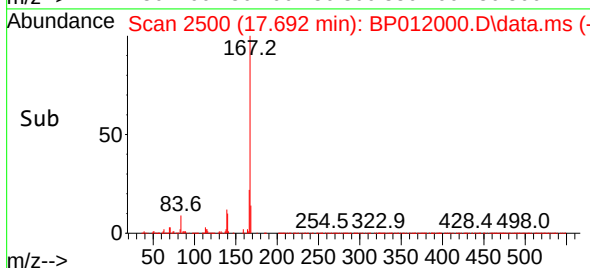
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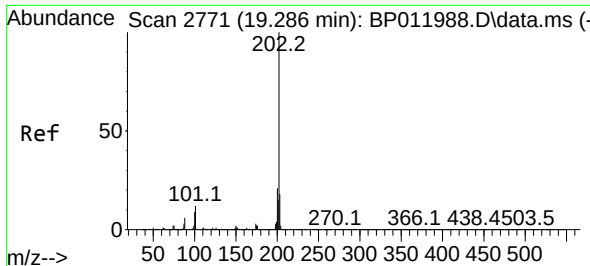


#77
 Carbazole
 Concen: 39.288 ng/ul
 RT: 17.692 min Scan# 2500
 Delta R.T. 0.006 min
 Lab File: BP012000.D
 Acq: 07 Oct 2022 08:52



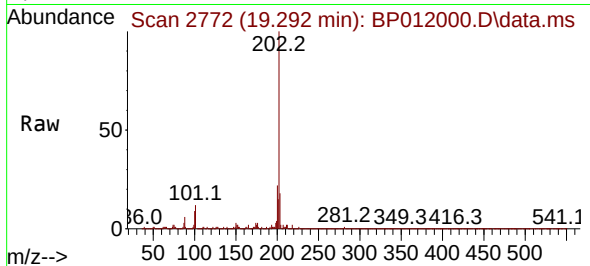
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 Ion Ratio Lower Upper
 167 100
 166 21.9 17.1 25.7
 139 13.0 10.1 15.1





#80
Fluoranthene
Concen: 11.304 ng/u1
RT: 19.292 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP012000.D
Acq: 07 Oct 2022 08:52

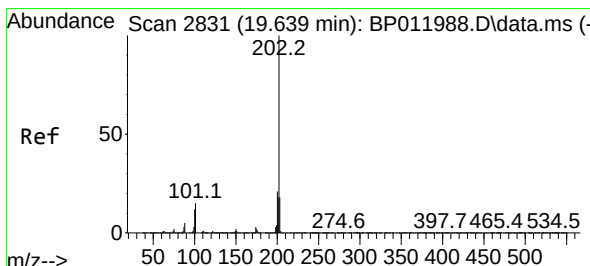
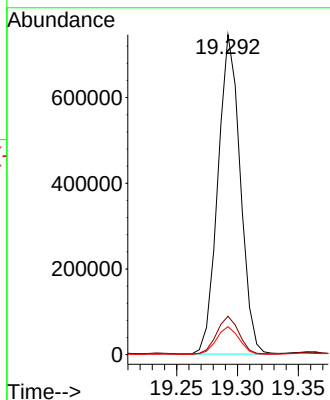
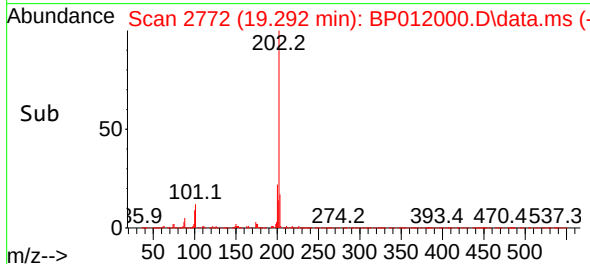
Instrument :
BNA_P
ClientSampleId :
E10036



Tgt Ion:202 Resp: 952148
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.6
100 8.8 7.4 11.0

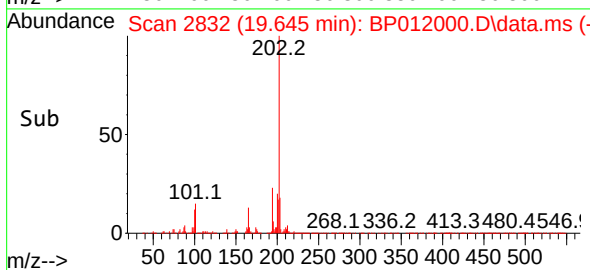
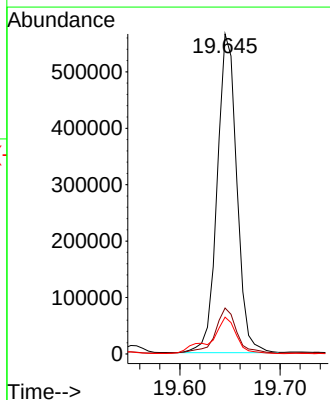
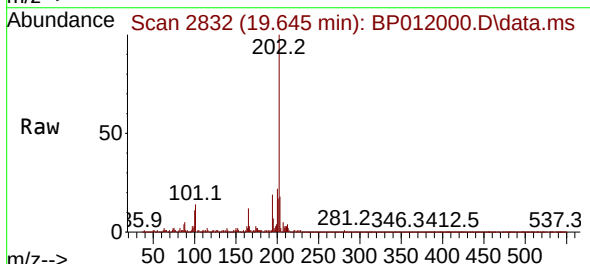
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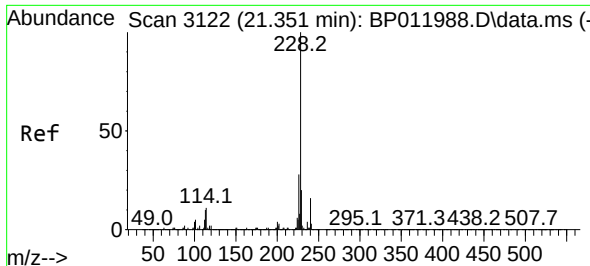
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022



#82
Pyrene
Concen: 8.740 ng/u1
RT: 19.645 min Scan# 2832
Delta R.T. 0.006 min
Lab File: BP012000.D
Acq: 07 Oct 2022 08:52

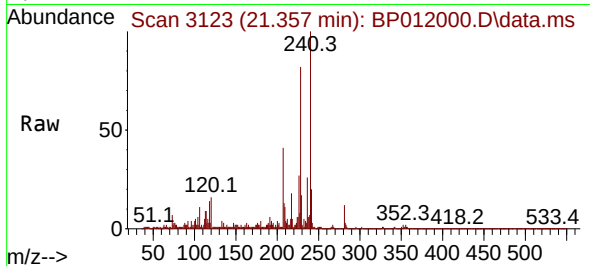
Tgt Ion:202 Resp: 766438
Ion Ratio Lower Upper
202 100
101 14.4 11.6 17.4
100 11.5 9.4 14.0





#85
Benzo(a)anthracene
Concen: 3.427 ng/ul
RT: 21.357 min Scan# 3122
Delta R.T. 0.006 min
Lab File: BP012000.D
Acq: 07 Oct 2022 08:52

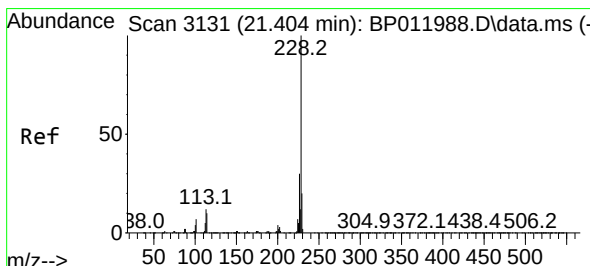
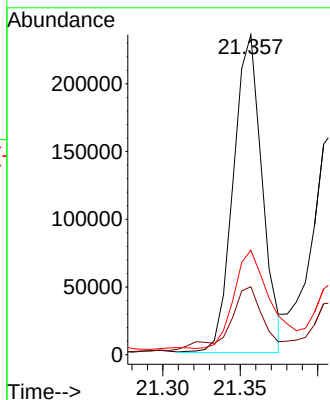
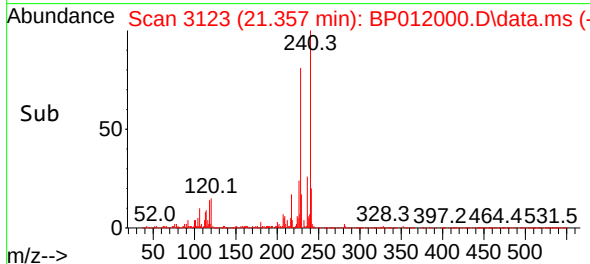
Instrument :
BNA_P
ClientSampleId :
E10036



Tgt Ion:228 Resp: 304560
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.6
226 32.6 22.0 33.0

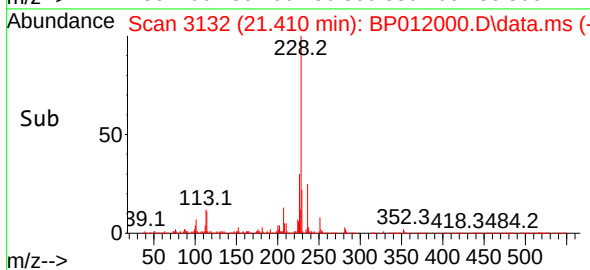
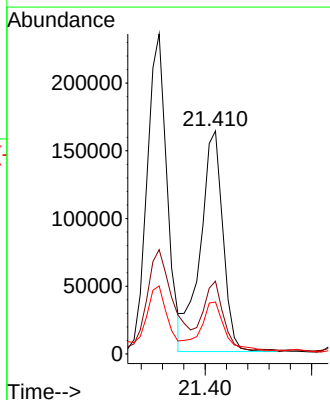
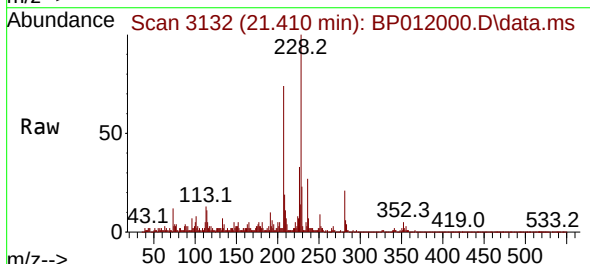
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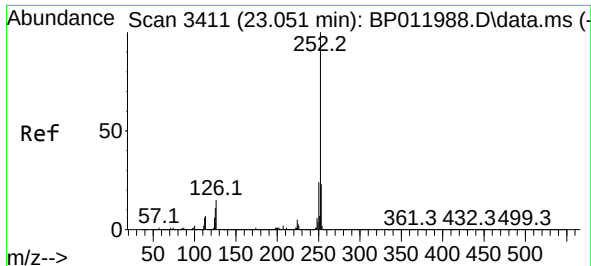
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022



#87
Chrysene
Concen: 2.884 ng/ul
RT: 21.410 min Scan# 3132
Delta R.T. 0.006 min
Lab File: BP012000.D
Acq: 07 Oct 2022 08:52

Tgt Ion:228 Resp: 240508
Ion Ratio Lower Upper
228 100
226 32.6 25.3 37.9
229 23.3 16.2 24.2





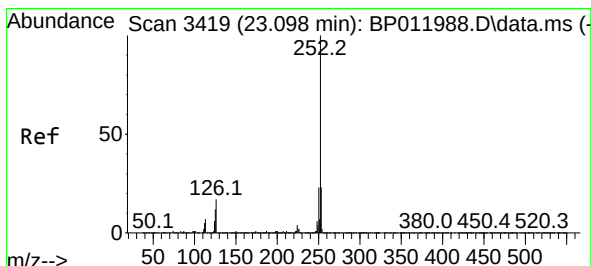
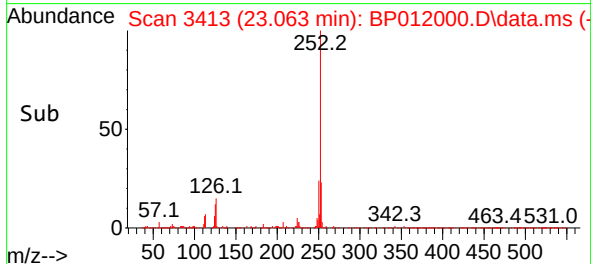
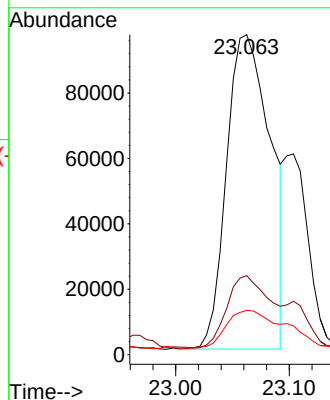
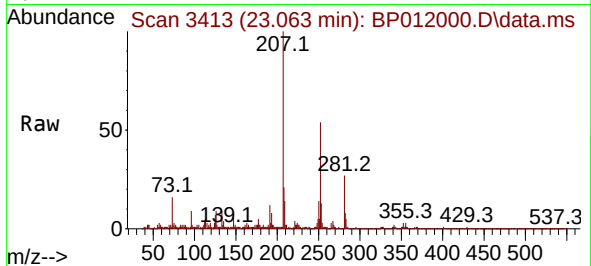
#90
Benzo(b)fluoranthene
Concen: 2.798 ng/ul
RT: 23.063 min Scan# 3411
Delta R.T. 0.012 min
Lab File: BP012000.D
Acq: 07 Oct 2022 08:52

Instrument :
BNA_P
ClientSampleId :
E10036

Tgt Ion:252 Resp: 25886
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.8
125 13.9 9.2 13.8

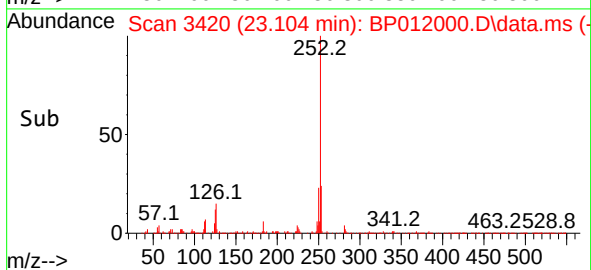
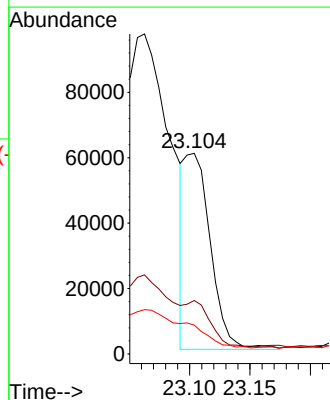
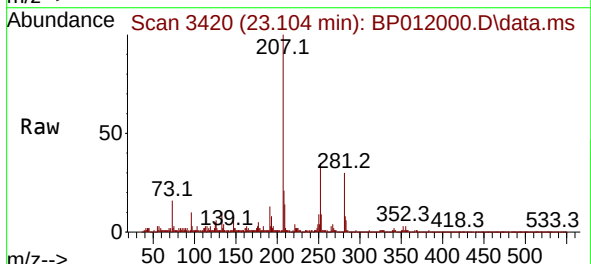
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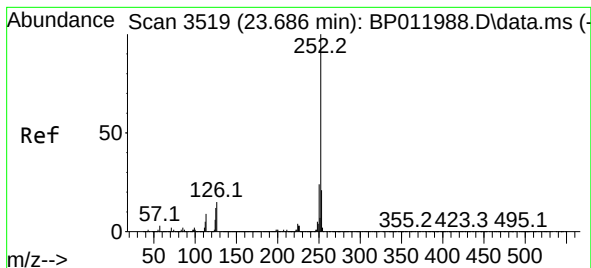
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022



#91
Benzo(k)fluoranthene
Concen: 1.000 ng/ul m
RT: 23.104 min Scan# 3420
Delta R.T. 0.006 min
Lab File: BP012000.D
Acq: 07 Oct 2022 08:52

Tgt Ion:252 Resp: 89098
Ion Ratio Lower Upper
252 100
253 26.6 18.0 27.0
125 14.3 9.2 13.8





#93

Benzo(a)pyrene

Concen: 2.704 ng/ul

RT: 23.692 min Scan# 3519

Delta R.T. 0.006 min

Lab File: BP012000.D

Acq: 07 Oct 2022 08:52

Instrument :

BNA_P

ClientSampleId :

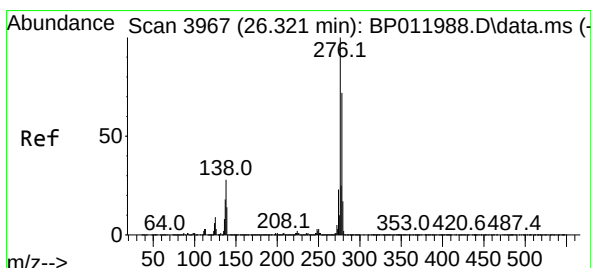
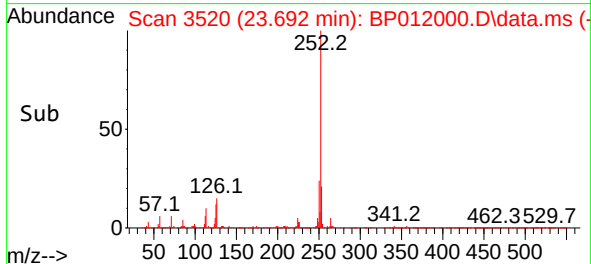
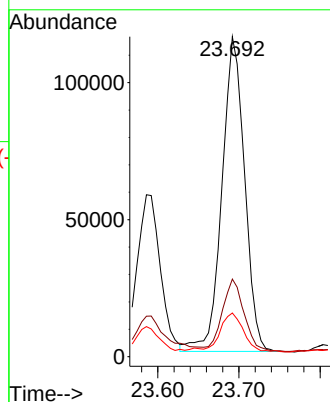
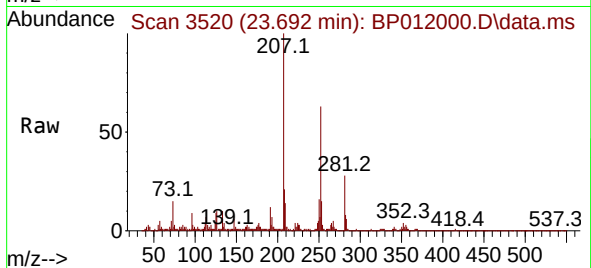
E10036

Tgt Ion:	252	Resp:	223300
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.7	26.5
125	13.7	9.8	14.8

Manual Integrations

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.068 ng/ul

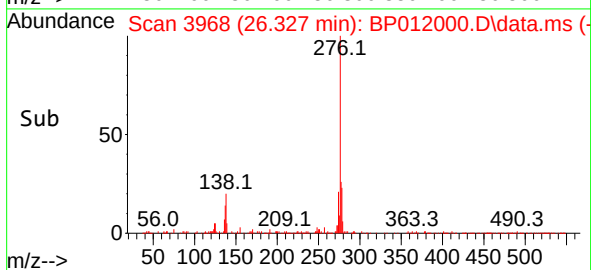
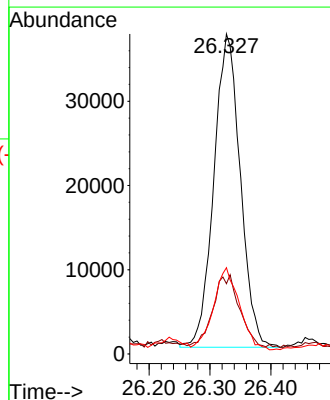
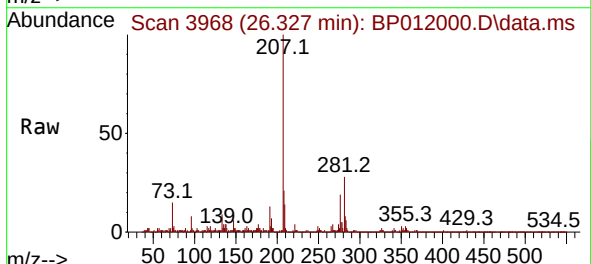
RT: 26.327 min Scan# 3968

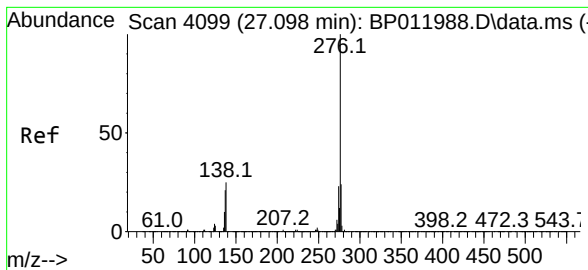
Delta R.T. 0.006 min

Lab File: BP012000.D

Acq: 07 Oct 2022 08:52

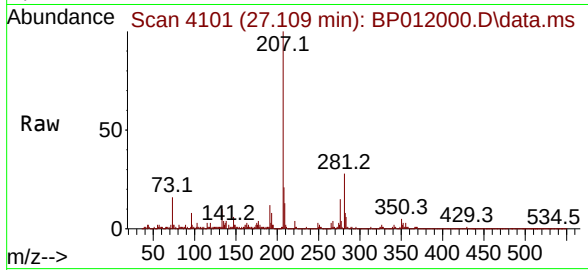
Tgt Ion:	276	Resp:	112201
Ion Ratio	Lower	Upper	
276	100		
138	22.0	21.4	32.0
277	26.9	19.9	29.9





#96
 Benzo(g,h,i)perylene
 Concen: 1.041 ng/ul
 RT: 27.109 min Scan# 4101
 Delta R.T. 0.012 min
 Lab File: BP012000.D
 Acq: 07 Oct 2022 08:52

Instrument :
 BNA_P
 ClientSampleId :
 E10036



Tgt Ion: 276 Resp: 97029

Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.8	29.6
277	24.3	18.6	27.8

Manual Integrations
 APPROVED

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

