

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
 Data File : BP014833.D
 Acq On : 26 Apr 2023 11:02
 Operator : CG/JU
 Sample : 02418-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW8Z5

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/27/2023
 Supervised By : Jagrut Upadhyay 04/27/2023

Quant Time: Apr 26 22:48:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 26 02:53:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	287724	20.000	ng/u1	0.00
20) Naphthalene-d8	11.034	136	1257840	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.828	164	778003	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.581	188	1632366	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	1077410	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1019196	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.505	96	18183	2.485	ng/uL	0.00
4) Pyridine-d5	3.969	84	8737	0.412	ng/u1	0.03
7) Phenol-d5	7.334	99	363788	13.908	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	270051	17.181	ng/u1	0.00
11) 2-Chlorophenol-d4	7.722	132	313415	16.228	ng/u1	0.00
15) 4-Methylphenol-d8	8.899	113	250818	11.939	ng/u1	0.00
21) Nitrobenzene-d5	9.375	128	160588	17.055	ng/u1	0.00
24) 2-Nitrophenol-d4	10.104	143	167501	17.308	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.640	165	340174	16.911	ng/u1	0.00
31) 4-Chloroaniline-d4	11.163	131	139914	4.847	ng/u1	0.00
46) Dimethylphthalate-d6	14.228	166	1148241	19.020	ng/u1	0.00
49) Acenaphthylene-d8	14.522	160	1327557	19.182	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	104589	9.510	ng/u1	0.00
60) Fluorene-d10	15.816	176	1007853	19.610	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.928	200	82842	9.146	ng/u1	0.00
73) Anthracene-d10	17.675	188	1543351	20.135	ng/u1	0.00
81) Pyrene-d10	19.892	212	1635687	24.971	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.086	264	1091678	20.661	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.369	94	34519	1.269	ng/u1	99
16) Acetophenone	9.028	105	221531	6.741	ng/u1	97
30) Naphthalene	11.081	128	97564	1.402	ng/u1	100
36) 2-Methylnaphthalene	12.675	142	51590	1.092	ng/u1	99
37) 1-Methylnaphthalene	12.893	142	53354	1.133	ng/u1	97
50) Acenaphthylene	14.551	152	179628	2.403	ng/u1	98
52) Acenaphthene	14.892	153	159230	3.099	ng/u1	99
56) Dibenzofuran	15.222	168	175947	2.432	ng/u1	99
61) Fluorene	15.875	166	234931	4.116	ng/u1	99
72) Phenanthrene	17.622	178	4406656	49.296	ng/u1	99
74) Anthracene	17.710	178	694150	7.702	ng/u1	98
77) Carbazole	17.969	167	447703	5.836	ng/u1	99
80) Fluoranthene	19.569	202	5822528	75.424	ng/u1	99
82) Pyrene	19.922	202	5146943	64.465	ng/u1	99
83) Butylbenzylphthalate	20.769	149	239689	8.947	ng/u1	96
85) Benzo(a)anthracene	21.633	228	2041601	27.239	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.539	149	6241672	156.954	ng/u1#	97
87) Chrysene	21.692	228	2180290	30.685	ng/u1	98
90) Benzo(b)fluoranthene	23.457	252	2549291	36.523	ng/u1	98
91) Benzo(k)fluoranthene	23.498	252	884051m	13.059	ng/u1	
93) Benzo(a)pyrene	24.139	252	1661807	28.109	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.009	276	1212153	18.182	ng/u1	97
95) Dibenzo(a,h)anthracene	27.015	278	302353	5.438	ng/u1#	82
96) Benzo(g,h,i)perylene	27.862	276	1023979	19.387	ng/u1	98

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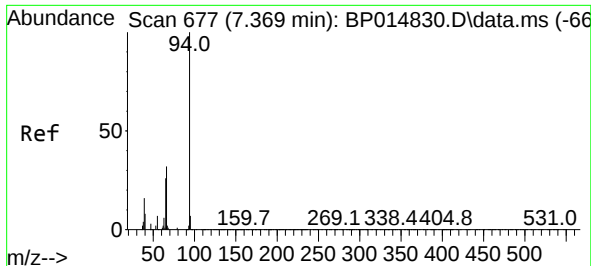
Manual Integrations
APPROVED

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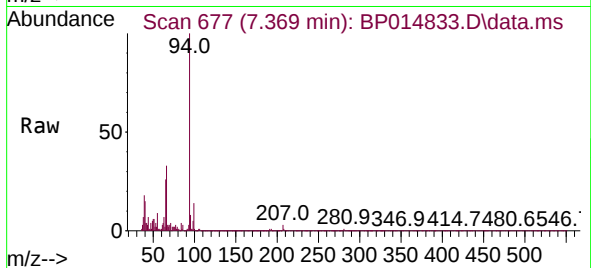
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#8
Phenol
Concen: 1.269 ng/ul
RT: 7.369 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

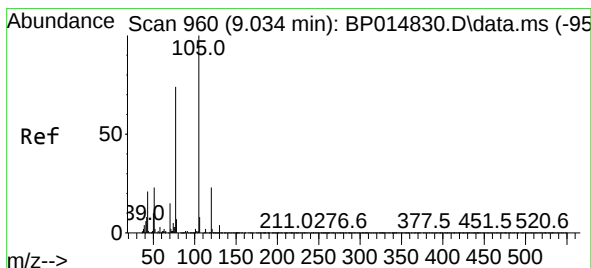
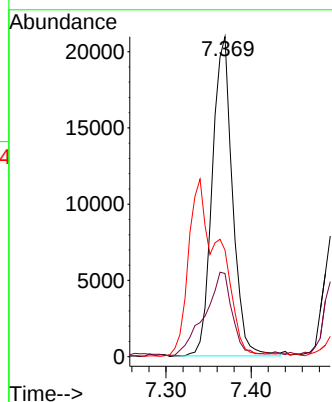
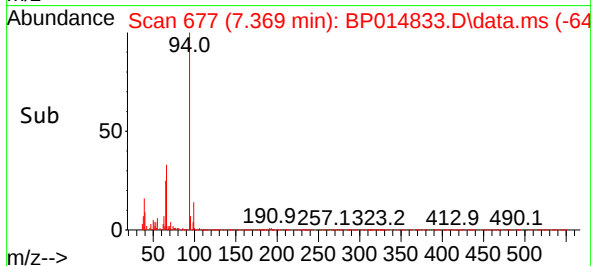
Instrument :
BNA_P
ClientSampleId :
EW8Z5



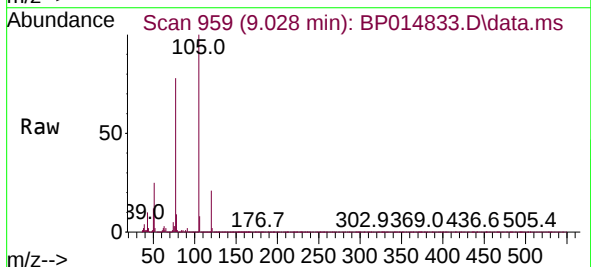
Tgt Ion: 94 Resp: 34519
Ion Ratio Lower Upper
94 100
65 26.0 21.0 31.6
66 33.3 27.0 40.6

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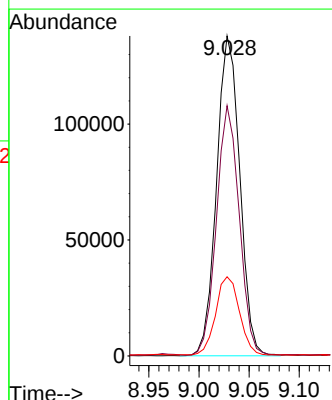
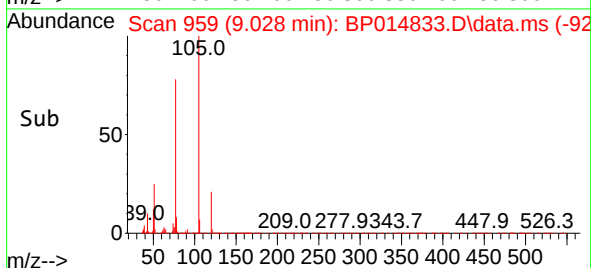
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

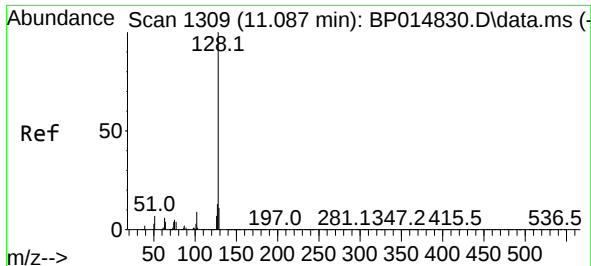


#16
Acetophenone
Concen: 6.741 ng/ul
RT: 9.028 min Scan# 959
Delta R.T. -0.006 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02



Tgt Ion:105 Resp: 221531
Ion Ratio Lower Upper
105 100
77 78.2 59.8 89.8
51 24.7 19.6 29.4





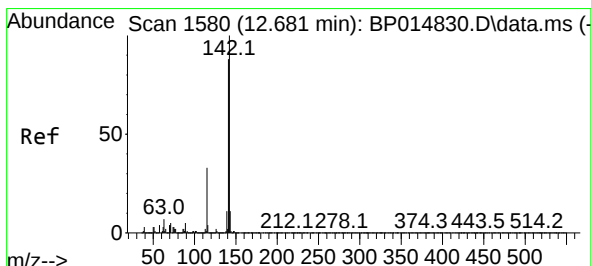
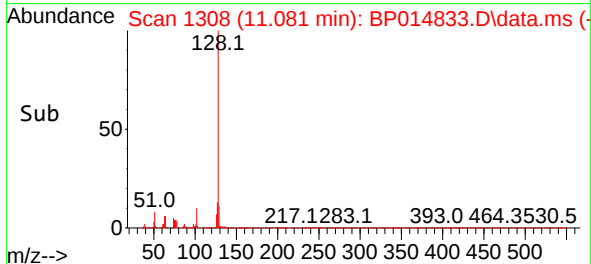
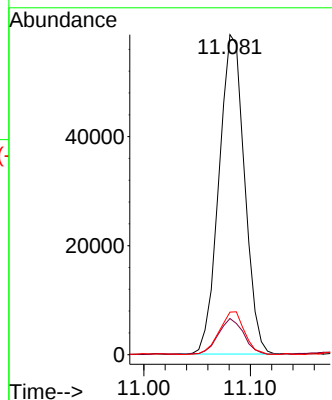
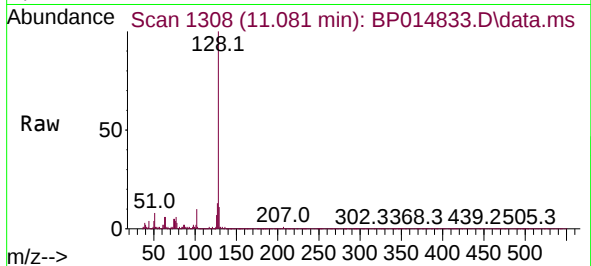
#30
Naphthalene
Concen: 1.402 ng/ul
RT: 11.081 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Instrument :
BNA_P
ClientSampleId :
EW8Z5

Tgt Ion:128 Resp: 97564
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.3 10.6 16.0

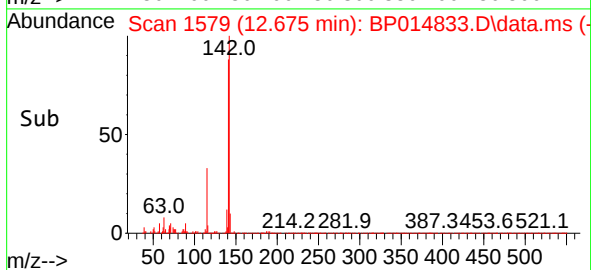
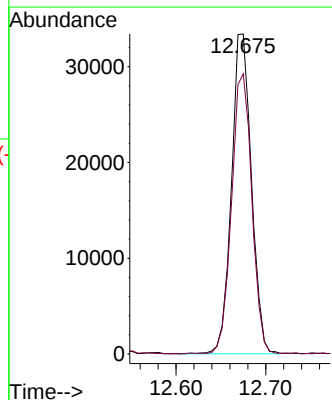
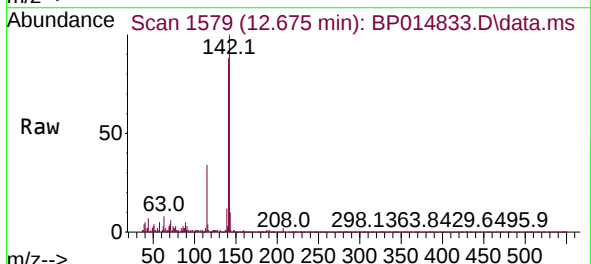
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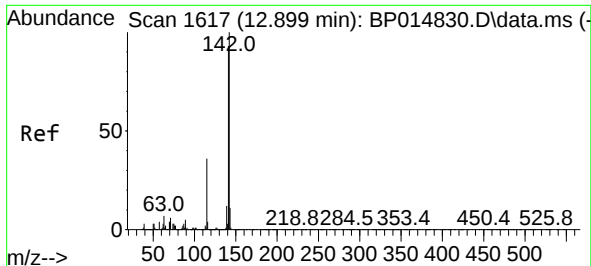
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#36
2-Methylnaphthalene
Concen: 1.092 ng/ul
RT: 12.675 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Tgt Ion:142 Resp: 51590
Ion Ratio Lower Upper
142 100
141 87.6 70.6 106.0





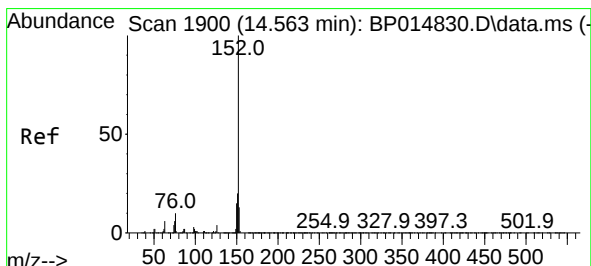
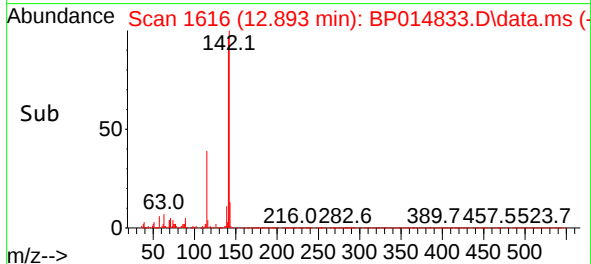
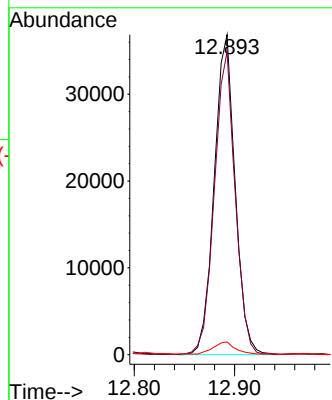
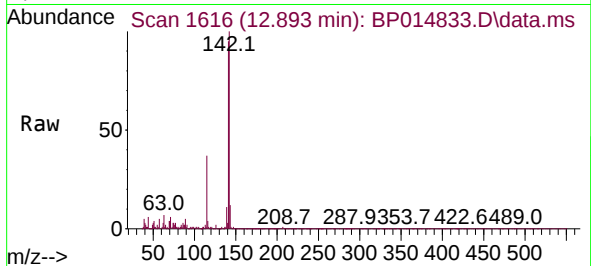
#37
1-Methylnaphthalene
Concen: 1.133 ng/ul
RT: 12.893 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Instrument :
BNA_P
ClientSampleId :
EW8Z5

Tgt Ion:142 Resp: 53354
Ion Ratio Lower Upper
142 100
141 94.8 73.7 110.5
116 4.0 3.0 4.4

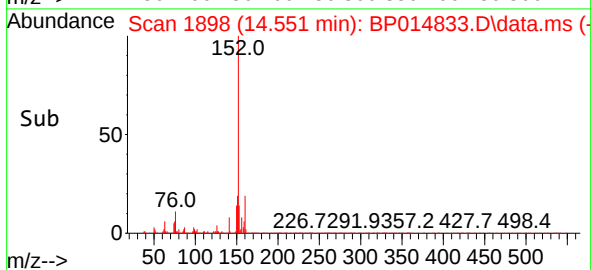
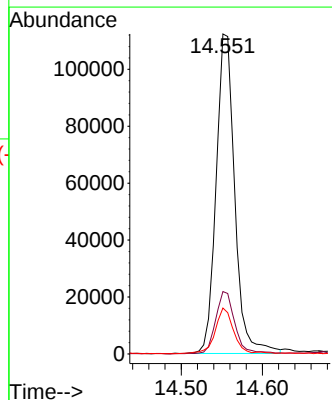
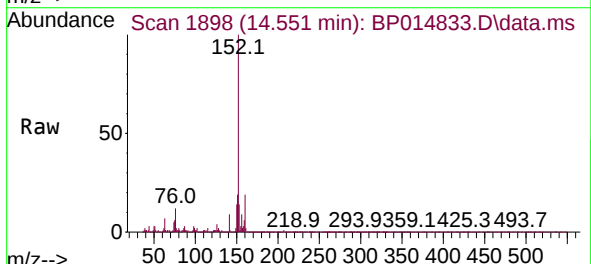
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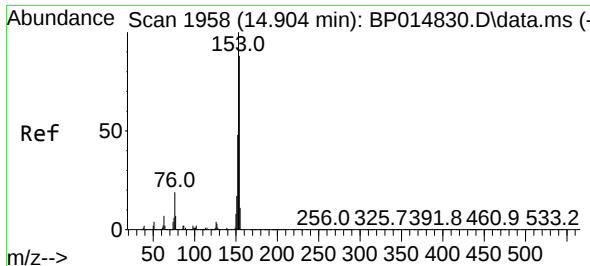
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#50
Acenaphthylene
Concen: 2.403 ng/ul
RT: 14.551 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

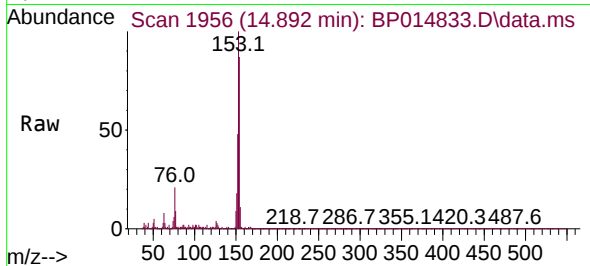
Tgt Ion:152 Resp: 179628
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 14.4 10.4 15.6





#52
Acenaphthene
Concen: 3.099 ng/u1
RT: 14.892 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

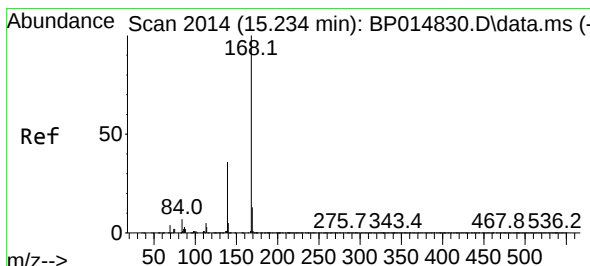
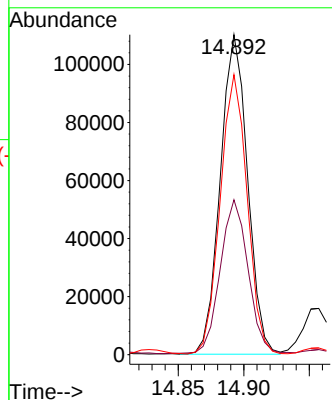
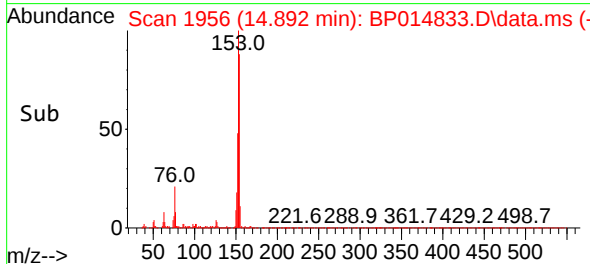
Instrument :
BNA_P
ClientSampleId :
EW8Z5



Tgt Ion:153 Resp: 159230
Ion Ratio Lower Upper
153 100
152 48.4 38.2 57.4
154 87.5 71.0 106.4

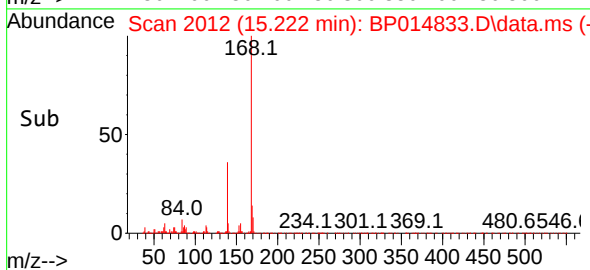
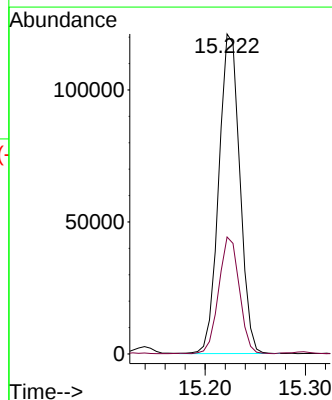
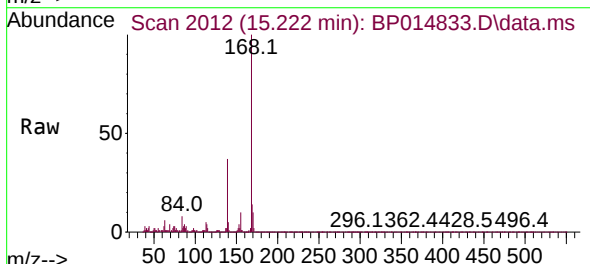
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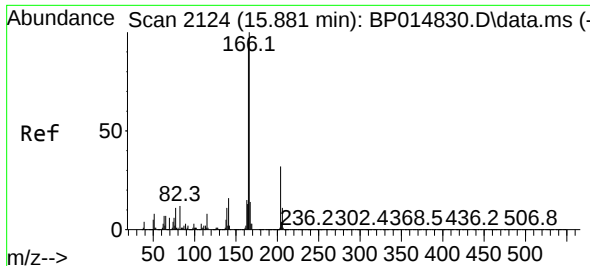
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#56
Dibenzofuran
Concen: 2.432 ng/u1
RT: 15.222 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Tgt Ion:168 Resp: 175947
Ion Ratio Lower Upper
168 100
139 36.6 28.7 43.1





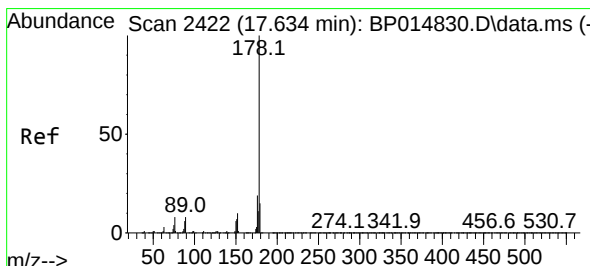
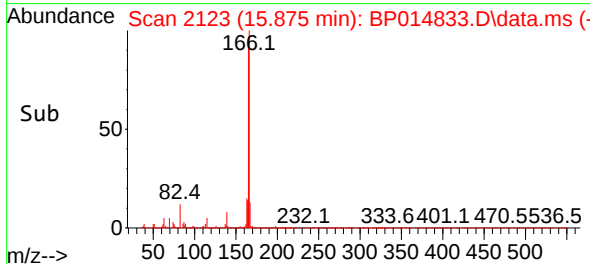
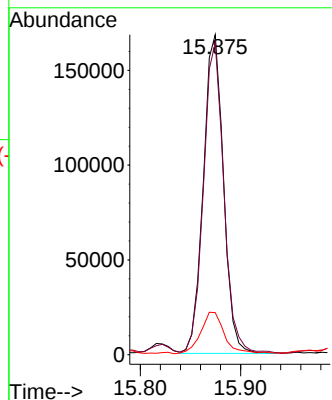
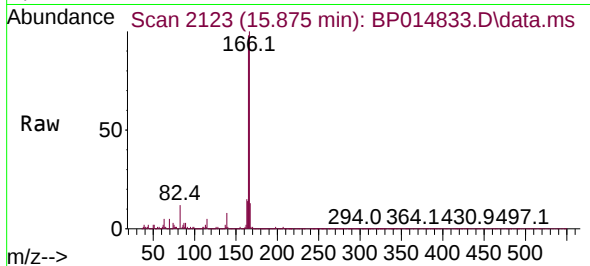
#61
Fluorene
Concen: 4.116 ng/ul
RT: 15.875 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Instrument :
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ClientSampleId :
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Tgt Ion:166 Resp: 23493
Ion Ratio Lower Upper
166 100
165 97.5 79.1 118.7
167 13.1 10.7 16.1

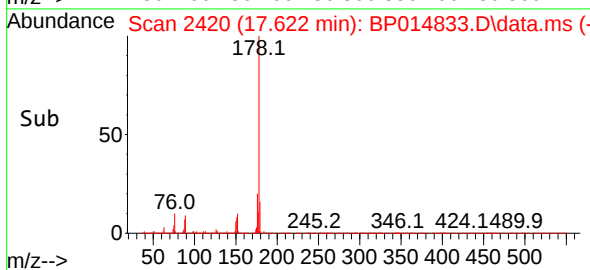
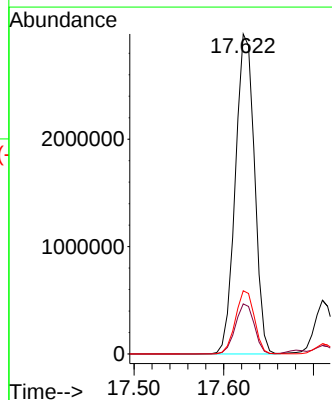
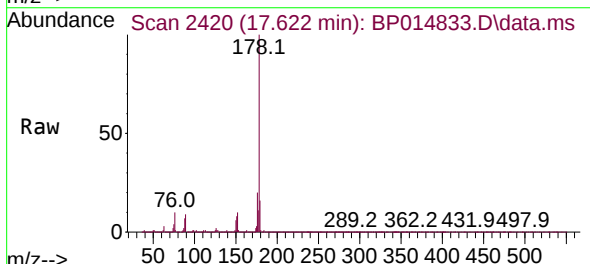
Manual Integrations
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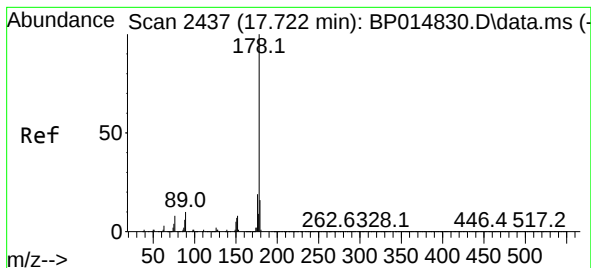
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#72
Phenanthrene
Concen: 49.296 ng/ul
RT: 17.622 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Tgt Ion:178 Resp: 4406656
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 19.7 15.7 23.5





#74

Anthracene

Concen: 7.702 ng/ul

RT: 17.710 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BP014833.D

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BNA_P

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EW8Z5

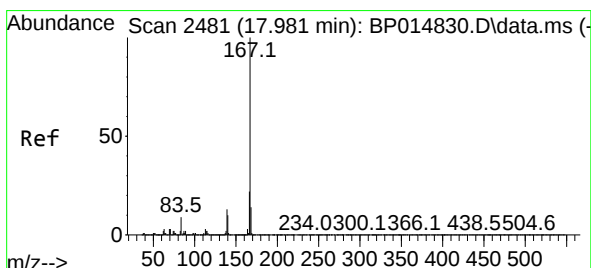
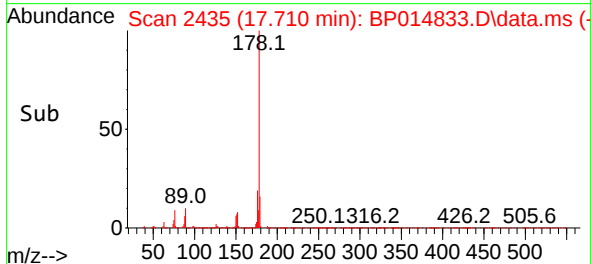
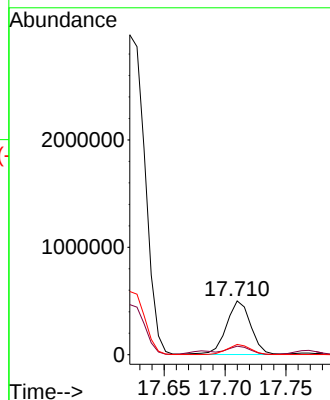
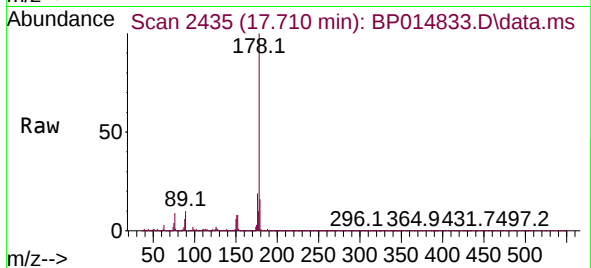
Tgt Ion:178 Resp: 694150
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.1 18.1
 176 19.1 14.9 22.3

Manual Integrations

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Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#77

Carbazole

Concen: 5.836 ng/ul

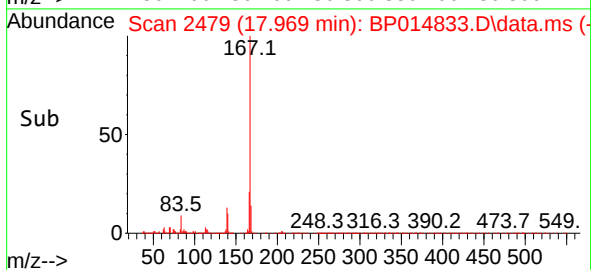
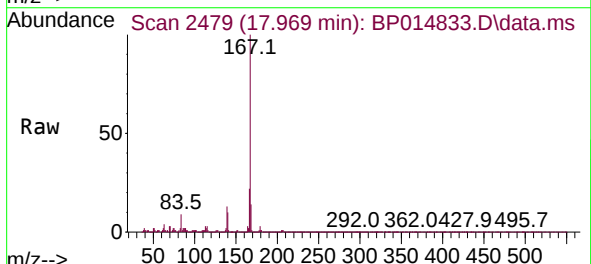
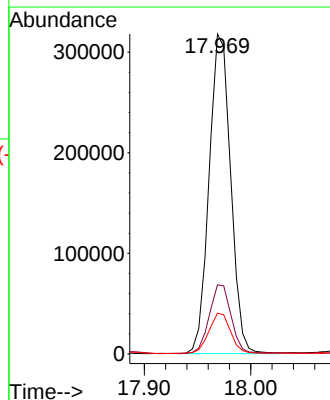
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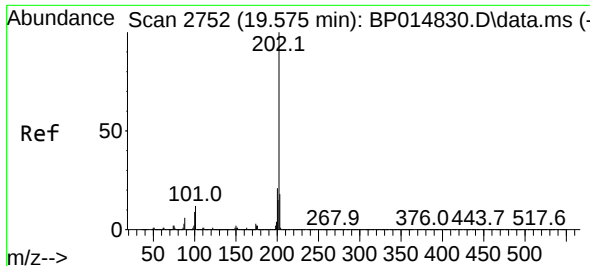
Delta R.T. -0.006 min

Lab File: BP014833.D

Acq: 26 Apr 2023 11:02

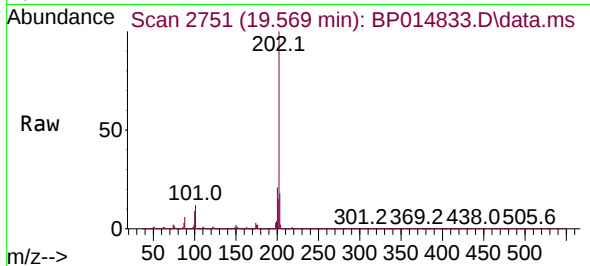
Tgt Ion:167 Resp: 447703
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.7 9.8 14.8





#80
Fluoranthene
Concen: 75.424 ng/u1
RT: 19.569 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

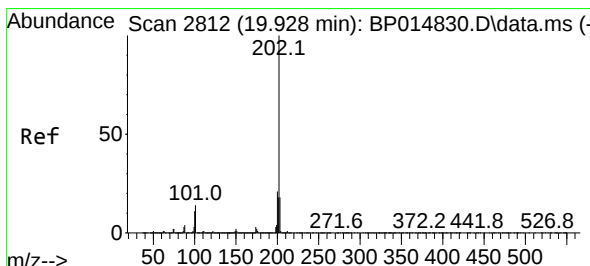
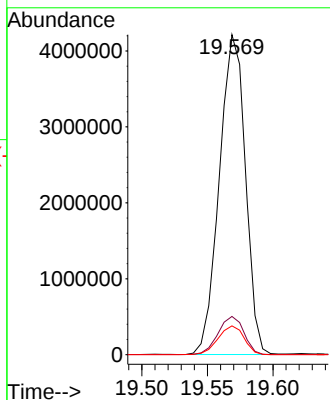
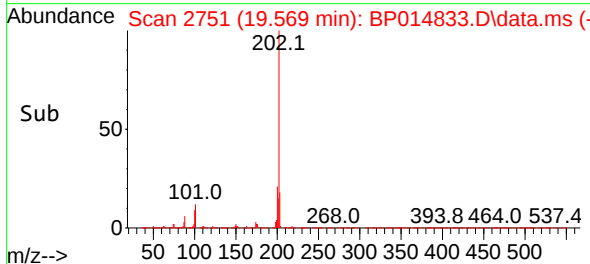
Instrument :
BNA_P
ClientSampleId :
EW8Z5



Tgt Ion:202 Resp: 5822528
Ion Ratio Lower Upper
202 100
101 12.0 9.1 13.7
100 9.0 7.0 10.4

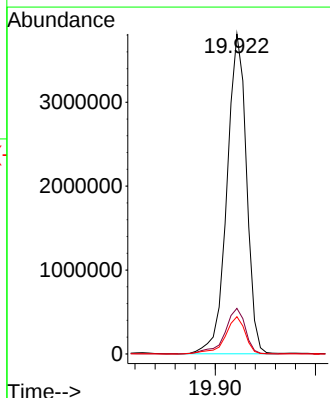
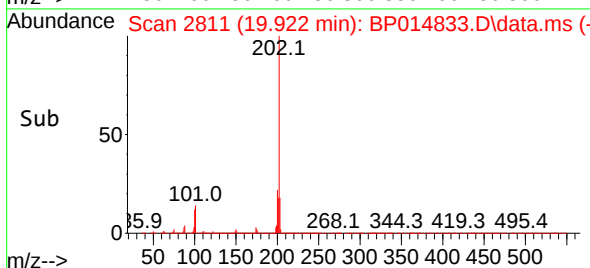
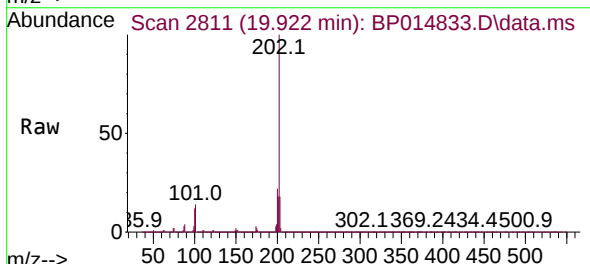
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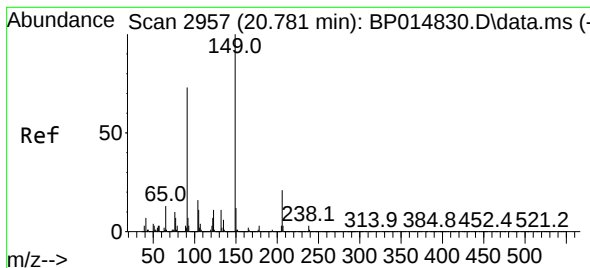
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#82
Pyrene
Concen: 64.465 ng/u1
RT: 19.922 min Scan# 2811
Delta R.T. -0.000 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Tgt Ion:202 Resp: 5146943
Ion Ratio Lower Upper
202 100
101 14.3 11.1 16.7
100 11.6 9.0 13.6





#83

Butylbenzylphthalate

Concen: 8.947 ng/ul

RT: 20.769 min Scan# 2957

Delta R.T. -0.006 min

Lab File: BP014833.D

Acq: 26 Apr 2023 11:02

Instrument :

BNA_P

ClientSampleId :

EW8Z5

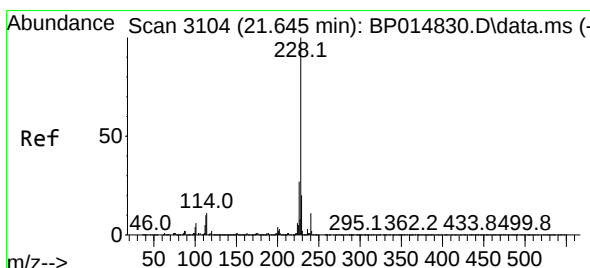
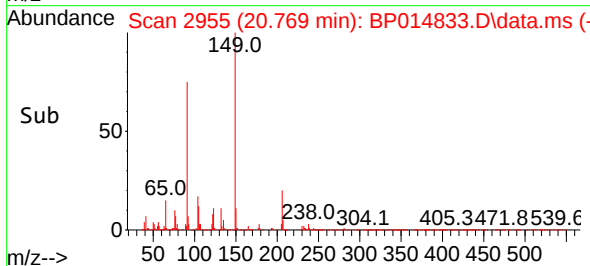
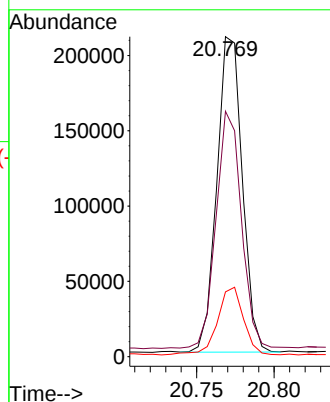
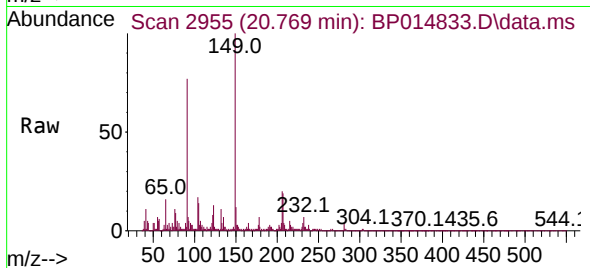
Tgt Ion:	149	Resp:	239689
Ion Ratio	Lower	Upper	
149	100		
91	76.7	58.5	87.7
206	20.3	16.7	25.1

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Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#85

Benzo(a)anthracene

Concen: 27.239 ng/ul

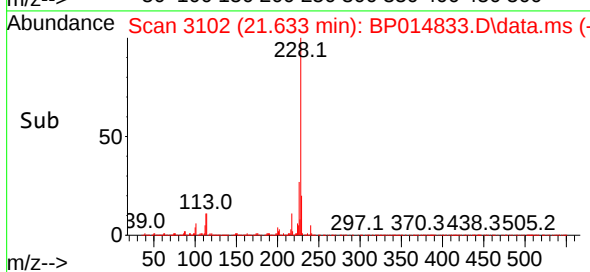
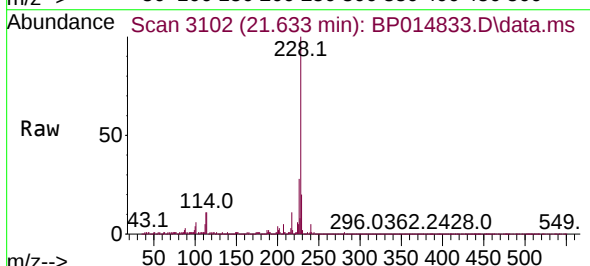
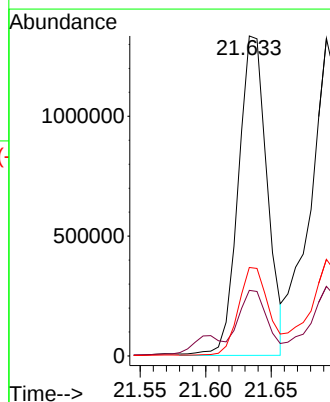
RT: 21.633 min Scan# 3102

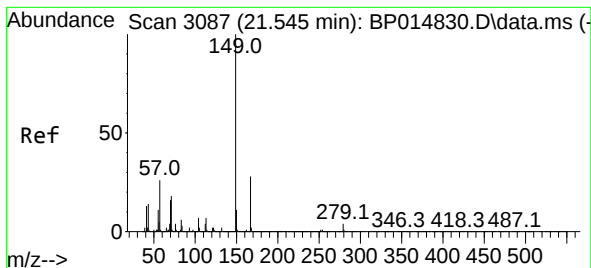
Delta R.T. -0.006 min

Lab File: BP014833.D

Acq: 26 Apr 2023 11:02

Tgt Ion:	228	Resp:	2041601
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.7	23.5
226	27.7	22.0	33.0





#86

Bis(2-ethylhexyl)phthalate

Concen: 156.954 ng/ul

RT: 21.539 min Scan# 3087

Delta R.T. -0.000 min

Lab File: BP014833.D

Acq: 26 Apr 2023 11:02

Instrument :

BNA_P

ClientSampleId :

EW8Z5

Tgt Ion:149 Resp: 624167

Ion Ratio Lower Upper

149 100

167 28.4 21.8 32.6

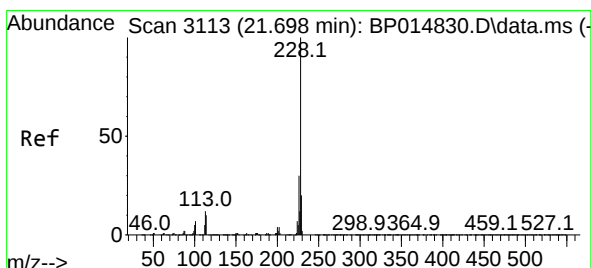
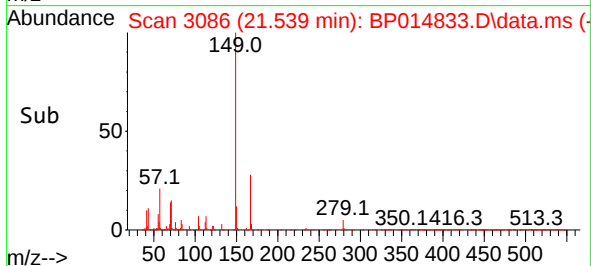
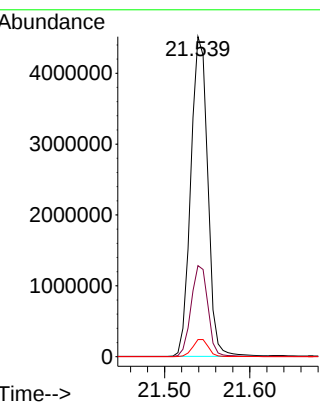
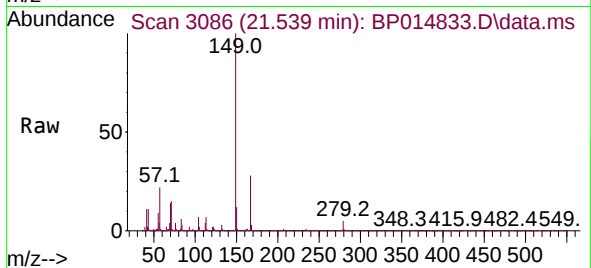
279 5.3 3.4 5.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#87

Chrysene

Concen: 30.685 ng/ul

RT: 21.692 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BP014833.D

Acq: 26 Apr 2023 11:02

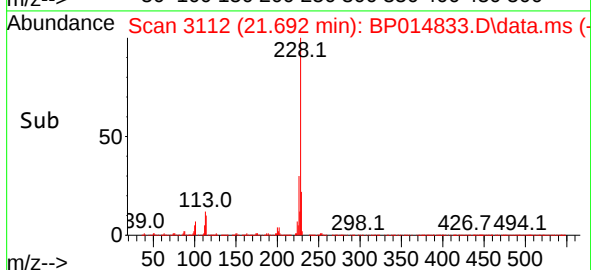
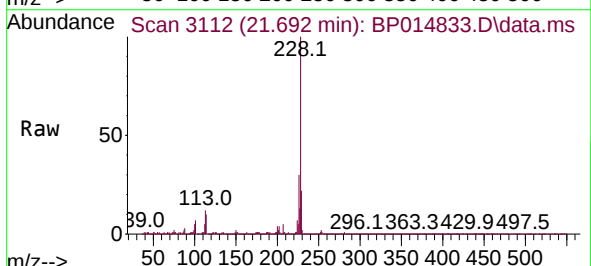
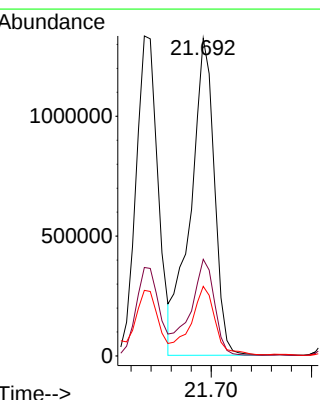
Tgt Ion:228 Resp: 2180290

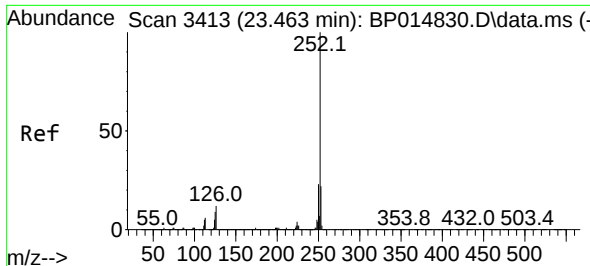
Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

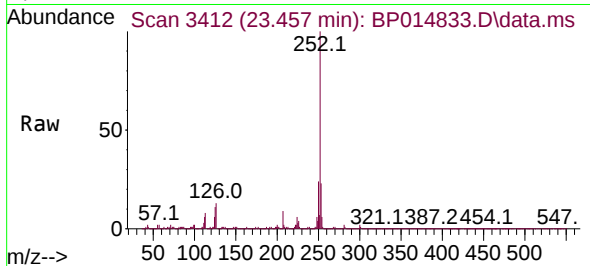
229 21.9 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 36.523 ng/ul
RT: 23.457 min Scan# 3412
Delta R.T. 0.006 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

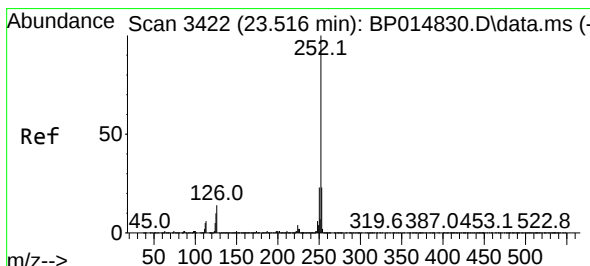
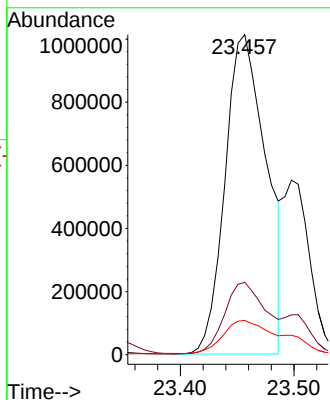
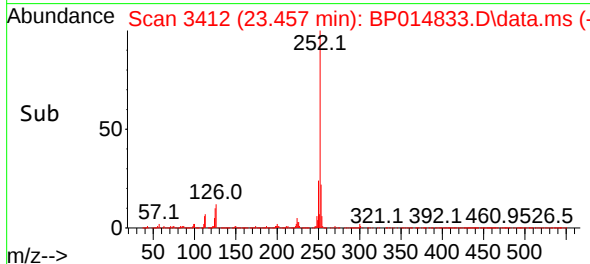
Instrument :
BNA_P
ClientSampleId :
EW8Z5



Tgt Ion:252 Resp: 254929
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 10.7 7.8 11.8

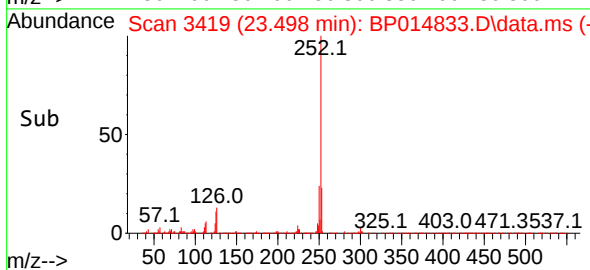
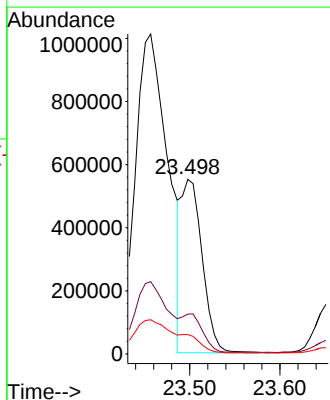
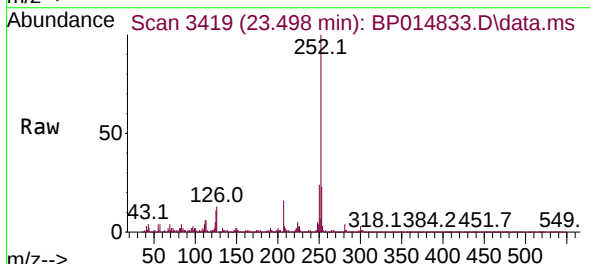
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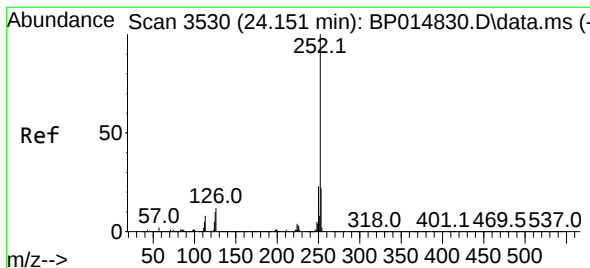
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#91
Benzo(k)fluoranthene
Concen: 13.059 ng/ul m
RT: 23.498 min Scan# 3419
Delta R.T. -0.006 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Tgt Ion:252 Resp: 884051
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 11.1 7.9 11.9





#93

Benzo(a)pyrene

Concen: 28.109 ng/ul

RT: 24.139 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP014833.D

Acq: 26 Apr 2023 11:02

Instrument :

BNA_P

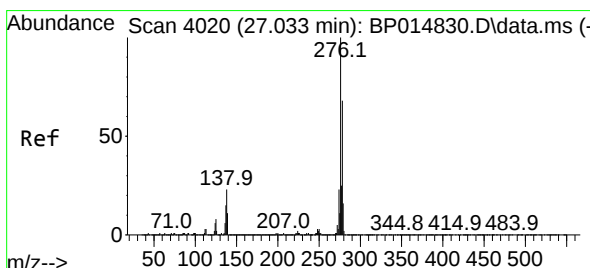
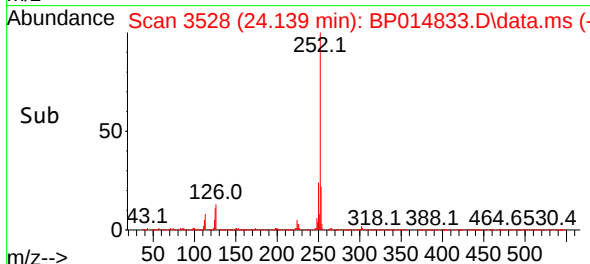
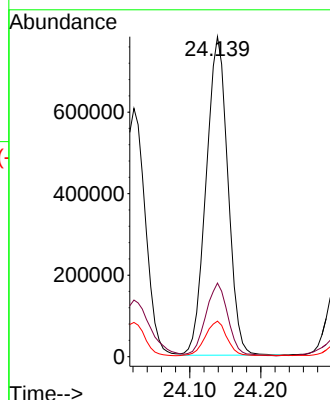
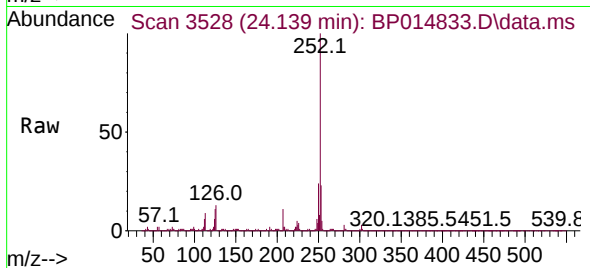
ClientSampleId :

EW8Z5

Tgt Ion:252 Resp: 166180
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.5 26.3
 125 11.1 8.6 12.8

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Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.182 ng/ul

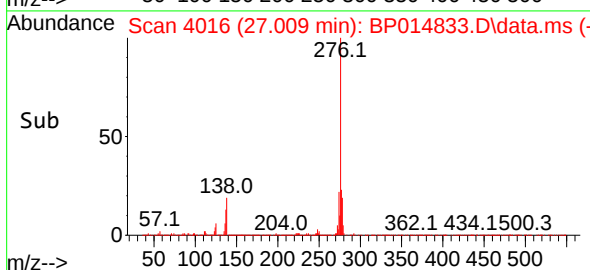
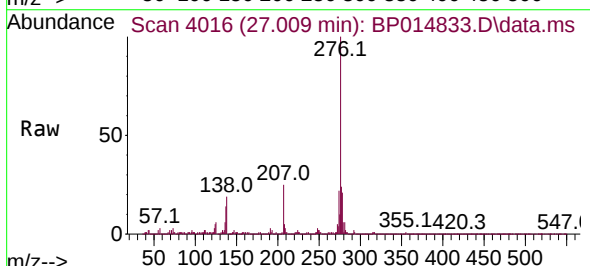
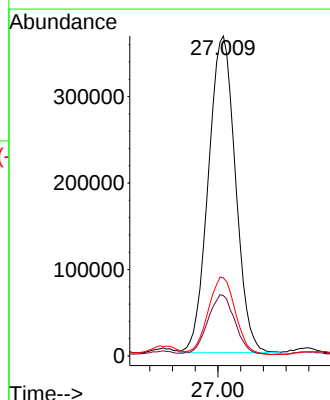
RT: 27.009 min Scan# 4016

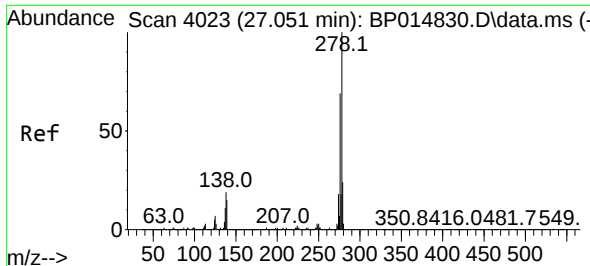
Delta R.T. -0.006 min

Lab File: BP014833.D

Acq: 26 Apr 2023 11:02

Tgt Ion:276 Resp: 1212153
 Ion Ratio Lower Upper
 276 100
 138 18.9 17.7 26.5
 277 24.4 19.6 29.4





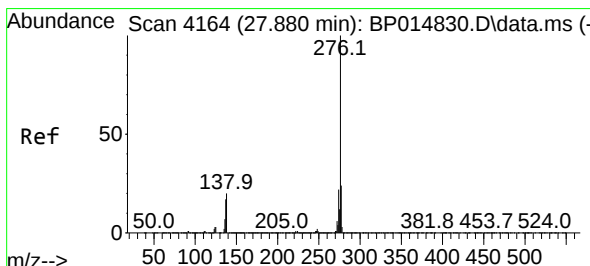
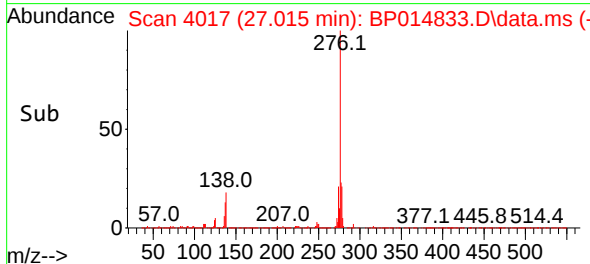
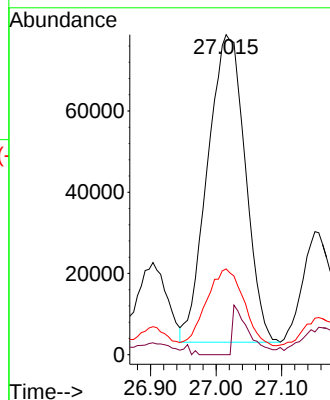
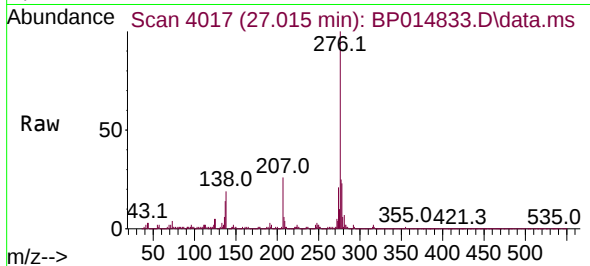
#95
Dibenzo(a,h)anthracene
Concen: 5.438 ng/ul
RT: 27.015 min Scan# 4023
Delta R.T. -0.018 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Instrument :
BNA_P
ClientSampleId :
EW8Z5

Tgt Ion:278 Resp: 30235
Ion Ratio Lower Upper
278 100
139 0.0 12.0 18.0
279 26.8 18.9 28.3

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Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#96
Benzo(g,h,i)perylene
Concen: 19.387 ng/ul
RT: 27.862 min Scan# 4161
Delta R.T. -0.000 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Tgt Ion:276 Resp: 1023979
Ion Ratio Lower Upper
276 100
138 18.9 16.2 24.2
277 24.1 18.9 28.3

