

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
 Data File : BP051923.D
 Acq On : 19 May 2023 18:43
 Operator : CG/JU
 Sample : 02664-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JREB2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/22/2023
 Supervised By : Jagrut Upadhyay 05/22/2023

Quant Time: May 19 23:01:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 01:07:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	331242	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1434036	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	870017	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1843869	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1250052	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1258685	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	20911	2.453	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	7.281	99	739902	24.058	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	439462	24.741	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	576916	25.513	ng/u1	0.00
15) 4-Methylphenol-d8	8.840	113	549224	22.411	ng/u1	0.00
21) Nitrobenzene-d5	9.304	128	295625	26.234	ng/u1	0.00
24) 2-Nitrophenol-d4	10.034	143	331253	26.419	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	604585	26.722	ng/u1	0.00
31) 4-Chloroaniline-d4	11.093	131	463087	13.834	ng/u1	0.00
46) Dimethylphthalate-d6	14.169	166	1861514	28.315	ng/u1	0.00
49) Acenaphthylene-d8	14.463	160	2209314	29.383	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	288351	22.587	ng/u1	0.00
60) Fluorene-d10	15.757	176	1606179	28.953	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	156397	13.459	ng/u1	0.00
73) Anthracene-d10	17.616	188	2447274	28.985	ng/u1	0.00
81) Pyrene-d10	19.839	212	2525447	34.833	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.998	264	1875153	30.011	ng/u1	0.00
Target Compounds					Qvalue	
6) Benzaldehyde	7.263	77	13865	1.640	ng/u1	88
8) Phenol	7.305	94	43525	1.380	ng/u1	91
16) Acetophenone	8.963	105	236623	6.186	ng/u1	97
50) Acenaphthylene	14.492	152	109661	1.307	ng/u1	99
71) Pentachlorophenol	17.163	266	330450	23.538	ng/u1	98
72) Phenanthrene	17.557	178	248695	2.477	ng/u1	98
74) Anthracene	17.651	178	521556	5.137	ng/u1	99
77) Carbazole	17.916	167	168744	1.895	ng/u1	97
80) Fluoranthene	19.510	202	440787	4.988	ng/u1	98
82) Pyrene	19.863	202	444921	4.876	ng/u1	97
85) Benzo(a)anthracene	21.580	228	431345	4.990	ng/u1#	88
86) Bis(2-ethylhexyl)phtha...	21.474	149	84652	1.453	ng/u1#	93
87) Chrysene	21.633	228	931612m	11.275	ng/u1	
90) Benzo(b)fluoranthene	23.374	252	2436568	30.536	ng/u1#	95
91) Benzo(k)fluoranthene	23.415	252	547522m	7.146	ng/u1	
93) Benzo(a)pyrene	24.051	252	563355	7.987	ng/u1#	86
94) Indeno(1,2,3-cd)pyrene	26.880	276	1013519	11.098	ng/u1	98
95) Dibenzo(a,h)anthracene	26.892	278	231262	3.085	ng/u1#	81
96) Benzo(g,h,i)perylene	27.721	276	877815	11.788	ng/u1	96

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

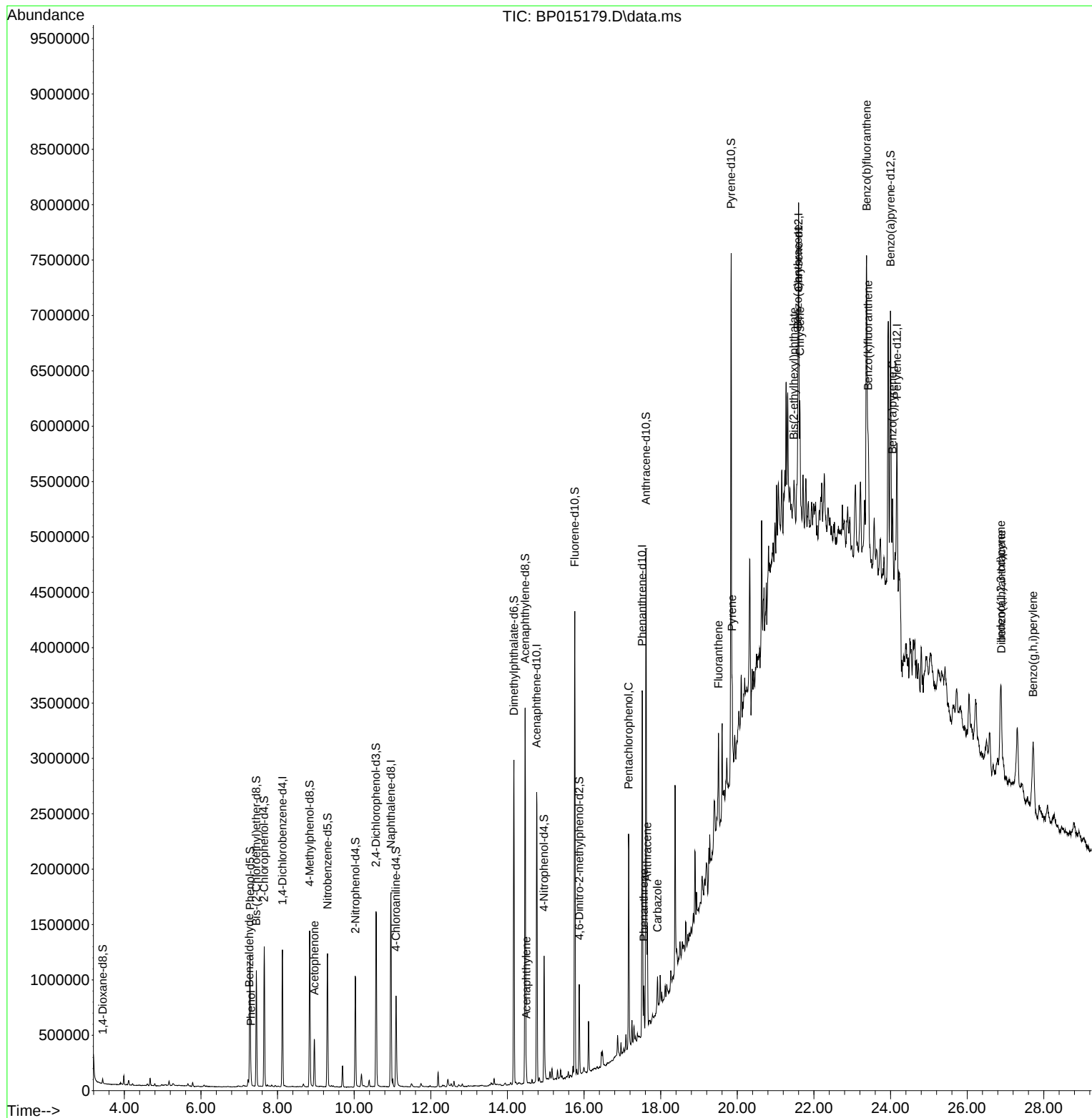
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
 Data File : BP015179.D
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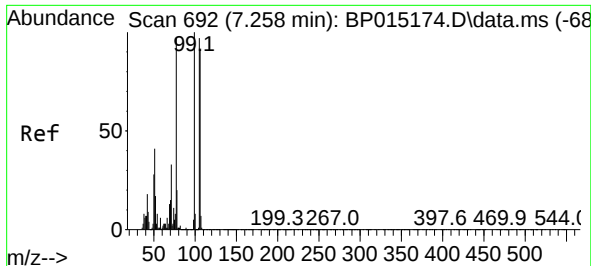
Instrument :
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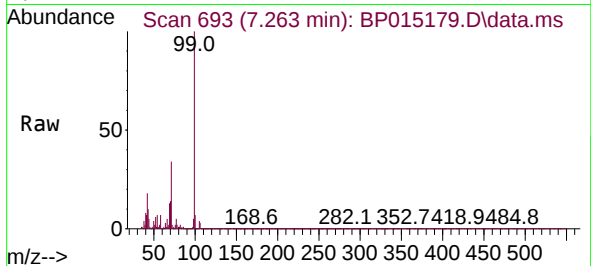
Quant Time: May 19 23:01:45 2023
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#6
Benzaldehyde
Concen: 1.640 ng/ul
RT: 7.263 min Scan# 692
Delta R.T. 0.006 min
Lab File: BP015179.D
Acq: 19 May 2023 18:43

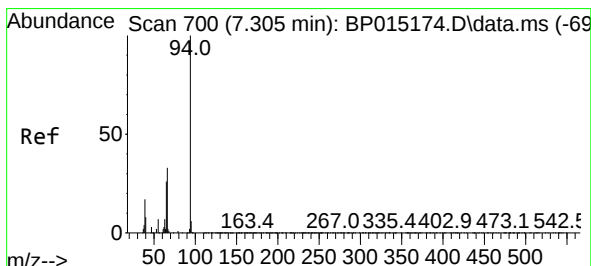
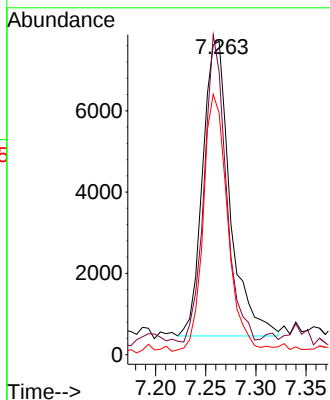
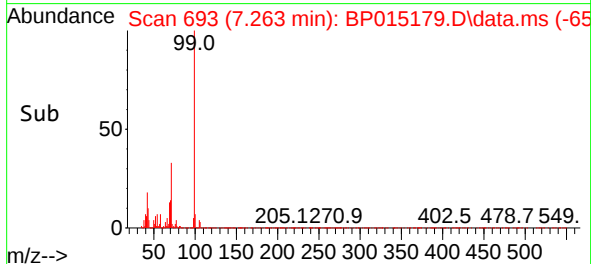
Instrument :
BNA_P
ClientSampleId :
JREB2



Tgt Ion: 77 Resp: 1386
Ion Ratio Lower Upper
77 100
105 90.1 76.9 115.3
106 77.0 75.0 112.6

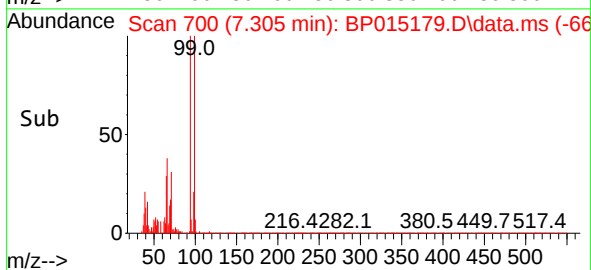
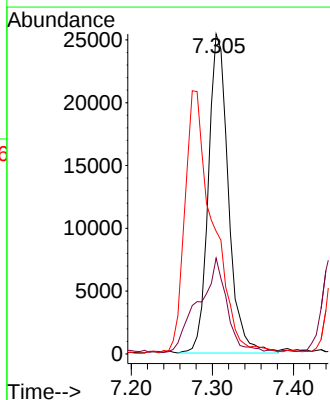
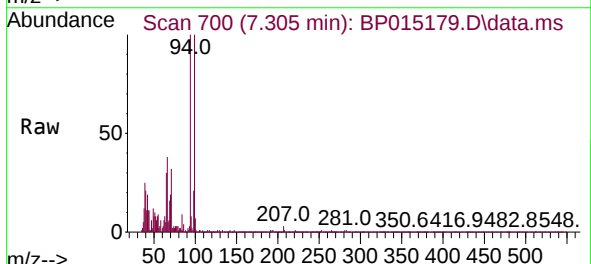
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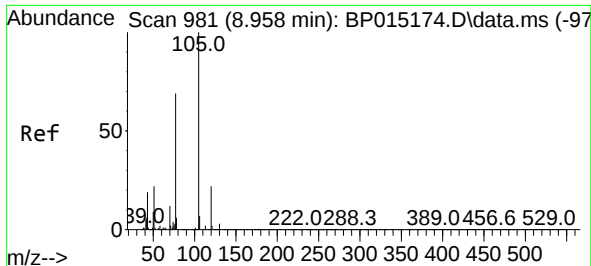
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#8
Phenol
Concen: 1.380 ng/ul
RT: 7.305 min Scan# 700
Delta R.T. 0.000 min
Lab File: BP015179.D
Acq: 19 May 2023 18:43

Tgt Ion: 94 Resp: 43525
Ion Ratio Lower Upper
94 100
65 30.0 20.6 31.0
66 38.4 26.1 39.1





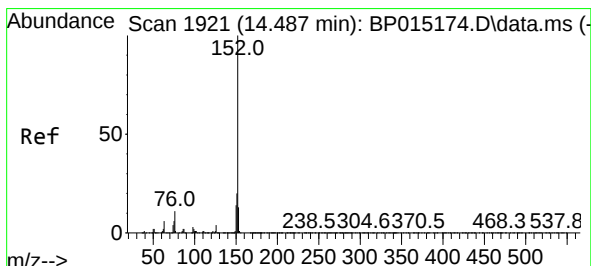
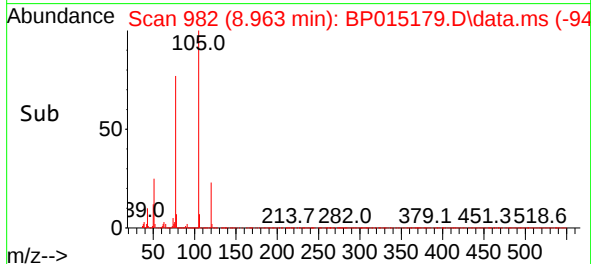
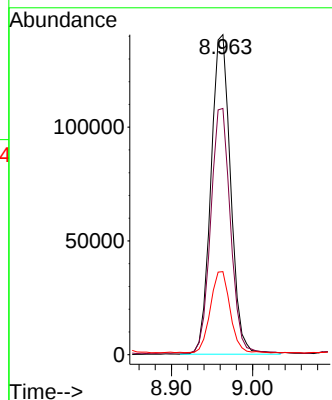
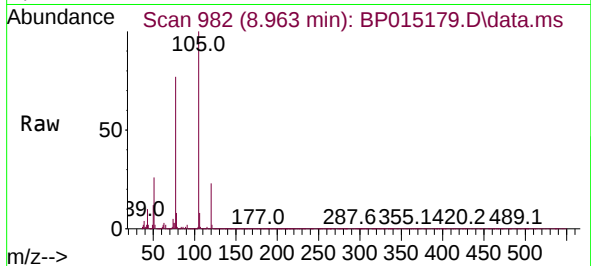
#16
Acetophenone
Concen: 6.186 ng/ul
RT: 8.963 min Scan# 981
Delta R.T. 0.000 min
Lab File: BP015179.D
Acq: 19 May 2023 18:43

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:105 Resp: 23662
Ion Ratio Lower Upper
105 100
77 77.0 59.4 89.2
51 25.9 19.2 28.8

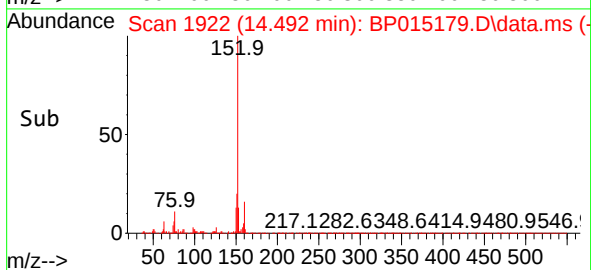
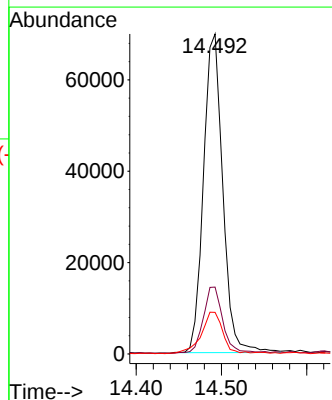
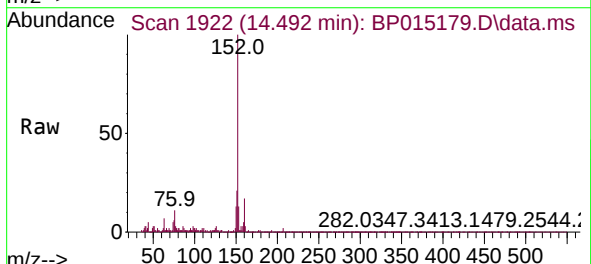
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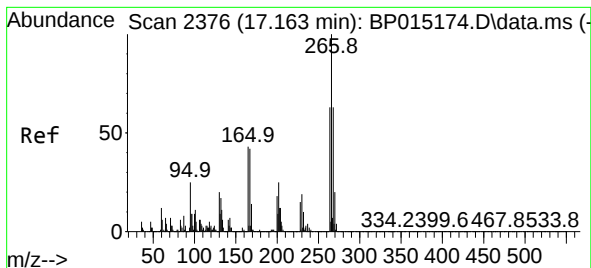
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#50
Acenaphthylene
Concen: 1.307 ng/ul
RT: 14.492 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BP015179.D
Acq: 19 May 2023 18:43

Tgt Ion:152 Resp: 109661
Ion Ratio Lower Upper
152 100
151 20.9 16.1 24.1
153 13.0 10.3 15.5





#71

Pentachlorophenol

Concen: 23.538 ng/ul

RT: 17.163 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015179.D

Acq: 19 May 2023 18:43

Instrument :

BNA_P

ClientSampleId :

JREB2

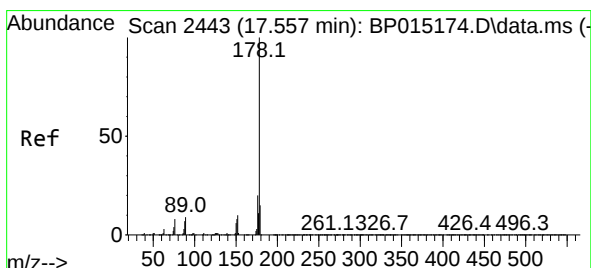
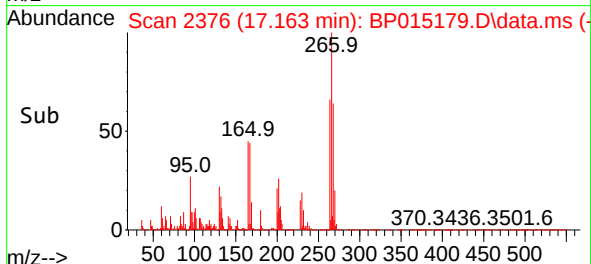
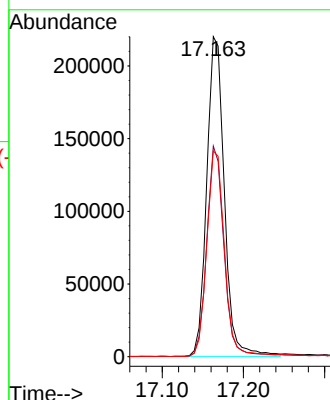
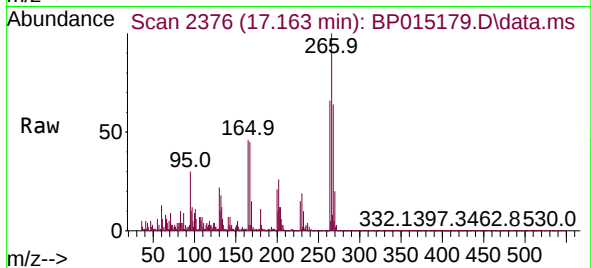
Tgt Ion:	266	Resp:	330450
Ion Ratio	Lower	Upper	
266	100		
264	65.8	51.0	76.4
268	64.3	51.8	77.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/22/2023



#72

Phenanthrene

Concen: 2.477 ng/ul

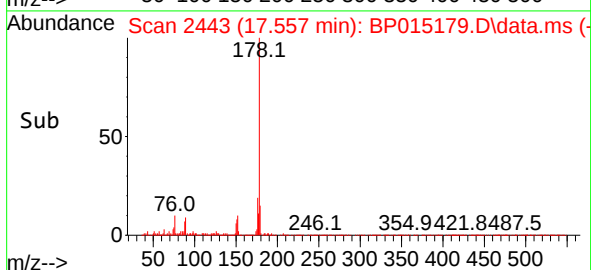
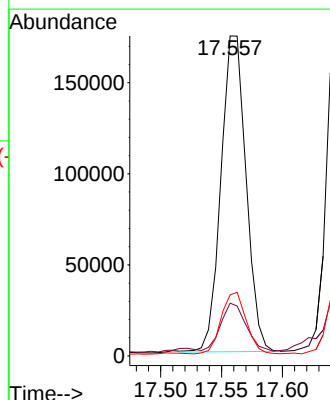
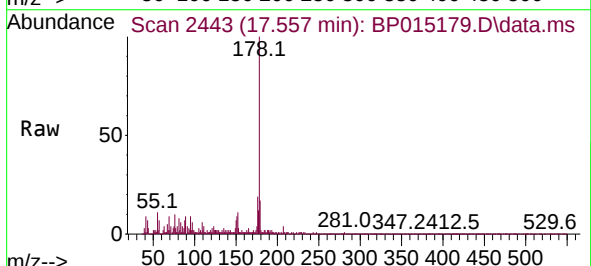
RT: 17.557 min Scan# 2443

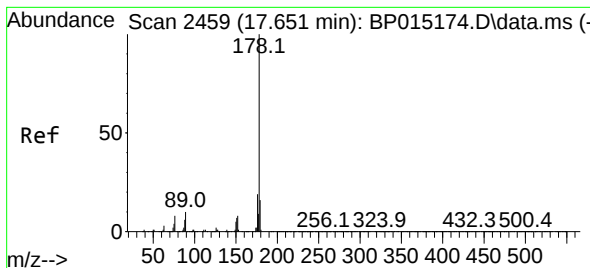
Delta R.T. -0.006 min

Lab File: BP015179.D

Acq: 19 May 2023 18:43

Tgt Ion:	178	Resp:	248695
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.2	18.2
176	19.1	15.6	23.4





#74

Anthracene

Concen: 5.137 ng/ul

RT: 17.651 min Scan# 2459

Delta R.T. -0.006 min

Lab File: BP015179.D

Acq: 19 May 2023 18:43

Instrument :

BNA_P

ClientSampleId :

JREB2

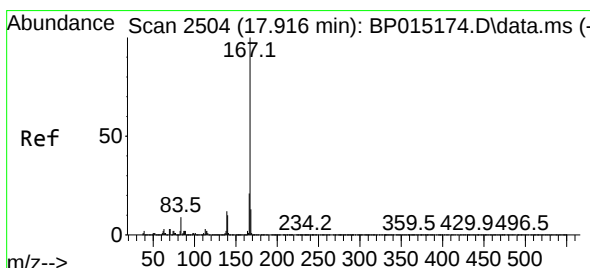
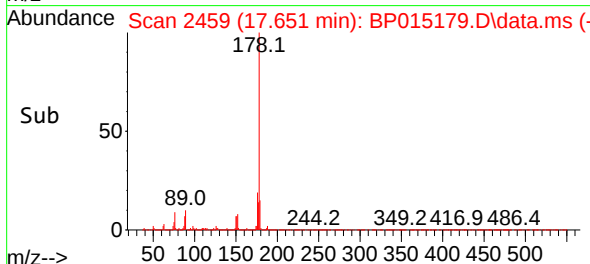
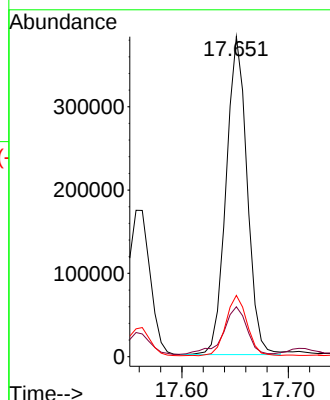
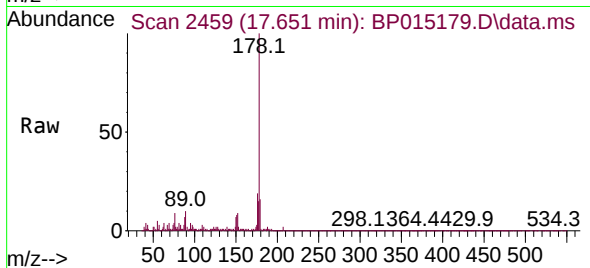
Tgt Ion:178	Resp: 521550
Ion Ratio	Lower Upper
178 100	
179 15.6	12.2 18.2
176 19.2	15.2 22.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/22/2023



#77

Carbazole

Concen: 1.895 ng/ul

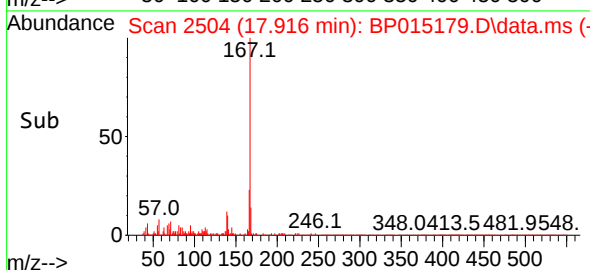
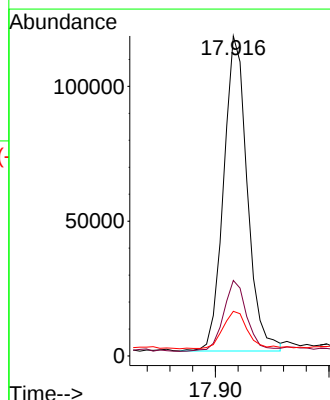
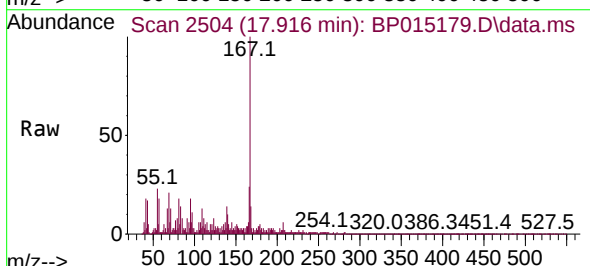
RT: 17.916 min Scan# 2504

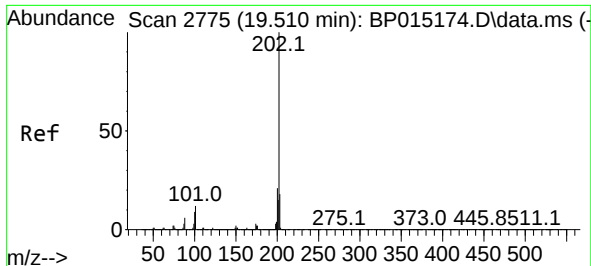
Delta R.T. 0.000 min

Lab File: BP015179.D

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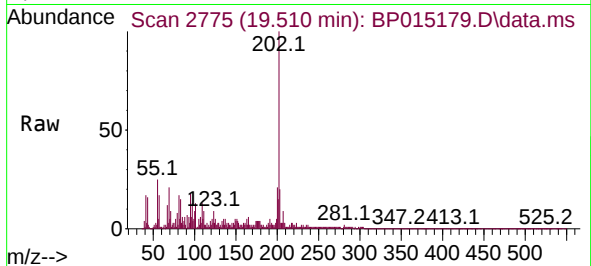
Tgt Ion:167	Resp: 168744
Ion Ratio	Lower Upper
167 100	
166 23.6	17.4 26.2
139 13.9	10.2 15.4





#80
Fluoranthene
Concen: 4.988 ng/u1
RT: 19.510 min Scan# 2775
Delta R.T. 0.000 min
Lab File: BP015179.D
Acq: 19 May 2023 18:43

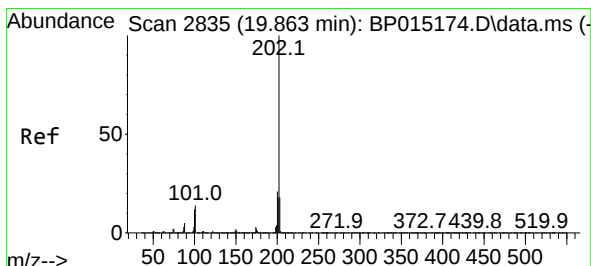
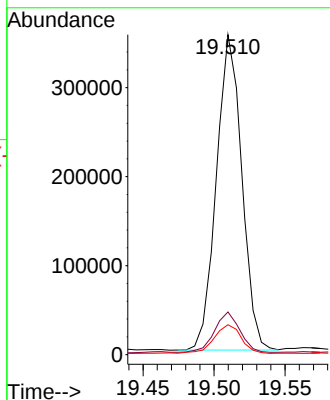
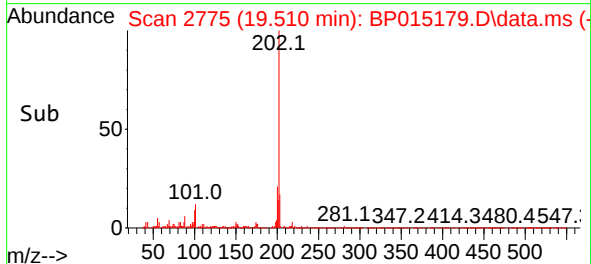
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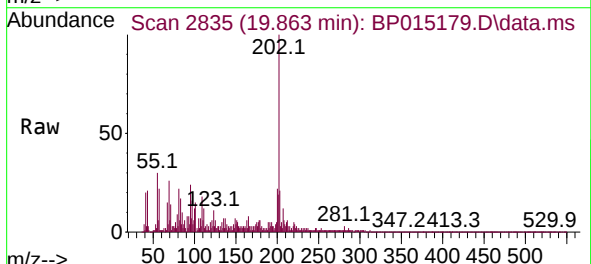
Tgt Ion:202 Resp: 44078
Ion Ratio Lower Upper
202 100
101 13.3 9.5 14.3
100 9.4 7.3 10.9

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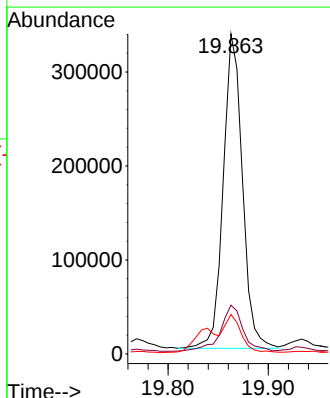
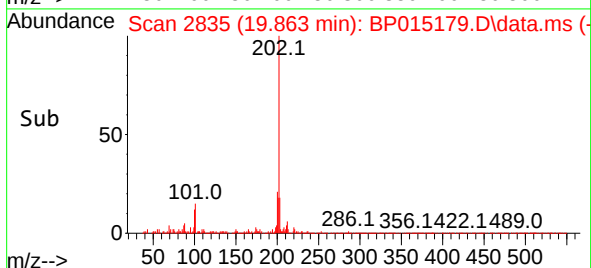
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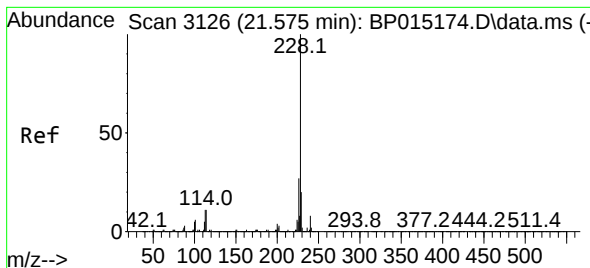


#82
Pyrene
Concen: 4.876 ng/u1
RT: 19.863 min Scan# 2835
Delta R.T. -0.006 min
Lab File: BP015179.D
Acq: 19 May 2023 18:43



Tgt Ion:202 Resp: 444921
Ion Ratio Lower Upper
202 100
101 15.3 11.2 16.8
100 12.3 9.0 13.6





#85

Benzo(a)anthracene

Concen: 4.990 ng/ul

RT: 21.580 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BP015179.D

Acq: 19 May 2023 18:43

Instrument :

BNA_P

ClientSampleId :

JREB2

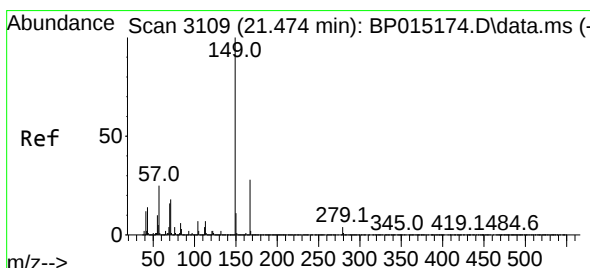
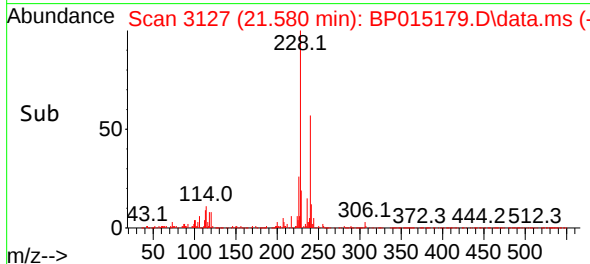
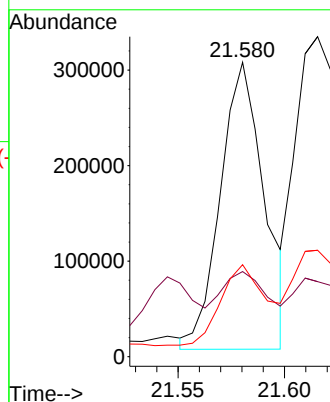
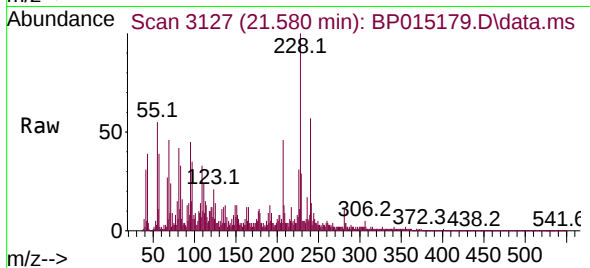
Tgt Ion:228 Resp: 43134

Ion	Ratio	Lower	Upper
228	100		
229	28.9	16.1	24.1
226	31.3	21.9	32.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/22/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.453 ng/ul

RT: 21.474 min Scan# 3109

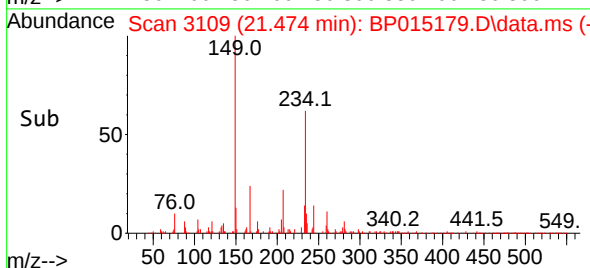
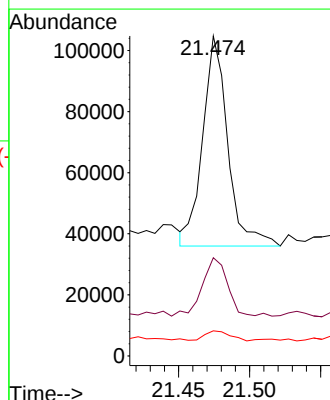
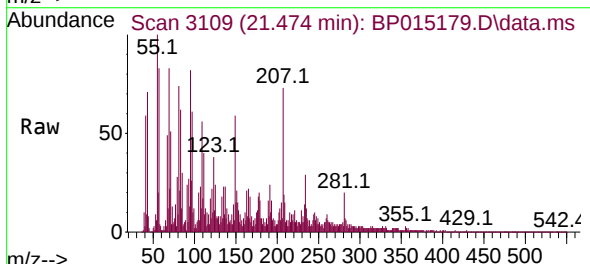
Delta R.T. -0.006 min

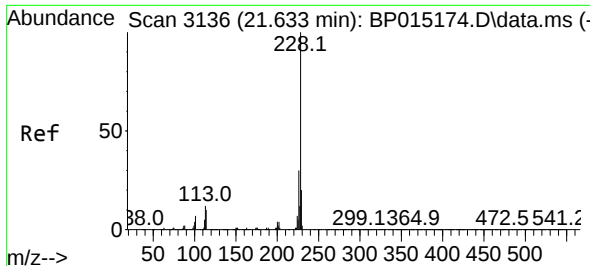
Lab File: BP015179.D

Acq: 19 May 2023 18:43

Tgt Ion:149 Resp: 84652

Ion	Ratio	Lower	Upper
149	100		
167	30.7	21.8	32.6
279	7.9	3.2	4.8





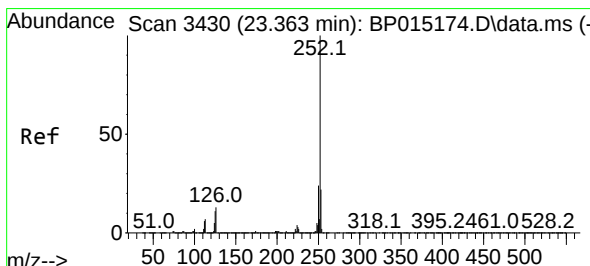
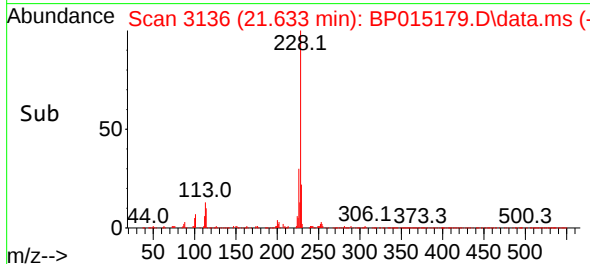
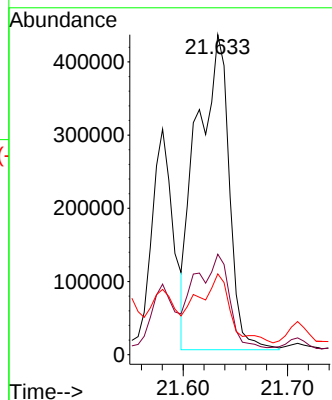
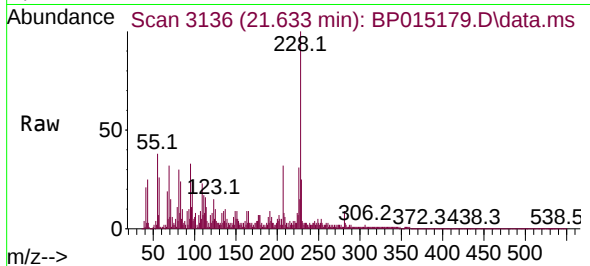
#87
Chrysene
Concen: 11.275 ng/ul m
RT: 21.633 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BP015179.D
Acq: 19 May 2023 18:43

Instrument :
BNA_P
ClientSampleId :
JREB2

Tgt Ion:228 Resp: 931612
Ion Ratio Lower Upper
228 100
226 31.4 25.0 37.6
229 25.3 16.1 24.1

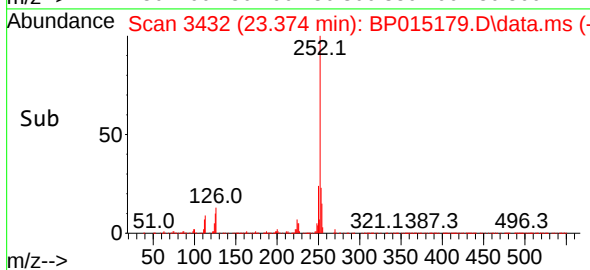
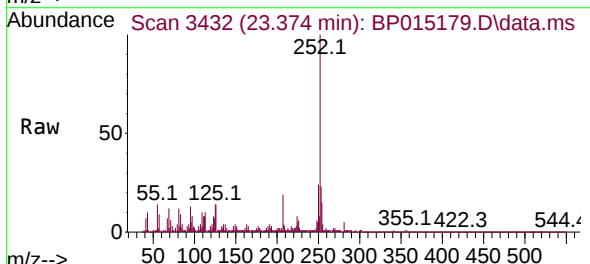
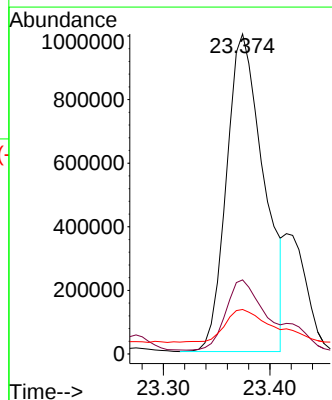
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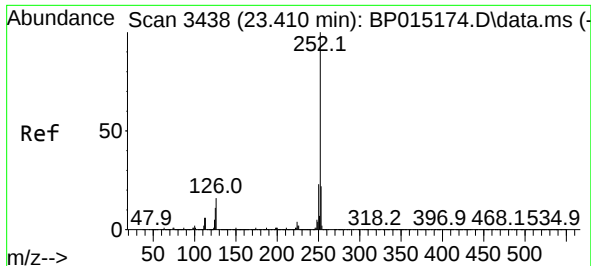
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#90
Benzo(b)fluoranthene
Concen: 30.536 ng/ul
RT: 23.374 min Scan# 3432
Delta R.T. 0.006 min
Lab File: BP015179.D
Acq: 19 May 2023 18:43

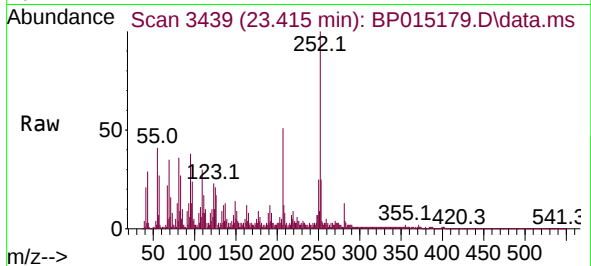
Tgt Ion:252 Resp: 2436568
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 13.9 8.3 12.5





#91
Benzo(k)fluoranthene
Concen: 7.146 ng/ul m
RT: 23.415 min Scan# 3438
Delta R.T. -0.006 min
Lab File: BP015179.D
Acq: 19 May 2023 18:43

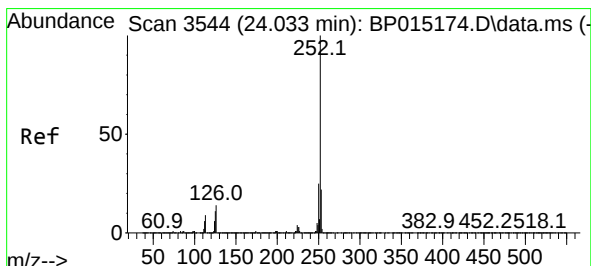
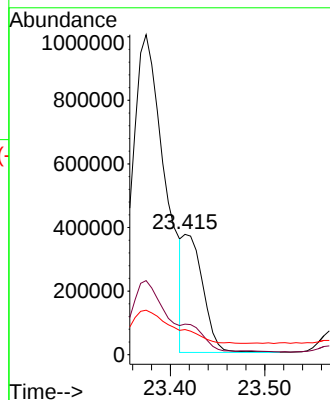
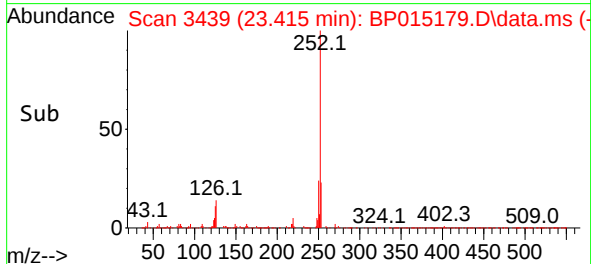
Instrument :
BNA_P
ClientSampleId :
JREB2



Tgt Ion:252 Resp: 547522
Ion Ratio Lower Upper
252 100
253 25.4 17.5 26.3
125 20.9 8.5 12.7

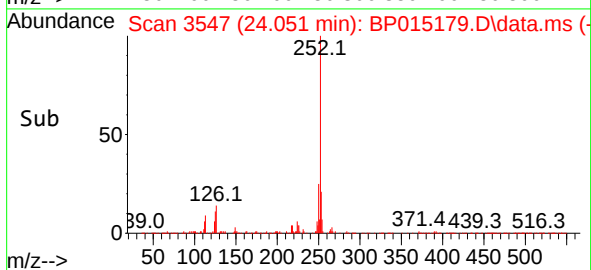
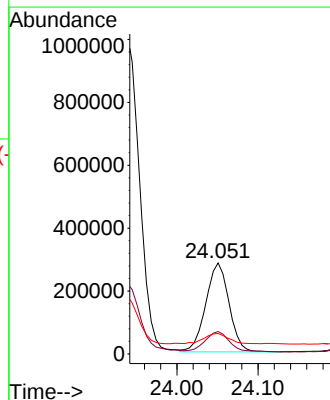
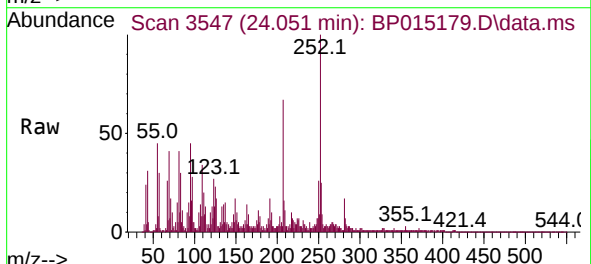
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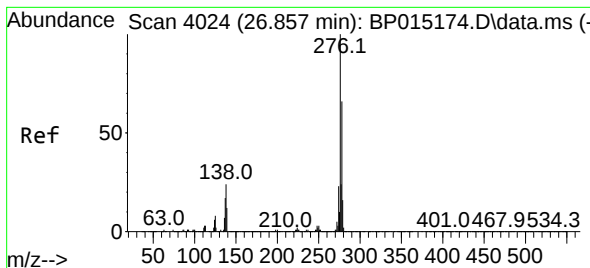
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#93
Benzo(a)pyrene
Concen: 7.987 ng/ul
RT: 24.051 min Scan# 3547
Delta R.T. 0.006 min
Lab File: BP015179.D
Acq: 19 May 2023 18:43

Tgt Ion:252 Resp: 563355
Ion Ratio Lower Upper
252 100
253 24.6 17.2 25.8
125 22.6 9.1 13.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 11.098 ng/ul

RT: 26.880 min Scan# 4030

Delta R.T. 0.012 min

Lab File: BP015179.D

Acq: 19 May 2023 18:43

Instrument :

BNP_P

ClientSampleId :

JREB2

Tgt Ion:276 Resp: 1013519

Ion Ratio Lower Upper

276 100

138 23.4 20.1 30.1

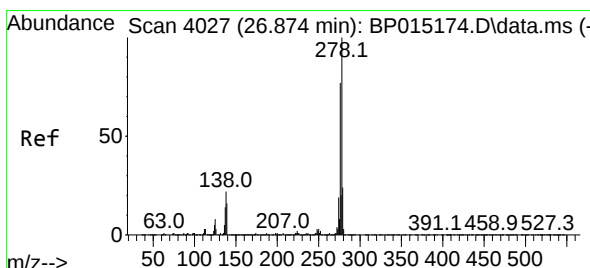
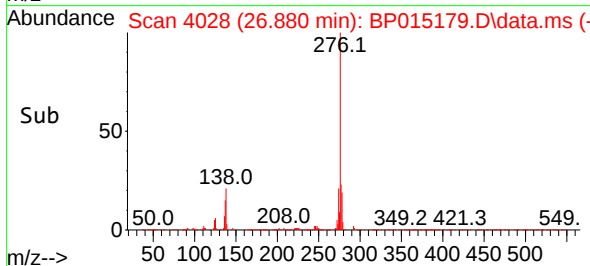
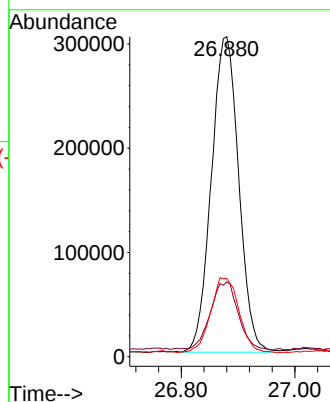
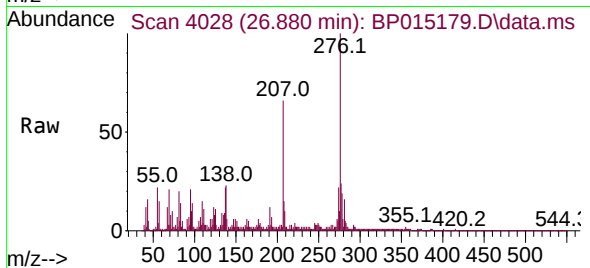
277 24.5 19.8 29.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/22/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#95

Dibenzo(a,h)anthracene

Concen: 3.085 ng/ul

RT: 26.892 min Scan# 4030

Delta R.T. 0.006 min

Lab File: BP015179.D

Acq: 19 May 2023 18:43

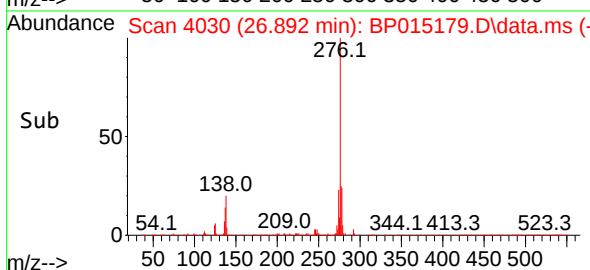
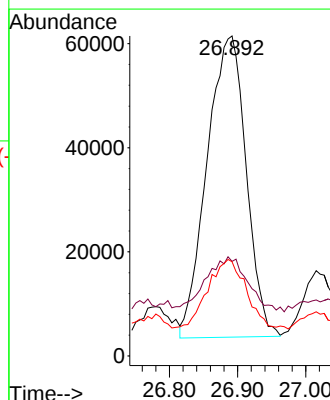
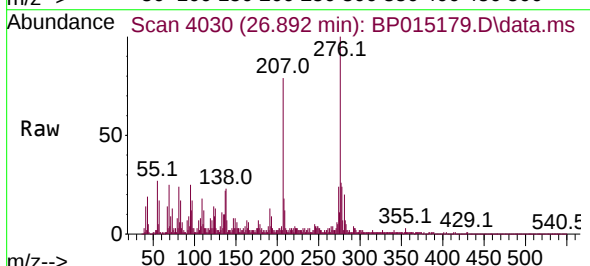
Tgt Ion:278 Resp: 231262

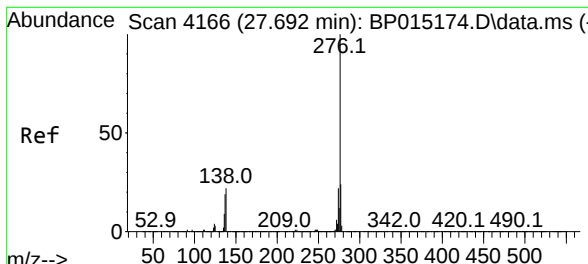
Ion Ratio Lower Upper

278 100

139 29.6 13.3 19.9#

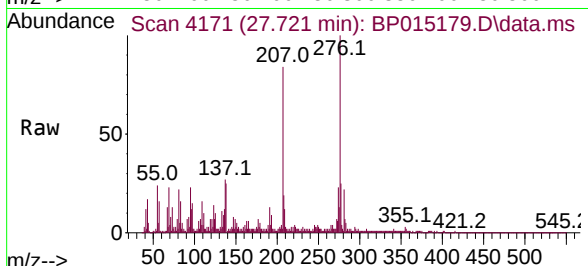
279 29.4 19.1 28.7#





#96
 Benzo(g,h,i)perylene
 Concen: 11.788 ng/ul
 RT: 27.721 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: BP015179.D
 Acq: 19 May 2023 18:43

Instrument :
 BNA_P
 ClientSampleId :
 JREB2



Tgt Ion:	276	Resp:	87781
Ion Ratio	Lower	Upper	
276	100		
138	25.1	17.7	26.5
277	24.6	18.8	28.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/22/2023
 Supervised By :Jagrut Upadhyay 05/22/2023

