

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
 Data File : BP05180.D
 Acq On : 19 May 2023 19:17
 Operator : CG/JU
 Sample : 02664-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JREB1

Manual Integrations
 APPROVED

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

Quant Time: May 19 23:05:02 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	274795	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1216307	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	879481	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1842368	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1258972	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1317131	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	17755	2.510	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.281	99	459981	18.029	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	258144	17.518	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	362329	19.315	ng/u1	0.00
15) 4-Methylphenol-d8	8.840	113	347335	17.084	ng/u1	0.00
21) Nitrobenzene-d5	9.304	128	195849	20.491	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	221779	20.854	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	423253	22.056	ng/u1	0.00
31) 4-Chloroaniline-d4	11.093	131	221392	7.797	ng/u1	0.00
46) Dimethylphthalate-d6	14.169	166	1580335	23.779	ng/u1	0.00
49) Acenaphthylene-d8	14.463	160	1847503	24.306	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	260101	20.155	ng/u1	0.00
60) Fluorene-d10	15.757	176	1419913	25.320	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	123602	10.645	ng/u1	0.00
73) Anthracene-d10	17.616	188	2153626	25.528	ng/u1	0.00
81) Pyrene-d10	19.839	212	2228670	30.522	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.998	264	1677474	25.656	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.257	77	10913	1.556	ng/u1	87
8) Phenol	7.305	94	35297	1.349	ng/u1#	91
16) Acetophenone	8.963	105	221577	6.983	ng/u1	100
71) Pentachlorophenol	17.163	266	178163	12.701	ng/u1	99
72) Phenanthrene	17.557	178	150761	1.503	ng/u1	96
74) Anthracene	17.651	178	246332	2.428	ng/u1	99
77) Carbazole	17.916	167	109251	1.228	ng/u1#	94
80) Fluoranthene	19.510	202	492175	5.530	ng/u1	98
82) Pyrene	19.863	202	490900	5.341	ng/u1	99
85) Benzo(a)anthracene	21.580	228	260786	2.996	ng/u1#	86
87) Chrysene	21.633	228	676913m	8.134	ng/u1	
90) Benzo(b)fluoranthene	23.374	252	1047427	12.544	ng/u1#	88
91) Benzo(k)fluoranthene	23.421	252	256465m	3.199	ng/u1	
93) Benzo(a)pyrene	24.051	252	262328	3.554	ng/u1#	63
94) Indeno(1,2,3-cd)pyrene	26.874	276	452191	4.732	ng/u1	98
95) Dibenzo(a,h)anthracene	26.880	278	101386	1.292	ng/u1#	53
96) Benzo(g,h,i)perylene	27.727	276	566079	7.264	ng/u1	95

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

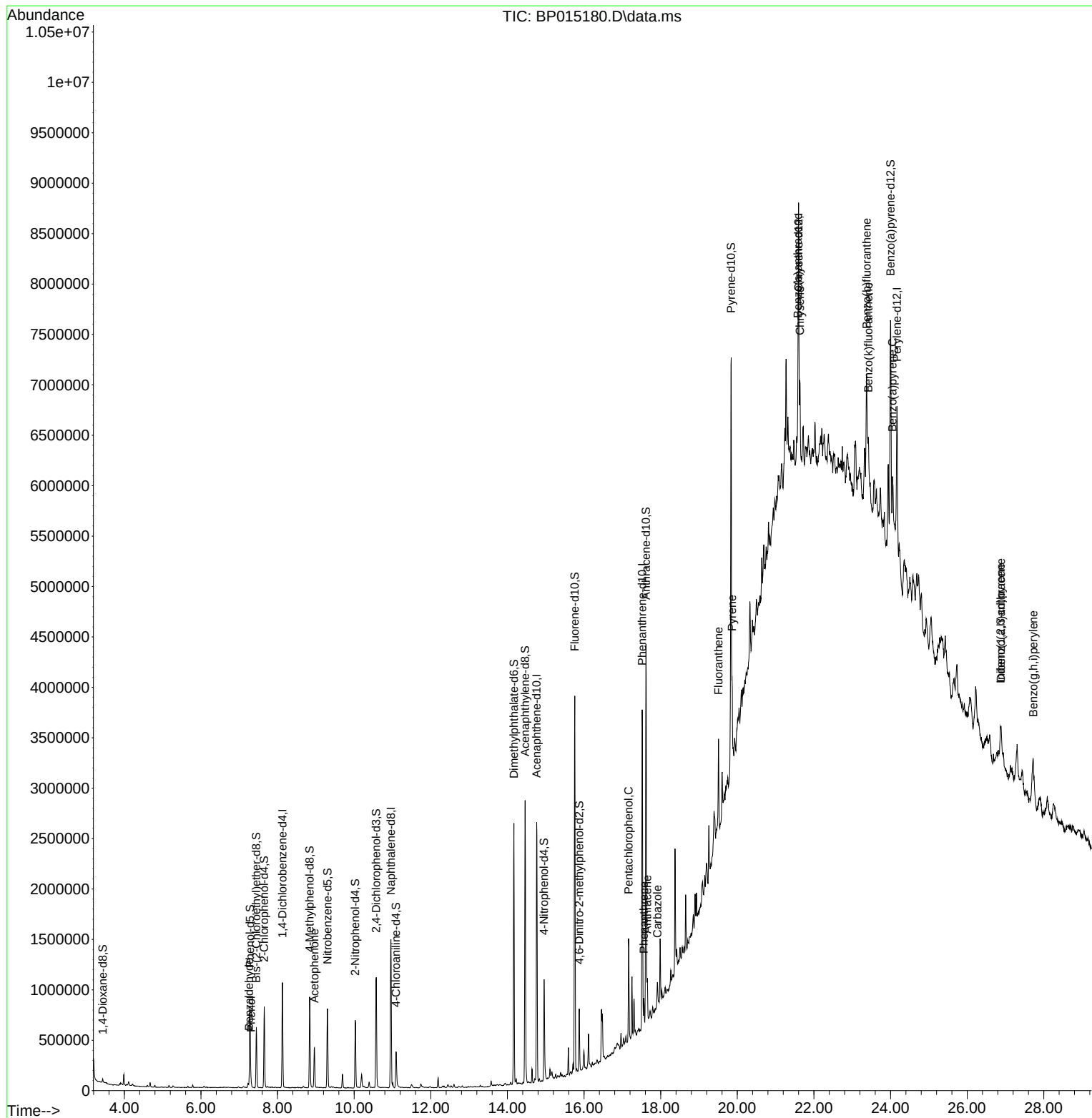
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015180.D
Acq On : 19 May 2023 19:17
Operator : CG/JU
Sample : 02664-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

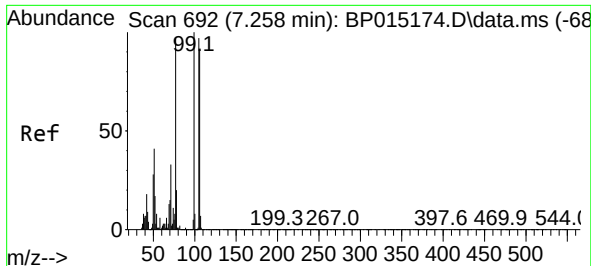
Instrument :
BNA_P
ClientSampleId :
JREB1

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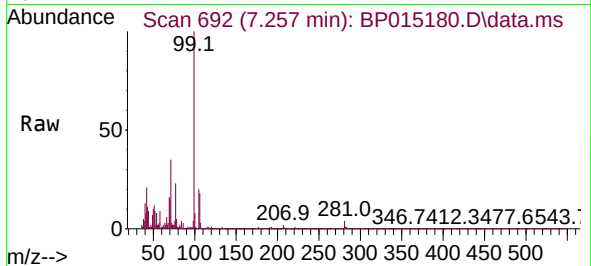
Quant Time: May 19 23:05:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 01:07:51 2023
Response via : Initial Calibration





#6
Benzaldehyde
Concen: 1.556 ng/ul
RT: 7.257 min Scan# 692
Delta R.T. -0.000 min
Lab File: BP015180.D
Acq: 19 May 2023 19:17

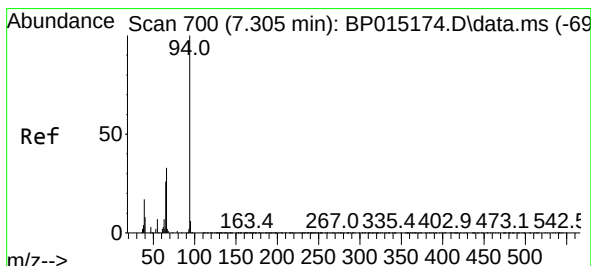
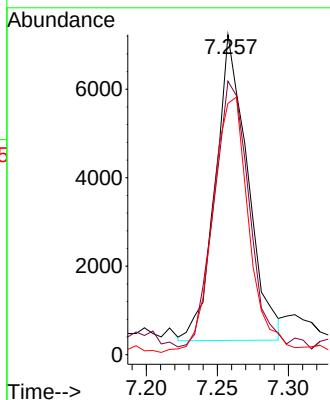
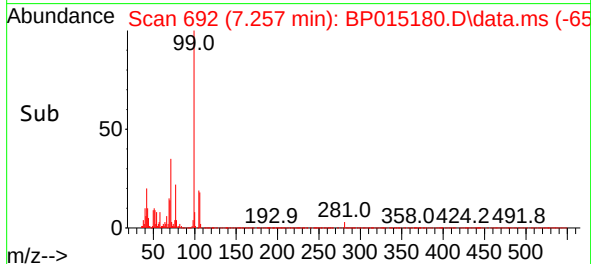
Instrument :
BNA_P
Client SampleId :
JREB1



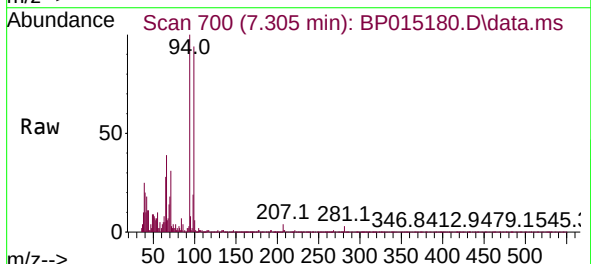
Tgt Ion: 77 Resp: 1091
Ion Ratio Lower Upper
77 100
105 85.5 76.9 115.3
106 78.5 75.0 112.6

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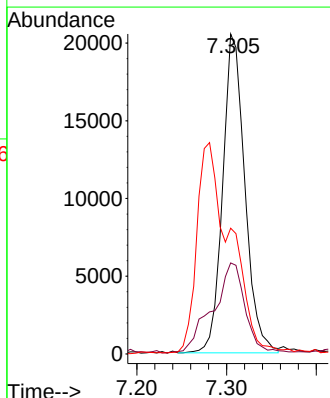
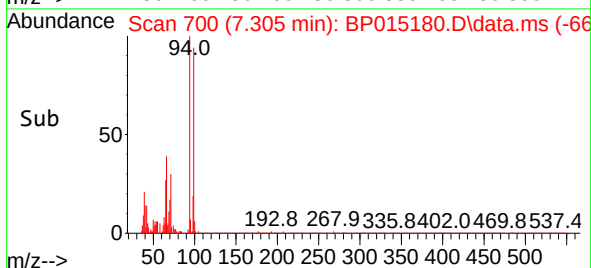
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

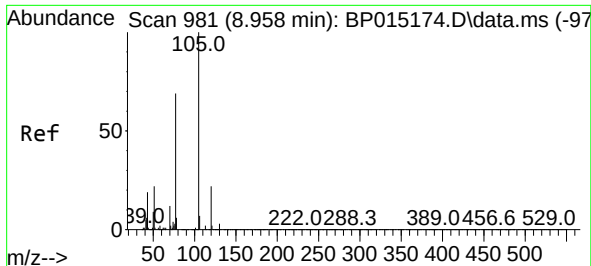


#8
Phenol
Concen: 1.349 ng/ul
RT: 7.305 min Scan# 700
Delta R.T. -0.000 min
Lab File: BP015180.D
Acq: 19 May 2023 19:17



Tgt Ion: 94 Resp: 35297
Ion Ratio Lower Upper
94 100
65 28.4 20.6 31.0
66 39.3 26.1 39.1





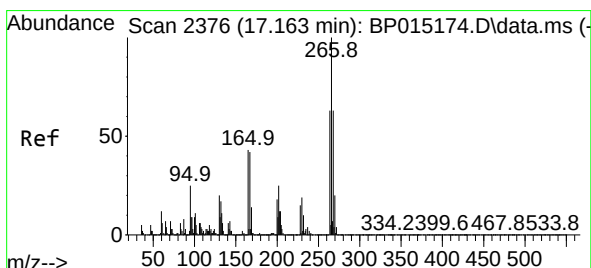
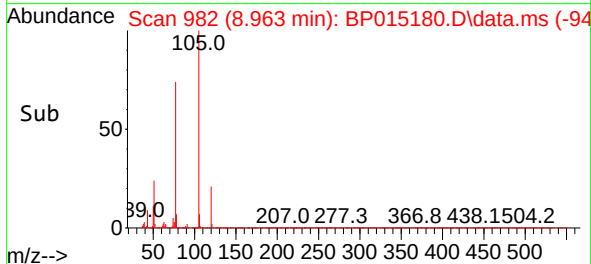
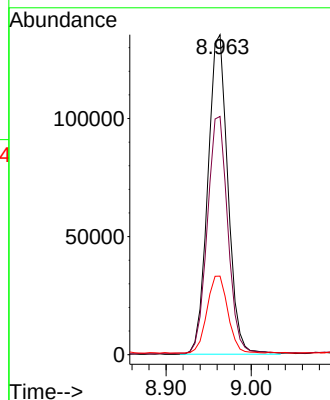
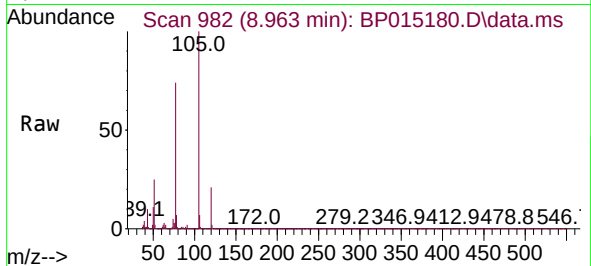
#16
Acetophenone
Concen: 6.983 ng/ul
RT: 8.963 min Scan# 981
Delta R.T. -0.000 min
Lab File: BP015180.D
Acq: 19 May 2023 19:17

Instrument :
BNA_P
ClientSampleId :
JREB1

Tgt Ion:105 Resp: 22157
Ion Ratio Lower Upper
105 100
77 74.5 59.4 89.2
51 24.6 19.2 28.8

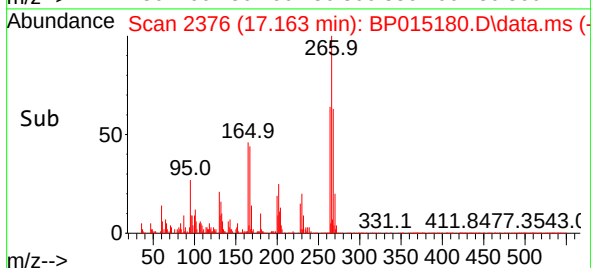
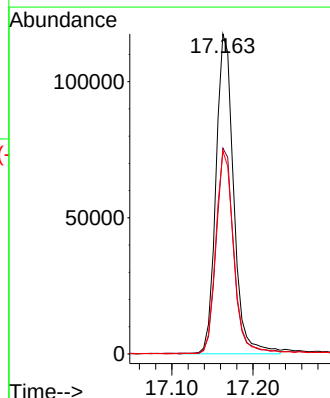
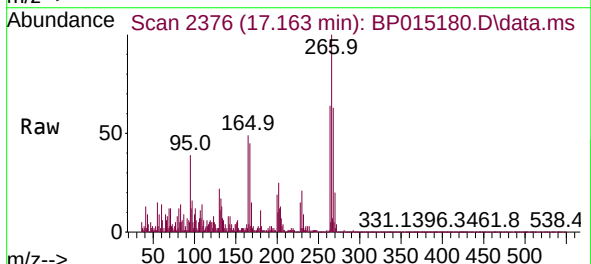
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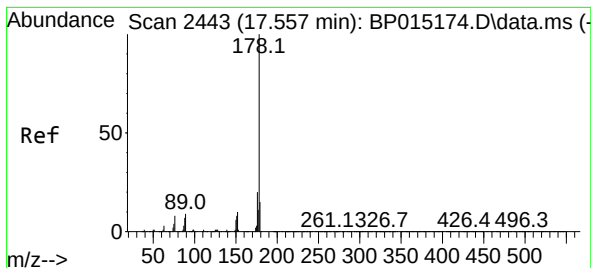
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#71
Pentachlorophenol
Concen: 12.701 ng/ul
RT: 17.163 min Scan# 2376
Delta R.T. -0.000 min
Lab File: BP015180.D
Acq: 19 May 2023 19:17

Tgt Ion:266 Resp: 178163
Ion Ratio Lower Upper
266 100
264 64.3 51.0 76.4
268 63.4 51.8 77.6





#72

Phenanthrene

Concen: 1.503 ng/ul

RT: 17.557 min Scan# 2443

Delta R.T. -0.006 min

Lab File: BP015180.D

Acq: 19 May 2023 19:17

Instrument :

BNA_P

ClientSampleId :

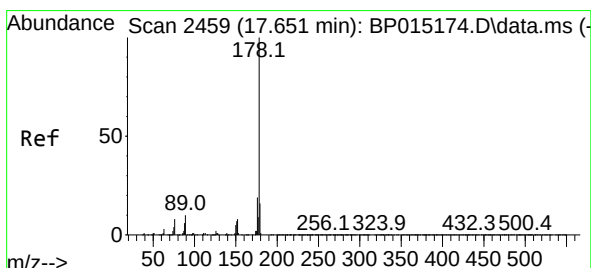
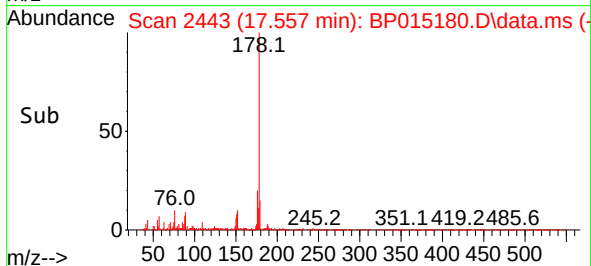
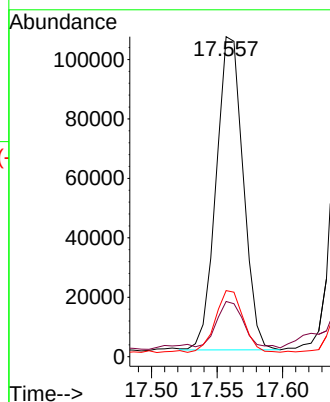
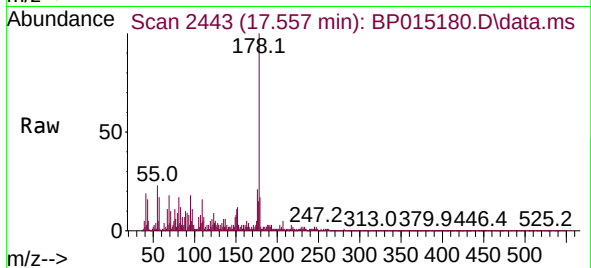
JREB1

Tgt Ion:178	Resp: 15076
Ion Ratio	Lower Upper
178	100
179	17.2 12.2 18.2
176	20.6 15.6 23.4

Manual Integrations

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



#74

Anthracene

Concen: 2.428 ng/ul

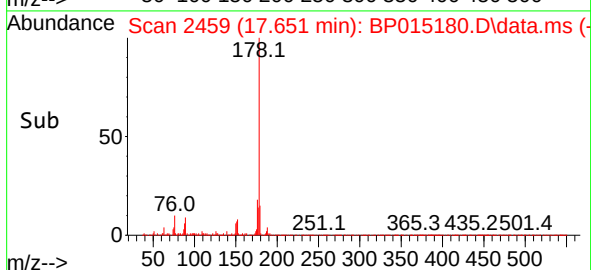
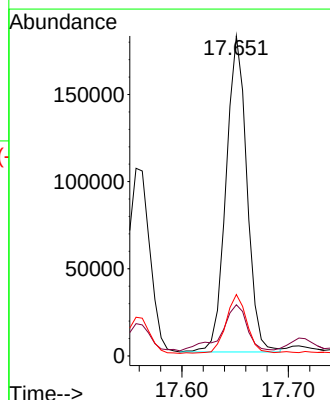
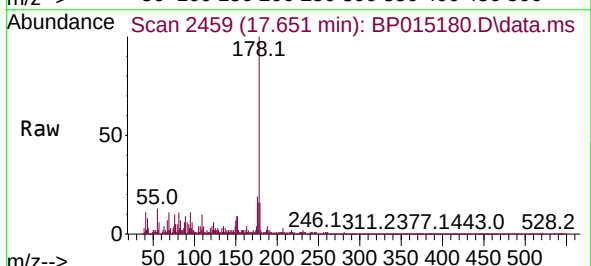
RT: 17.651 min Scan# 2459

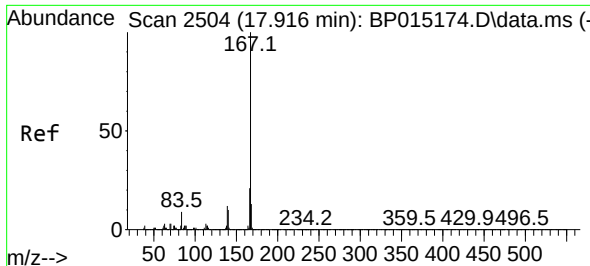
Delta R.T. -0.006 min

Lab File: BP015180.D

Acq: 19 May 2023 19:17

Tgt Ion:178	Resp: 246332
Ion Ratio	Lower Upper
178	100
179	16.0 12.2 18.2
176	19.2 15.2 22.8





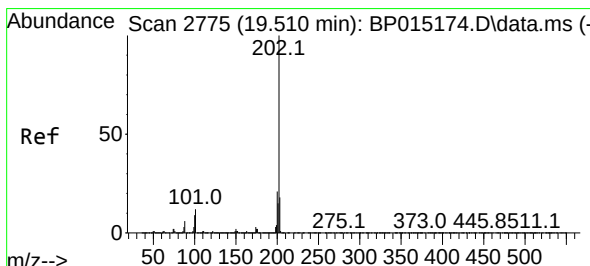
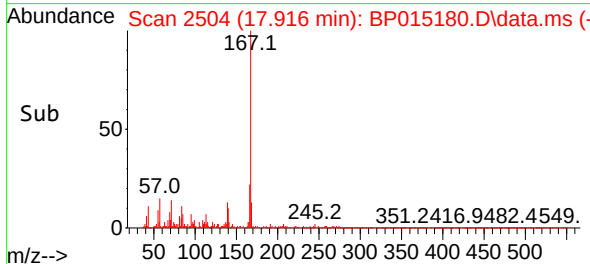
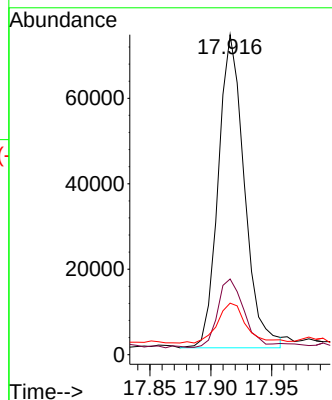
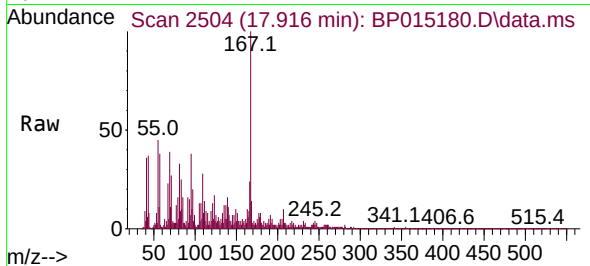
#77
 Carbazole
 Concen: 1.228 ng/ul
 RT: 17.916 min Scan# 2504
 Delta R.T. -0.000 min
 Lab File: BP015180.D
 Acq: 19 May 2023 19:17

Instrument :
 BNA_P
 ClientSampleId :
 JREB1

Tgt Ion:167 Resp: 10925
 Ion Ratio Lower Upper
 167 100
 166 23.6 17.4 26.2
 139 16.1 10.2 15.4

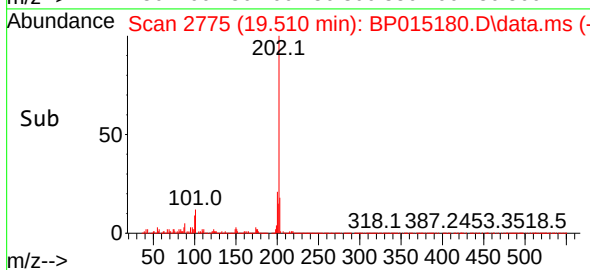
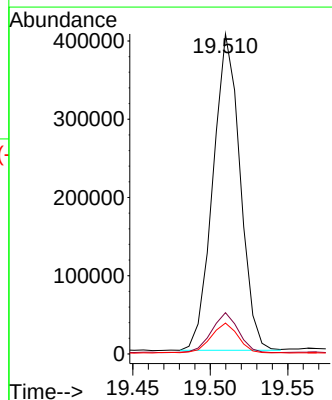
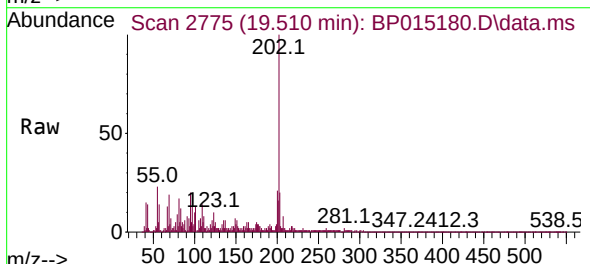
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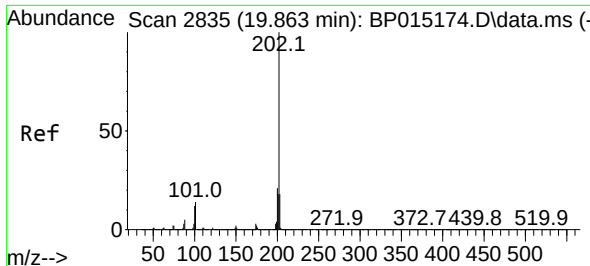
Reviewed By :Christian Giraldo 05/22/2023
 Supervised By :Jagrut Upadhyay 05/22/2023



#80
 Fluoranthene
 Concen: 5.530 ng/ul
 RT: 19.510 min Scan# 2775
 Delta R.T. -0.000 min
 Lab File: BP015180.D
 Acq: 19 May 2023 19:17

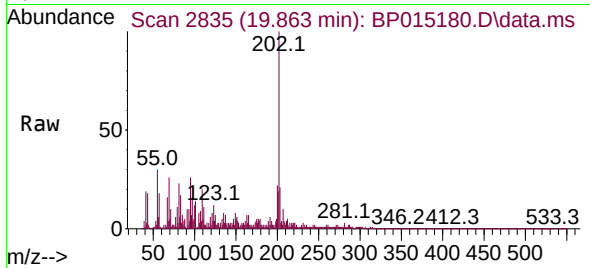
Tgt Ion:202 Resp: 492175
 Ion Ratio Lower Upper
 202 100
 101 12.9 9.5 14.3
 100 9.7 7.3 10.9





#82
Pyrene
Concen: 5.341 ng/ul
RT: 19.863 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015180.D
Acq: 19 May 2023 19:17

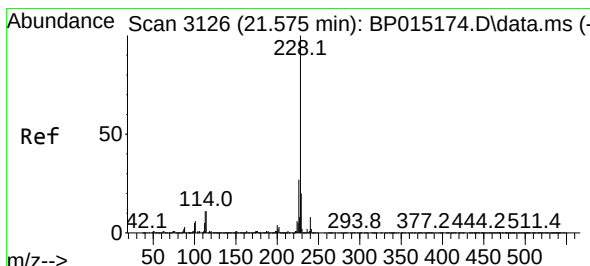
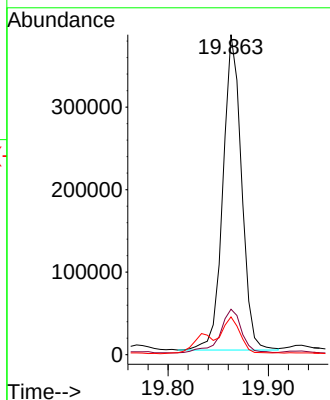
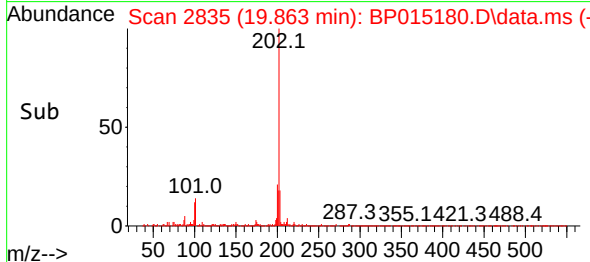
Instrument :
BNA_P
ClientSampleId :
JREB1



Tgt Ion:202 Resp: 490900
Ion Ratio Lower Upper
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101 14.2 11.2 16.8
100 11.8 9.0 13.6

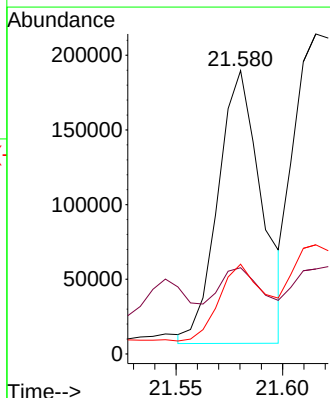
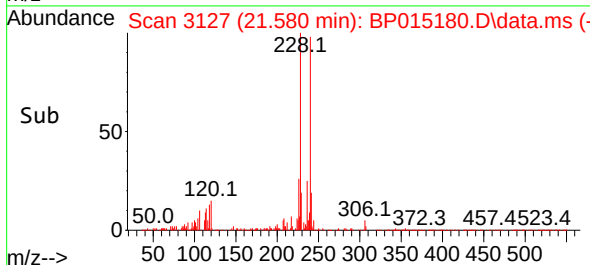
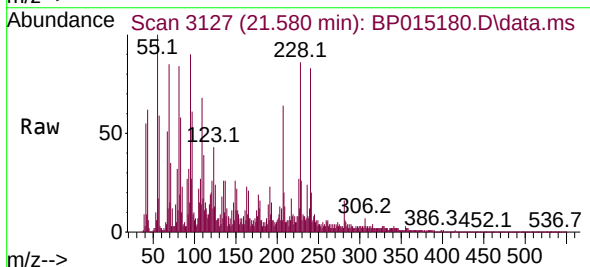
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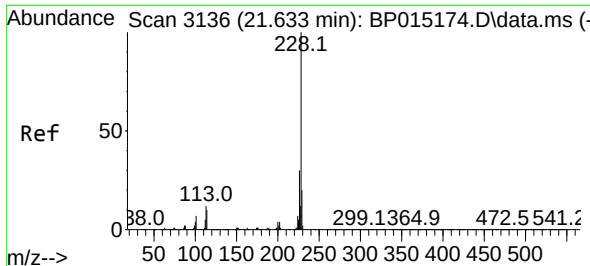
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#85
Benzo(a)anthracene
Concen: 2.996 ng/ul
RT: 21.580 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BP015180.D
Acq: 19 May 2023 19:17

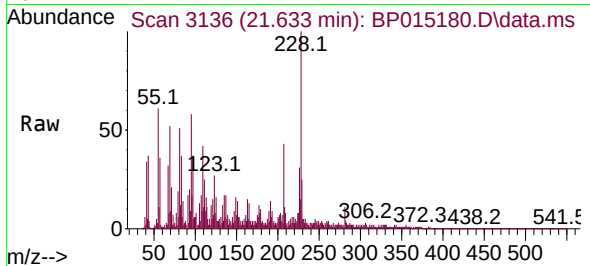
Tgt Ion:228 Resp: 260786
Ion Ratio Lower Upper
228 100
229 30.5 16.1 24.1#
226 31.7 21.9 32.9





#87
Chrysene
Concen: 8.134 ng/ul m
RT: 21.633 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BP015180.D
Acq: 19 May 2023 19:17

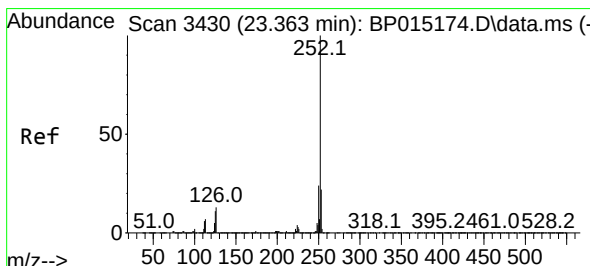
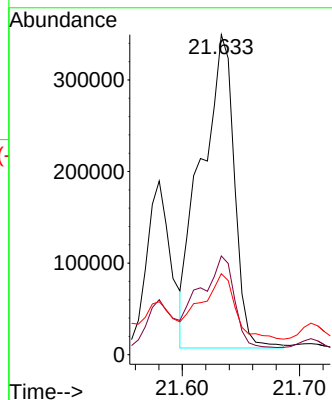
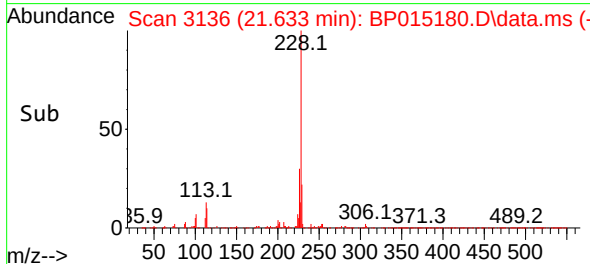
Instrument :
BNA_P
ClientSampleId :
JREB1



Tgt Ion:228 Resp: 676911
Ion Ratio Lower Upper
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226 30.9 25.0 37.6
229 25.3 16.1 24.1

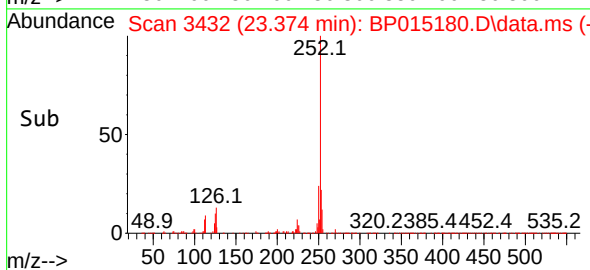
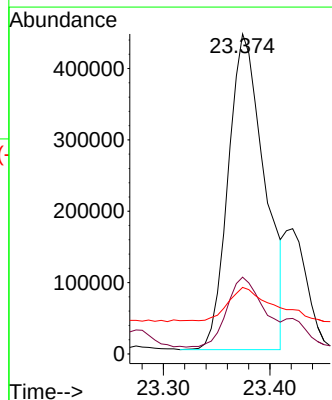
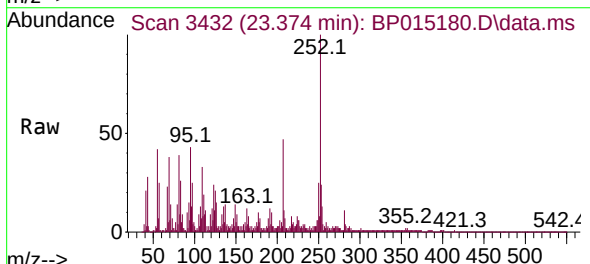
Manual Integrations
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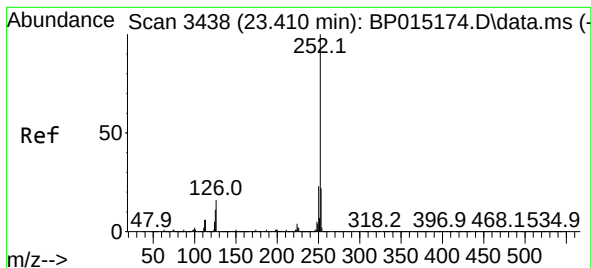
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#90
Benzo(b)fluoranthene
Concen: 12.544 ng/ul
RT: 23.374 min Scan# 3432
Delta R.T. 0.006 min
Lab File: BP015180.D
Acq: 19 May 2023 19:17

Tgt Ion:252 Resp: 1047427
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 20.8 8.3 12.5





#91

Benzo(k)fluoranthene

Concen: 3.199 ng/ul m

RT: 23.421 min Scan# 3438

Delta R.T. -0.000 min

Lab File: BP015180.D

Acq: 19 May 2023 19:17

Instrument :

BNA_P

ClientSampleId :

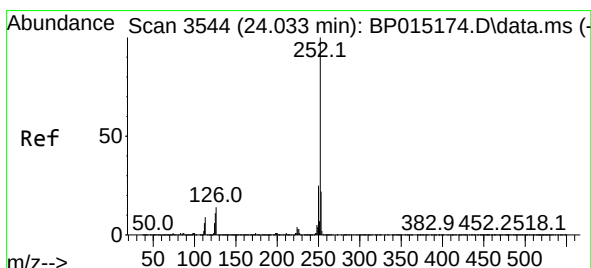
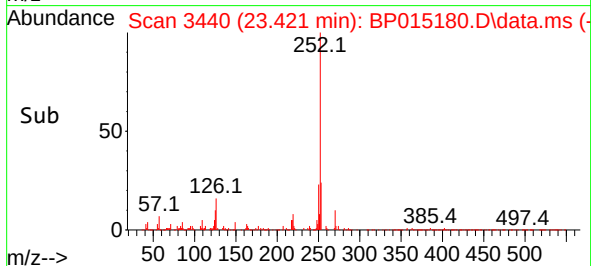
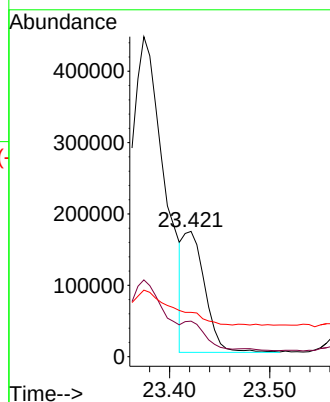
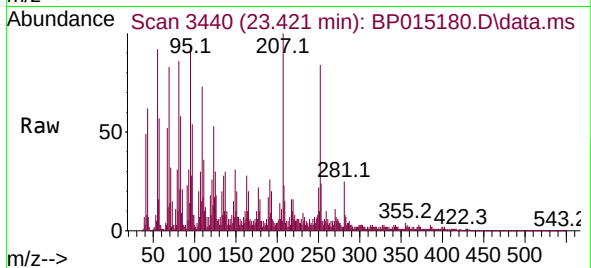
JREB1

Tgt Ion:	252	Resp:	25646
Ion Ratio	Lower	Upper	
252	100		
253	28.4	17.5	26.3
125	35.4	8.5	12.7

Manual Integrations

APPROVED

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



#93

Benzo(a)pyrene

Concen: 3.554 ng/ul

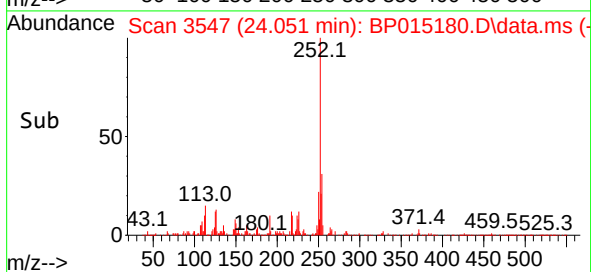
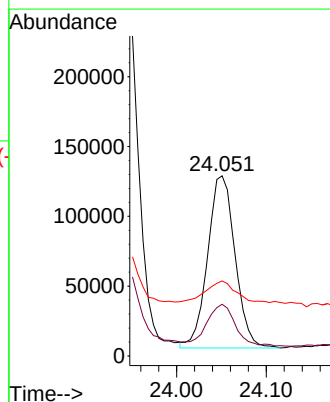
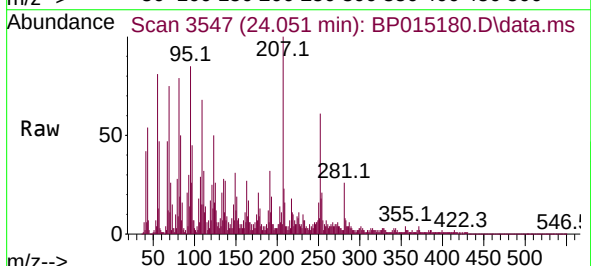
RT: 24.051 min Scan# 3547

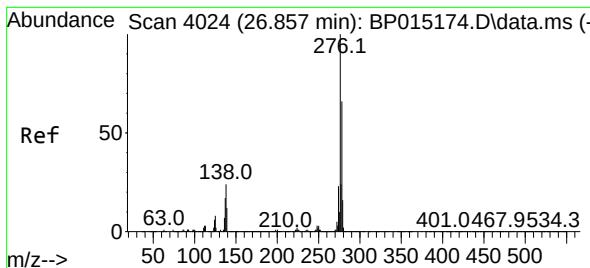
Delta R.T. 0.006 min

Lab File: BP015180.D

Acq: 19 May 2023 19:17

Tgt Ion:	252	Resp:	262328
Ion Ratio	Lower	Upper	
252	100		
253	28.7	17.2	25.8
125	41.7	9.1	13.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.732 ng/ul

RT: 26.874 min Scan# 4027

Delta R.T. 0.006 min

Lab File: BP015180.D

Acq: 19 May 2023 19:17

Instrument :

BNA_P

ClientSampleId :

JREB1

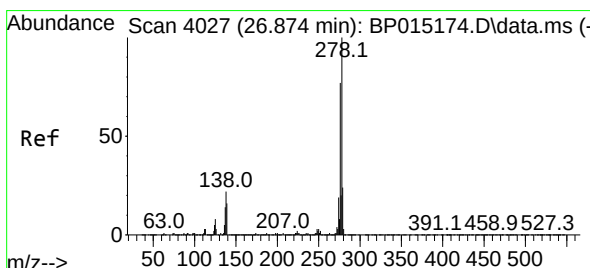
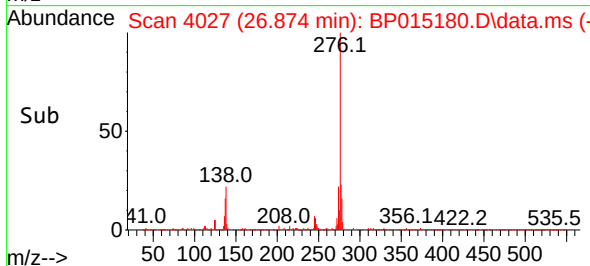
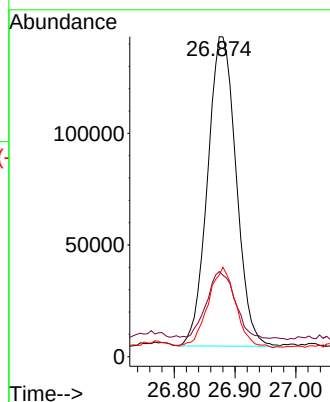
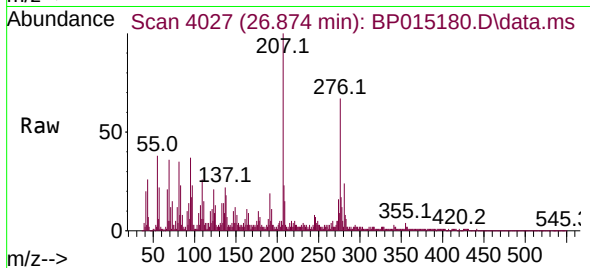
Tgt Ion:	276	Resp:	45219
Ion Ratio	Lower	Upper	
276	100		
138	26.6	20.1	30.1
277	25.5	19.8	29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/22/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.292 ng/ul

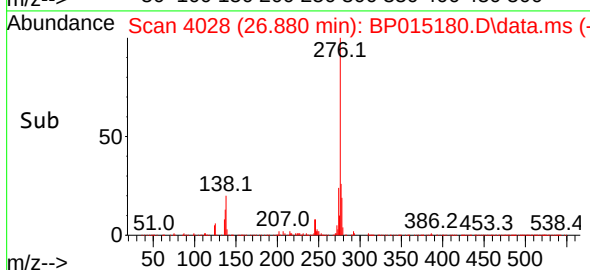
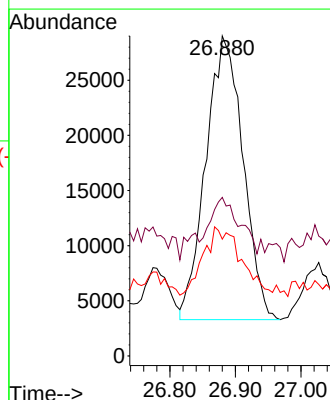
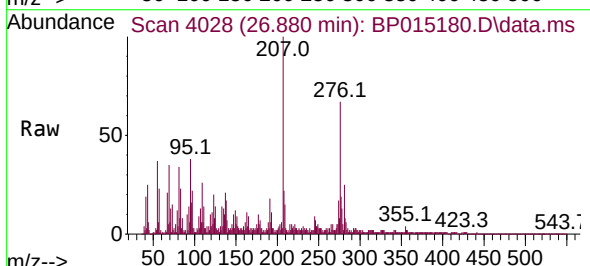
RT: 26.880 min Scan# 4028

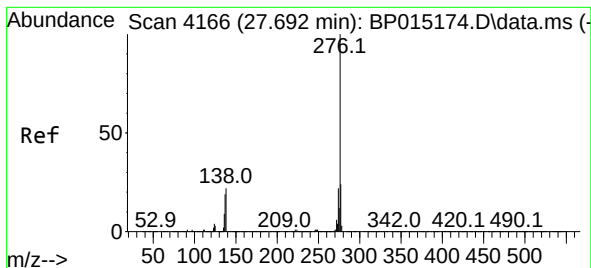
Delta R.T. -0.006 min

Lab File: BP015180.D

Acq: 19 May 2023 19:17

Tgt Ion:	278	Resp:	101386
Ion Ratio	Lower	Upper	
278	100		
139	49.5	13.3	19.9#
279	36.5	19.1	28.7#





#96

Benzo(g,h,i)perylene

Concen: 7.264 ng/ul

RT: 27.727 min Scan# 41

Delta R.T. 0.023 min

Lab File: BP015180.D

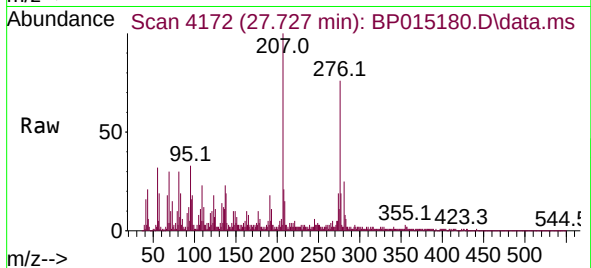
Acq: 19 May 2023 19:17

Instrument :

BNA_P

ClientSampleId :

JREB1



Tgt Ion:276 Resp: 566079

Ion Ratio Lower Upper

276 100

138 25.1 17.7 26.5

277 25.6 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/22/2023

Supervised By :Jagrut Upadhyay 05/22/2023

