

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
 Data File : BP051923.D
 Acq On : 19 May 2023 17:02
 Operator : CG/JU
 Sample : 02664-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JREA4

Manual Integrations
 APPROVED

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

Quant Time: May 19 22:50:24 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	260725	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1132126	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	718100	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1584688	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1202395	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	1189476	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	13322	1.985	ng/uL	0.00
4) Pyridine-d5	3.899	84	23381	1.229	ng/u1	0.03
7) Phenol-d5	7.275	99	379824	15.690	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	233010	16.666	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	305029	17.138	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	317574	16.463	ng/u1	0.00
21) Nitrobenzene-d5	9.304	128	153628	17.269	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	170257	17.200	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	330995	18.531	ng/u1	0.00
31) 4-Chloroaniline-d4	11.093	131	288980	10.935	ng/u1	0.00
46) Dimethylphthalate-d6	14.169	166	1069478	19.709	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	1264903	20.381	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	161027	15.282	ng/u1	0.00
60) Fluorene-d10	15.757	176	990131	21.624	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	121809	12.197	ng/u1	0.00
73) Anthracene-d10	17.616	188	1556200	21.446	ng/u1	0.00
81) Pyrene-d10	19.833	212	1785879	25.609	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.992	264	1278296	21.649	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.957	105	141647	4.705	ng/u1	96
71) Pentachlorophenol	17.163	266	195075	16.168	ng/u1	98
72) Phenanthrene	17.651	178	157189	1.822	ng/u1	97
74) Anthracene	17.651	178	157655	1.807	ng/u1	98
77) Carbazole	17.916	167	77186	1.009	ng/u1#	92
80) Fluoranthene	19.510	202	744332	8.757	ng/u1	100
82) Pyrene	19.863	202	740621	8.438	ng/u1	98
85) Benzo(a)anthracene	21.574	228	300006	3.608	ng/u1#	85
86) Bis(2-ethylhexyl)phtha...	21.480	149	7772462	138.740	ng/u1#	96
87) Chrysene	21.610	228	669409m	8.423	ng/u1	
90) Benzo(b)fluoranthene	23.368	252	802494	10.642	ng/u1#	83
91) Benzo(k)fluoranthene	23.415	252	190921m	2.637	ng/u1	
93) Benzo(a)pyrene	24.039	252	445271	6.681	ng/u1#	88
94) Indeno(1,2,3-cd)pyrene	26.856	276	273087	3.164	ng/u1	99
96) Benzo(g,h,i)perylene	27.698	276	231670	3.292	ng/u1	93

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

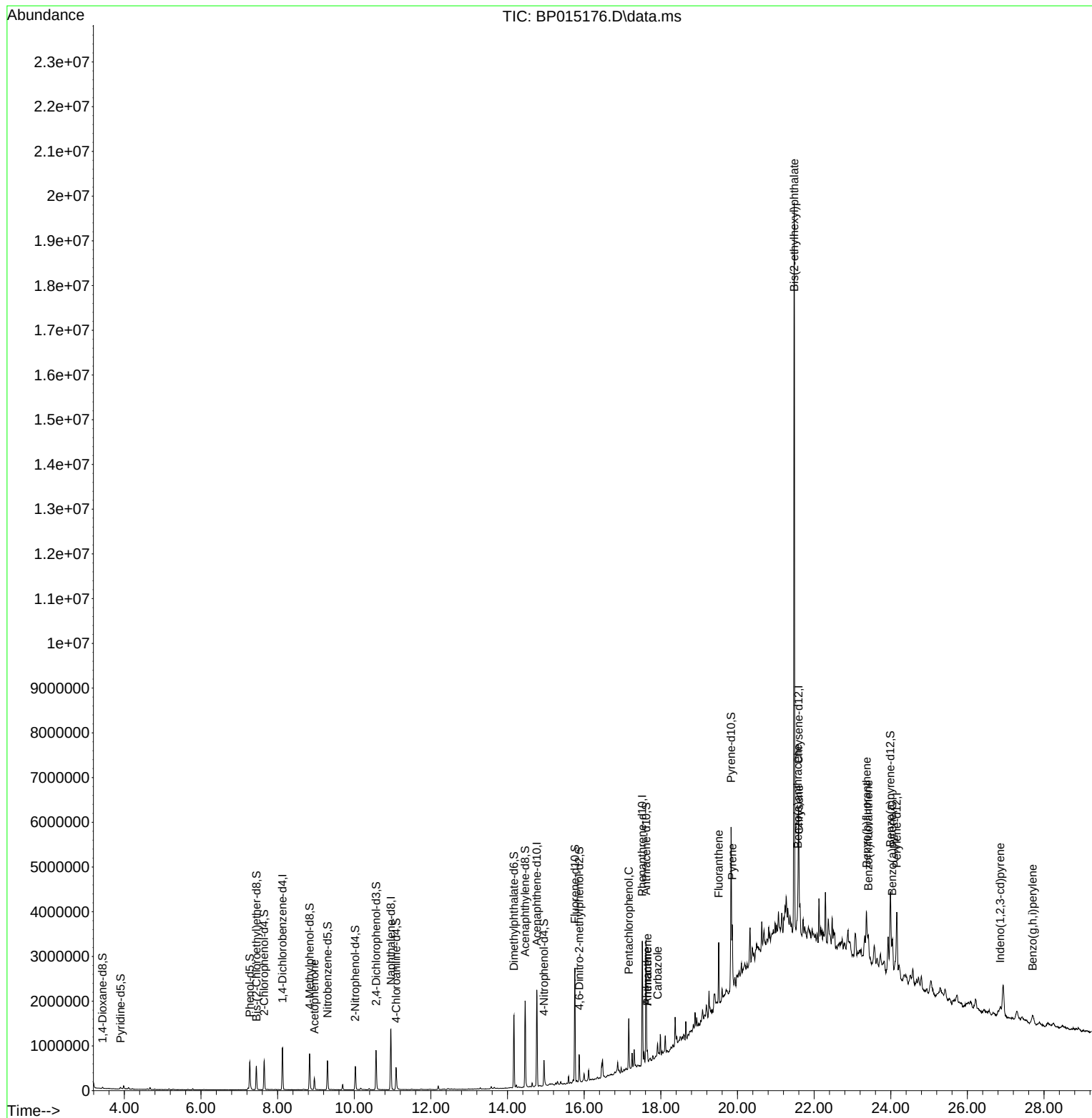
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
 Data File : BP015176.D
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 Operator : CG/JU
 Sample : 02664-09
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 ALS Vial : 12 Sample Multiplier: 1

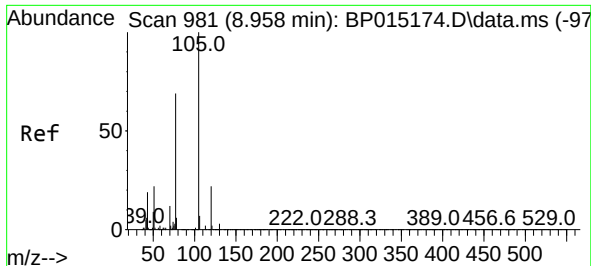
Instrument :
 BNA_P
 ClientSampleId :
 JREA4

Quant Time: May 19 22:50:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
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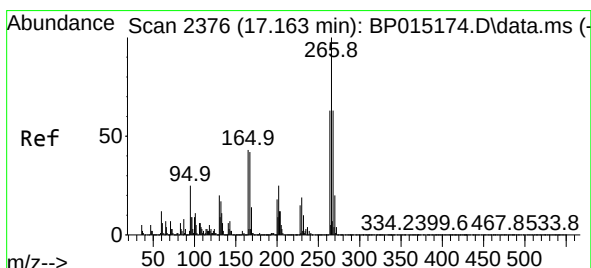
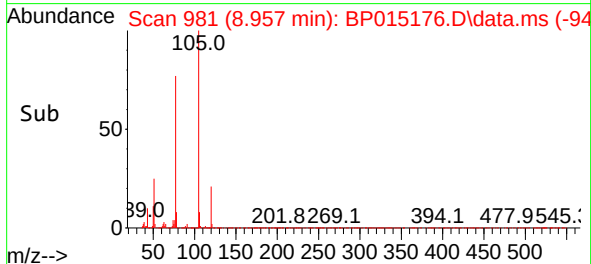
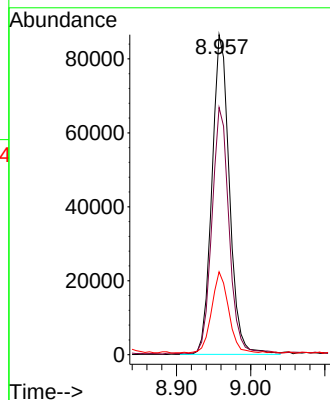
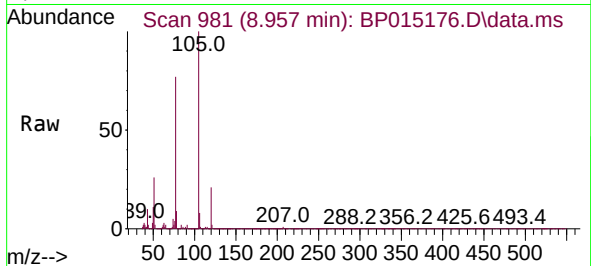
#16
Acetophenone
Concen: 4.705 ng/ul
RT: 8.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015176.D
Acq: 19 May 2023 17:02

Instrument :
BNA_P
ClientSampleId :
JREA4

Tgt Ion:105 Resp: 14164
Ion Ratio Lower Upper
105 100
77 77.3 59.4 89.2
51 25.9 19.2 28.8

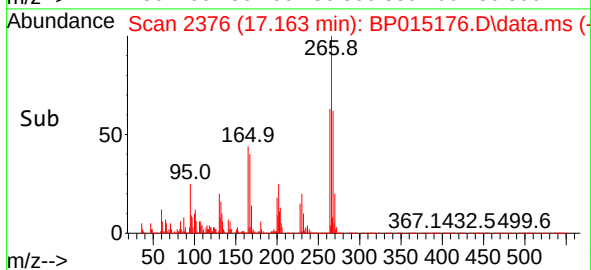
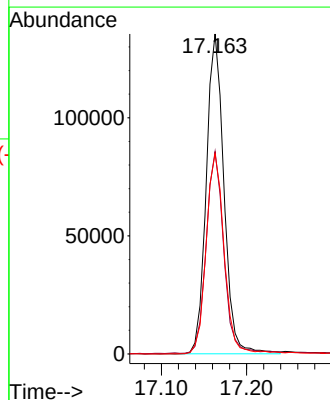
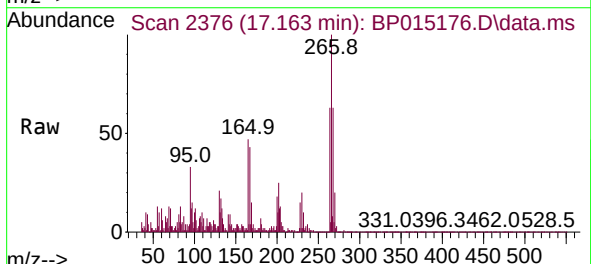
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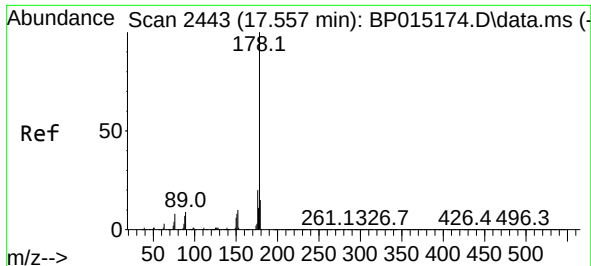
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#71
Pentachlorophenol
Concen: 16.168 ng/ul
RT: 17.163 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BP015176.D
Acq: 19 May 2023 17:02

Tgt Ion:266 Resp: 195075
Ion Ratio Lower Upper
266 100
264 63.2 51.0 76.4
268 62.6 51.8 77.6





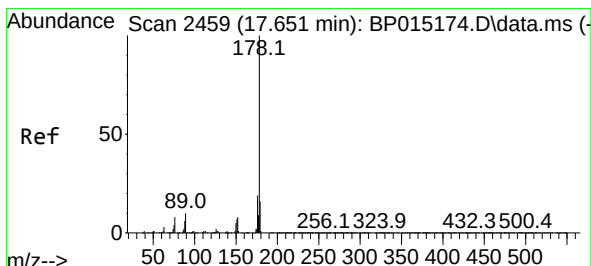
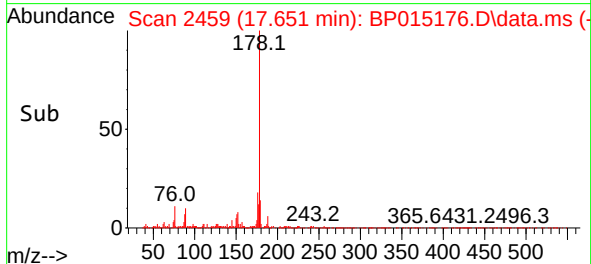
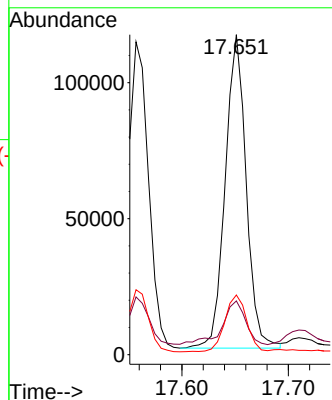
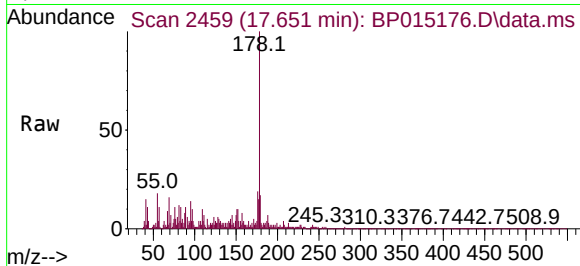
#72
Phenanthrene
Concen: 1.822 ng/ul
RT: 17.651 min Scan# 2443
Delta R.T. 0.088 min
Lab File: BP015176.D
Acq: 19 May 2023 17:02

Instrument :
BNA_P
ClientSampleId :
JREA4

Tgt Ion:178 Resp: 157189
Ion Ratio Lower Upper
178 100
179 16.8 12.2 18.2
176 18.6 15.6 23.4

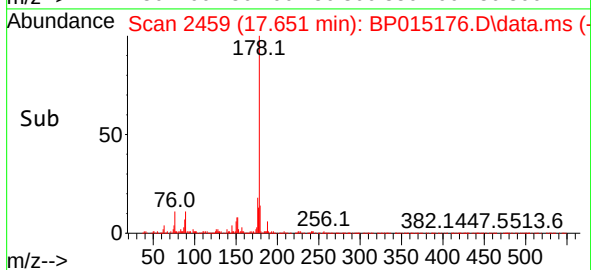
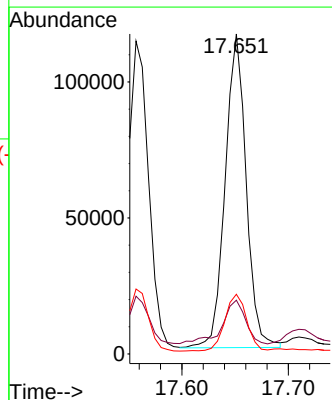
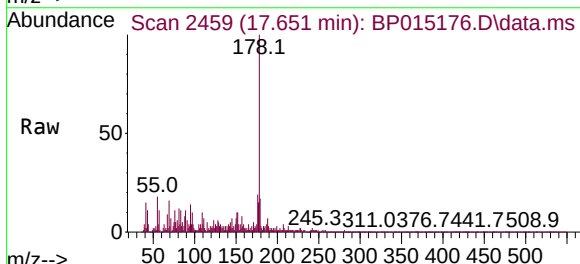
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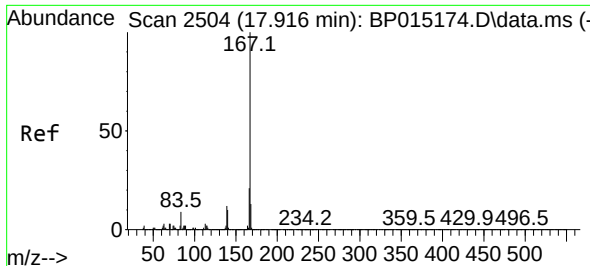
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#74
Anthracene
Concen: 1.807 ng/ul
RT: 17.651 min Scan# 2459
Delta R.T. -0.006 min
Lab File: BP015176.D
Acq: 19 May 2023 17:02

Tgt Ion:178 Resp: 157655
Ion Ratio Lower Upper
178 100
179 16.8 12.2 18.2
176 18.6 15.2 22.8





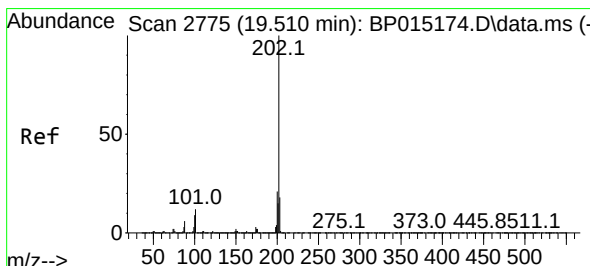
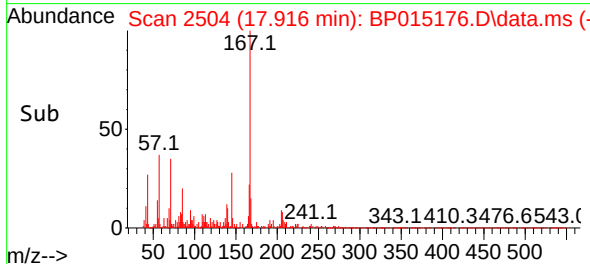
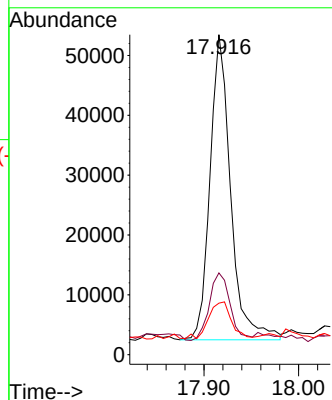
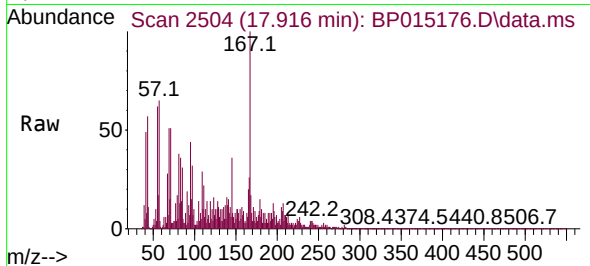
#77
 Carbazole
 Concen: 1.009 ng/ul
 RT: 17.916 min Scan# 2504
 Delta R.T. 0.000 min
 Lab File: BP015176.D
 Acq: 19 May 2023 17:02

Instrument :
 BNA_P
 ClientSampleId :
 JREA4

Tgt Ion:167 Resp: 77180
 Ion Ratio Lower Upper
 167 100
 166 25.6 17.4 26.2
 139 16.1 10.2 15.4

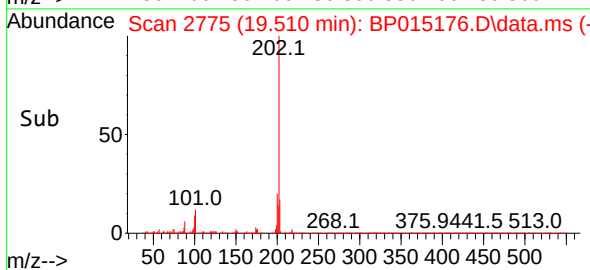
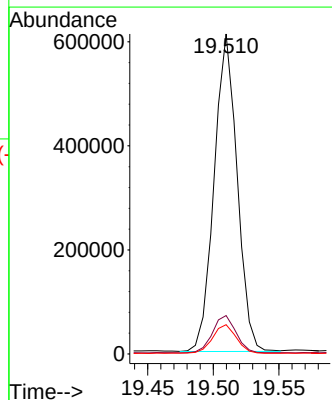
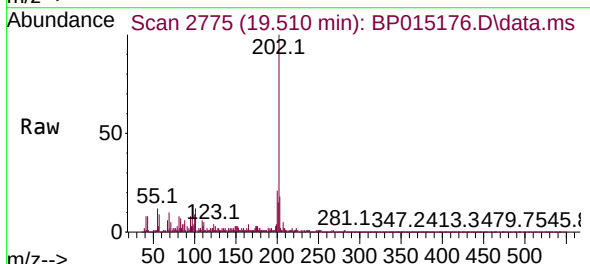
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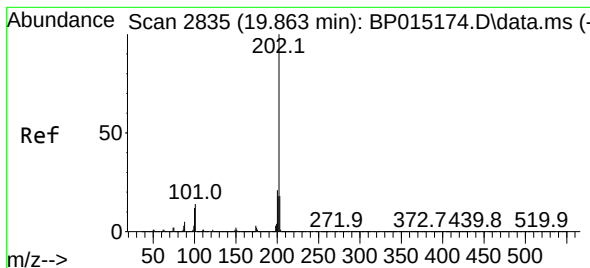
Reviewed By :Christian Giraldo 05/22/2023
 Supervised By :Jagrut Upadhyay 05/22/2023



#80
 Fluoranthene
 Concen: 8.757 ng/ul
 RT: 19.510 min Scan# 2775
 Delta R.T. 0.000 min
 Lab File: BP015176.D
 Acq: 19 May 2023 17:02

Tgt Ion:202 Resp: 744332
 Ion Ratio Lower Upper
 202 100
 101 12.0 9.5 14.3
 100 9.1 7.3 10.9





#82

Pyrene

Concen: 8.438 ng/ul

RT: 19.863 min Scan# 2835

Delta R.T. -0.006 min

Lab File: BP015176.D

Acq: 19 May 2023 17:02

Instrument :

BNA_P

ClientSampleId :

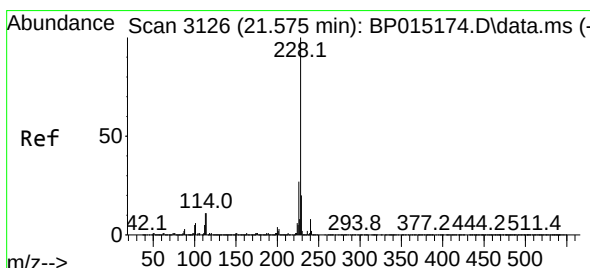
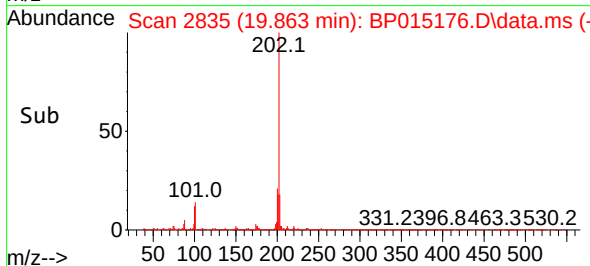
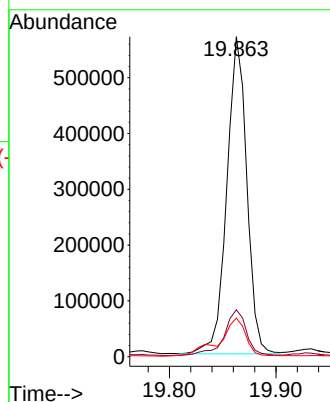
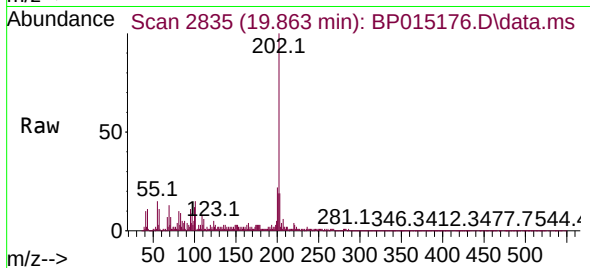
JREA4

Tgt Ion:	202	Resp:	74062
Ion Ratio	Lower	Upper	
202	100		
101	14.6	11.2	16.8
100	12.1	9.0	13.6

Manual Integrations

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



#85

Benzo(a)anthracene

Concen: 3.608 ng/ul

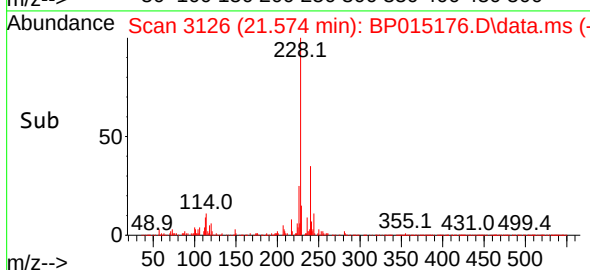
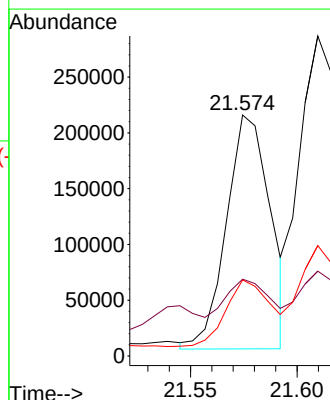
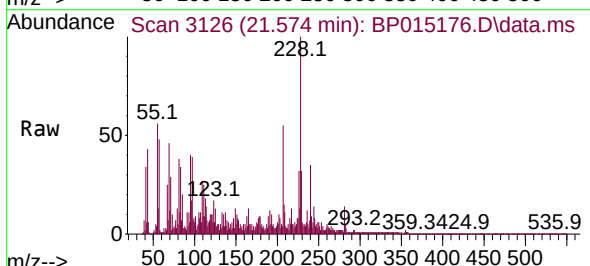
RT: 21.574 min Scan# 3126

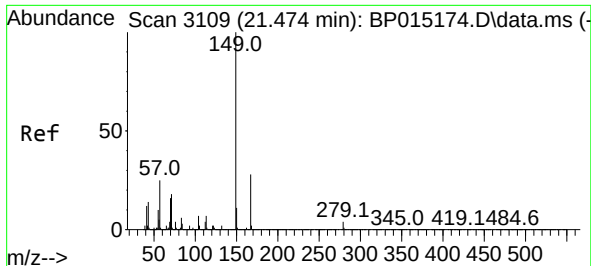
Delta R.T. -0.006 min

Lab File: BP015176.D

Acq: 19 May 2023 17:02

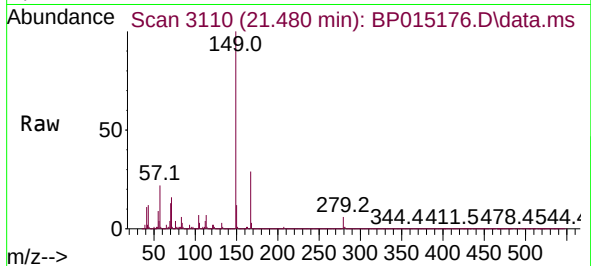
Tgt Ion:	228	Resp:	300006
Ion Ratio	Lower	Upper	
228	100		
229	31.9	16.1	24.1
226	31.6	21.9	32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 138.740 ng/ul
RT: 21.480 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP015176.D
Acq: 19 May 2023 17:02

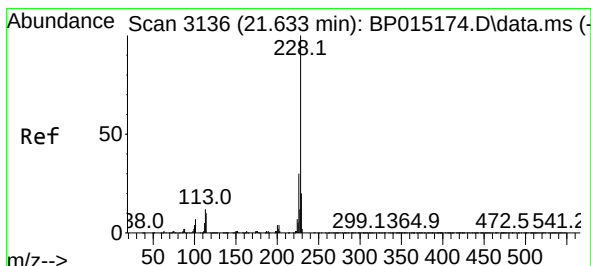
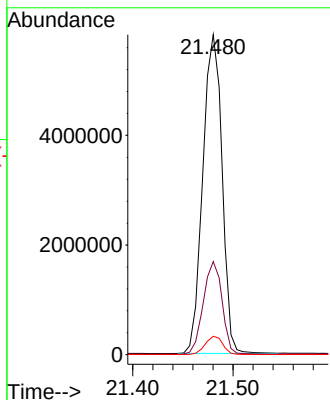
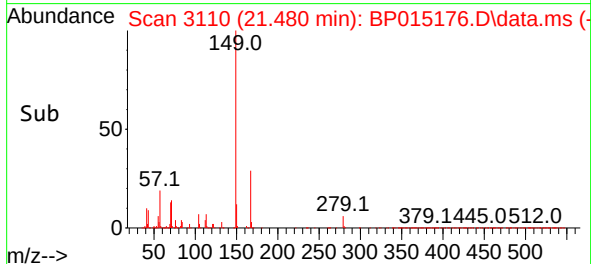
Instrument :
BNA_P
ClientSampleId :
JREA4



Tgt Ion:149 Resp: 777246
Ion Ratio Lower Upper
149 100
167 29.1 21.8 32.6
279 5.8 3.2 4.8

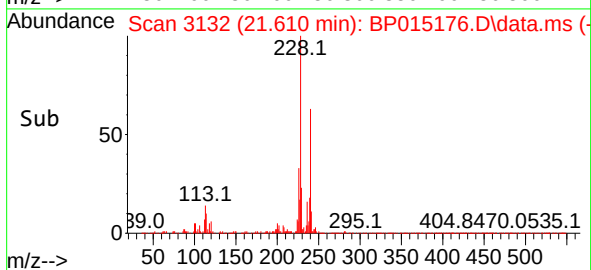
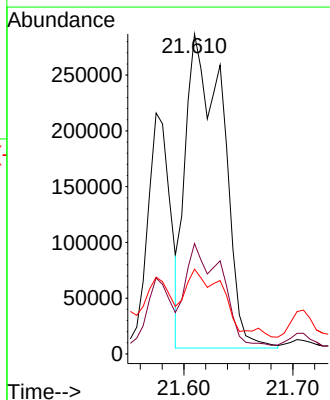
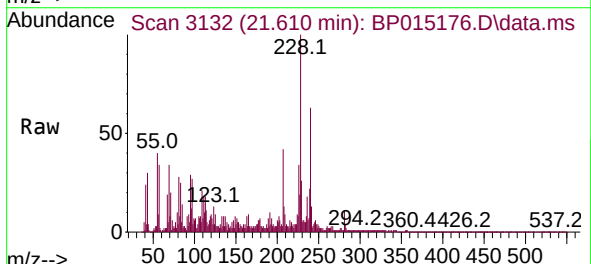
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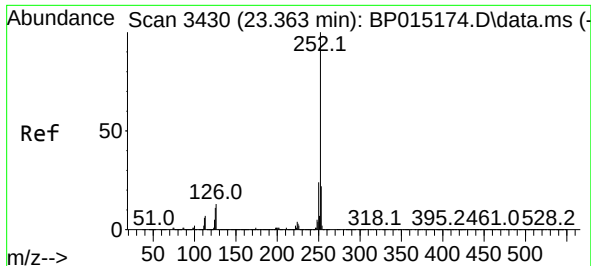
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#87
Chrysene
Concen: 8.423 ng/ul m
RT: 21.610 min Scan# 3132
Delta R.T. -0.024 min
Lab File: BP015176.D
Acq: 19 May 2023 17:02

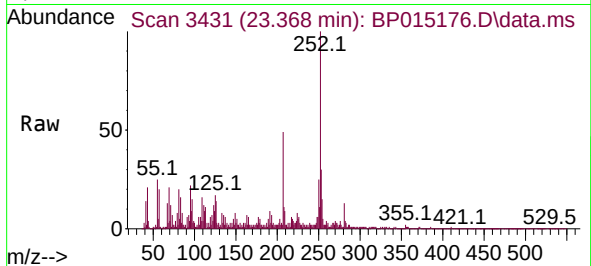
Tgt Ion:228 Resp: 669409
Ion Ratio Lower Upper
228 100
226 34.5 25.0 37.6
229 26.5 16.1 24.1





#90
Benzo(b)fluoranthene
Concen: 10.642 ng/ul
RT: 23.368 min Scan# 3430
Delta R.T. 0.000 min
Lab File: BP015176.D
Acq: 19 May 2023 17:02

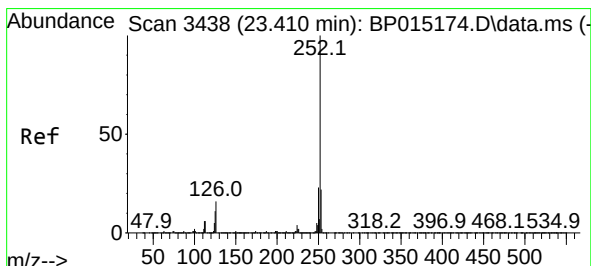
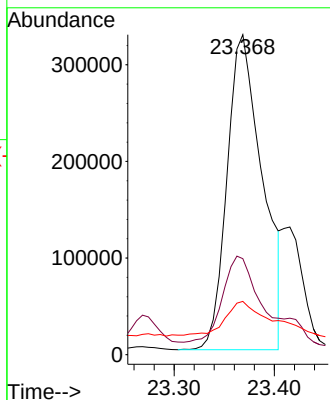
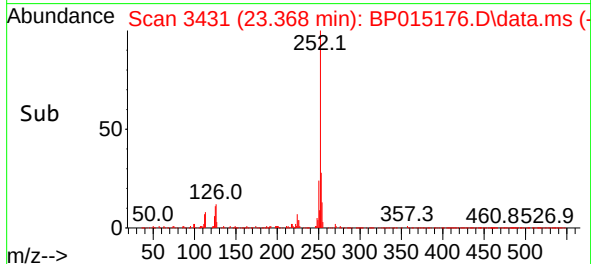
Instrument :
BNA_P
ClientSampleId :
JREA4



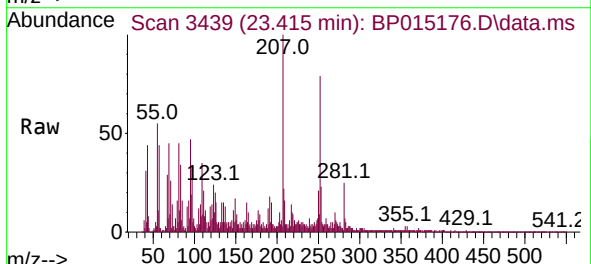
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Ion Ratio Lower Upper
252 100
253 30.0 17.4 26.2#
125 16.7 8.3 12.5#

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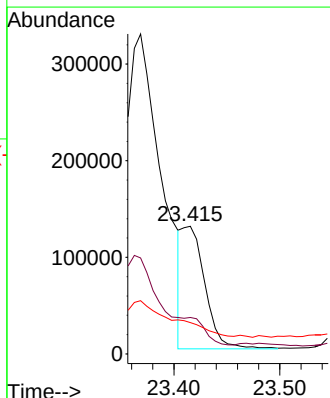
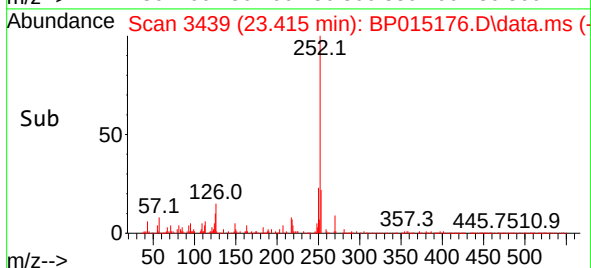
Reviewed By :Christian Giraldo 05/22/2023
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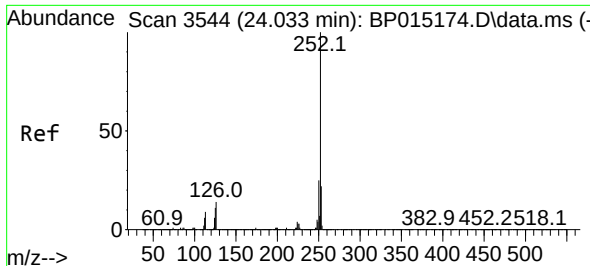


#91
Benzo(k)fluoranthene
Concen: 2.637 ng/ul m
RT: 23.415 min Scan# 3439
Delta R.T. -0.006 min
Lab File: BP015176.D
Acq: 19 May 2023 17:02



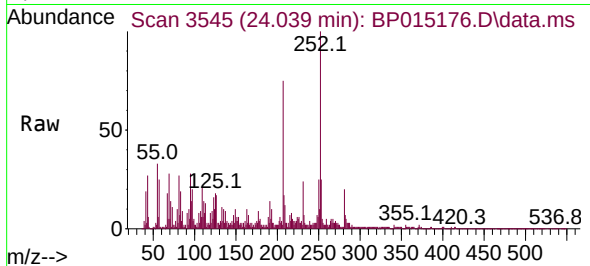
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Ion Ratio Lower Upper
252 100
253 28.6 17.5 26.3#
125 24.6 8.5 12.7#





#93
Benzo(a)pyrene
Concen: 6.681 ng/ul
RT: 24.039 min Scan# 3544
Delta R.T. -0.006 min
Lab File: BP015176.D
Acq: 19 May 2023 17:02

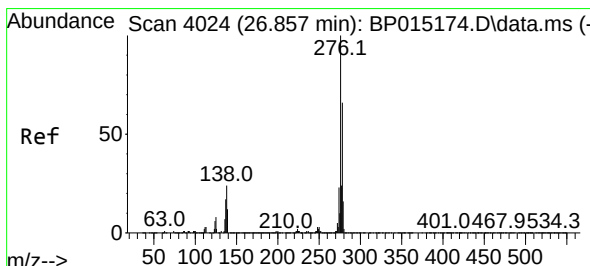
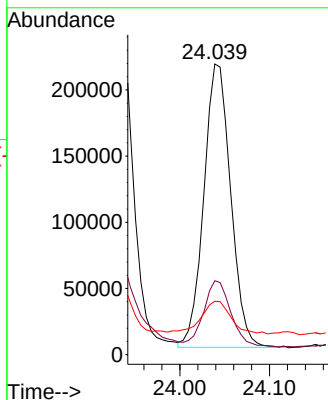
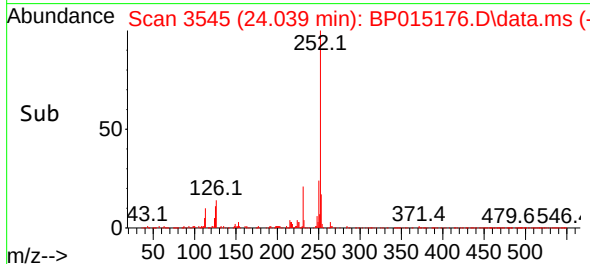
Instrument :
BNA_P
ClientSampleId :
JREA4



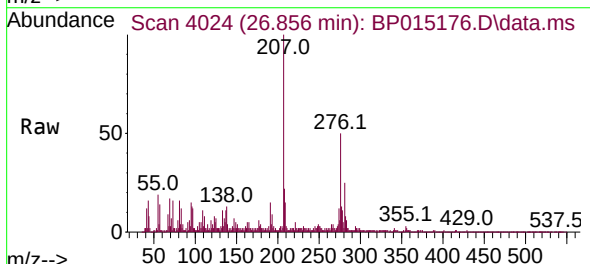
Tgt Ion: 252 Resp: 44527
Ion Ratio Lower Upper
252 100
253 25.5 17.2 25.8
125 18.4 9.1 13.7

Manual Integrations
APPROVED

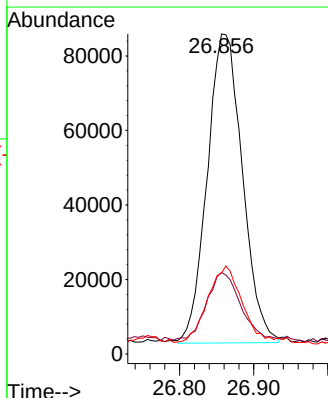
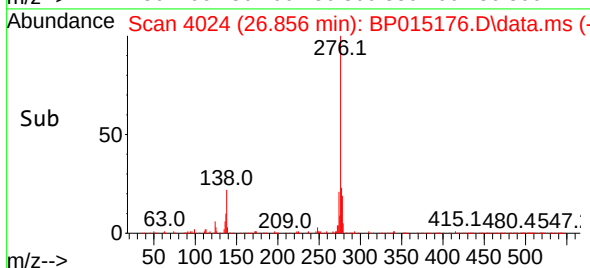
Reviewed By : Christian Giraldo 05/22/2023
Supervised By : Jagrut Upadhyay 05/22/2023

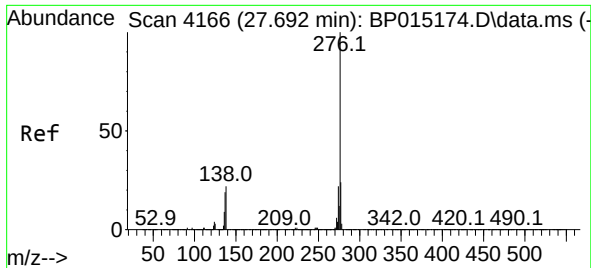


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.164 ng/ul
RT: 26.856 min Scan# 4024
Delta R.T. -0.012 min
Lab File: BP015176.D
Acq: 19 May 2023 17:02



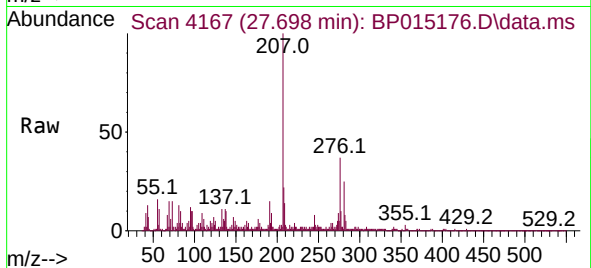
Tgt Ion: 276 Resp: 273087
Ion Ratio Lower Upper
276 100
138 25.5 20.1 30.1
277 25.4 19.8 29.8





#96
 Benzo(g,h,i)perylene
 Concen: 3.292 ng/ul
 RT: 27.698 min Scan# 4167
 Delta R.T. -0.006 min
 Lab File: BP015176.D
 Acq: 19 May 2023 17:02

Instrument :
 BNA_P
 ClientSampleId :
 JREA4



Tgt Ion: 276 Resp: 231670
 Ion Ratio Lower Upper
 276 100
 138 26.0 17.7 26.5
 277 26.0 18.8 28.2

Manual Integrations
 APPROVED

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

