

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
 Data File : BM035747.D
 Acq On : 29 Jun 2022 05:53
 Operator : CG/JU
 Sample : N3375-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4T5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/29/2022
 Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jun 29 07:03:35 2022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 29 05:17:22 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	4599m	0.400	ng/ul	-0.08
4) Naphthalene-d8	10.567	136	14335	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.414	164	7990m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.162	188	15789m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.362	240	14063	0.400	ng/ul	-0.01
23) Perylene-d12	23.680	264	16644	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.209	96	28032	4.491	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	6672	0.297	ng/ul	-0.02
18) Fluoranthene-d10	19.197	212	15853	0.334	ng/ul	-0.02
Target Compounds						
					Qvalue	
14) Pentachlorophenol	16.875	266	400m	0.160	ng/ul	
15) Phenanthrene	17.200	178	3562m	0.062	ng/ul	
16) Anthracene	17.289	178	4952	0.104	ng/ul#	90
19) Fluoranthene	19.230	202	9434	0.134	ng/ul	96
20) Pyrene	19.578	202	10194m	0.129	ng/ul	
21) Benzo(a)anthracene	21.350	228	11960	0.246	ng/ul	98
22) Chrysene	21.400	228	16345	0.261	ng/ul	99
24) Benzo(b)fluoranthene	22.972	252	17014	0.238	ng/ul	95
25) Benzo(k)fluoranthene	23.016	252	19176	0.263	ng/ul	98
26) Benzo(a)pyrene	23.560	252	15139	0.208	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.091	276	23365	0.294	ng/ul	93
28) Dibenzo(a,h)anthracene	26.094	278	20932	0.333	ng/ul	97
29) Benzo(g,h,i)perylene	26.822	276	20977	0.286	ng/ul	98

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

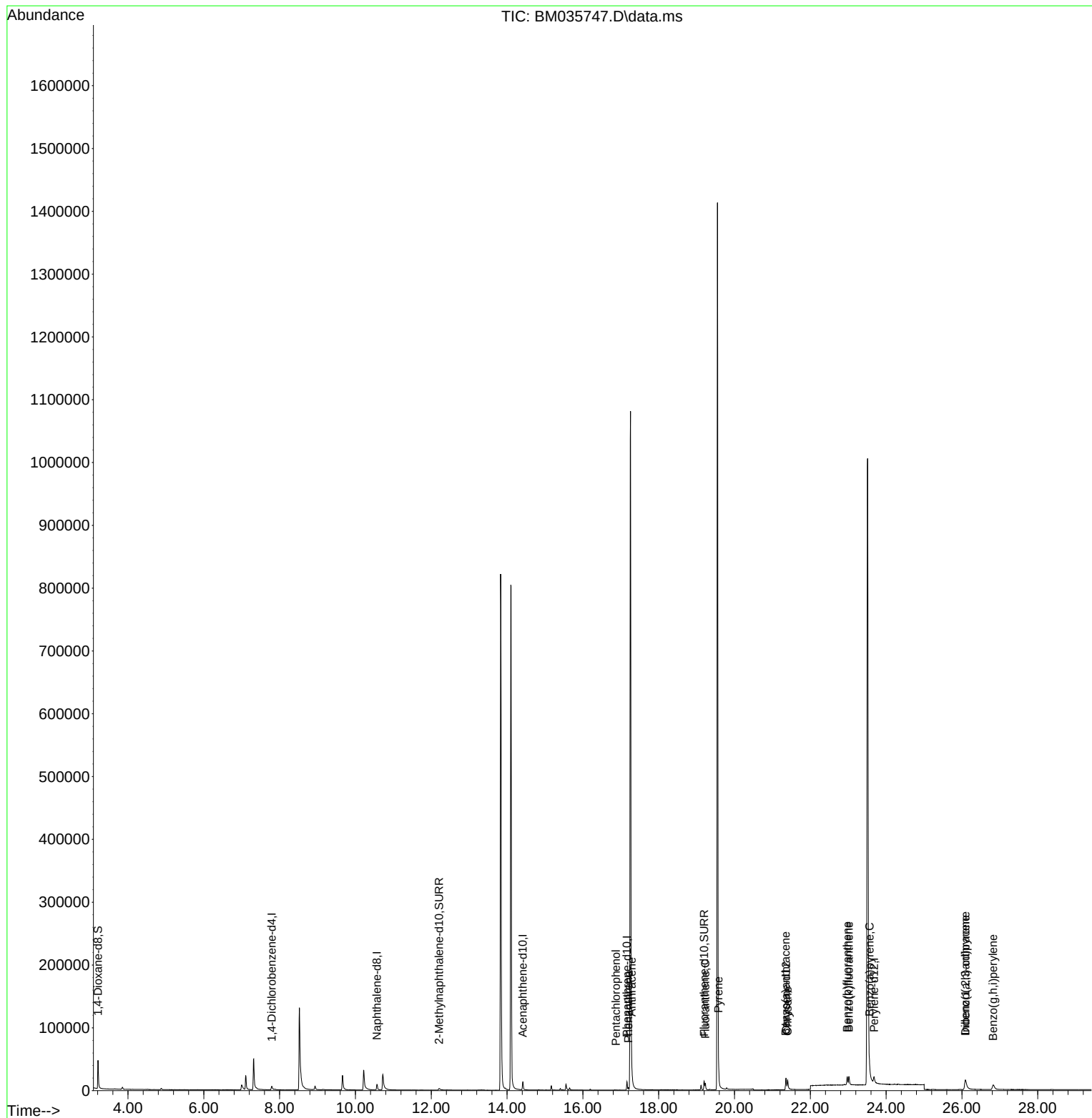
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
Data File : BM035747.D
Acq On : 29 Jun 2022 05:53
Operator : CG/JU
Sample : N3375-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

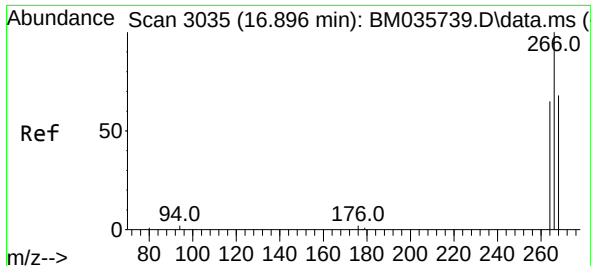
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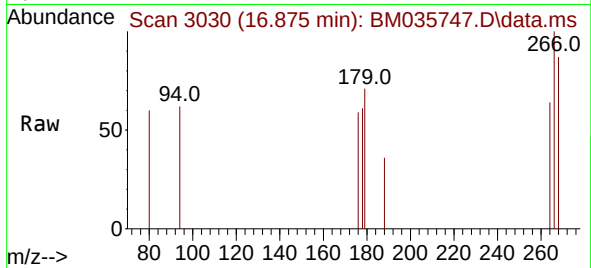
Quant Time: Jun 29 07:03:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#14
Pentachlorophenol
Concen: 0.160 ng/ul m
RT: 16.875 min Scan# 3107
Delta R.T. -0.021 min
Lab File: BM035747.D
Acq: 29 Jun 2022 05:53

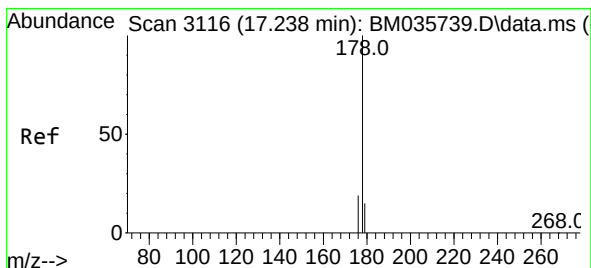
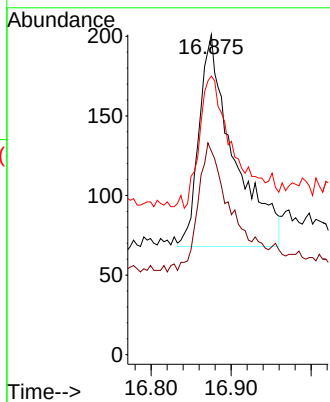
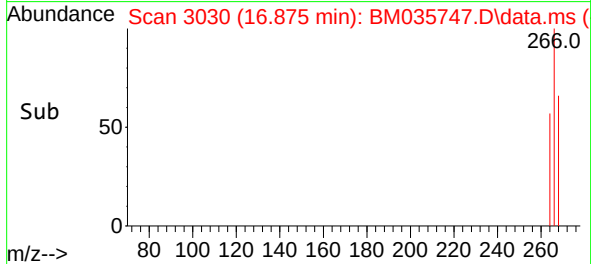
Instrument :
BNA_M
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EW4T5



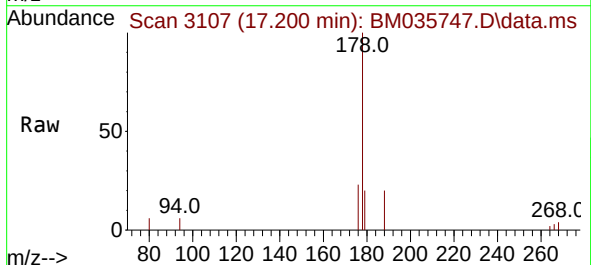
Tgt Ion:266 Resp: 400
Ion Ratio Lower Upper
266 100
264 37.5 50.3 75.5
268 44.5 53.5 80.3

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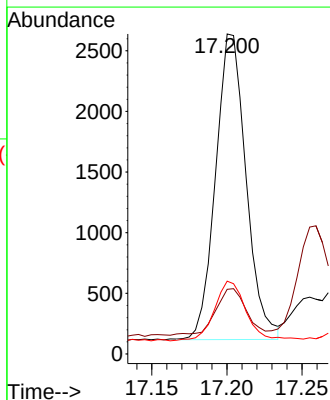
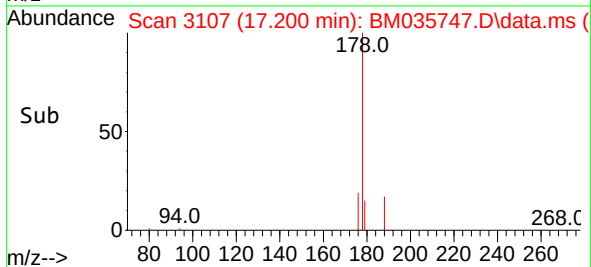
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

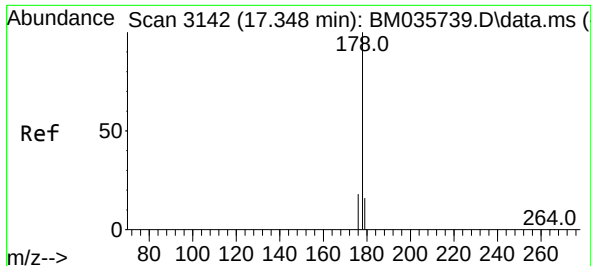


#15
Phenanthrene
Concen: 0.062 ng/ul m
RT: 17.200 min Scan# 3107
Delta R.T. -0.038 min
Lab File: BM035747.D
Acq: 29 Jun 2022 05:53



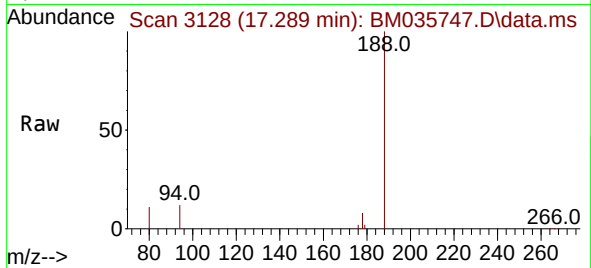
Tgt Ion:178 Resp: 3562
Ion Ratio Lower Upper
178 100
179 20.2 13.0 19.6
176 22.7 15.6 23.4





#16
 Anthracene
 Concen: 0.104 ng/u1
 RT: 17.289 min Scan# 3142
 Delta R.T. -0.059 min
 Lab File: BM035747.D
 Acq: 29 Jun 2022 05:53

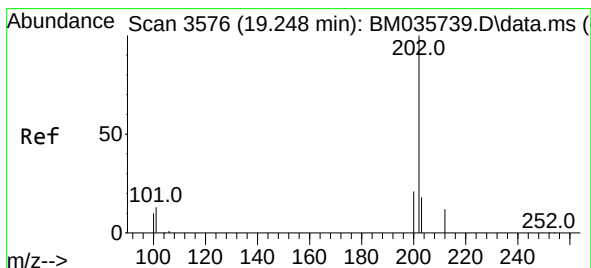
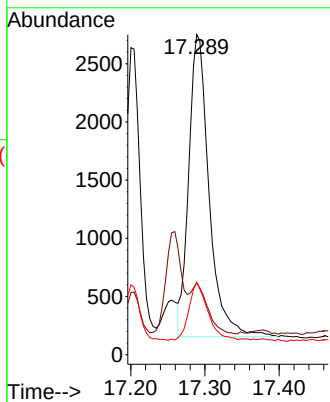
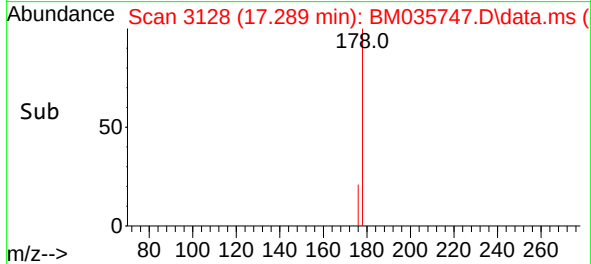
Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:178 Resp: 4952
 Ion Ratio Lower Upper
 178 100
 179 22.4 13.6 20.4
 176 22.7 15.6 23.4

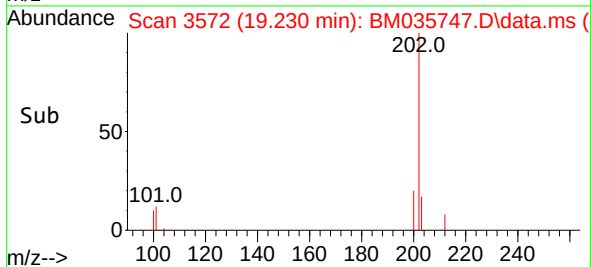
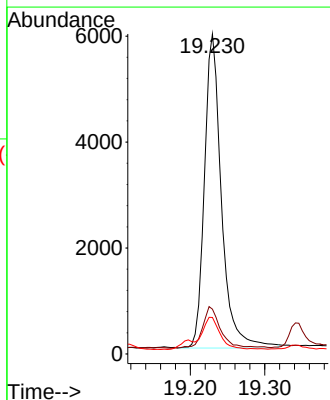
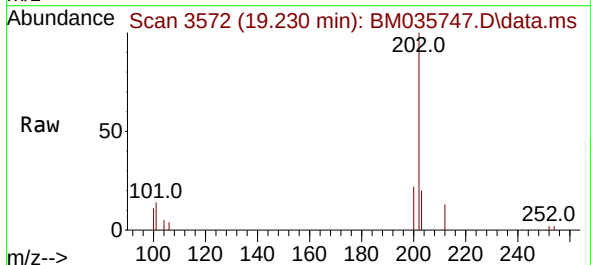
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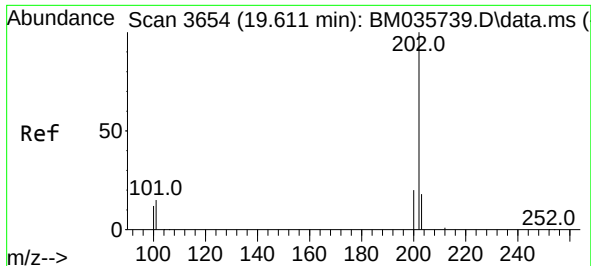
Reviewed By :Jagrut Upadhyay 06/29/2022
 Supervised By :mohammad ahmed 07/01/2022



#19
 Fluoranthene
 Concen: 0.134 ng/u1
 RT: 19.230 min Scan# 3572
 Delta R.T. -0.018 min
 Lab File: BM035747.D
 Acq: 29 Jun 2022 05:53

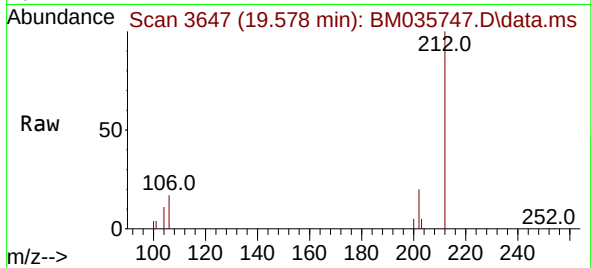
Tgt Ion:202 Resp: 9434
 Ion Ratio Lower Upper
 202 100
 101 14.0 10.1 15.1
 100 11.4 7.9 11.9





#20
Pyrene
Concen: 0.129 ng/ul m
RT: 19.578 min Scan# 3647
Delta R.T. -0.032 min
Lab File: BM035747.D
Acq: 29 Jun 2022 05:53

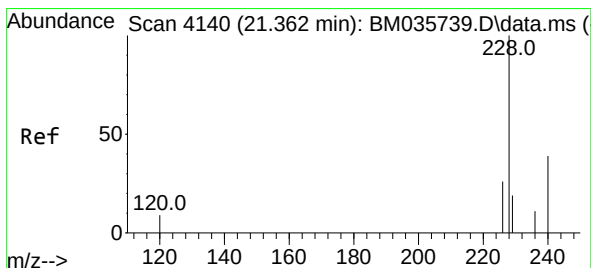
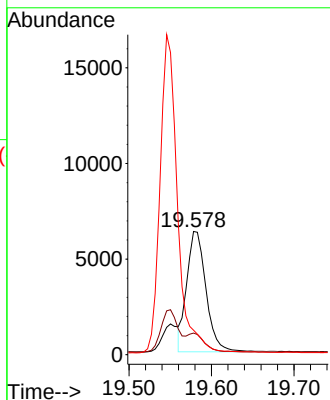
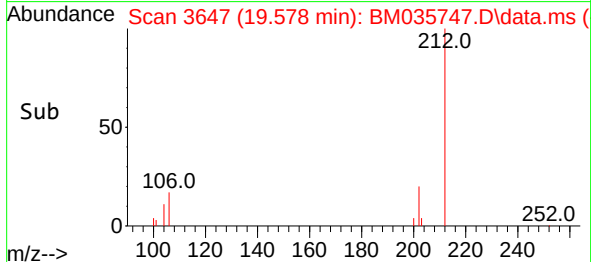
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 10194
Ion Ratio Lower Upper
202 100
101 17.6 12.0 18.0
100 19.9 9.8 14.6

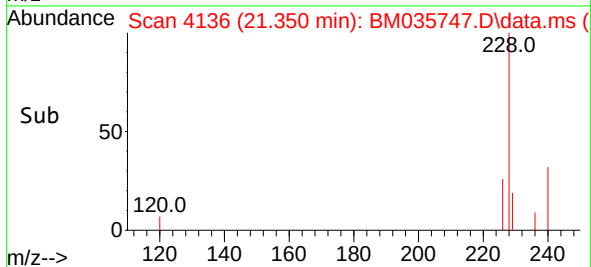
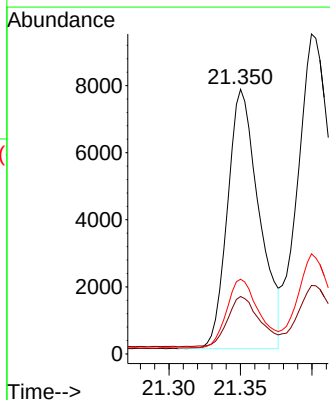
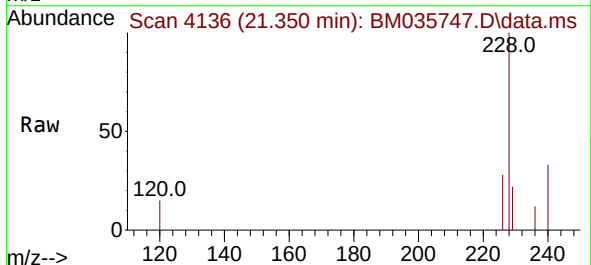
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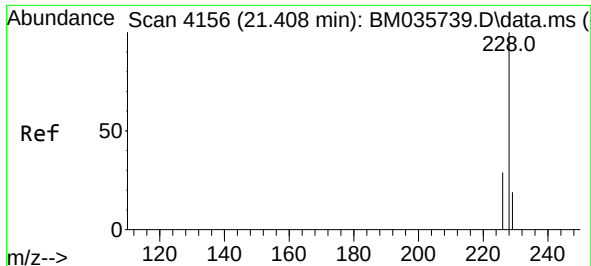
Reviewed By :Jagrut Upadhyay 06/29/2022
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#21
Benzo(a)anthracene
Concen: 0.246 ng/ul
RT: 21.350 min Scan# 4136
Delta R.T. -0.012 min
Lab File: BM035747.D
Acq: 29 Jun 2022 05:53

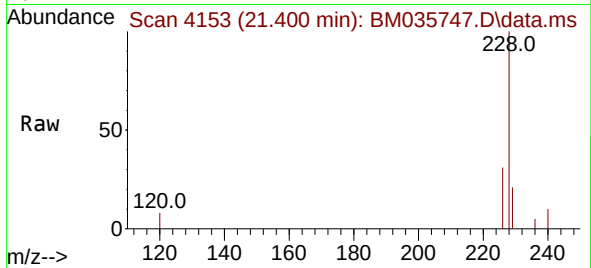
Tgt Ion:228 Resp: 11960
Ion Ratio Lower Upper
228 100
229 21.7 16.2 24.2
226 28.2 22.5 33.7





#22
Chrysene
Concen: 0.261 ng/u1
RT: 21.400 min Scan# 4156
Delta R.T. -0.009 min
Lab File: BM035747.D
Acq: 29 Jun 2022 05:53

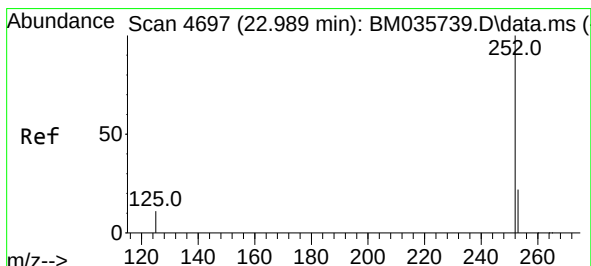
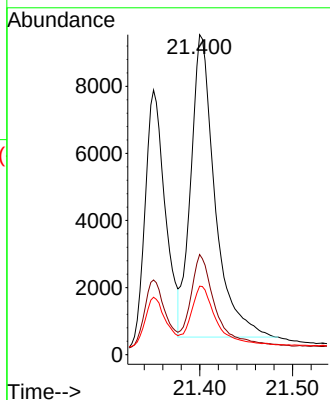
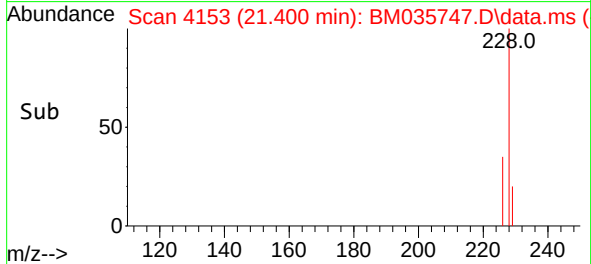
Instrument :
BNA_M
ClientSampleId :
EW4T5



Tgt Ion:228 Resp: 16345
Ion Ratio Lower Upper
228 100
226 31.3 24.6 37.0
229 21.4 16.4 24.6

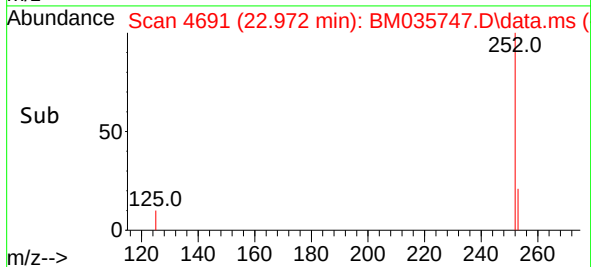
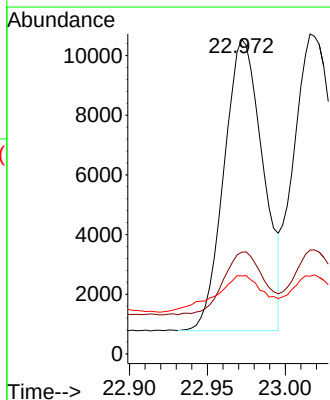
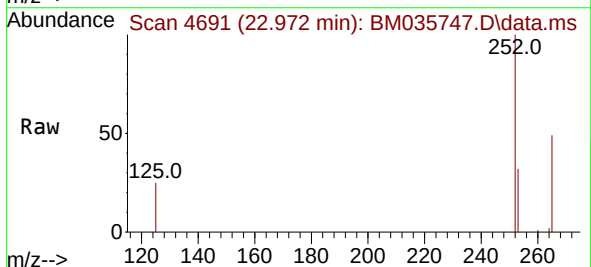
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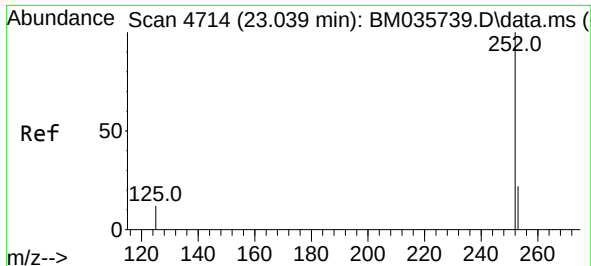
Reviewed By :Jagrut Upadhyay 06/29/2022
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#24
Benzo(b)fluoranthene
Concen: 0.238 ng/u1
RT: 22.972 min Scan# 4691
Delta R.T. -0.017 min
Lab File: BM035747.D
Acq: 29 Jun 2022 05:53

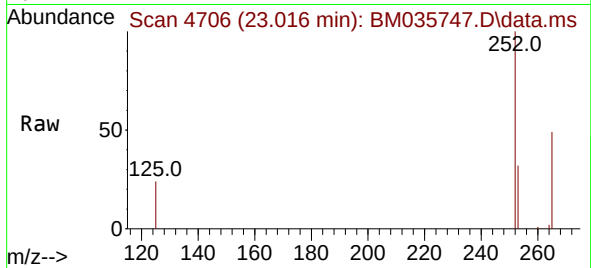
Tgt Ion:252 Resp: 17014
Ion Ratio Lower Upper
252 100
253 32.3 0.0 61.4
125 24.8 0.0 42.6





#25
Benzo(k)fluoranthene
Concen: 0.263 ng/u1
RT: 23.016 min Scan# 4714
Delta R.T. -0.023 min
Lab File: BM035747.D
Acq: 29 Jun 2022 05:53

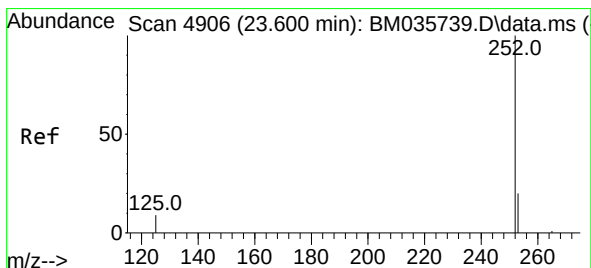
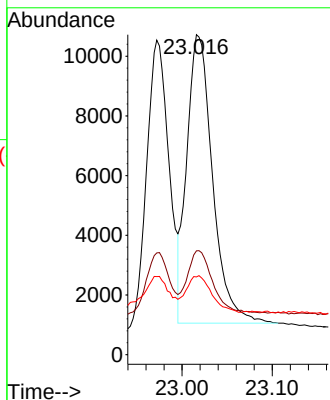
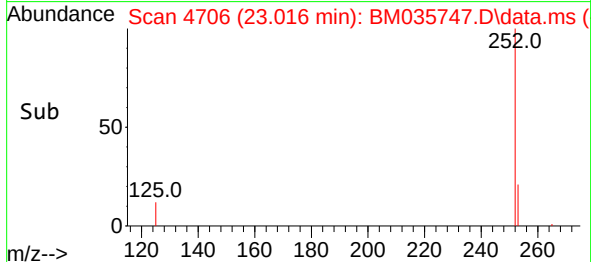
Instrument :
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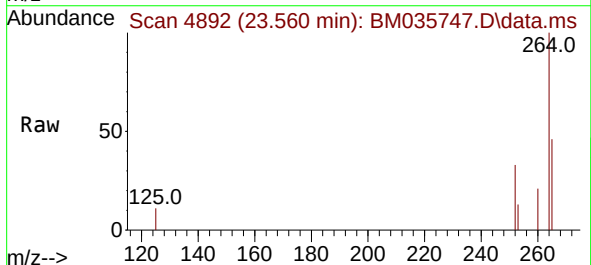
Tgt Ion:252 Resp: 19170
Ion Ratio Lower Upper
252 100
253 32.4 25.2 37.8
125 24.3 18.3 27.5

Manual Integrations
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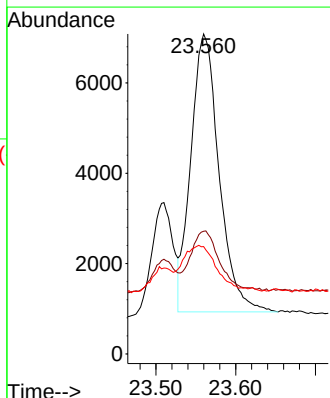
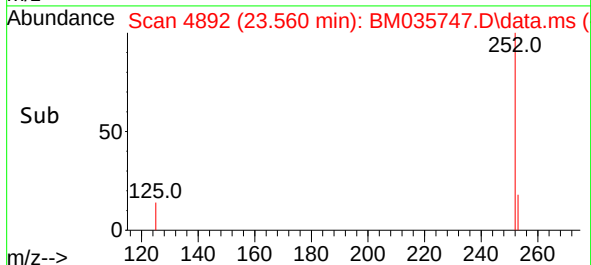
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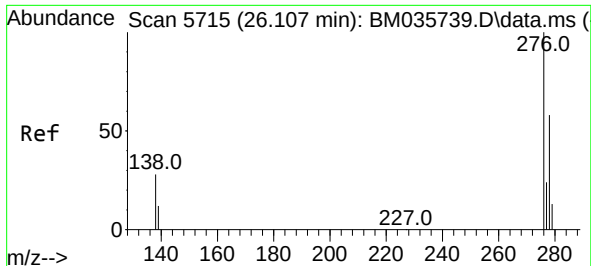


#26
Benzo(a)pyrene
Concen: 0.208 ng/u1
RT: 23.560 min Scan# 4892
Delta R.T. -0.041 min
Lab File: BM035747.D
Acq: 29 Jun 2022 05:53



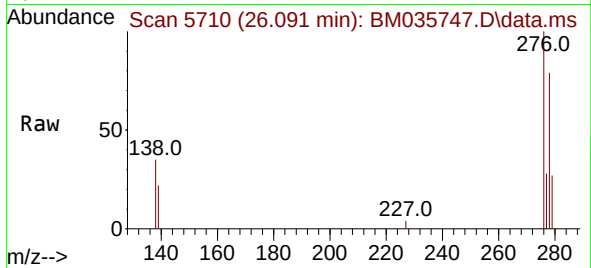
Tgt Ion:252 Resp: 15139
Ion Ratio Lower Upper
252 100
253 38.4 29.7 44.5
125 33.5 23.6 35.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.294 ng/ul
RT: 26.091 min Scan# 5710
Delta R.T. -0.017 min
Lab File: BM035747.D
Acq: 29 Jun 2022 05:53

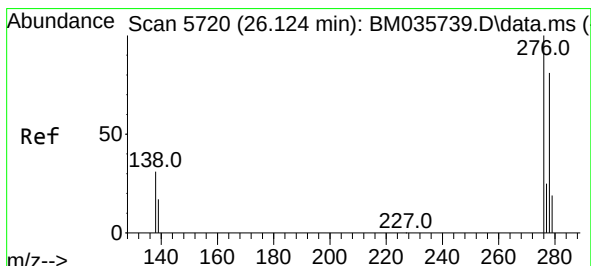
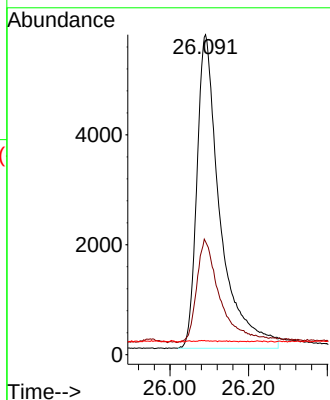
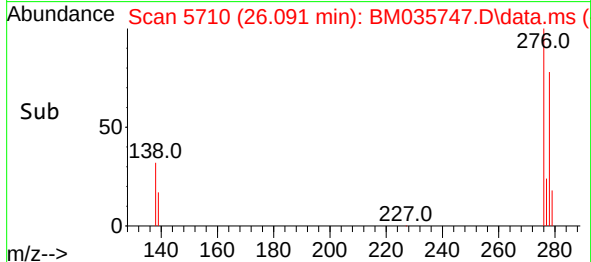
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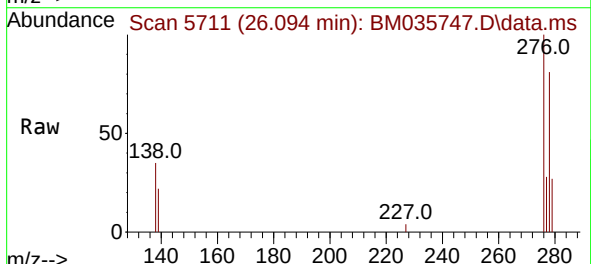
Tgt Ion:276 Resp: 2336
Ion Ratio Lower Upper
276 100
138 33.7 23.9 35.9
227 0.1 0.1 0.1

Manual Integrations
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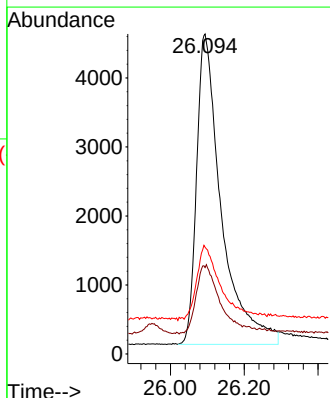
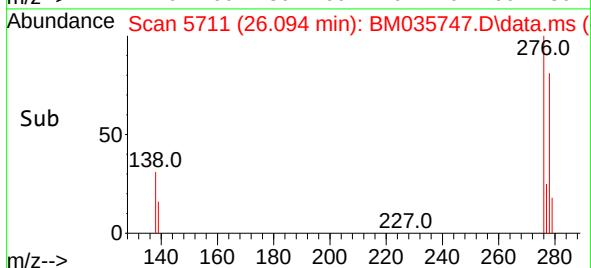
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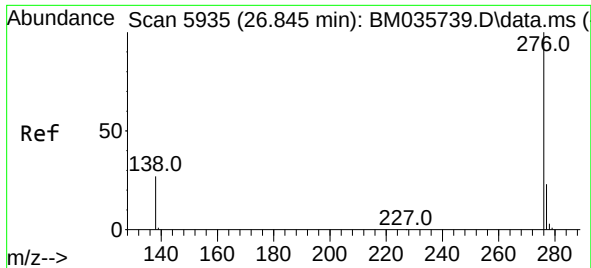


#28
Dibenzo(a,h)anthracene
Concen: 0.333 ng/ul
RT: 26.094 min Scan# 5711
Delta R.T. -0.030 min
Lab File: BM035747.D
Acq: 29 Jun 2022 05:53



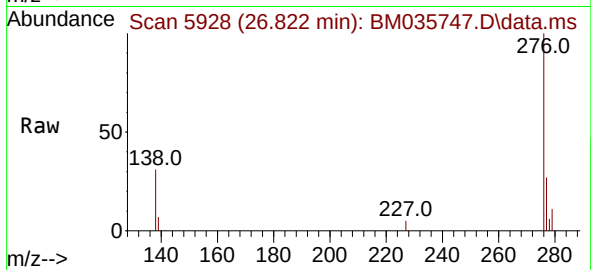
Tgt Ion:278 Resp: 20932
Ion Ratio Lower Upper
278 100
139 27.0 19.8 29.6
279 33.4 27.7 41.5





#29
Benzo(g,h,i)perylene
Concen: 0.286 ng/ul
RT: 26.822 min Scan# 5935
Delta R.T. -0.023 min
Lab File: BM035747.D
Acq: 29 Jun 2022 05:53

Instrument :
BNA_M
ClientSampleId :
EW4T5



Tgt Ion: 276 Resp: 2097
Ion Ratio Lower Upper
276 100
138 31.1 23.4 35.0
277 26.7 21.0 31.4

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