

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044149.D
 Acq On : 16 Feb 2024 21:49
 Operator : MA/JU
 Sample : P1352-08
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FN9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024

Quant Time: Feb 16 22:40:50 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Feb 15 13:40:24 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	8647	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	29141	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	15211	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	31320m	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	19426m	0.400	ng/ul	0.00
23) Perylene-d12	23.888	264	20708	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	49537	4.045	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	11090	0.272	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	21444	0.370	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.749	128	2331	0.027	ng/ul#	85
7) 2-Methylnaphthalene	12.365	142	1537	0.029	ng/ul	100
14) Pentachlorophenol	16.942	266	342	0.030	ng/ul	95
15) Phenanthrene	17.339	178	5664	0.057	ng/ul	94
19) Fluoranthene	19.359	202	13202	0.149	ng/ul#	90
20) Pyrene	19.721	202	12090m	0.130	ng/ul	
21) Benzo(a)anthracene	21.482	228	4467	0.050	ng/ul#	85
22) Chrysene	21.535	228	6285	0.066	ng/ul#	93
24) Benzo(b)fluoranthene	23.163	252	6836	0.080	ng/ul#	59
25) Benzo(k)fluoranthene	23.207	252	3083m	0.033	ng/ul	
26) Benzo(a)pyrene	23.783	252	3687	0.046	ng/ul#	45
27) Indeno(1,2,3-cd)pyrene	26.363	276	2902	0.029	ng/ul#	82
29) Benzo(g,h,i)perylene	27.128	276	2787	0.031	ng/ul#	67

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

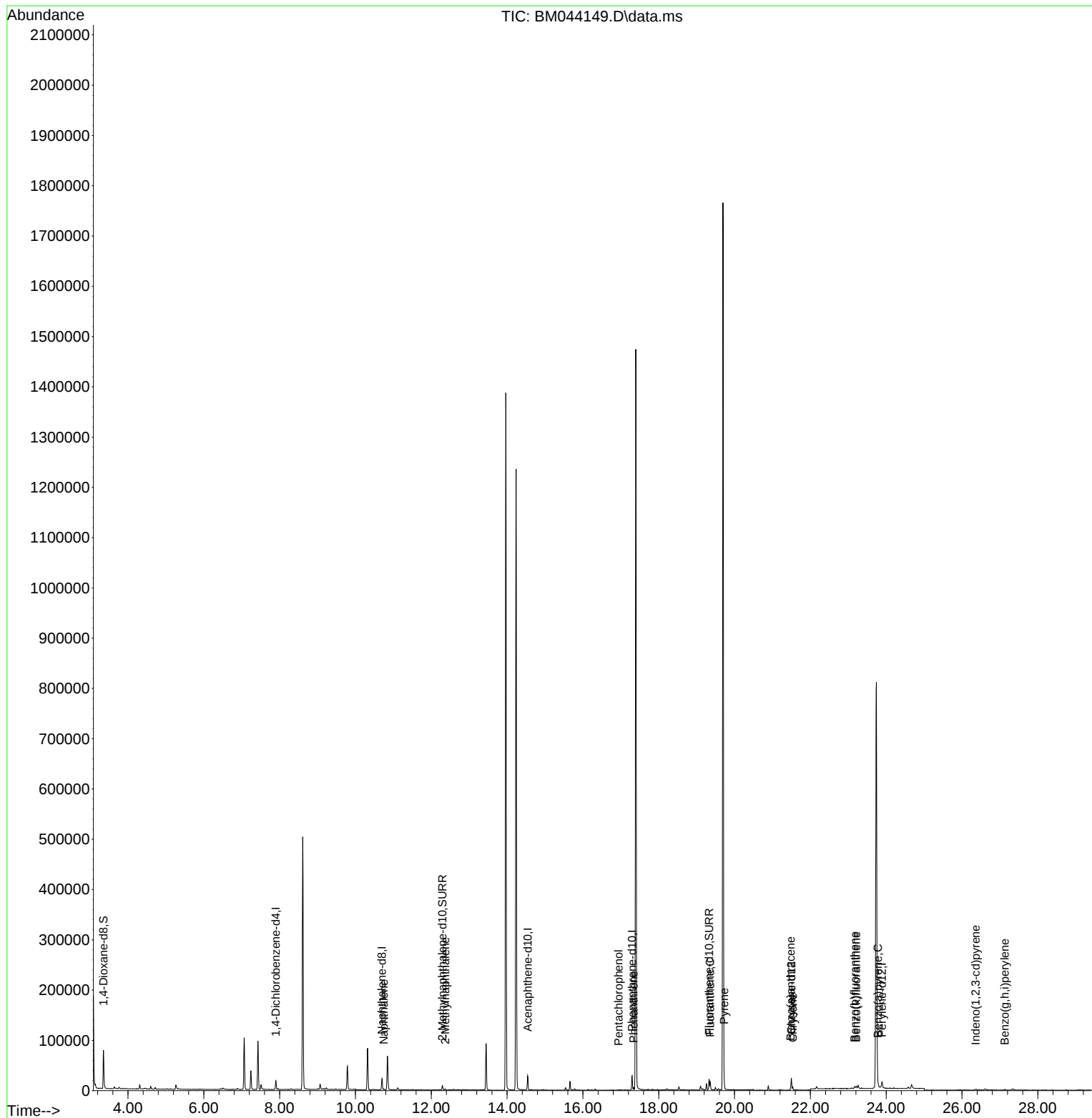
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044149.D
Acq On : 16 Feb 2024 21:49
Operator : MA/JU
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ALS Vial : 60 Sample Multiplier: 1

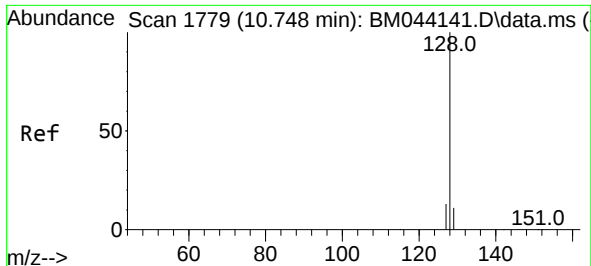
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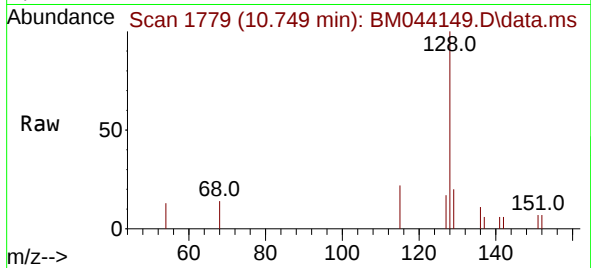
Quant Time: Feb 16 22:40:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.749 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044149.D
Acq: 16 Feb 2024 21:49

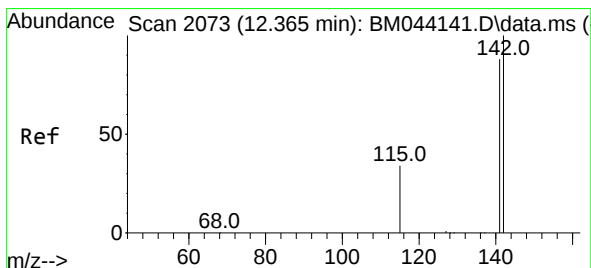
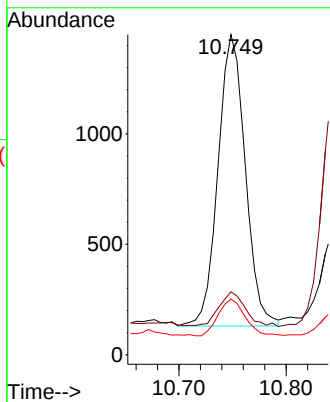
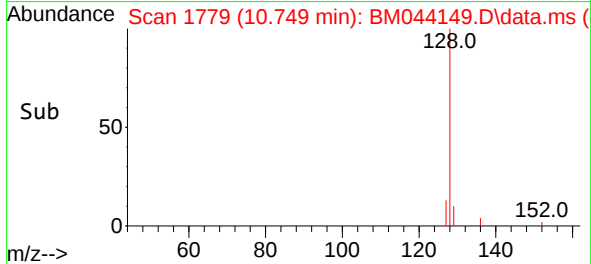
Instrument :
BNA_M
ClientSampleId :
COFN9



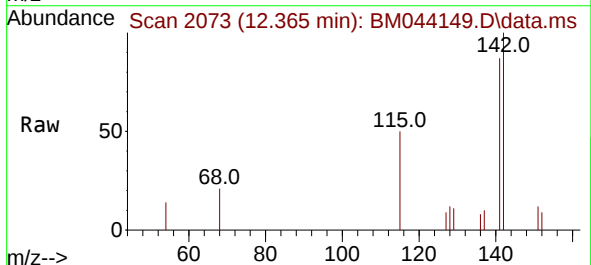
Tgt Ion:128 Resp: 233
Ion Ratio Lower Upper
128 100
129 19.7 9.5 14.3
127 17.4 10.7 16.1

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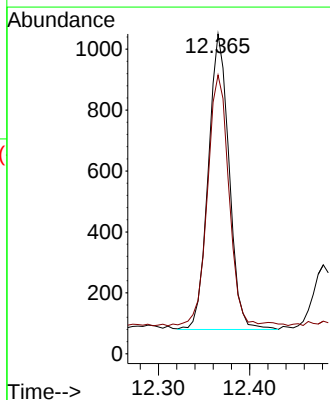
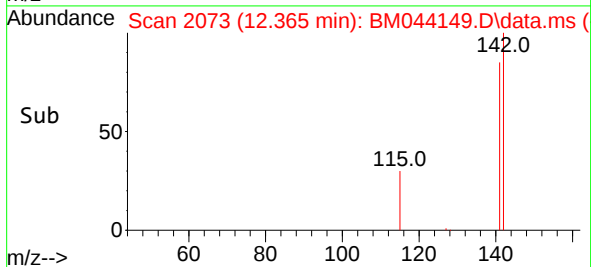
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

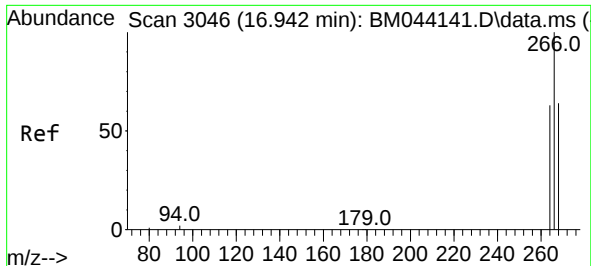


#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044149.D
Acq: 16 Feb 2024 21:49



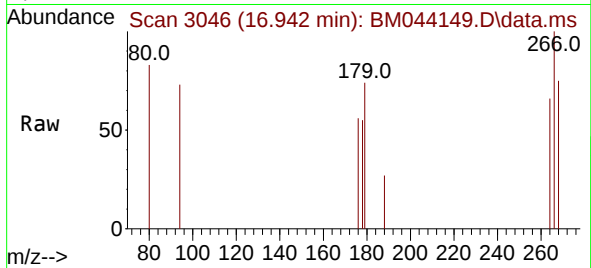
Tgt Ion:142 Resp: 1537
Ion Ratio Lower Upper
142 100
141 88.0 70.0 105.0





#14
Pentachlorophenol
Concen: 0.030 ng/ul
RT: 16.942 min Scan# 3046
Delta R.T. -0.004 min
Lab File: BM044149.D
Acq: 16 Feb 2024 21:49

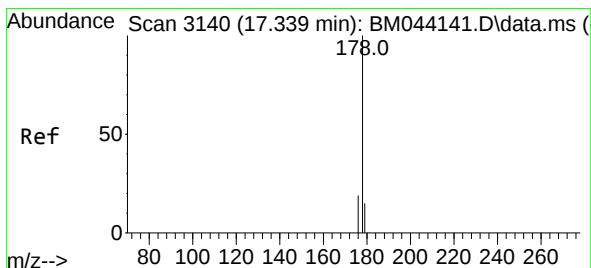
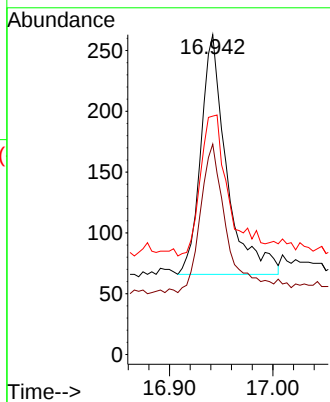
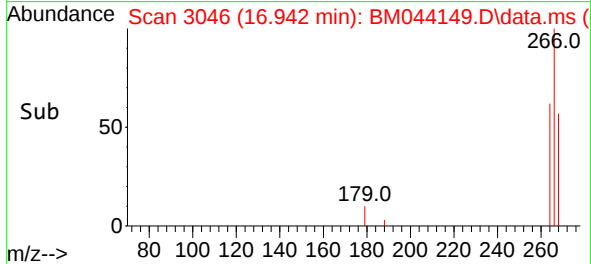
Instrument :
BNA_M
ClientSampleId :
COFN9



Tgt Ion:266 Resp: 342
Ion Ratio Lower Upper
266 100
264 64.6 49.4 74.0
268 69.6 52.1 78.1

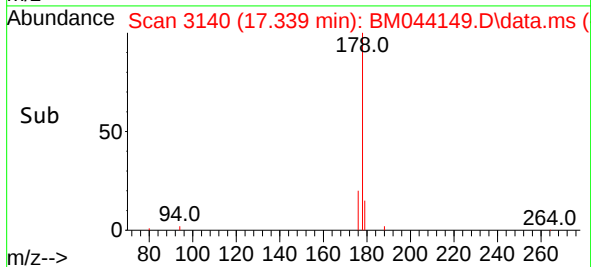
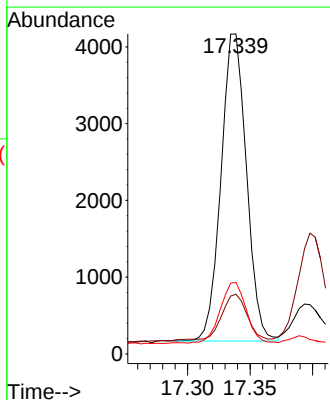
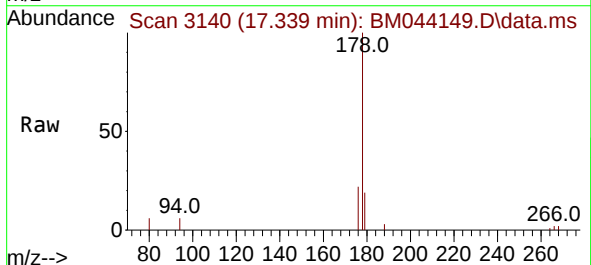
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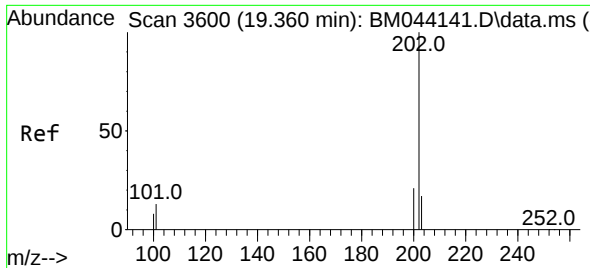
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#15
Phenanthrene
Concen: 0.057 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM044149.D
Acq: 16 Feb 2024 21:49

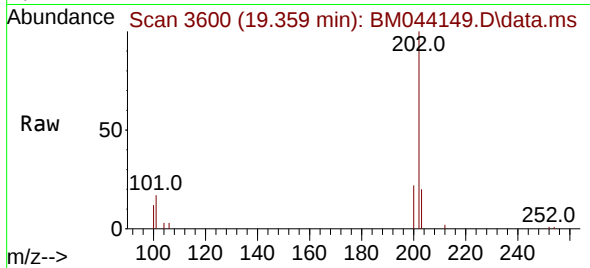
Tgt Ion:178 Resp: 5664
Ion Ratio Lower Upper
178 100
179 18.7 12.6 19.0
176 22.4 16.0 24.0





#19
Fluoranthene
Concen: 0.149 ng/ul
RT: 19.359 min Scan# 3600
Delta R.T. -0.004 min
Lab File: BM044149.D
Acq: 16 Feb 2024 21:49

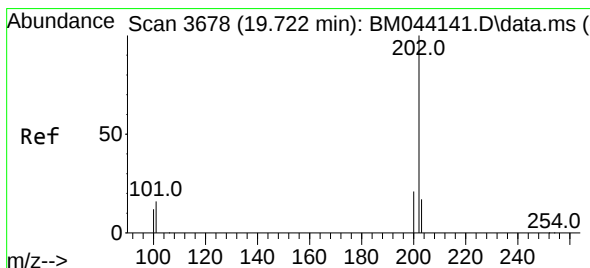
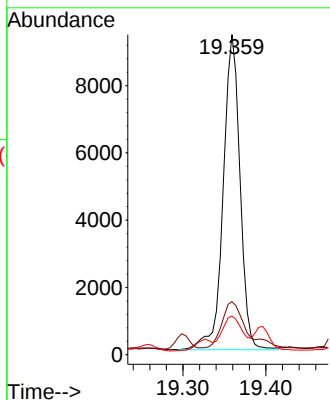
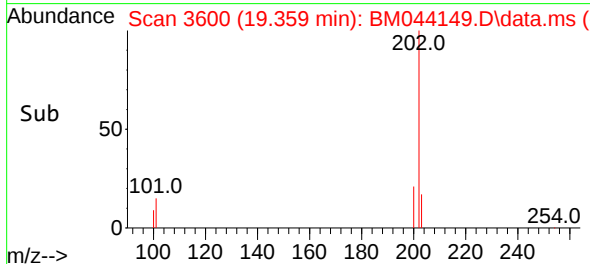
Instrument :
BNA_M
ClientSampleId :
COFN9



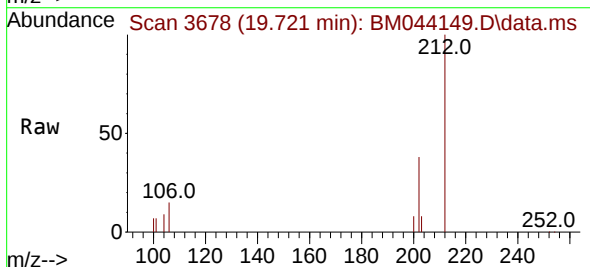
Tgt Ion:202 Resp: 13202
Ion Ratio Lower Upper
202 100
101 16.5 9.8 14.6
100 12.1 7.0 10.4

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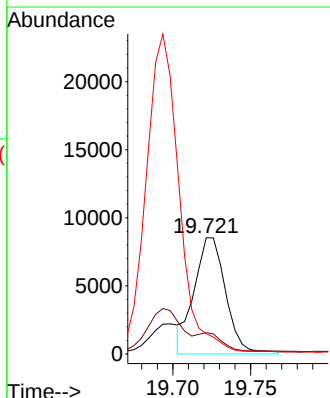
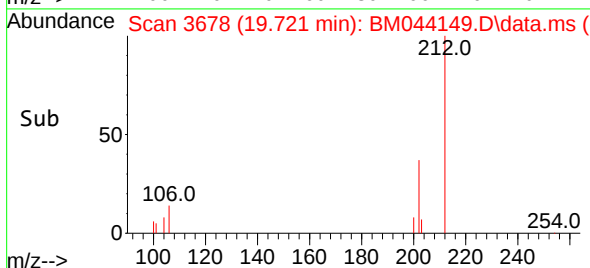
Reviewed By :Yogesh Patel 02/17/2024
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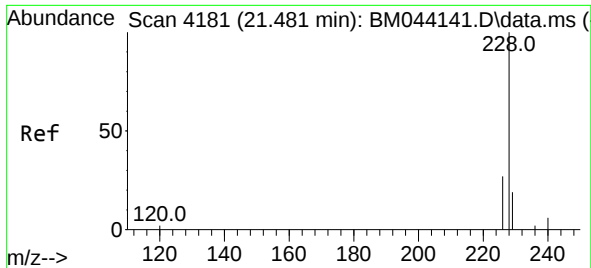


#20
Pyrene
Concen: 0.130 ng/ul m
RT: 19.721 min Scan# 3678
Delta R.T. -0.004 min
Lab File: BM044149.D
Acq: 16 Feb 2024 21:49



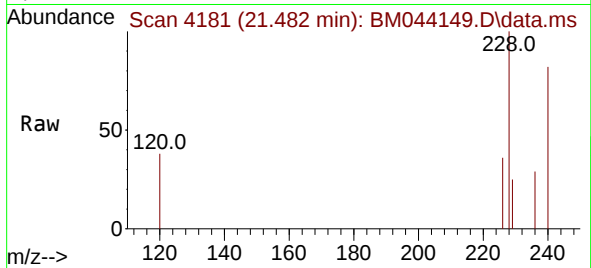
Tgt Ion:202 Resp: 12090
Ion Ratio Lower Upper
202 100
101 18.3 11.2 16.8#
100 17.5 8.6 13.0#





#21
Benzo(a)anthracene
Concen: 0.050 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM044149.D
Acq: 16 Feb 2024 21:49

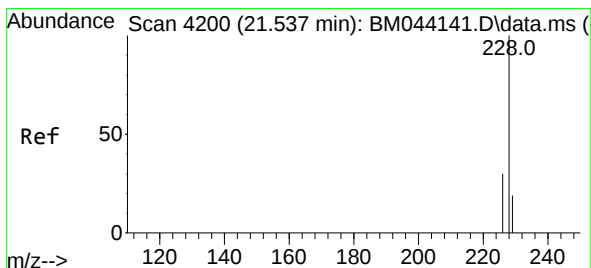
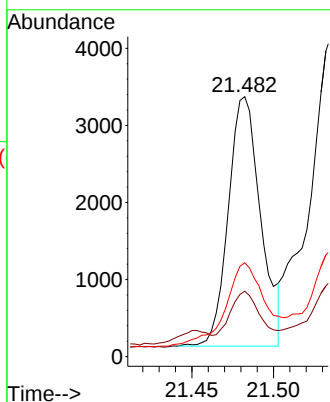
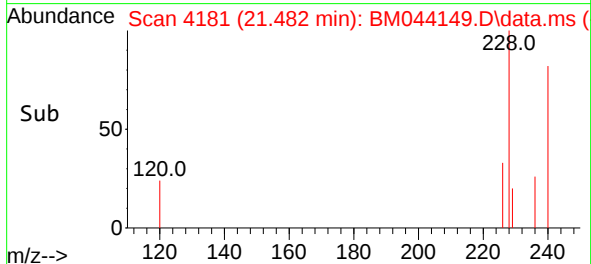
Instrument :
BNA_M
ClientSampleId :
COFN9



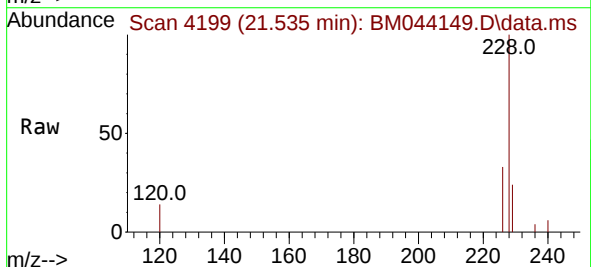
Tgt Ion:228 Resp: 446
Ion Ratio Lower Upper
228 100
229 25.1 15.4 23.2
226 36.1 22.1 33.1

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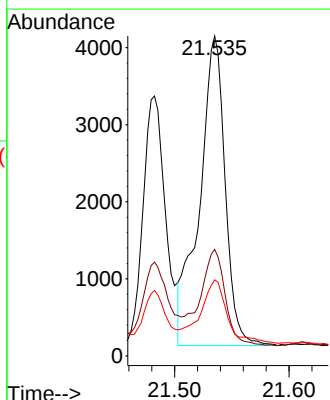
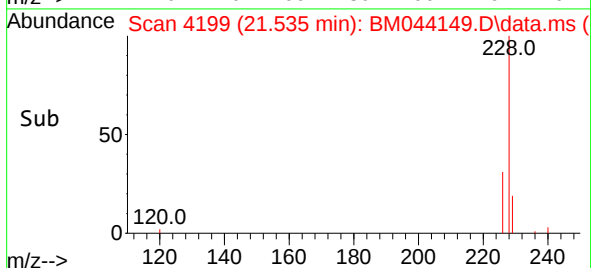
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

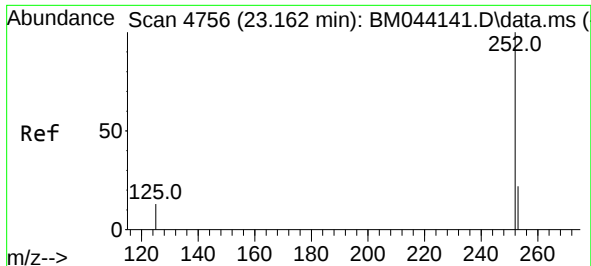


#22
Chrysene
Concen: 0.066 ng/ul
RT: 21.535 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM044149.D
Acq: 16 Feb 2024 21:49



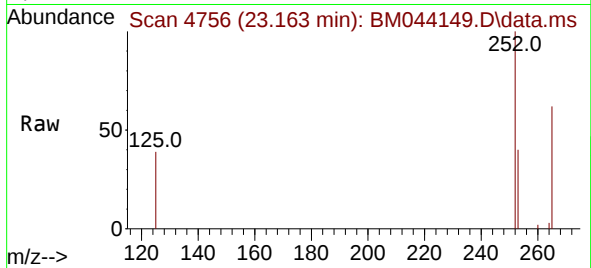
Tgt Ion:228 Resp: 6285
Ion Ratio Lower Upper
228 100
226 33.3 24.2 36.2
229 23.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.080 ng/ul
RT: 23.163 min Scan# 4756
Delta R.T. 0.000 min
Lab File: BM044149.D
Acq: 16 Feb 2024 21:49

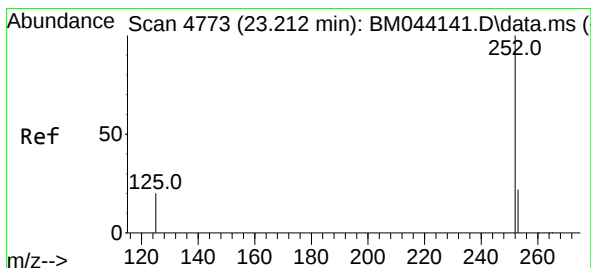
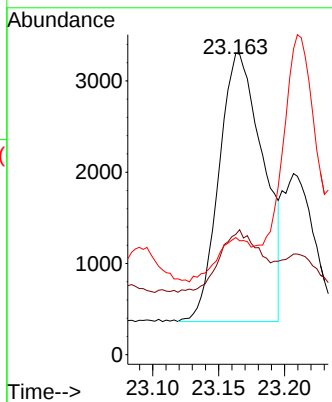
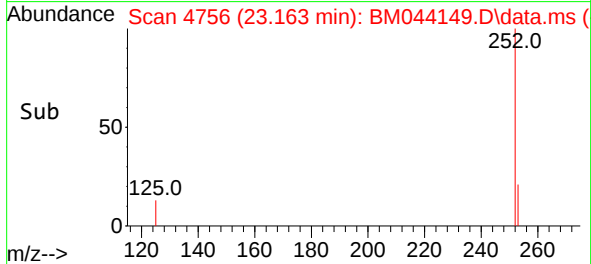
Instrument :
BNA_M
ClientSampleId :
COFN9



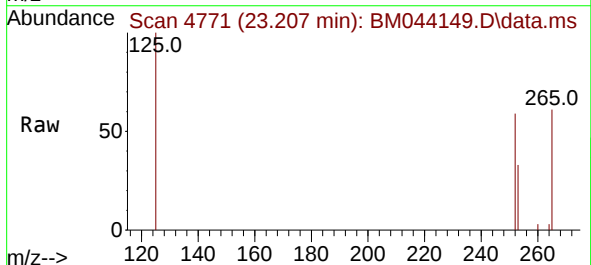
Tgt Ion:252 Resp: 6830
Ion Ratio Lower Upper
252 100
253 39.9 0.0 50.0
125 38.9 0.0 28.2

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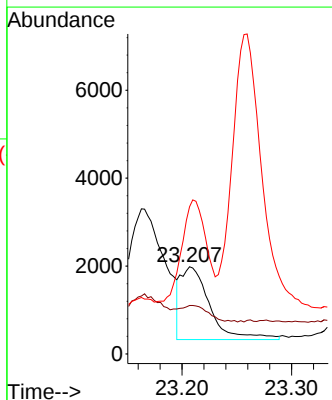
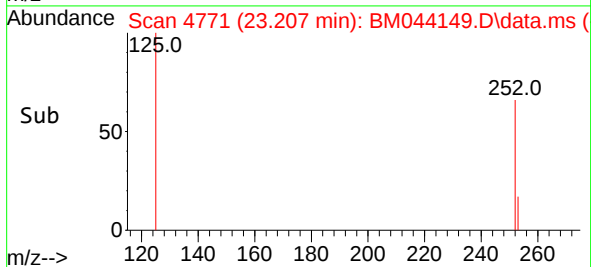
Reviewed By :Yogesh Patel 02/17/2024
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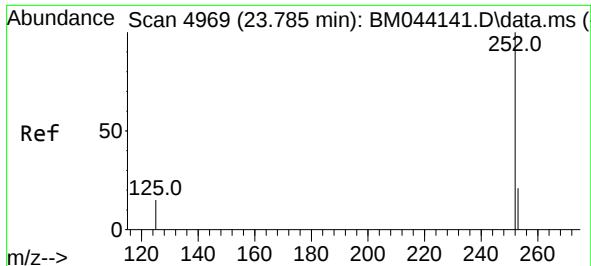


#25
Benzo(k)fluoranthene
Concen: 0.033 ng/ul m
RT: 23.207 min Scan# 4771
Delta R.T. -0.006 min
Lab File: BM044149.D
Acq: 16 Feb 2024 21:49



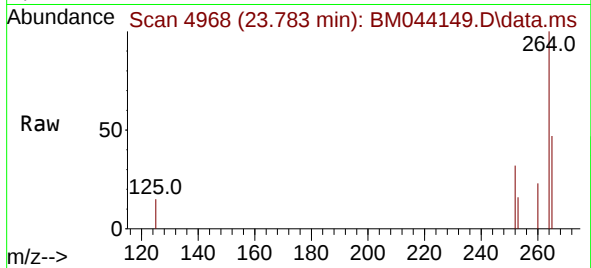
Tgt Ion:252 Resp: 3083
Ion Ratio Lower Upper
252 100
253 55.6 20.1 30.1#
125 168.8 12.3 18.5#





#26
Benzo(a)pyrene
Concen: 0.046 ng/ul
RT: 23.783 min Scan# 4969
Delta R.T. -0.003 min
Lab File: BM044149.D
Acq: 16 Feb 2024 21:49

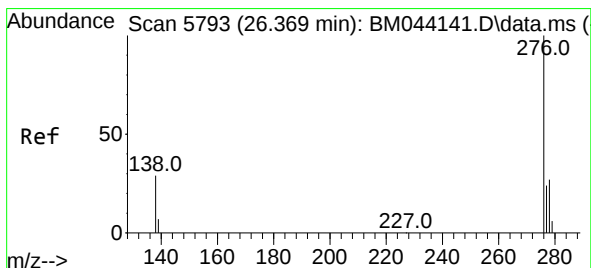
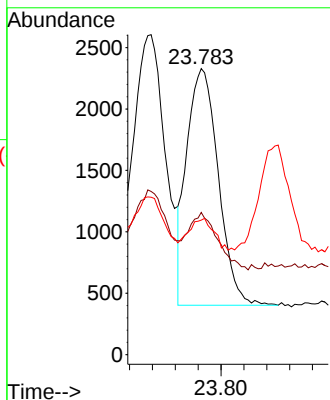
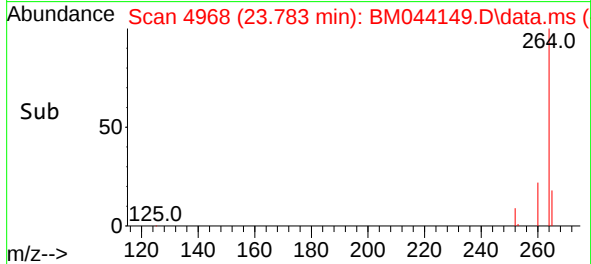
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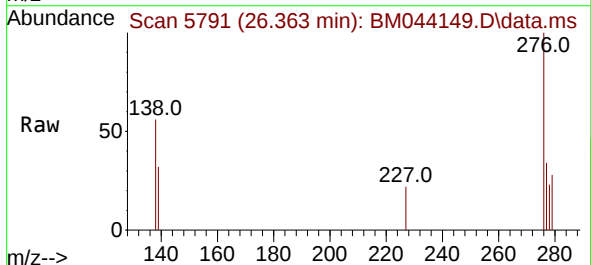
Tgt Ion:252 Resp: 368
Ion Ratio Lower Upper
252 100
253 49.7 21.4 32.2
125 47.1 13.3 19.9

Manual Integrations
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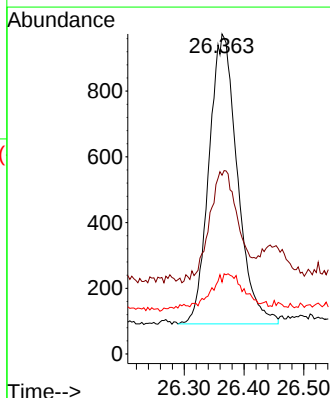
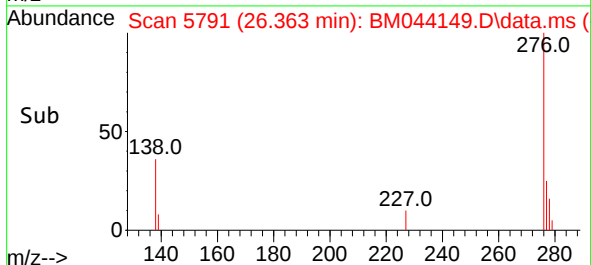
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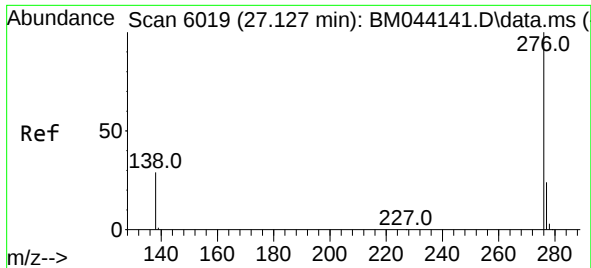


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.029 ng/ul
RT: 26.363 min Scan# 5791
Delta R.T. -0.007 min
Lab File: BM044149.D
Acq: 16 Feb 2024 21:49



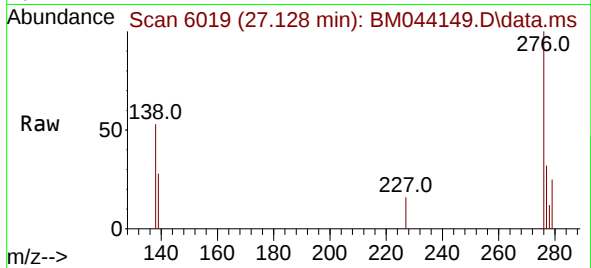
Tgt Ion:276 Resp: 2902
Ion Ratio Lower Upper
276 100
138 41.6 25.2 37.8#
227 14.3 0.1 0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.031 ng/ul
RT: 27.128 min Scan# 6019
Delta R.T. 0.000 min
Lab File: BM044149.D
Acq: 16 Feb 2024 21:49

Instrument :
BNA_M
ClientSampleId :
COFN9



Tgt Ion: 276 Resp: 278
Ion Ratio Lower Upper
276 100
138 52.8 22.7 34.1
277 32.0 19.0 28.6

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