

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
 Data File : BM048746.D
 Acq On : 16 Nov 2024 17:40
 Operator : RC/JU
 Sample : P4803-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0AQ7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024

Quant Time: Nov 17 22:49:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 17 22:31:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.629	152	3246	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.410	136	9679	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.276	164	5167	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.024	188	10058m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.226	240	8438m	0.400	ng/ul	0.00
23) Perylene-d12	23.423	264	7270m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	21077	5.382	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.032	152	3621	0.289	ng/ul	-0.02
18) Fluoranthene-d10	19.059	212	9154	0.386	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.459	128	522	0.022	ng/ul#	53
7) 2-Methylnaphthalene	12.103	142	364	0.024	ng/ul	100
10) Acenaphthylene	13.994	152	422	0.022	ng/ul#	47
11) Acenaphthene	14.341	153	363	0.023	ng/ul#	92
12) Fluorene	15.331	166	556	0.033	ng/ul#	95
15) Phenanthrene	17.066	178	852m	0.032	ng/ul	
19) Fluoranthene	19.091	202	749	0.024	ng/ul#	14
21) Benzo(a)anthracene	21.211	228	688	0.025	ng/ul#	57
22) Chrysene	21.261	228	1348	0.041	ng/ul#	74
24) Benzo(b)fluoranthene	22.760	252	953	0.042	ng/ul#	1
25) Benzo(k)fluoranthene	22.804	252	767	0.029	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.683	276	695	0.023	ng/ul#	50
29) Benzo(g,h,i)perylene	26.357	276	557	0.021	ng/ul#	1

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

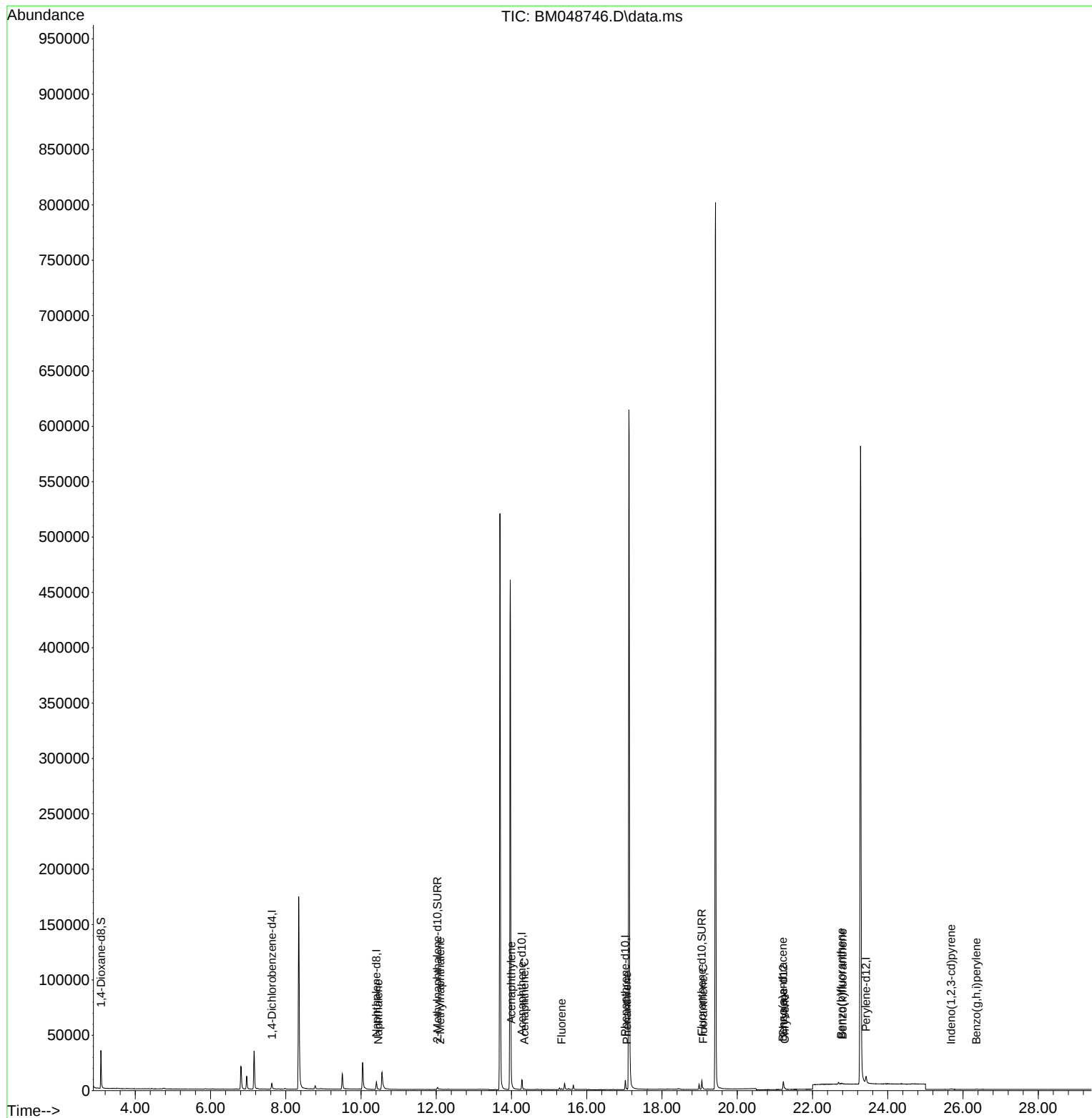
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048746.D
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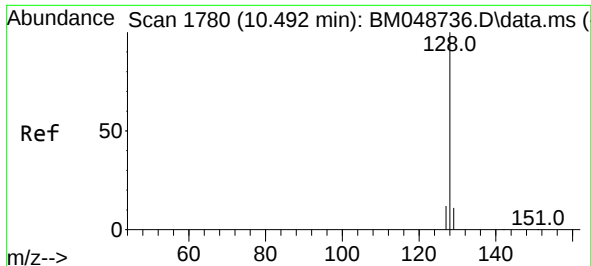
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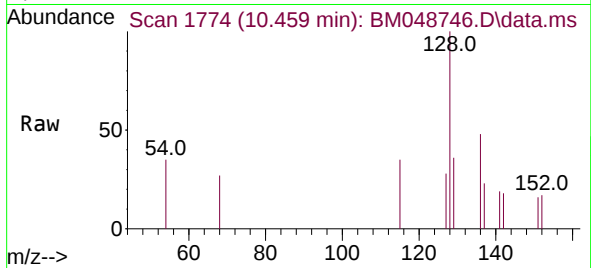
Quant Time: Nov 17 22:49:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 17 22:31:02 2024
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#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.459 min Scan# 1774
Delta R.T. -0.033 min
Lab File: BM048746.D
Acq: 16 Nov 2024 17:40

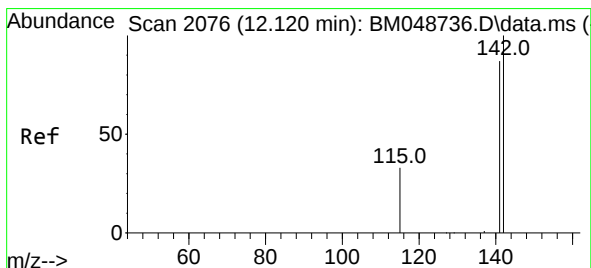
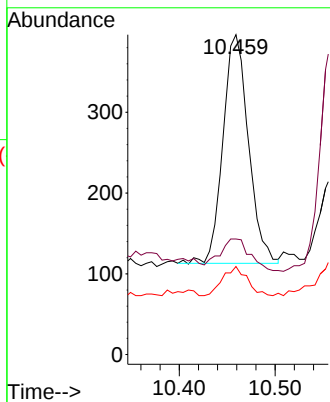
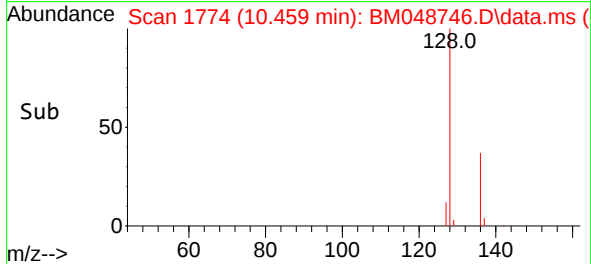
Instrument :
BNA_M
ClientSampleId :
A0AQ7



Tgt Ion:128 Resp: 522
Ion Ratio Lower Upper
128 100
129 36.1 10.0 15.0
127 27.5 10.9 16.3

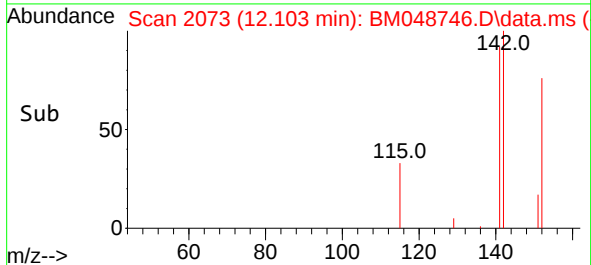
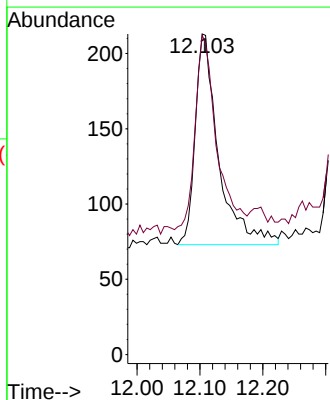
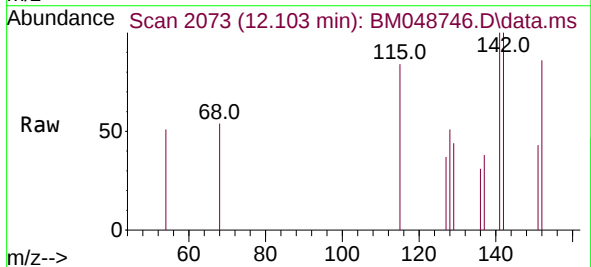
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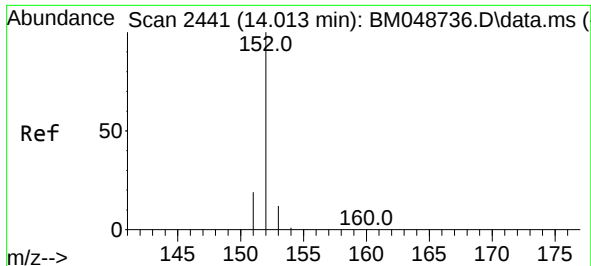
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.103 min Scan# 2073
Delta R.T. -0.016 min
Lab File: BM048746.D
Acq: 16 Nov 2024 17:40

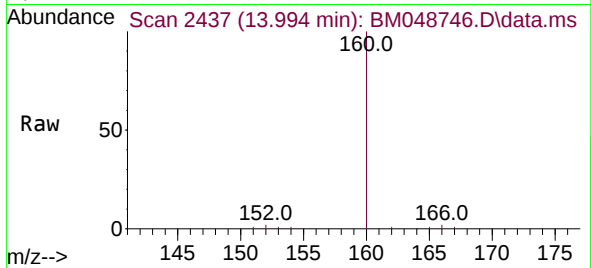
Tgt Ion:142 Resp: 364
Ion Ratio Lower Upper
142 100
141 86.0 68.6 103.0





#10
Acenaphthylene
Concen: 0.022 ng/u1
RT: 13.994 min Scan# 2441
Delta R.T. -0.018 min
Lab File: BM048746.D
Acq: 16 Nov 2024 17:40

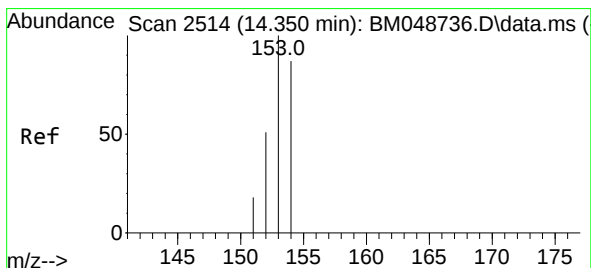
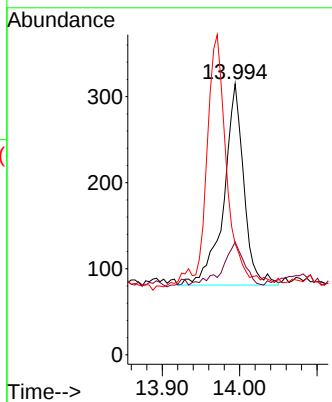
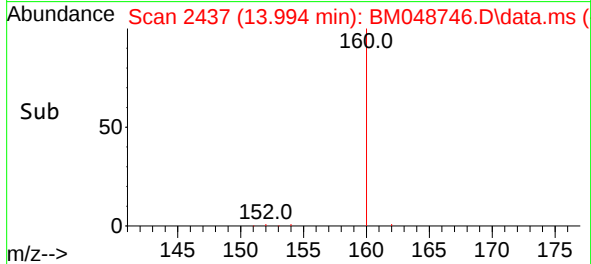
Instrument :
BNA_M
ClientSampleId :
A0AQ7



Tgt Ion:152 Resp: 42
Ion Ratio Lower Upper
152 100
151 41.6 16.5 24.7
153 41.0 11.6 17.4

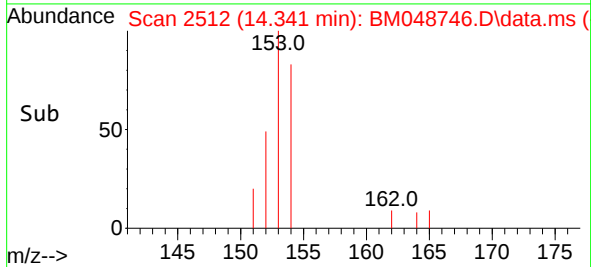
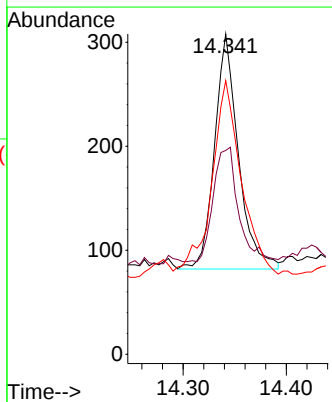
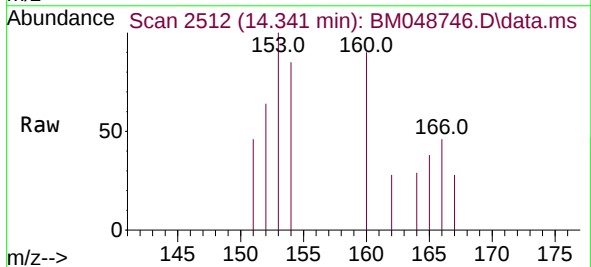
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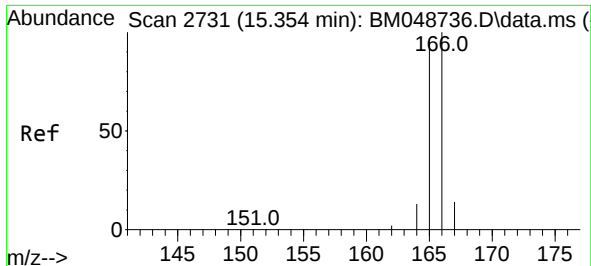
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#11
Acenaphthene
Concen: 0.023 ng/u1
RT: 14.341 min Scan# 2512
Delta R.T. -0.009 min
Lab File: BM048746.D
Acq: 16 Nov 2024 17:40

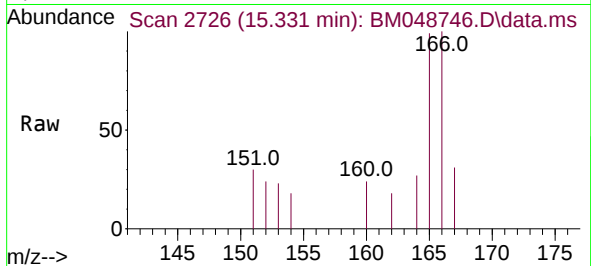
Tgt Ion:153 Resp: 363
Ion Ratio Lower Upper
153 100
152 63.6 41.1 61.7
154 85.4 70.3 105.5





#12
Fluorene
Concen: 0.033 ng/ul
RT: 15.331 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM048746.D
Acq: 16 Nov 2024 17:40

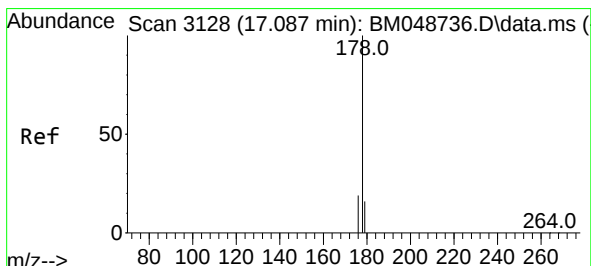
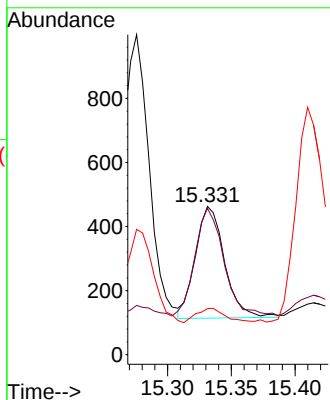
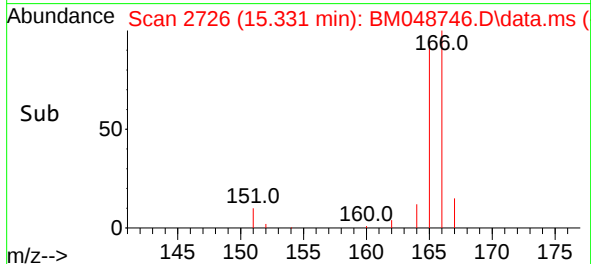
Instrument :
BNA_M
ClientSampleId :
A0AQ7



Tgt Ion:166 Resp: 550
Ion Ratio Lower Upper
166 100
165 98.7 78.7 118.1
167 31.1 12.6 18.8

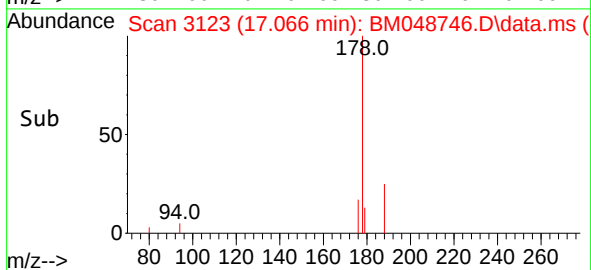
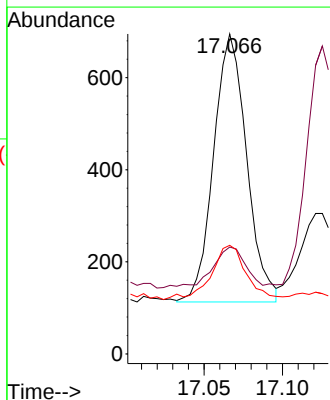
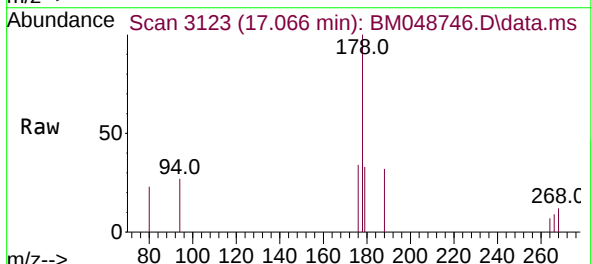
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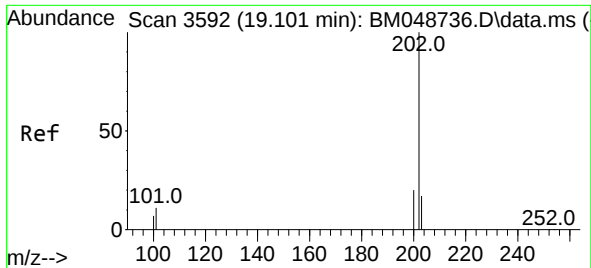
Reviewed By :Yogesh Patel 11/19/2024
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#15
Phenanthrene
Concen: 0.032 ng/ul m
RT: 17.066 min Scan# 3123
Delta R.T. -0.021 min
Lab File: BM048746.D
Acq: 16 Nov 2024 17:40

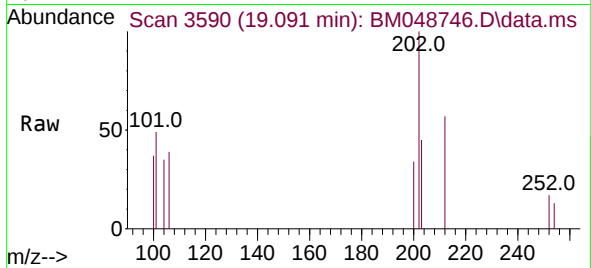
Tgt Ion:178 Resp: 852
Ion Ratio Lower Upper
178 100
179 33.4 13.4 20.0#
176 34.0 16.2 24.2#





#19
Fluoranthene
Concen: 0.024 ng/u1
RT: 19.091 min Scan# 3592
Delta R.T. -0.009 min
Lab File: BM048746.D
Acq: 16 Nov 2024 17:40

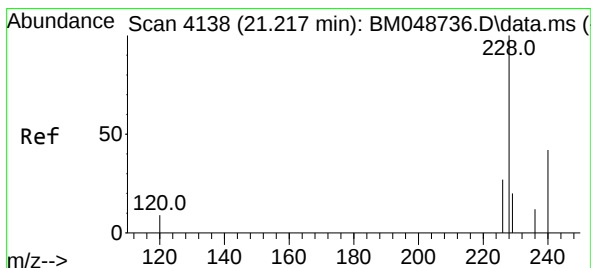
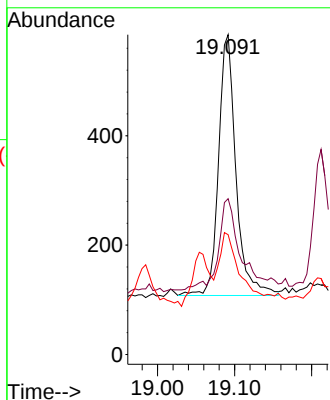
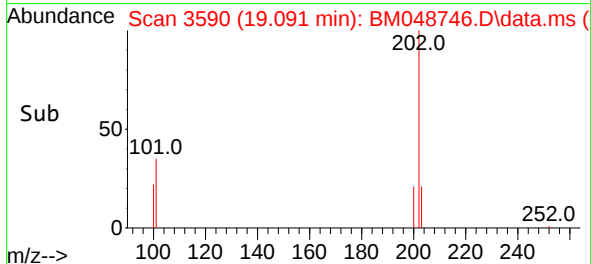
Instrument :
BNA_M
ClientSampleId :
A0AQ7



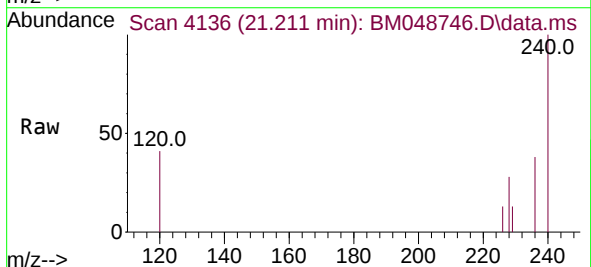
Tgt Ion:202 Resp: 749
Ion Ratio Lower Upper
202 100
101 48.7 10.2 15.4#
100 37.4 7.3 10.9#

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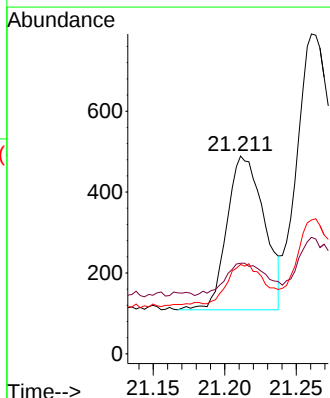
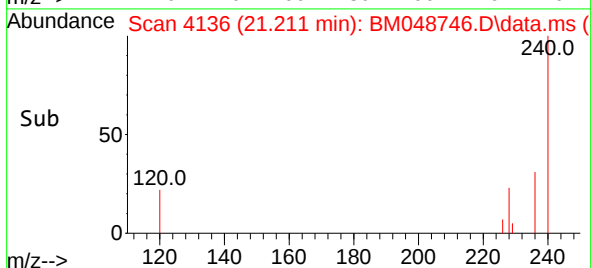
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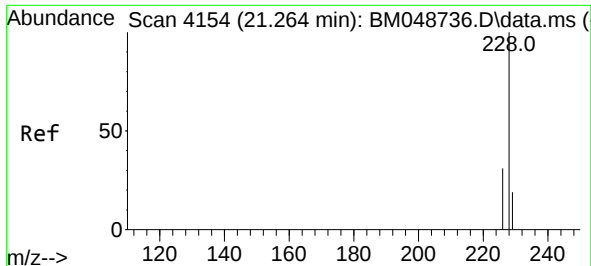


#21
Benzo(a)anthracene
Concen: 0.025 ng/u1
RT: 21.211 min Scan# 4136
Delta R.T. -0.006 min
Lab File: BM048746.D
Acq: 16 Nov 2024 17:40



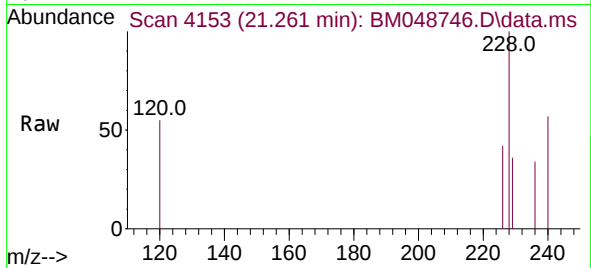
Tgt Ion:228 Resp: 688
Ion Ratio Lower Upper
228 100
229 45.8 16.2 24.2#
226 45.2 22.1 33.1#





#22
Chrysene
Concen: 0.041 ng/ul
RT: 21.261 min Scan# 4153
Delta R.T. -0.003 min
Lab File: BM048746.D
Acq: 16 Nov 2024 17:40

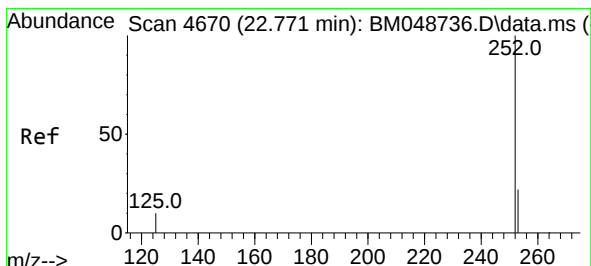
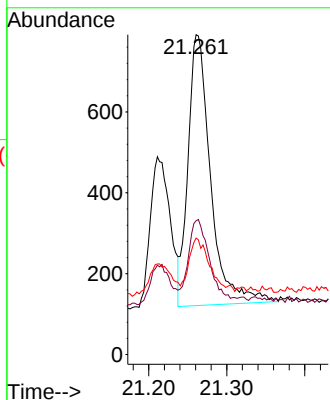
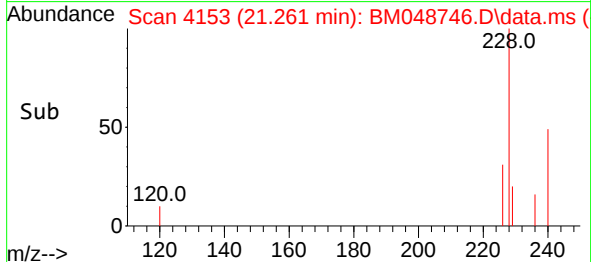
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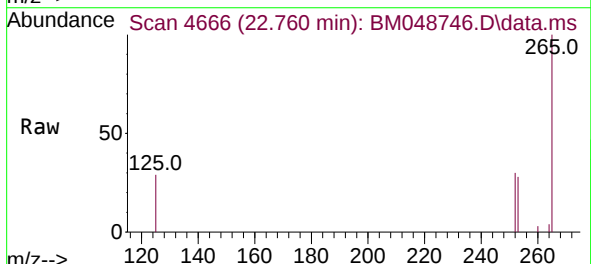
Tgt Ion:228 Resp: 1348
Ion Ratio Lower Upper
228 100
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229 36.4 16.5 24.7#

Manual Integrations
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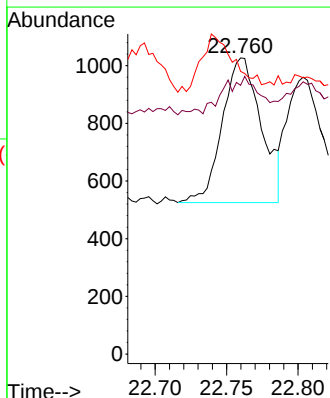
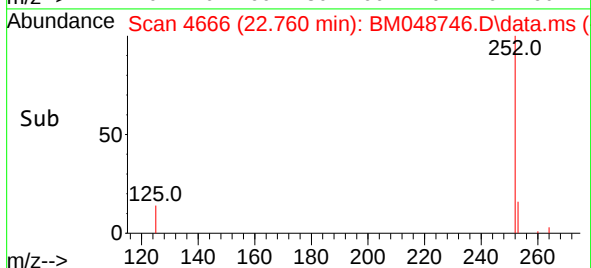
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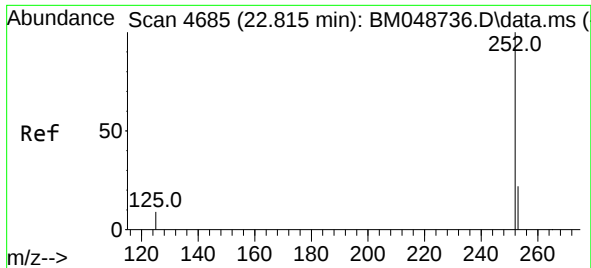


#24
Benzo(b)fluoranthene
Concen: 0.042 ng/ul
RT: 22.760 min Scan# 4666
Delta R.T. -0.012 min
Lab File: BM048746.D
Acq: 16 Nov 2024 17:40



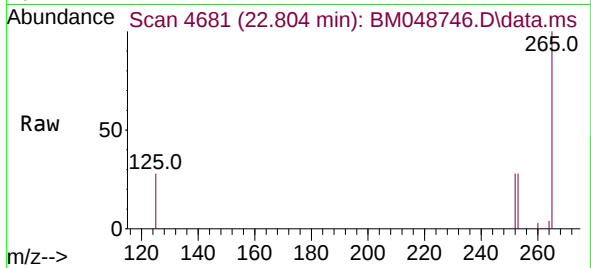
Tgt Ion:252 Resp: 953
Ion Ratio Lower Upper
252 100
253 90.7 0.0 61.6#
125 95.4 0.0 43.2#





#25
Benzo(k)fluoranthene
Concen: 0.029 ng/ul
RT: 22.804 min Scan# 4681
Delta R.T. -0.012 min
Lab File: BM048746.D
Acq: 16 Nov 2024 17:40

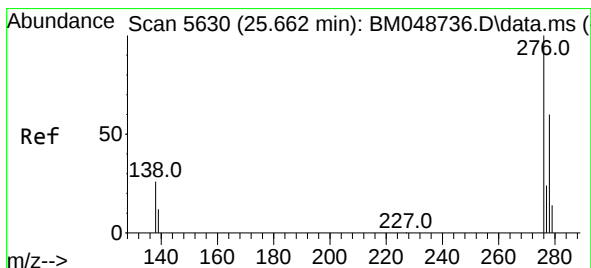
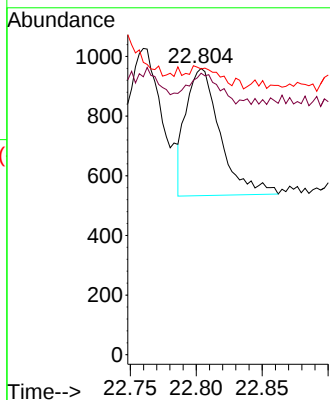
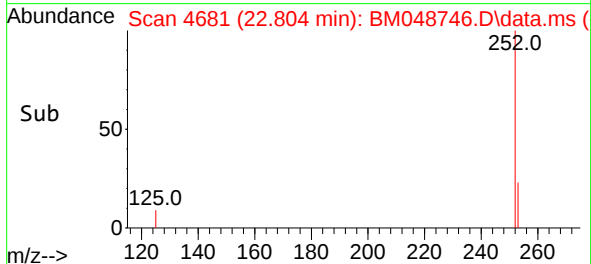
Instrument :
BNA_M
ClientSampleId :
A0AQ7



Tgt Ion:252 Resp: 761
Ion Ratio Lower Upper
252 100
253 98.3 25.0 37.4
125 99.8 17.4 26.0

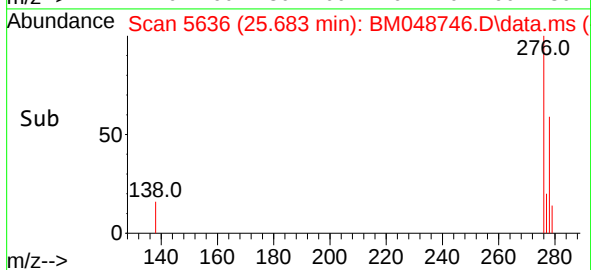
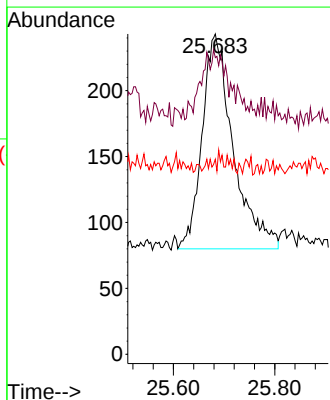
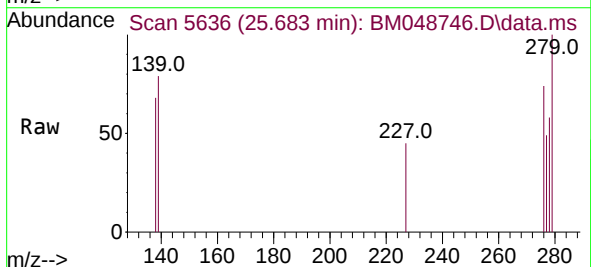
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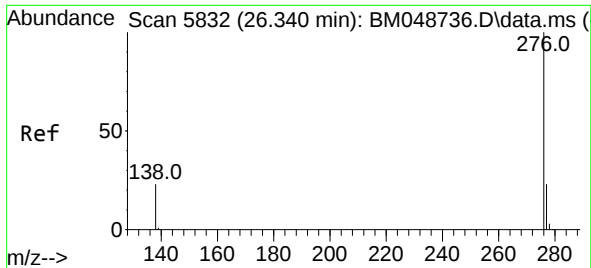
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng/ul
RT: 25.683 min Scan# 5636
Delta R.T. 0.020 min
Lab File: BM048746.D
Acq: 16 Nov 2024 17:40

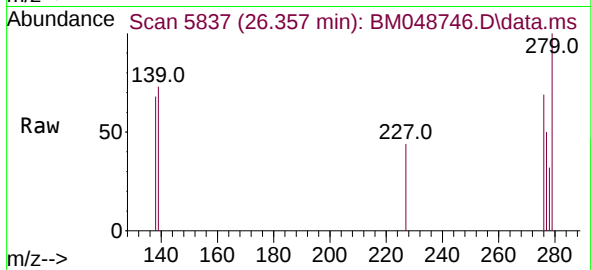
Tgt Ion:276 Resp: 695
Ion Ratio Lower Upper
276 100
138 0.0 20.1 30.1#
227 1.3 0.1 0.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.021 ng/ul
 RT: 26.357 min Scan# 5837
 Delta R.T. 0.017 min
 Lab File: BM048746.D
 Acq: 16 Nov 2024 17:40

Instrument :
 BNA_M
 ClientSampleId :
 A0AQ7



Tgt Ion: 276 Resp: 55

Ion	Ratio	Lower	Upper
276	100		
138	98.1	21.0	31.6
277	72.7	20.5	30.7

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