

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048375.D
 Acq On : 01 Nov 2024 02:16
 Operator : RC/JU
 Sample : P4530-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H42

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Nov 03 07:04:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.708	152	4606	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.495	136	14797	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.353	164	8289	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.093	188	17176m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.275	240	16018m	0.400	ng/ul	-0.02
23) Perylene-d12	23.513	264	14536m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	16997	3.005	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.117	152	4113	0.218	ng/ul	-0.02
18) Fluoranthene-d10	19.126	212	11447	0.281	ng/ul	-0.01
Target Compounds						
						Qvalue
10) Acenaphthylene	14.070	152	3167	0.099	ng/ul	94
15) Phenanthrene	17.136	178	2377m	0.056	ng/ul	
16) Anthracene	17.224	178	3442m	0.086	ng/ul	
19) Fluoranthene	19.154	202	30090	0.545	ng/ul	99
20) Pyrene	19.512	202	42356	0.715	ng/ul	98
21) Benzo(a)anthracene	21.260	228	20824	0.434	ng/ul	98
22) Chrysene	21.313	228	26458	0.401	ng/ul	98
24) Benzo(b)fluoranthene	22.838	252	45670m	0.919	ng/ul	
25) Benzo(k)fluoranthene	22.879	252	15308m	0.260	ng/ul	
26) Benzo(a)pyrene	23.408	252	23124m	0.496	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.786	276	18182	0.279	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.793	278	4253	0.084	ng/ul#	73
29) Benzo(g,h,i)perylene	26.483	276	17834	0.324	ng/ul	100

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

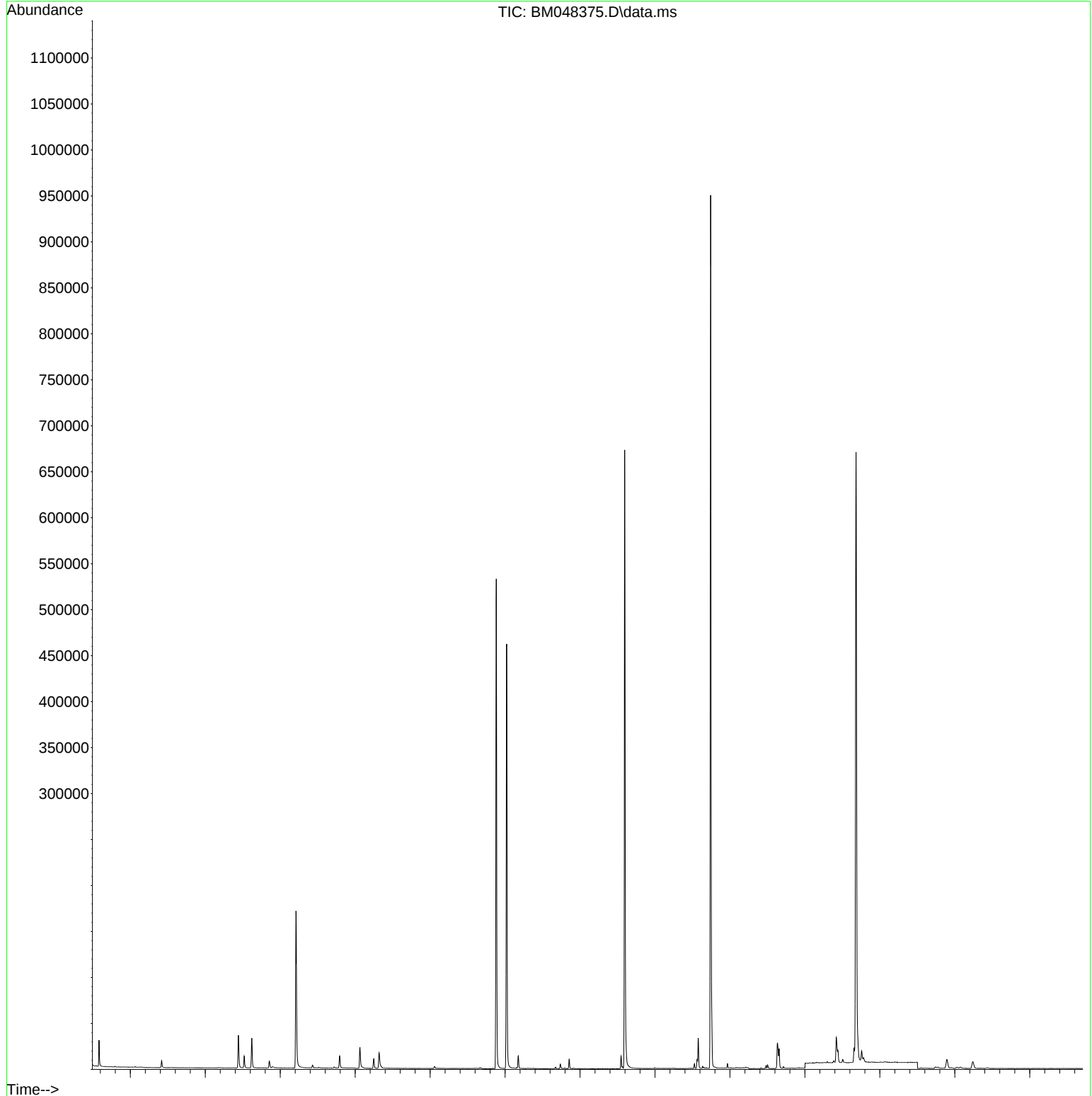
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048375.D
Acq On : 01 Nov 2024 02:16
Operator : RC/JU
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ALS Vial : 27 Sample Multiplier: 1

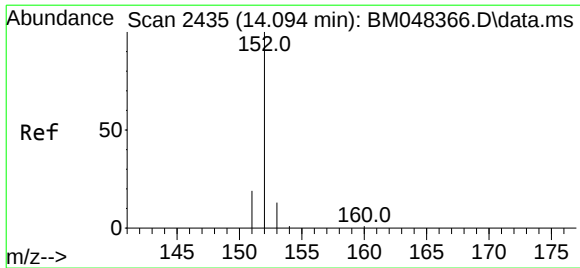
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration





#10

Acenaphthylene

Concen: 0.099 ng/u1

RT: 14.070 min Scan# 24

Delta R.T. -0.020 min

Lab File: BM048375.D

Acq: 01 Nov 2024 02:16

Instrument :

BNA_M

ClientSampleId :

F7H42

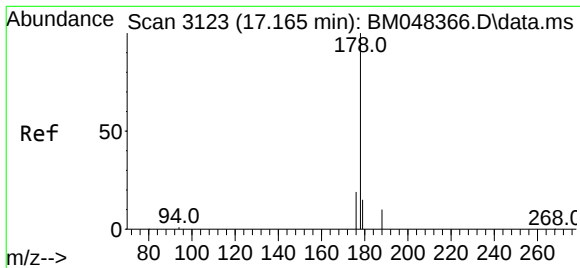
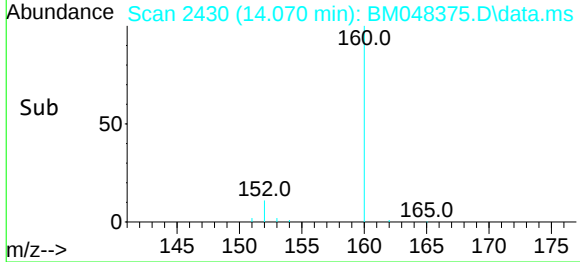
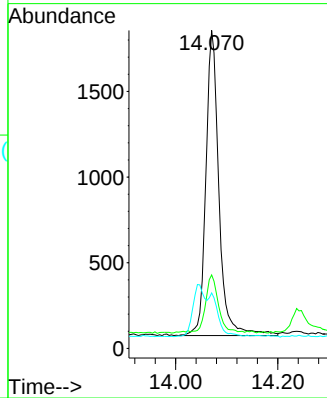
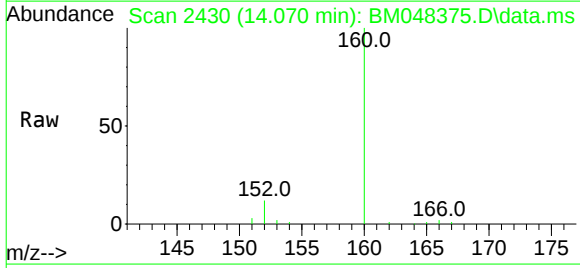
Tgt	Ion:152	Resp:	3167
Ion	Ratio	Lower	Upper
152	100		
151	23.1	16.6	24.8
153	17.5	11.8	17.6

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#15

Phenanthrene

Concen: 0.056 ng/u1 m

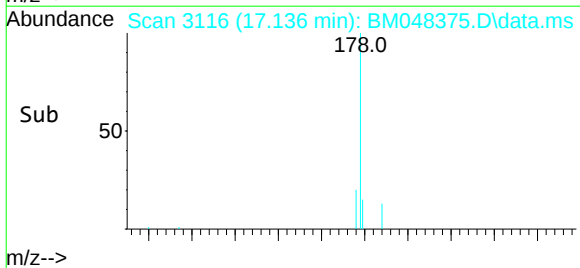
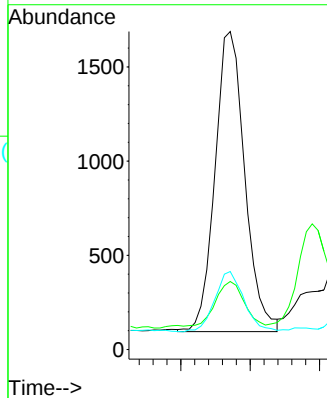
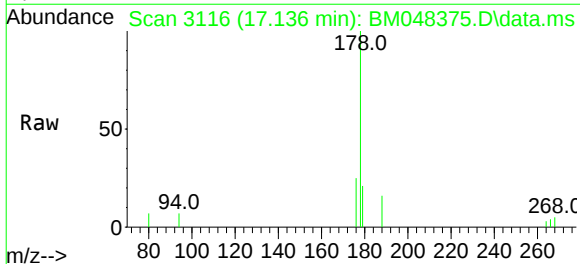
RT: 17.136 min Scan# 3116

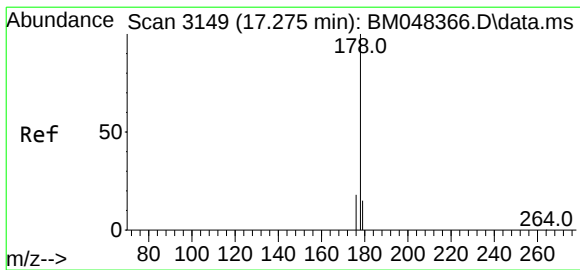
Delta R.T. -0.023 min

Lab File: BM048375.D

Acq: 01 Nov 2024 02:16

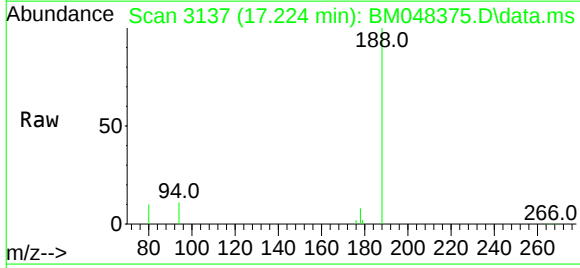
Tgt	Ion:178	Resp:	2377
Ion	Ratio	Lower	Upper
178	100		
179	21.4	13.9	20.9#
176	24.5	16.0	24.0#





#16
 Anthracene
 Concen: 0.086 ng/u1 m
 RT: 17.224 min Scan# 31
 Delta R.T. -0.035 min
 Lab File: BM048375.D
 Acq: 01 Nov 2024 02:16

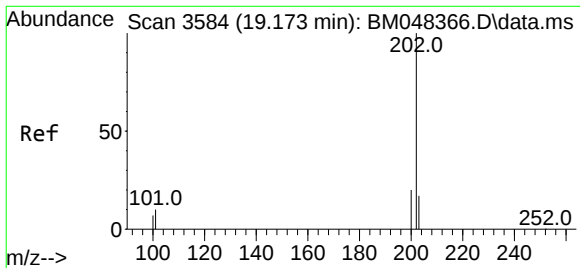
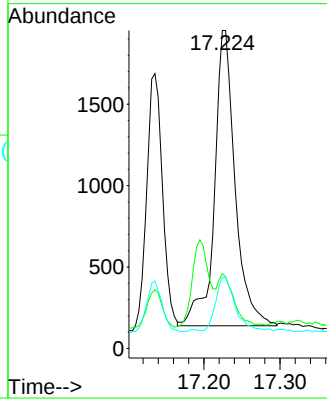
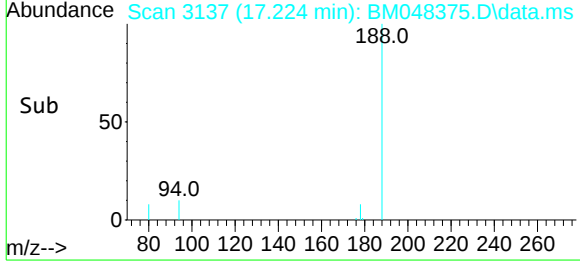
Instrument :
 BNA_M
 ClientSampleId :
 F7H42



Tgt Ion:178 Resp: 3442
 Ion Ratio Lower Upper
 178 100
 179 23.5 14.2 21.2#
 176 22.4 15.8 23.6

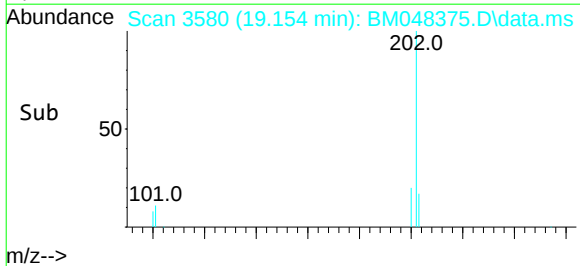
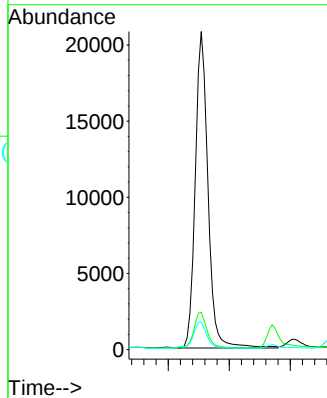
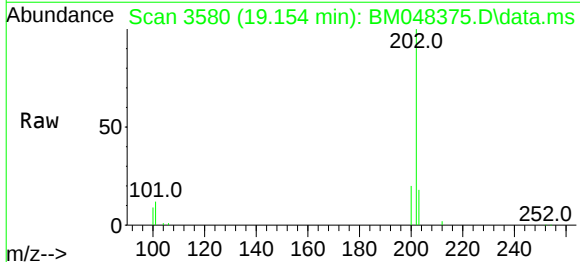
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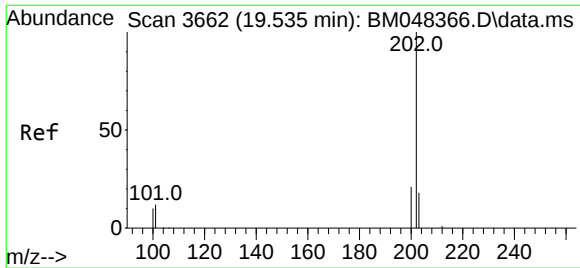
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#19
 Fluoranthene
 Concen: 0.545 ng/u1
 RT: 19.154 min Scan# 3580
 Delta R.T. -0.015 min
 Lab File: BM048375.D
 Acq: 01 Nov 2024 02:16

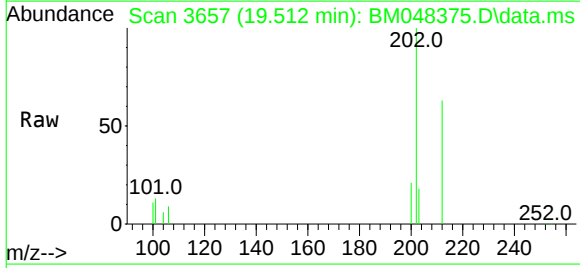
Tgt Ion:202 Resp: 30090
 Ion Ratio Lower Upper
 202 100
 101 11.7 9.0 13.4
 100 8.6 6.6 10.0





#20
Pyrene
Concen: 0.715 ng/u1
RT: 19.512 min Scan# 3657
Delta R.T. -0.020 min
Lab File: BM048375.D
Acq: 01 Nov 2024 02:16

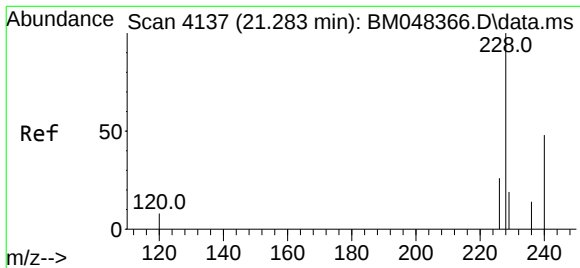
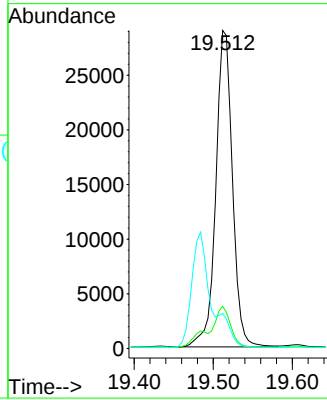
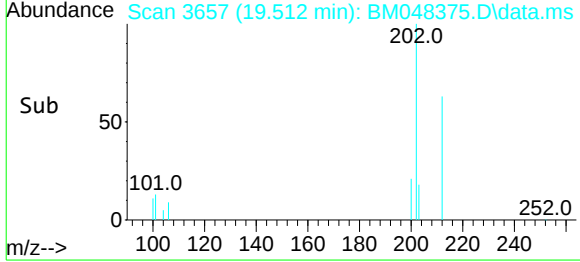
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Tgt Ion:	202	Resp:	42356
Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.0	15.0
100	11.0	8.0	12.0

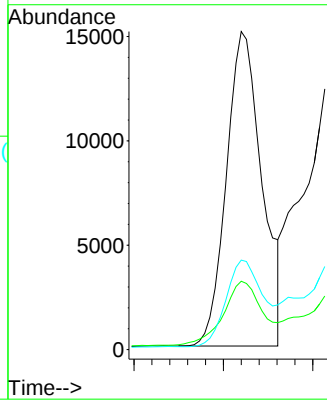
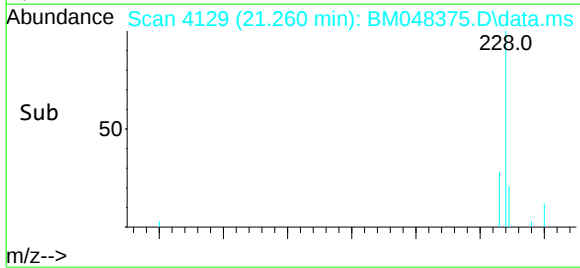
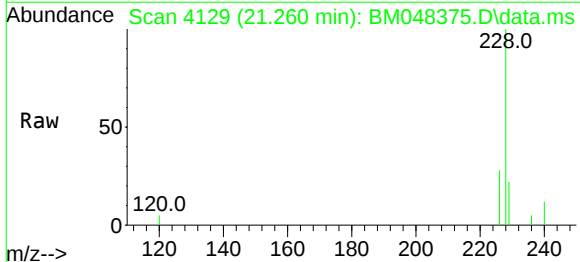
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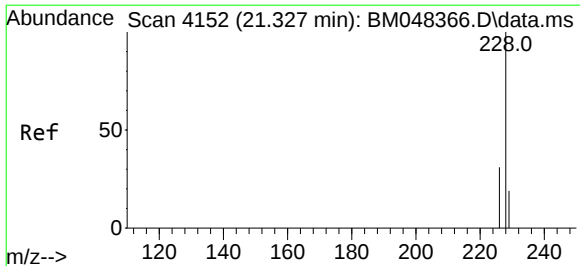
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#21
Benzo(a)anthracene
Concen: 0.434 ng/u1
RT: 21.260 min Scan# 4129
Delta R.T. -0.020 min
Lab File: BM048375.D
Acq: 01 Nov 2024 02:16

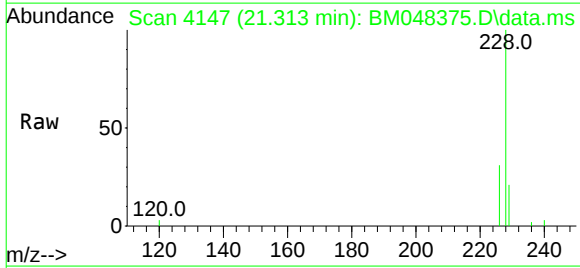
Tgt Ion:	228	Resp:	20824
Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.9	23.9
226	28.1	22.1	33.1





#22
Chrysene
Concen: 0.401 ng/u1
RT: 21.313 min Scan# 41
Delta R.T. -0.014 min
Lab File: BM048375.D
Acq: 01 Nov 2024 02:16

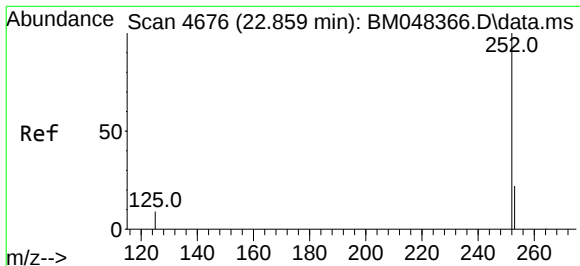
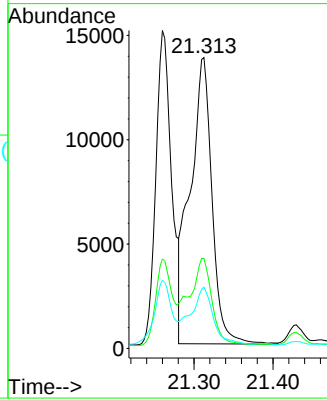
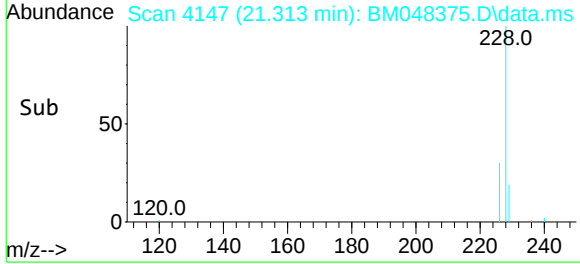
Instrument :
BNA_M
ClientSampleId :
F7H42



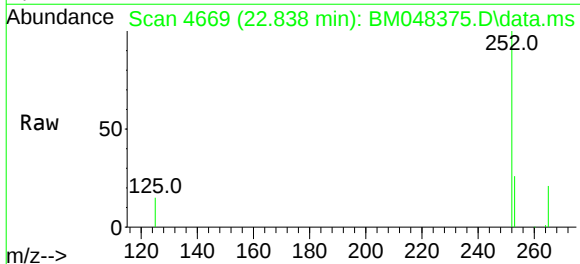
Tgt Ion:228 Resp: 26458
Ion Ratio Lower Upper
228 100
226 31.0 24.1 36.1
229 21.1 15.9 23.9

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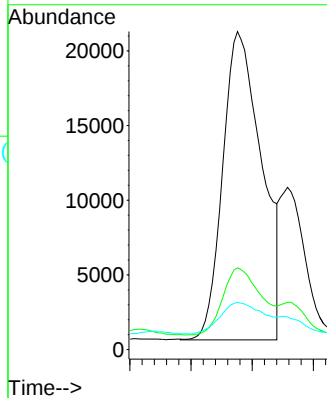
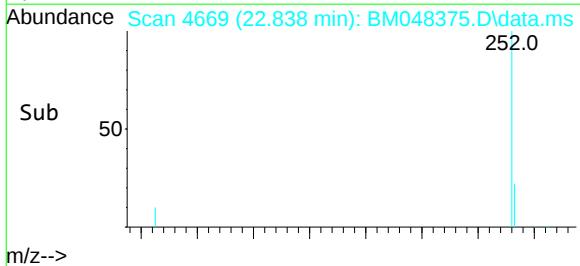
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

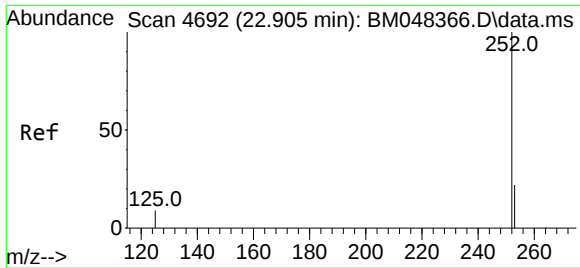


#24
Benzo(b)fluoranthene
Concen: 0.919 ng/u1 m
RT: 22.838 min Scan# 4669
Delta R.T. -0.023 min
Lab File: BM048375.D
Acq: 01 Nov 2024 02:16



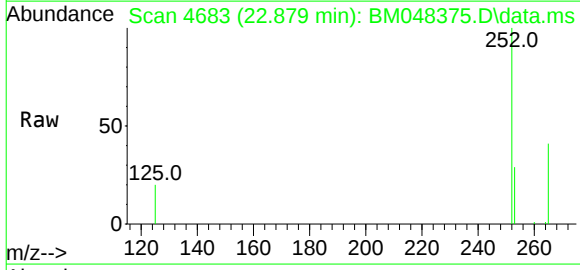
Tgt Ion:252 Resp: 45670
Ion Ratio Lower Upper
252 100
253 25.7 0.0 59.4
125 14.9 0.0 38.0





#25
Benzo(k)fluoranthene
Concen: 0.260 ng/u1 m
RT: 22.879 min Scan# 4683
Delta R.T. -0.026 min
Lab File: BM048375.D
Acq: 01 Nov 2024 02:16

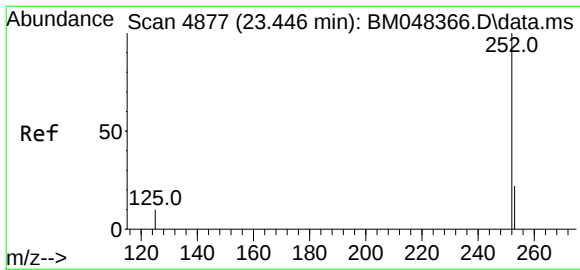
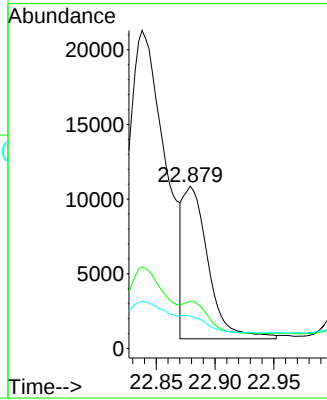
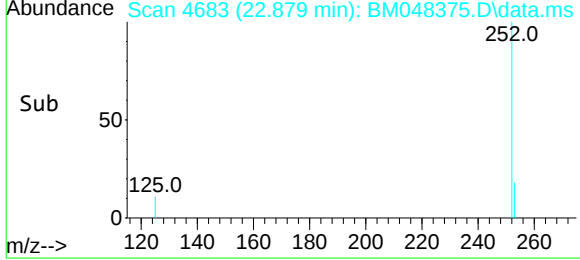
Instrument :
BNA_M
ClientSampleId :
F7H42



Tgt Ion:	252	Resp:	15308
Ion Ratio	Lower	Upper	
252	100		
253	29.0	23.4	35.0
125	20.1	15.3	22.9

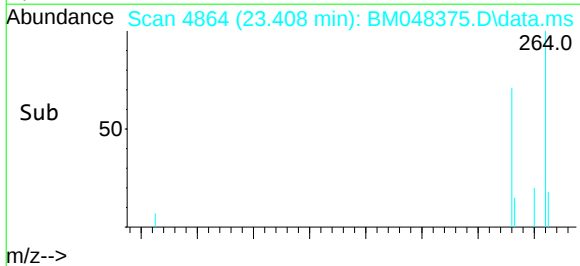
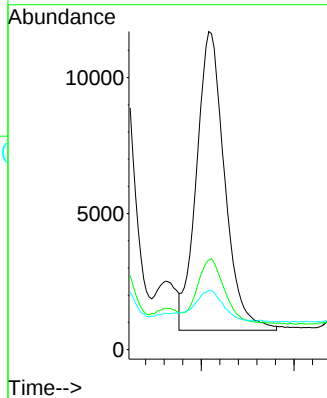
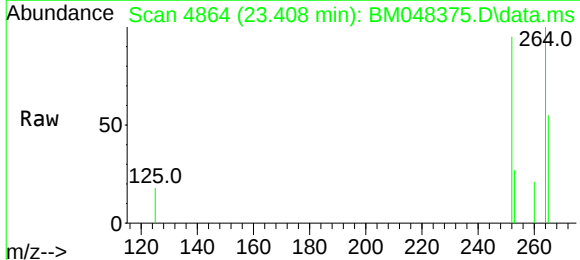
Manual Integrations
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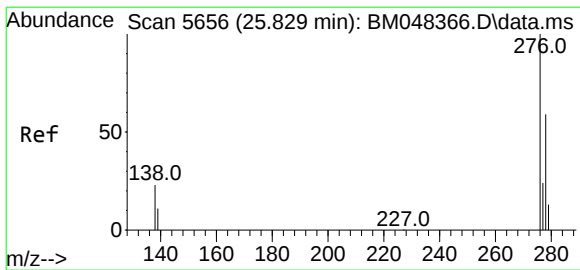
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#26
Benzo(a)pyrene
Concen: 0.496 ng/u1 m
RT: 23.408 min Scan# 4864
Delta R.T. -0.032 min
Lab File: BM048375.D
Acq: 01 Nov 2024 02:16

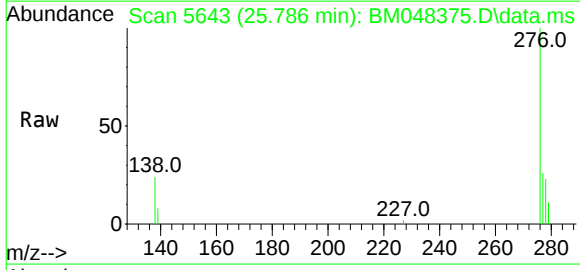
Tgt Ion:	252	Resp:	23124
Ion Ratio	Lower	Upper	
252	100		
253	28.2	27.7	41.5
125	18.6	21.1	31.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.279 ng/u1
RT: 25.786 min Scan# 5643
Delta R.T. -0.027 min
Lab File: BM048375.D
Acq: 01 Nov 2024 02:16

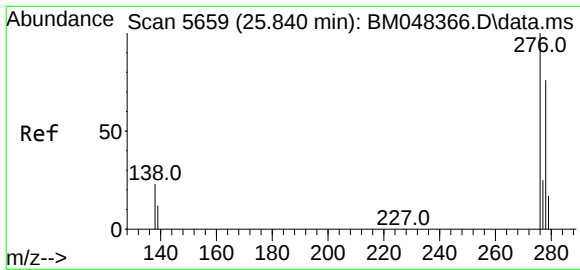
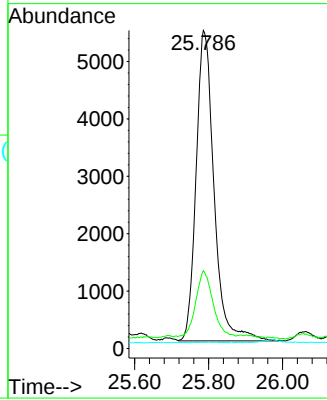
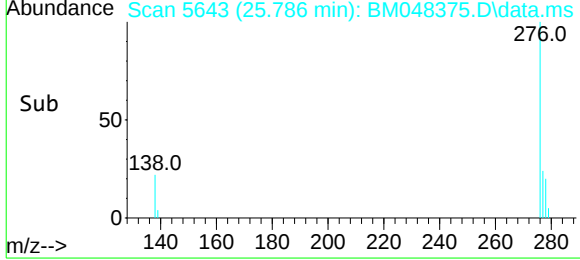
Instrument :
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ClientSampleId :
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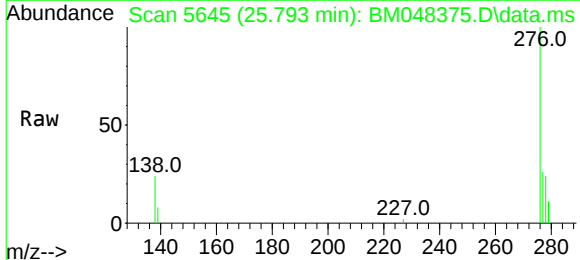
Tgt Ion:	276	Resp:	18182
Ion	Ratio	Lower	Upper
276	100		
138	21.5	19.6	29.4
227	0.0	0.1	0.1

Manual Integrations
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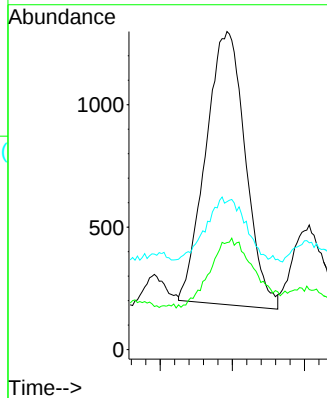
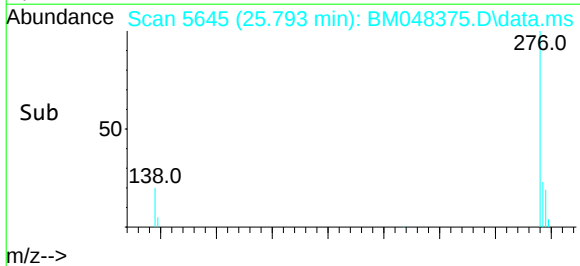
Reviewed By :Yogesh Patel 11/04/2024
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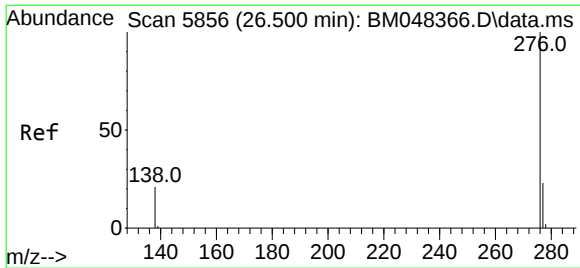


#28
Dibenzo(a,h)anthracene
Concen: 0.084 ng/u1
RT: 25.793 min Scan# 5645
Delta R.T. -0.043 min
Lab File: BM048375.D
Acq: 01 Nov 2024 02:16



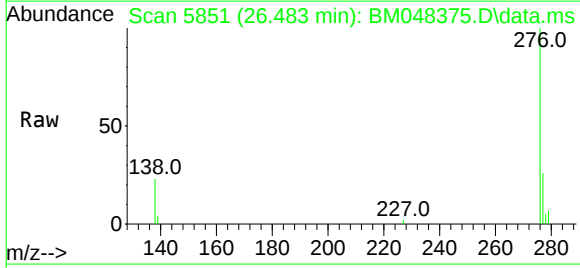
Tgt Ion:	278	Resp:	4253
Ion	Ratio	Lower	Upper
278	100		
139	33.6	15.6	23.4
279	46.5	26.4	39.6





#29
 Benzo(g,h,i)perylene
 Concen: 0.324 ng/ul
 RT: 26.483 min Scan# 58
 Delta R.T. -0.016 min
 Lab File: BM048375.D
 Acq: 01 Nov 2024 02:16

Instrument :
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Tgt Ion:	276	Resp:	17834
Ion Ratio	Lower	Upper	
276	100		
138	23.4	19.0	28.6
277	25.9	20.6	31.0

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