

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049131.D
 Acq On : 21 Dec 2024 10:14
 Operator : RC/JU
 Sample : P5265-16DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 E2901DL

Quant Time: Dec 22 23:07:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.556	152	10076	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.321	136	31051	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.192	164	17959	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	36925	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	31042	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	33233	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	7446	0.641	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	1560	0.037	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	2932	0.033	ng/ul	0.00
Target Compounds						
						Qvalue
15) Phenanthrene	16.981	178	27856	0.289	ng/ul	100
16) Anthracene	17.074	178	3617	0.041	ng/ul#	90
19) Fluoranthene	19.007	202	47950	0.427	ng/ul	99
20) Pyrene	19.369	202	40922	0.342	ng/ul	100
21) Benzo(a)anthracene	21.128	228	16101	0.149	ng/ul	97
22) Chrysene	21.178	228	17737m	0.153	ng/ul	
24) Benzo(b)fluoranthene	22.659	252	20051m	0.189	ng/ul	
25) Benzo(k)fluoranthene	22.700	252	8898m	0.076	ng/ul	
26) Benzo(a)pyrene	23.206	252	12855	0.126	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.440	276	10436	0.072	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.457	278	2241	0.020	ng/ul#	21
29) Benzo(g,h,i)perylene	26.091	276	11521	0.099	ng/ul	94

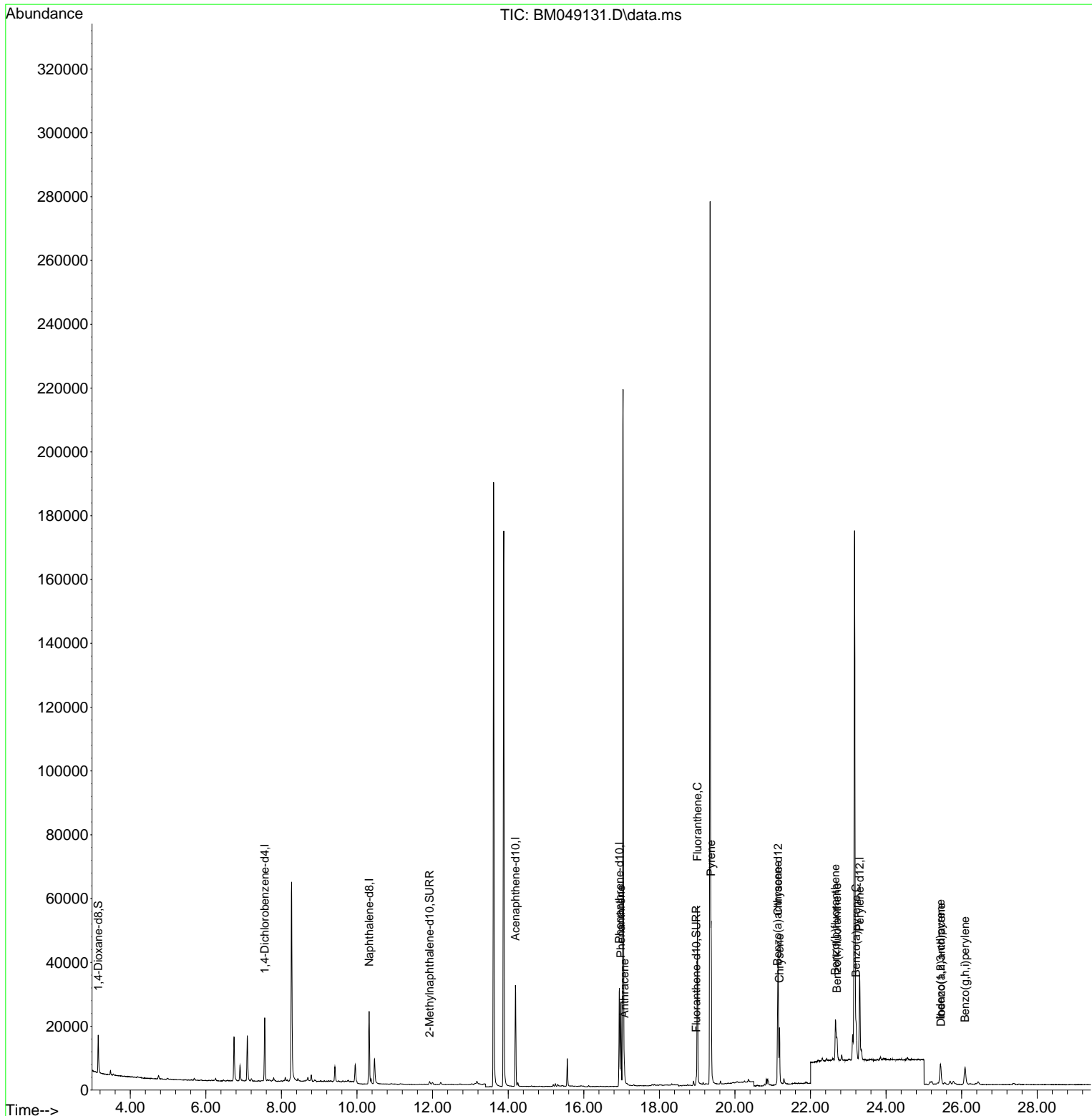
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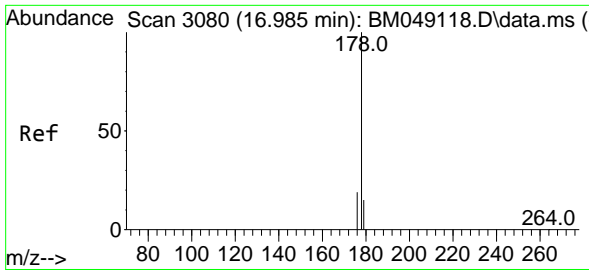
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
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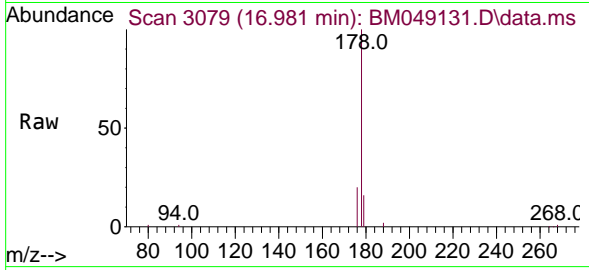
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#15
 Phenanthrene
 Concen: 0.289 ng/u1
 RT: 16.981 min Scan# 3080
 Delta R.T. -0.011 min
 Lab File: BM049131.D
 Acq: 21 Dec 2024 10:14

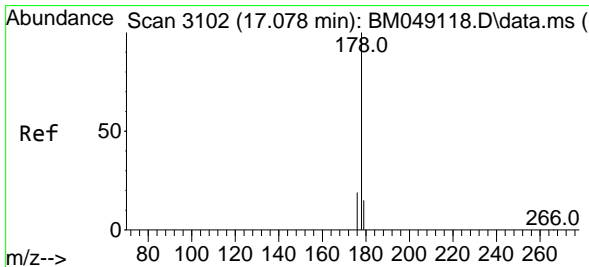
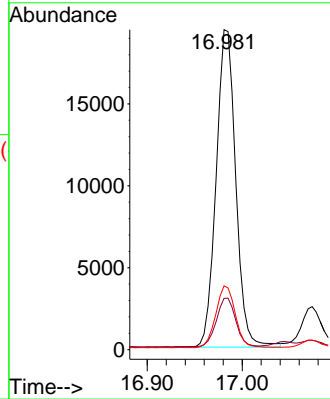
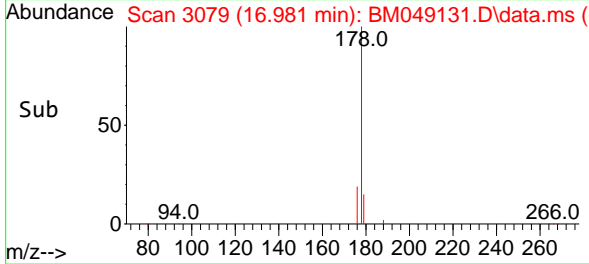
Instrument :
 BNA_M
 ClientSampleId :
 E2901DL



Tgt Ion:178 Resp: 2785
 Ion Ratio Lower Upper
 178 100
 179 16.0 13.0 19.4
 176 20.0 16.2 24.2

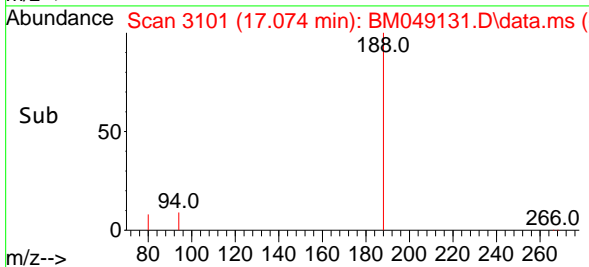
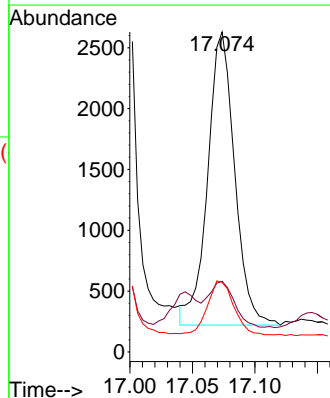
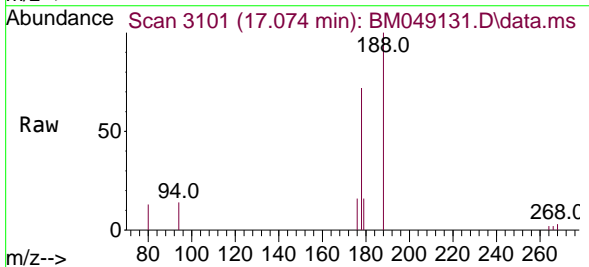
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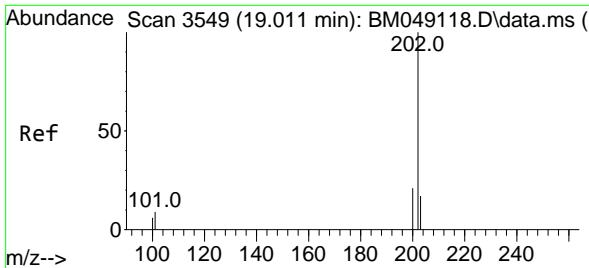
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#16
 Anthracene
 Concen: 0.041 ng/u1
 RT: 17.074 min Scan# 3101
 Delta R.T. -0.011 min
 Lab File: BM049131.D
 Acq: 21 Dec 2024 10:14

Tgt Ion:178 Resp: 3617
 Ion Ratio Lower Upper
 178 100
 179 22.1 12.9 19.3#
 176 21.7 15.3 22.9





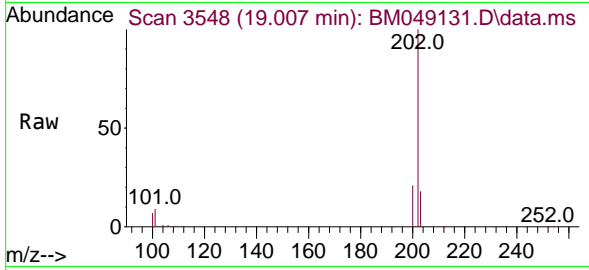
#19
 Fluoranthene
 Concen: 0.427 ng/u1
 RT: 19.007 min Scan# 3549
 Delta R.T. -0.008 min
 Lab File: BM049131.D
 Acq: 21 Dec 2024 10:14

Instrument :

BNA_M

ClientSampleId :

E2901DL

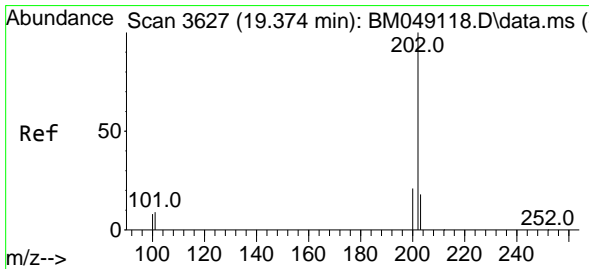
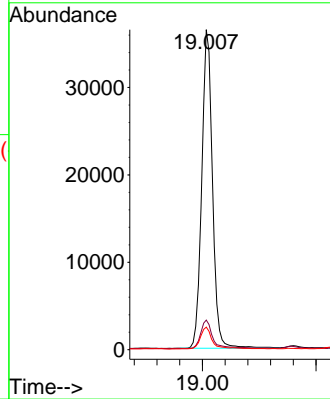
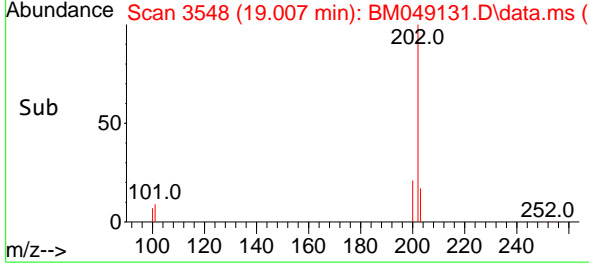


Tgt Ion:202 Resp: 47950
 Ion Ratio Lower Upper
 202 100
 101 9.3 7.6 11.4
 100 7.1 5.5 8.3

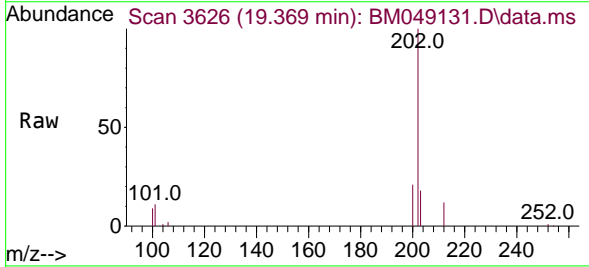
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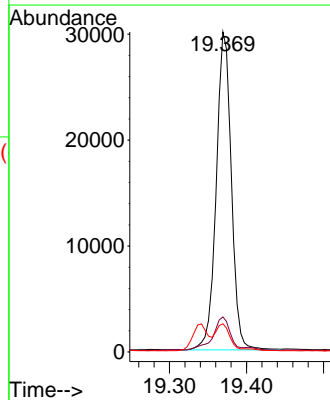
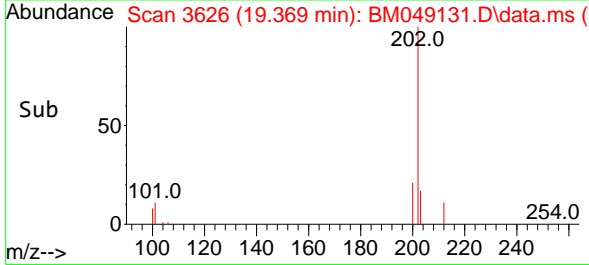
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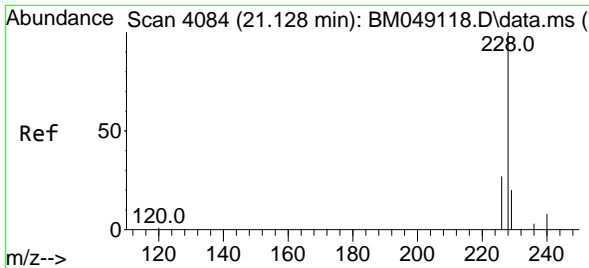


#20
 Pyrene
 Concen: 0.342 ng/u1
 RT: 19.369 min Scan# 3626
 Delta R.T. -0.008 min
 Lab File: BM049131.D
 Acq: 21 Dec 2024 10:14



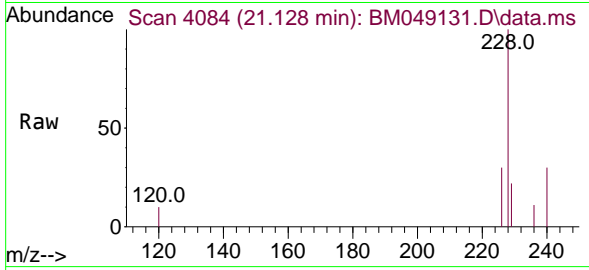
Tgt Ion:202 Resp: 40922
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.9 13.3
 100 8.8 6.9 10.3





#21
 Benzo(a)anthracene
 Concen: 0.149 ng/u1
 RT: 21.128 min Scan# 4084
 Delta R.T. -0.003 min
 Lab File: BM049131.D
 Acq: 21 Dec 2024 10:14

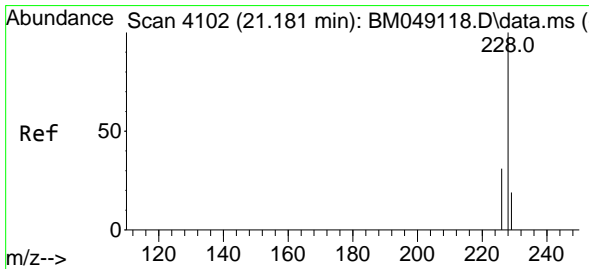
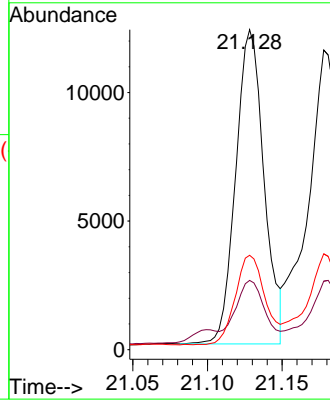
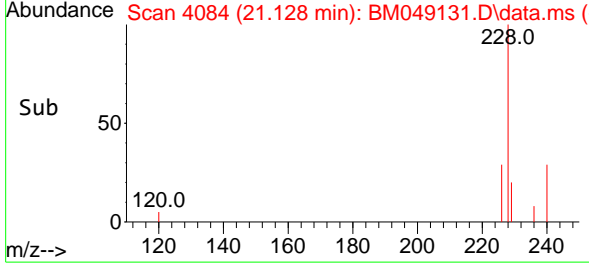
Instrument :
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 ClientSampleId :
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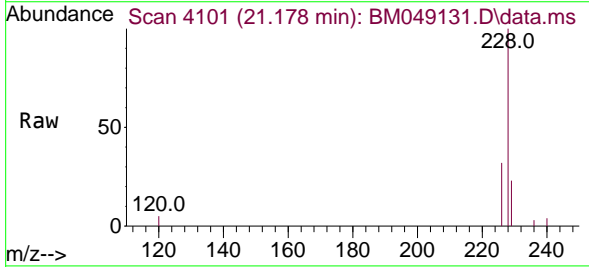
Tgt Ion:228 Resp: 1610
 Ion Ratio Lower Upper
 228 100
 229 21.6 15.9 23.9
 226 29.5 22.6 34.0

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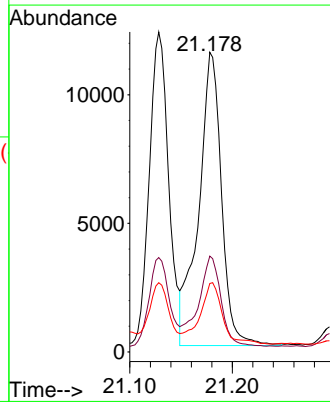
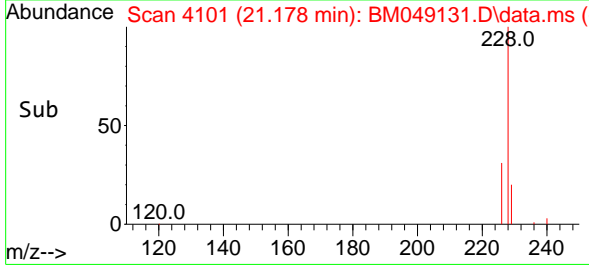
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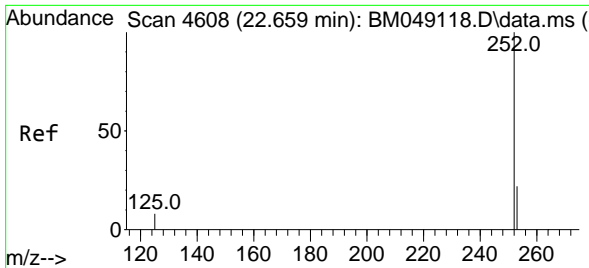


#22
 Chrysene
 Concen: 0.153 ng/u1 m
 RT: 21.178 min Scan# 4101
 Delta R.T. -0.006 min
 Lab File: BM049131.D
 Acq: 21 Dec 2024 10:14



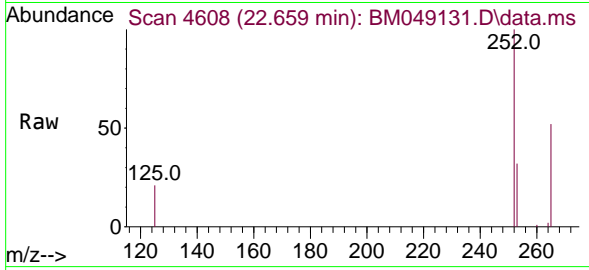
Tgt Ion:228 Resp: 17737
 Ion Ratio Lower Upper
 228 100
 226 32.0 24.1 36.1
 229 22.9 15.8 23.8





#24
 Benzo(b)fluoranthene
 Concen: 0.189 ng/ul m
 RT: 22.659 min Scan# 4608
 Delta R.T. -0.003 min
 Lab File: BM049131.D
 Acq: 21 Dec 2024 10:14

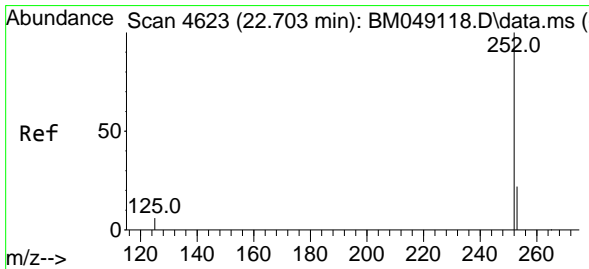
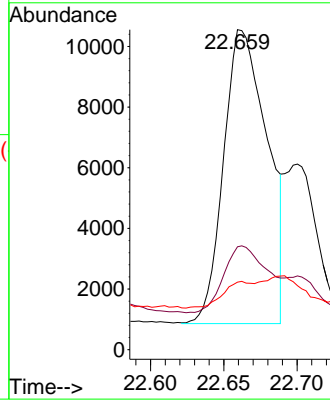
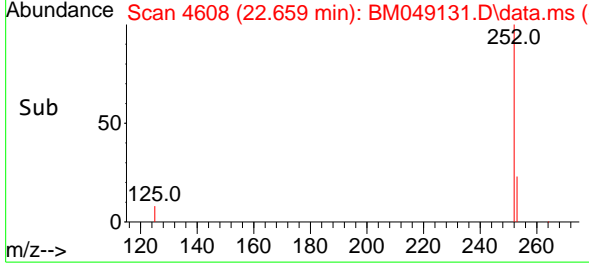
Instrument :
 BNA_M
 ClientSampleId :
 E2901DL



Tgt Ion:252 Resp: 2005
 Ion Ratio Lower Upper
 252 100
 253 32.2 0.0 52.6
 125 21.1 0.0 30.8

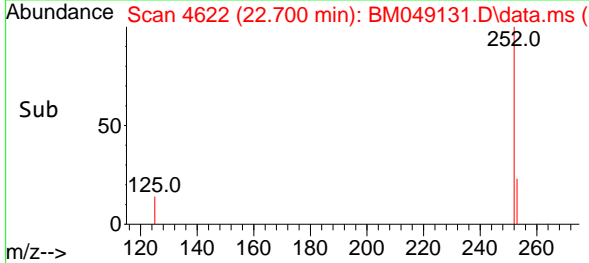
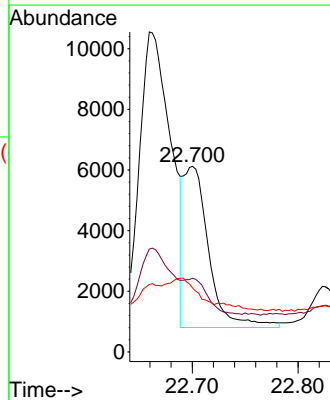
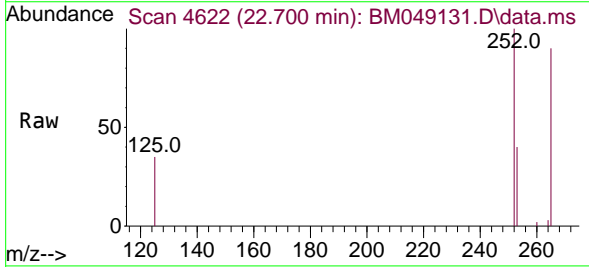
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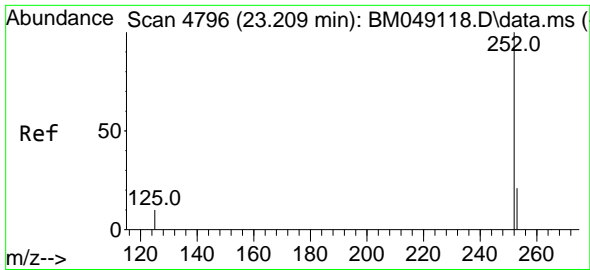
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#25
 Benzo(k)fluoranthene
 Concen: 0.076 ng/ul m
 RT: 22.700 min Scan# 4622
 Delta R.T. -0.006 min
 Lab File: BM049131.D
 Acq: 21 Dec 2024 10:14

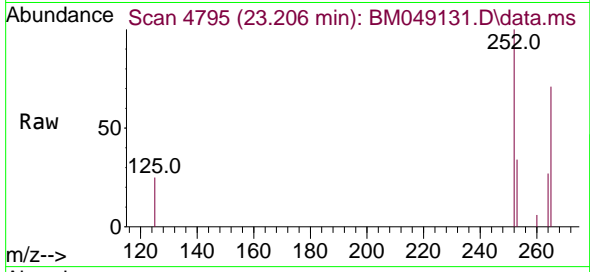
Tgt Ion:252 Resp: 8898
 Ion Ratio Lower Upper
 252 100
 253 39.8 21.3 31.9#
 125 34.5 12.6 18.8#





#26
 Benzo(a)pyrene
 Concen: 0.126 ng/u1
 RT: 23.206 min Scan# 4795
 Delta R.T. -0.003 min
 Lab File: BM049131.D
 Acq: 21 Dec 2024 10:14

Instrument :
 BNA_M
 ClientSampleId :
 E2901DL

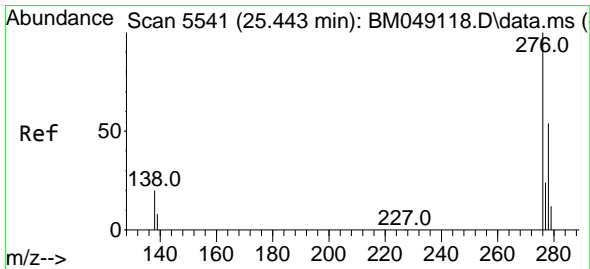
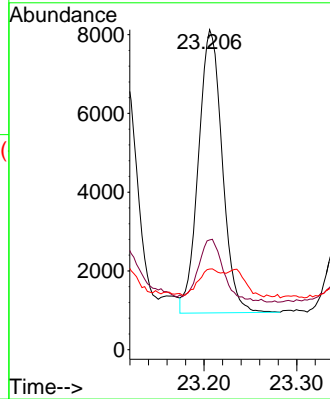
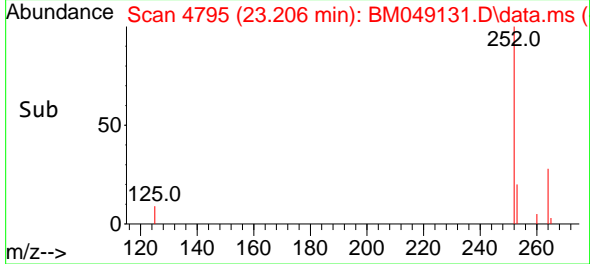


Tgt Ion: 252 Resp: 1285

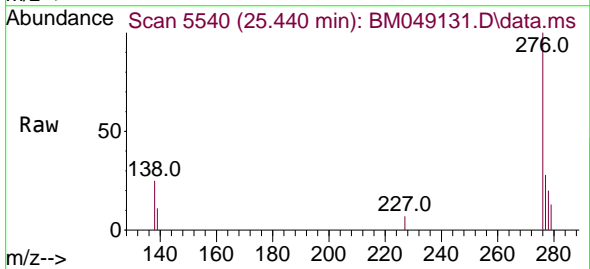
Ion	Ratio	Lower	Upper
252	100		
253	34.3	22.4	33.6
125	25.2	14.8	22.2

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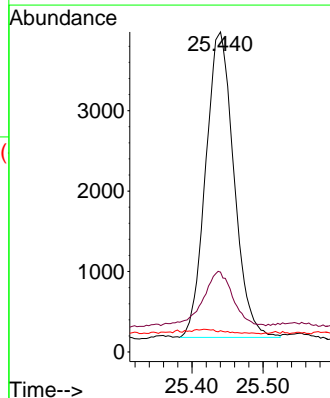
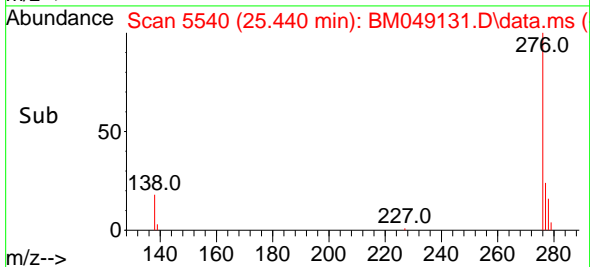


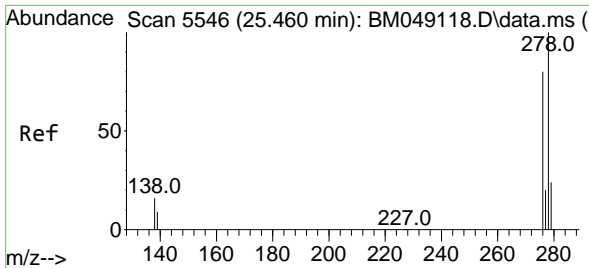
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.072 ng/u1
 RT: 25.440 min Scan# 5540
 Delta R.T. -0.007 min
 Lab File: BM049131.D
 Acq: 21 Dec 2024 10:14



Tgt Ion: 276 Resp: 10436

Ion	Ratio	Lower	Upper
276	100		
138	19.2	17.4	26.2
227	0.0	0.2	0.2





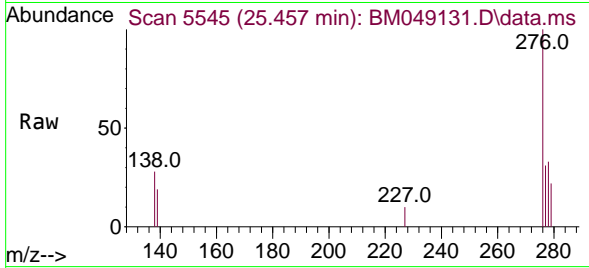
#28
 Dibenzo(a,h)anthracene
 Concen: 0.020 ng/ul
 RT: 25.457 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: BM049131.D
 Acq: 21 Dec 2024 10:14

Instrument :

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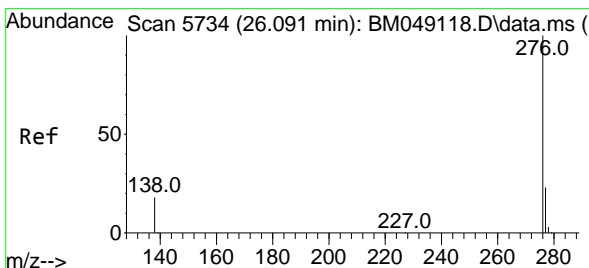
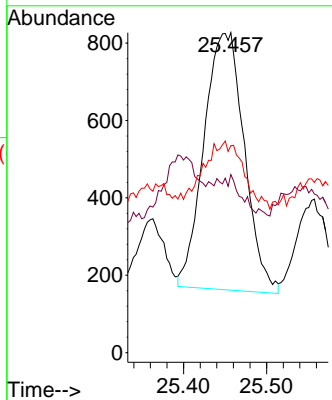
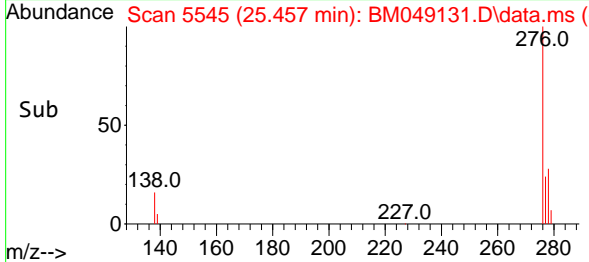
Tgt Ion: 278 Resp: 224

Ion	Ratio	Lower	Upper
278	100		
139	55.6	13.5	20.3
279	64.7	21.5	32.3

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#29
 Benzo(g,h,i)perylene
 Concen: 0.099 ng/ul
 RT: 26.091 min Scan# 5734
 Delta R.T. -0.004 min
 Lab File: BM049131.D
 Acq: 21 Dec 2024 10:14

Tgt Ion: 276 Resp: 11521

Ion	Ratio	Lower	Upper
276	100		
138	24.6	16.7	25.1
277	27.5	19.9	29.9

