

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037096.D
 Acq On : 15 Oct 2022 17:34
 Operator : CG/JU
 Sample : N5049-12DL 5X
 Misc :
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BP8DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022

Quant Time: Oct 17 00:56:44 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 15 04:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	6365	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	22765	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.556	164	11879	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	22170	0.400	ng/ul	0.00
17) Chrysene-d12	21.468	240	13316	0.400	ng/ul	0.00
23) Perylene-d12	23.856	264	10763	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	6581	0.733	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	1778	0.052	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	2782	0.070	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.339	178	1970	0.028	ng/ul#	88
19) Fluoranthene	19.350	202	3780	0.071	ng/ul#	88
20) Pyrene	19.707	202	3404m	0.062	ng/ul	
21) Benzo(a)anthracene	21.453	228	1598	0.033	ng/ul#	81
22) Chrysene	21.506	228	1906	0.037	ng/ul#	89
24) Benzo(b)fluoranthene	23.131	252	2517	0.052	ng/ul#	20
26) Benzo(a)pyrene	23.748	252	1304	0.033	ng/ul#	8
27) Indeno(1,2,3-cd)pyrene	26.333	276	1179	0.021	ng/ul#	100
29) Benzo(g,h,i)perylene	27.097	276	1014	0.021	ng/ul#	51

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

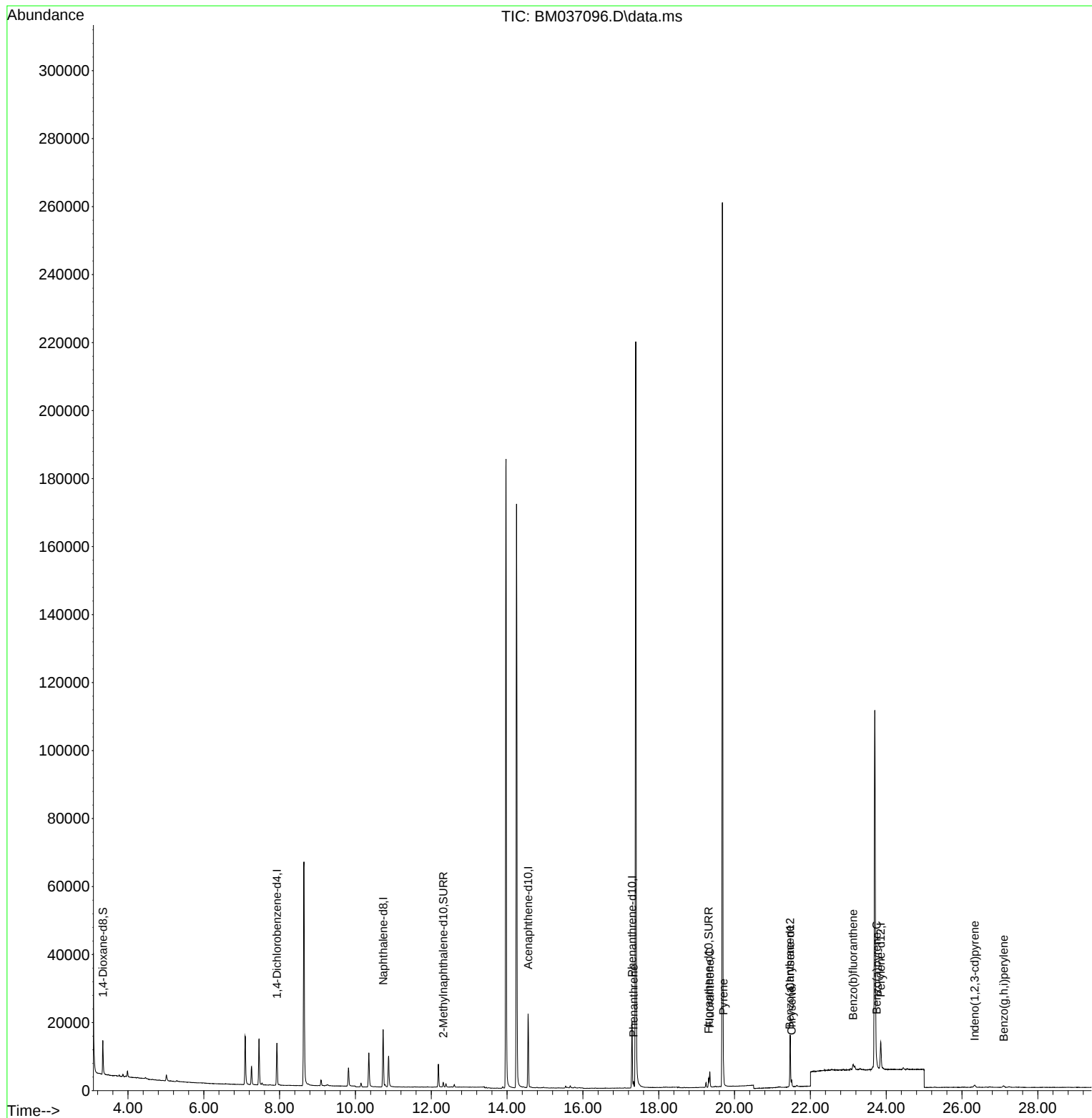
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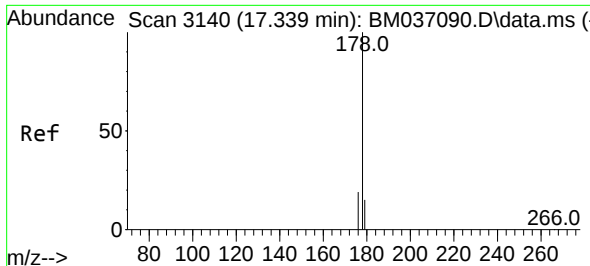
Instrument :
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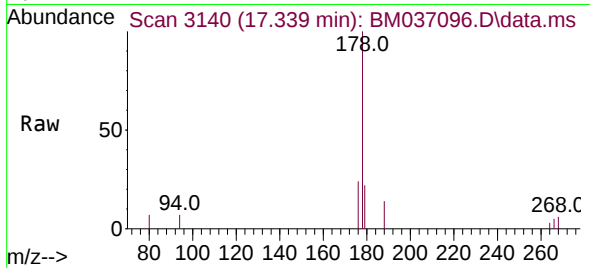
Quant Time: Oct 17 00:56:44 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 15 04:13:53 2022
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.028 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM037096.D
Acq: 15 Oct 2022 17:34

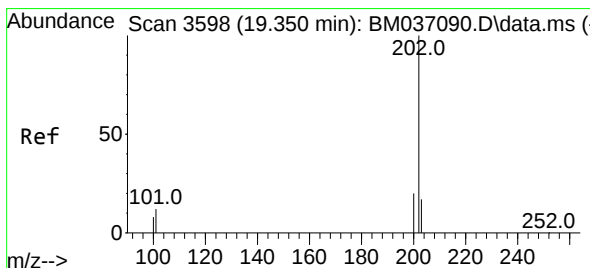
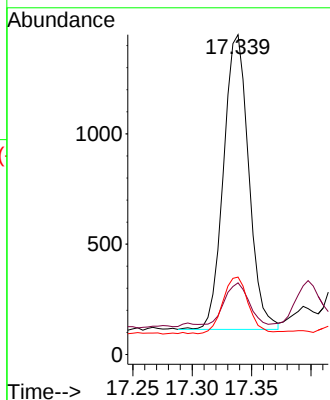
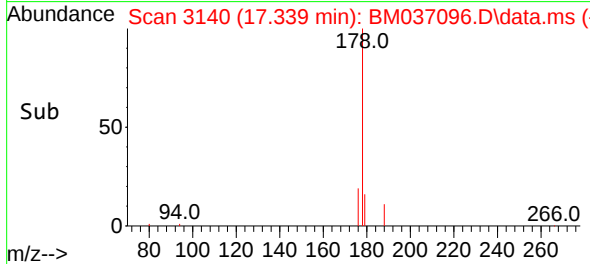
Instrument :
BNA_M
ClientSampleId :
C0BP8DL



Tgt Ion:178 Resp: 1970
Ion Ratio Lower Upper
178 100
179 22.4 13.0 19.6#
176 24.2 15.6 23.4#

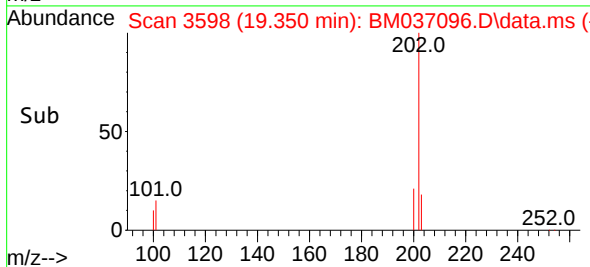
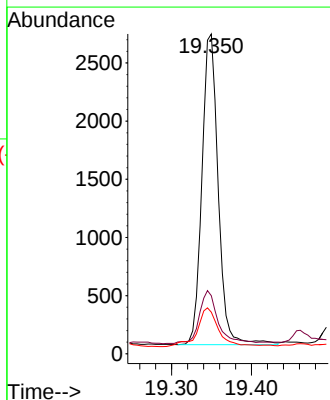
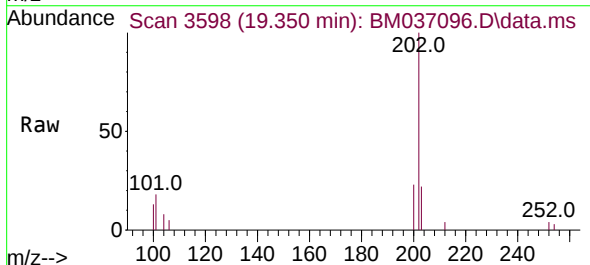
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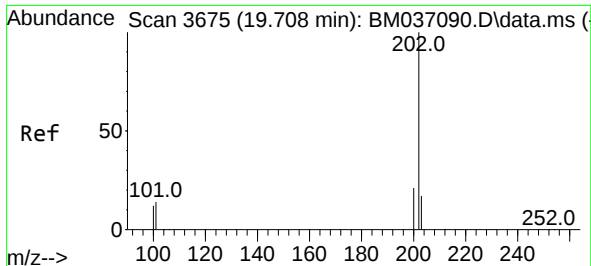
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#19
Fluoranthene
Concen: 0.071 ng/ul
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM037096.D
Acq: 15 Oct 2022 17:34

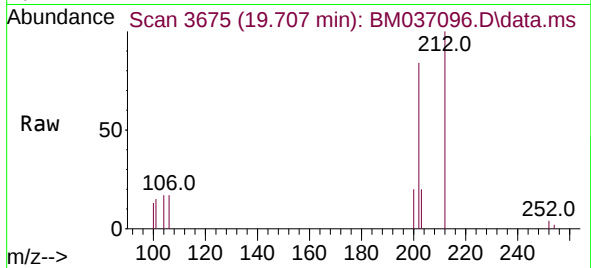
Tgt Ion:202 Resp: 3780
Ion Ratio Lower Upper
202 100
101 18.2 10.1 15.1#
100 13.0 7.9 11.9#





#20
Pyrene
Concen: 0.062 ng/ul m
RT: 19.707 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM037096.D
Acq: 15 Oct 2022 17:34

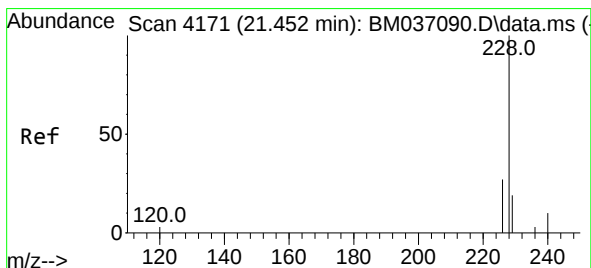
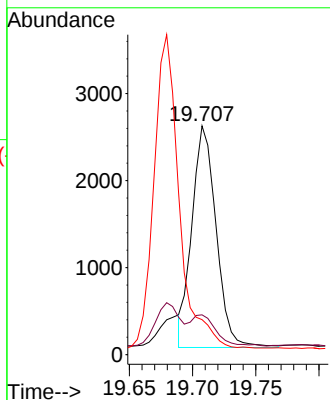
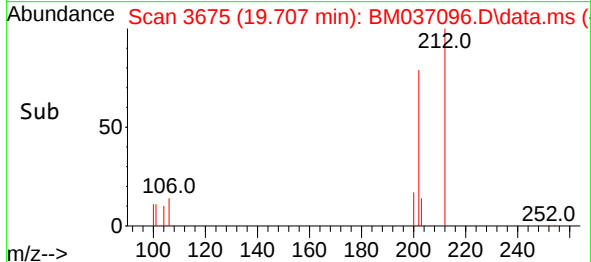
Instrument :
BNA_M
ClientSampleId :
C0BP8DL



Tgt Ion:202 Resp: 3404
Ion Ratio Lower Upper
202 100
101 17.4 12.0 18.0
100 15.3 9.8 14.6

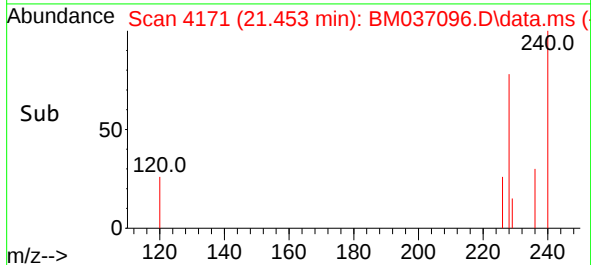
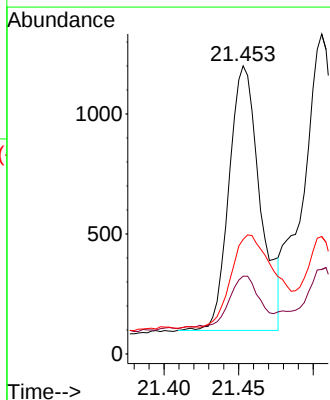
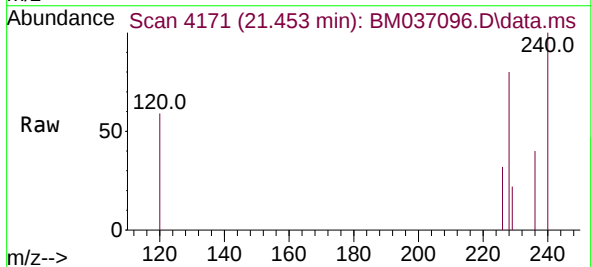
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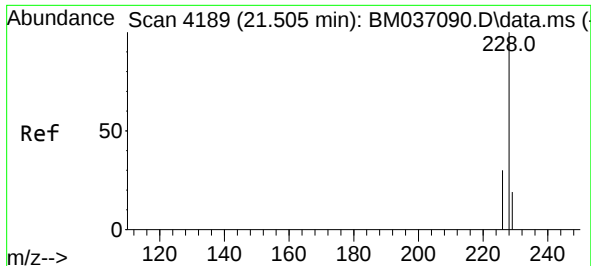
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#21
Benzo(a)anthracene
Concen: 0.033 ng/ul
RT: 21.453 min Scan# 4171
Delta R.T. 0.003 min
Lab File: BM037096.D
Acq: 15 Oct 2022 17:34

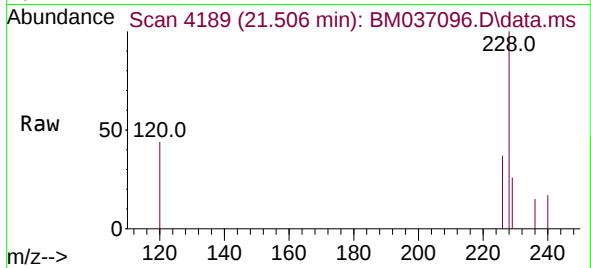
Tgt Ion:228 Resp: 1598
Ion Ratio Lower Upper
228 100
229 27.0 16.2 24.2#
226 39.7 22.5 33.7#





#22
Chrysene
Concen: 0.037 ng/ul
RT: 21.506 min Scan# 4189
Delta R.T. 0.003 min
Lab File: BM037096.D
Acq: 15 Oct 2022 17:34

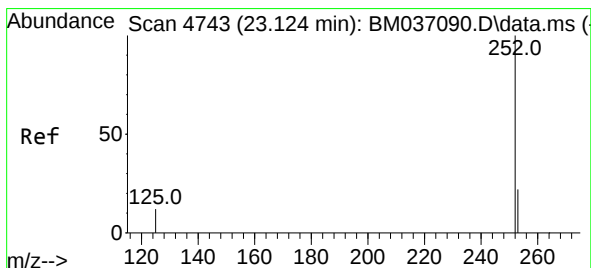
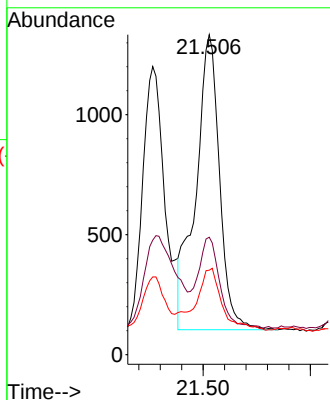
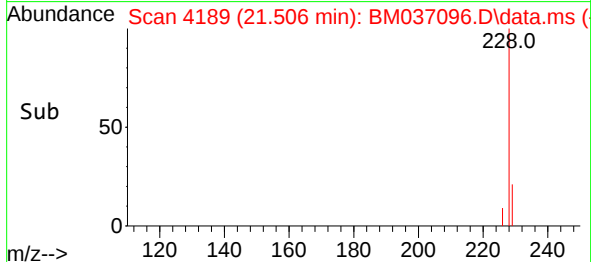
Instrument :
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ClientSampleId :
C0BP8DL



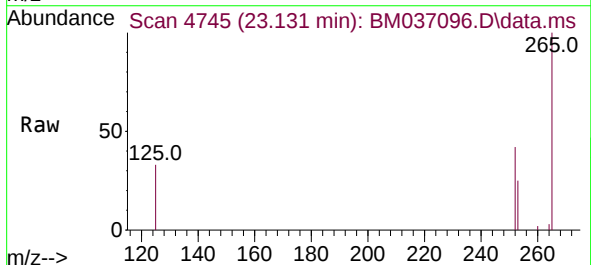
Tgt Ion:228 Resp: 1906
Ion Ratio Lower Upper
228 100
226 36.7 24.6 37.0
229 26.4 16.4 24.6

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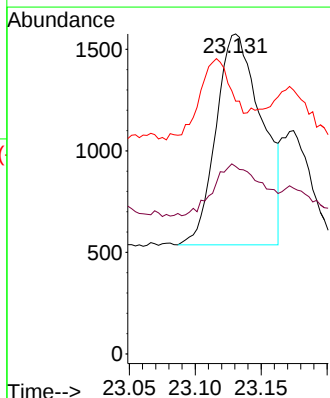
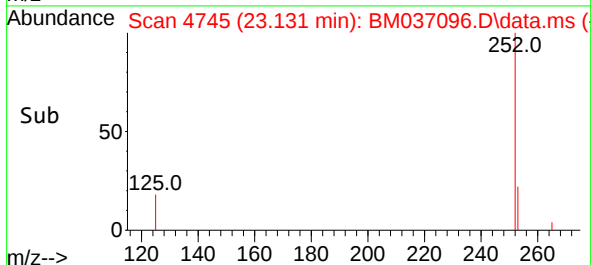
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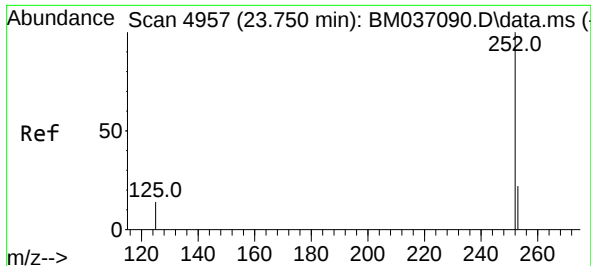


#24
Benzo(b)fluoranthene
Concen: 0.052 ng/ul
RT: 23.131 min Scan# 4745
Delta R.T. 0.009 min
Lab File: BM037096.D
Acq: 15 Oct 2022 17:34



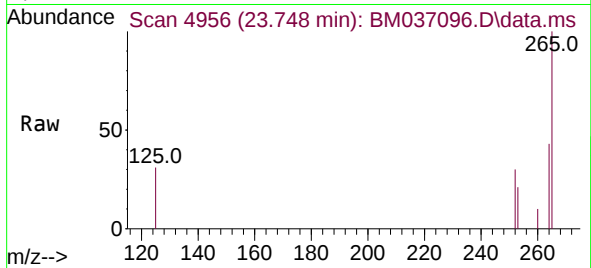
Tgt Ion:252 Resp: 2517
Ion Ratio Lower Upper
252 100
253 58.6 0.0 61.4
125 79.0 0.0 42.6





#26
Benzo(a)pyrene
Concen: 0.033 ng/ul
RT: 23.748 min Scan# 4957
Delta R.T. 0.003 min
Lab File: BM037096.D
Acq: 15 Oct 2022 17:34

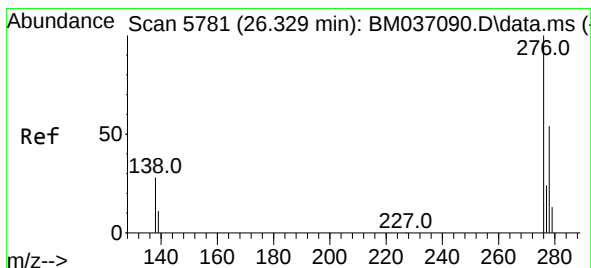
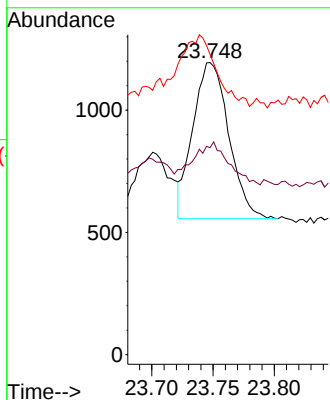
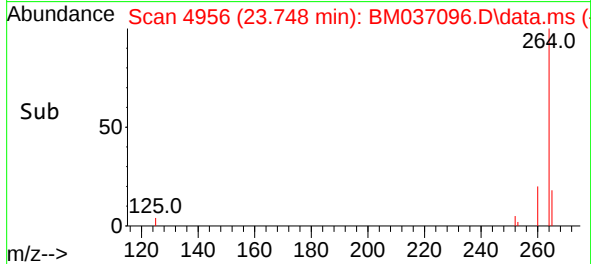
Instrument :
BNA_M
ClientSampleId :
C0BP8DL



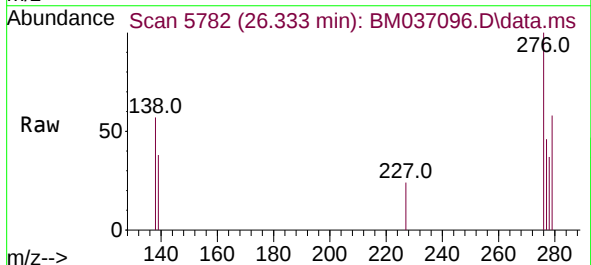
Tgt Ion:252 Resp: 1304
Ion Ratio Lower Upper
252 100
253 70.9 29.7 44.5
125 102.8 23.6 35.4

Manual Integrations
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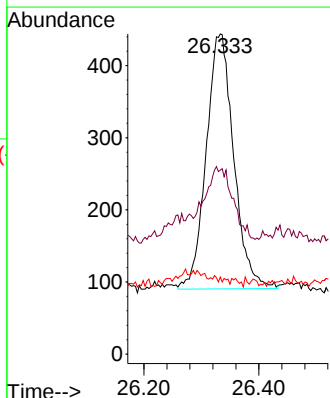
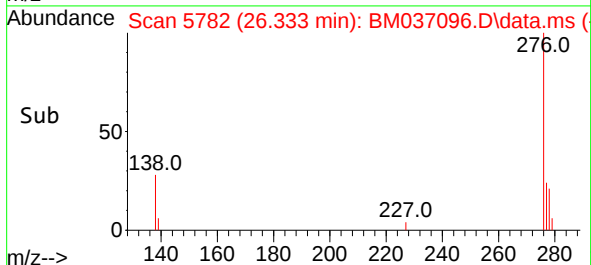
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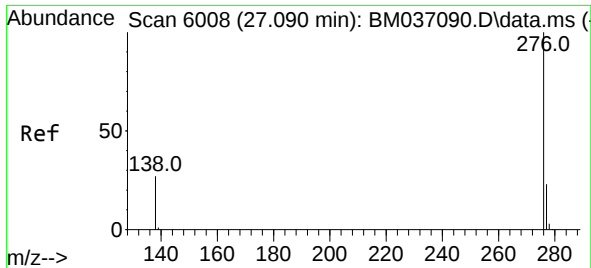


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng/ul
RT: 26.333 min Scan# 5782
Delta R.T. 0.007 min
Lab File: BM037096.D
Acq: 15 Oct 2022 17:34



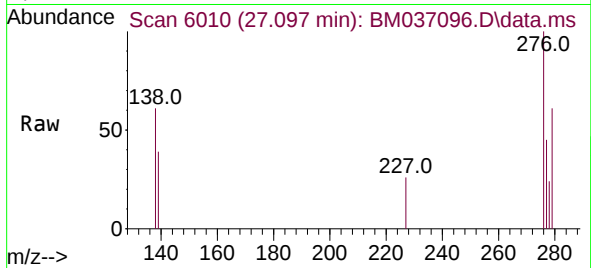
Tgt Ion:276 Resp: 1179
Ion Ratio Lower Upper
276 100
138 29.9 23.9 35.9
227 0.0 0.1 0.1





#29
 Benzo(g,h,i)perylene
 Concen: 0.021 ng/ul
 RT: 27.097 min Scan# 6010
 Delta R.T. 0.010 min
 Lab File: BM037096.D
 Acq: 15 Oct 2022 17:34

Instrument :
 BNA_M
 ClientSampleId :
 C0BP8DL



Tgt Ion:	276	Resp:	1014
Ion Ratio	Lower	Upper	
276	100		
138	60.8	23.4	35.0
277	45.4	21.0	31.4

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