

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037640.D
 Acq On : 22 Nov 2022 13:54
 Operator : CG/JU
 Sample : N5577-11
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C9835

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2022
 Supervised By :mohammad ahmed 11/25/2022

Quant Time: Nov 22 14:47:25 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 22:36:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	6943	0.400	ng/ul	0.00
4) Naphthalene-d8	10.952	136	21265	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.750	164	12963	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.482	188	27954	0.400	ng/ul	0.00
17) Chrysene-d12	21.640	240	21947	0.400	ng/ul	# 0.00
23) Perylene-d12	24.124	264	23276	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	39968	4.951	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.524	152	8469	0.240	ng/ul	0.00
18) Fluoranthene-d10	19.493	212	20401	0.281	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.524	178	5422	0.057	ng/ul#	94
19) Fluoranthene	19.521	202	11930	0.113	ng/ul#	91
20) Pyrene	19.884	202	9741	0.088	ng/ul#	88
21) Benzo(a)anthracene	21.622	228	4603	0.047	ng/ul	95
22) Chrysene	21.675	228	5224	0.054	ng/ul	95
24) Benzo(b)fluoranthene	23.361	252	7772	0.073	ng/ul#	34
25) Benzo(k)fluoranthene	23.414	252	3087m	0.029	ng/ul	
26) Benzo(a)pyrene	24.013	252	4845	0.052	ng/ul#	8
27) Indeno(1,2,3-cd)pyrene	26.725	276	4007	0.033	ng/ul#	87
29) Benzo(g,h,i)perylene	27.540	276	3088	0.030	ng/ul#	74

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

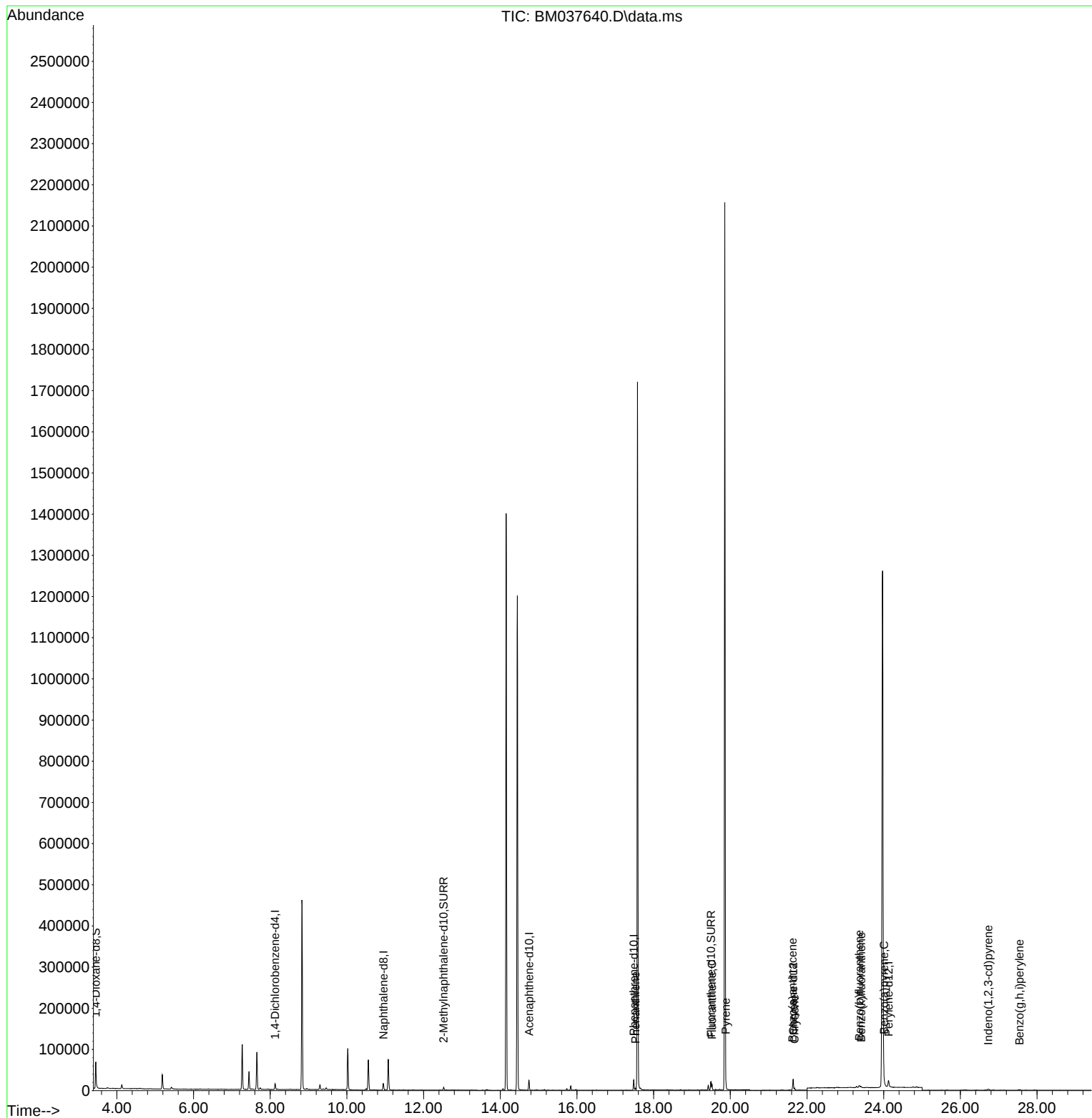
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
Data File : BM037640.D
Acq On : 22 Nov 2022 13:54
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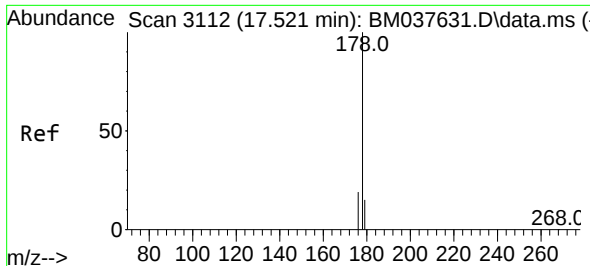
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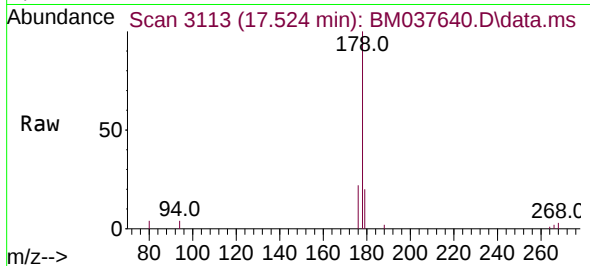
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.057 ng/ul
RT: 17.524 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM037640.D
Acq: 22 Nov 2022 13:54

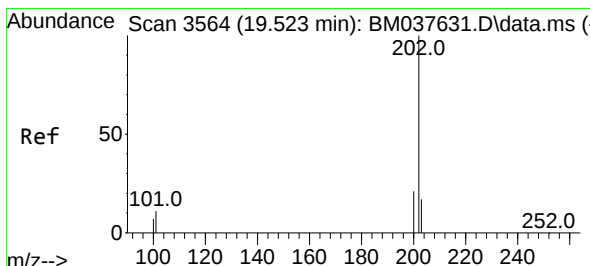
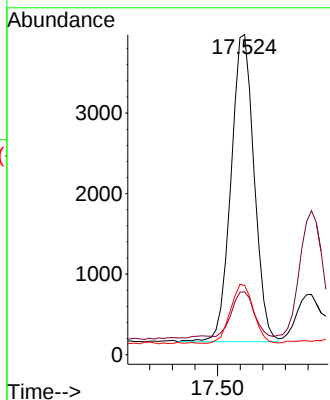
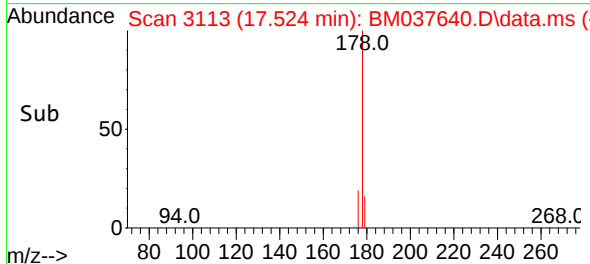
Instrument :
BNA_M
ClientSampleId :
C9835



Tgt Ion:178 Resp: 5422
Ion Ratio Lower Upper
178 100
179 19.6 12.6 18.8#
176 21.6 16.0 24.0#

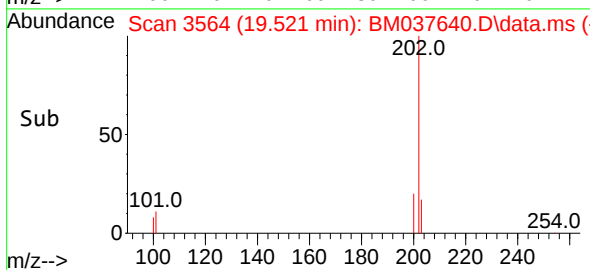
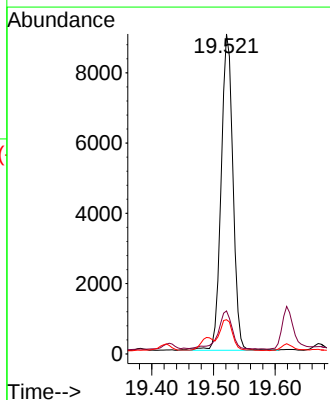
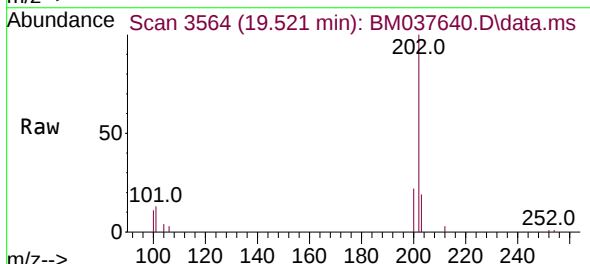
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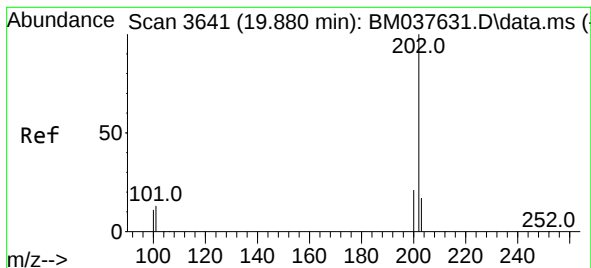
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#19
Fluoranthene
Concen: 0.113 ng/ul
RT: 19.521 min Scan# 3564
Delta R.T. -0.000 min
Lab File: BM037640.D
Acq: 22 Nov 2022 13:54

Tgt Ion:202 Resp: 11930
Ion Ratio Lower Upper
202 100
101 13.4 8.2 12.2#
100 10.7 6.1 9.1#





#20

Pyrene

Concen: 0.088 ng/ul

RT: 19.884 min Scan# 3641

Delta R.T. -0.000 min

Lab File: BM037640.D

Acq: 22 Nov 2022 13:54

Instrument :

BNA_M

ClientSampleId :

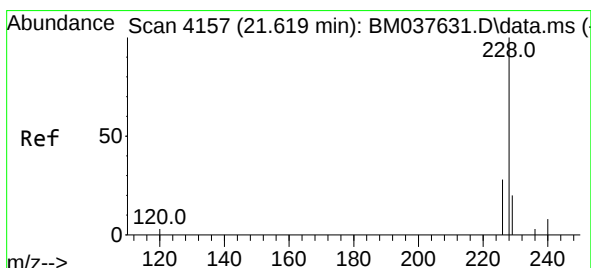
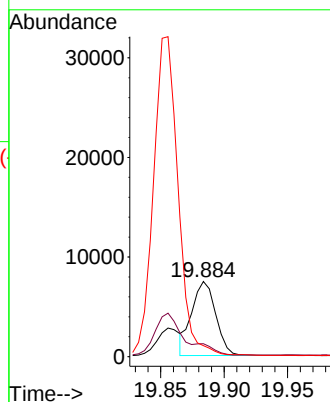
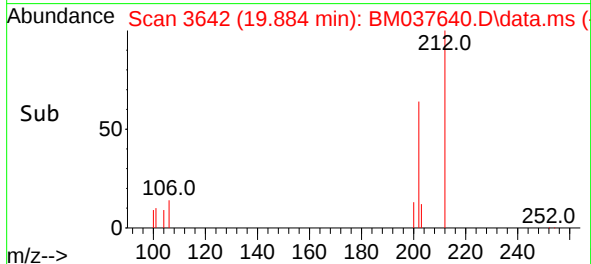
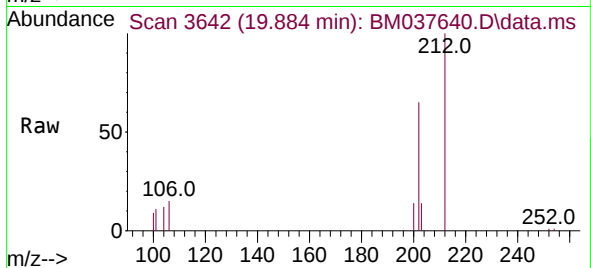
C9835

Tgt Ion:202 Resp: 974
 Ion Ratio Lower Upper
 202 100
 101 17.1 10.1 15.1
 100 14.6 8.0 12.0

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#21

Benzo(a)anthracene

Concen: 0.047 ng/ul

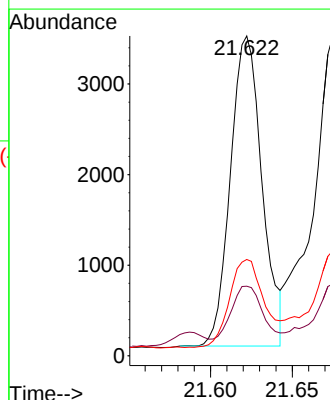
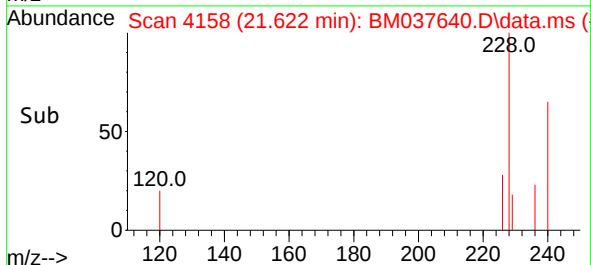
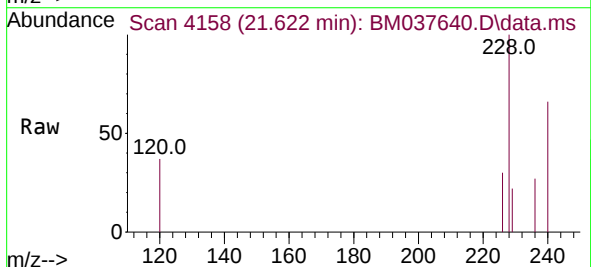
RT: 21.622 min Scan# 4158

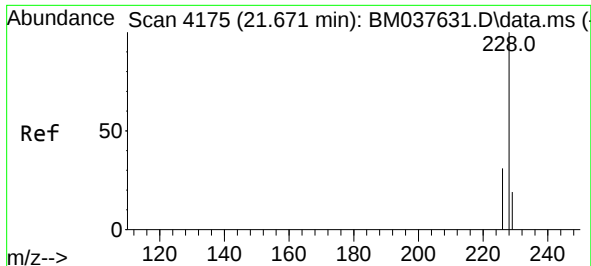
Delta R.T. -0.000 min

Lab File: BM037640.D

Acq: 22 Nov 2022 13:54

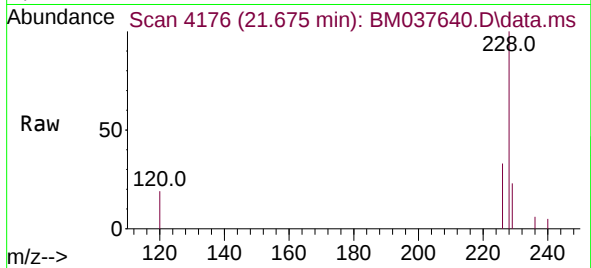
Tgt Ion:228 Resp: 4603
 Ion Ratio Lower Upper
 228 100
 229 21.8 15.7 23.5
 226 30.1 22.2 33.2





#22
Chrysene
Concen: 0.054 ng/ul
RT: 21.675 min Scan# 4175
Delta R.T. -0.000 min
Lab File: BM037640.D
Acq: 22 Nov 2022 13:54

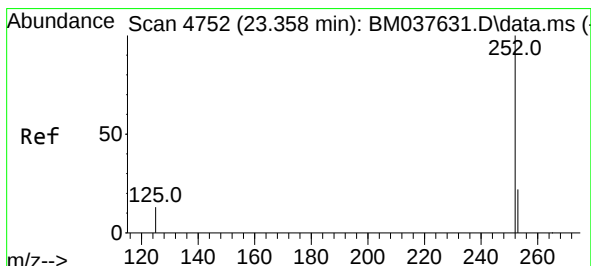
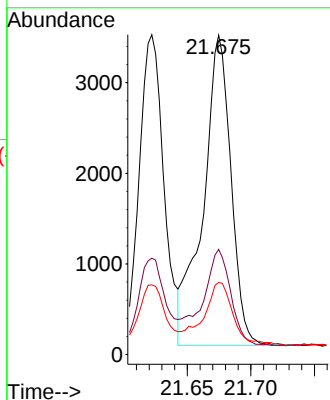
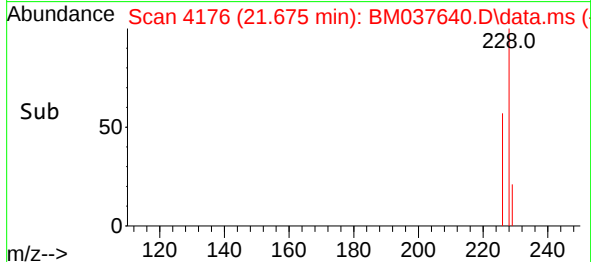
Instrument :
BNA_M
ClientSampleId :
C9835



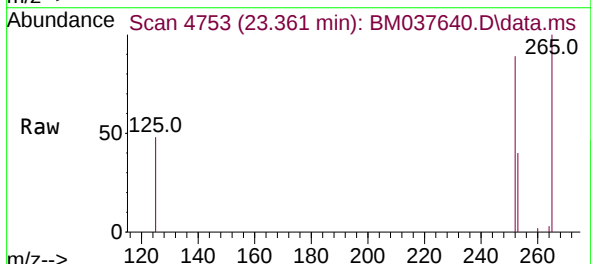
Tgt Ion:228 Resp: 5224
Ion Ratio Lower Upper
228 100
226 32.9 24.6 37.0
229 22.6 15.5 23.3

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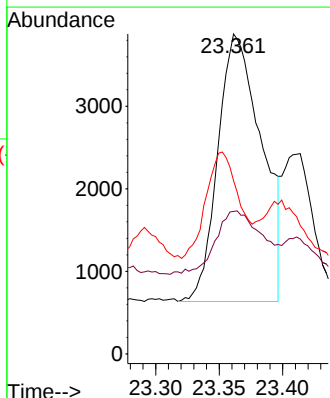
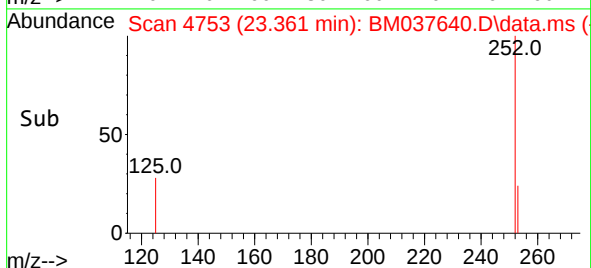
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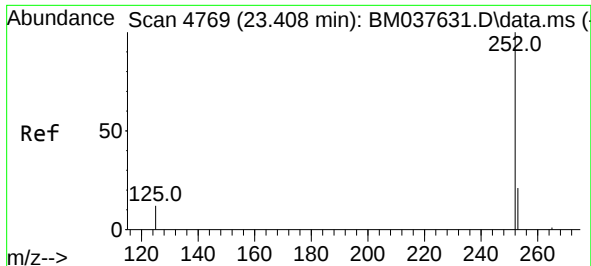


#24
Benzo(b)fluoranthene
Concen: 0.073 ng/ul
RT: 23.361 min Scan# 4753
Delta R.T. -0.000 min
Lab File: BM037640.D
Acq: 22 Nov 2022 13:54



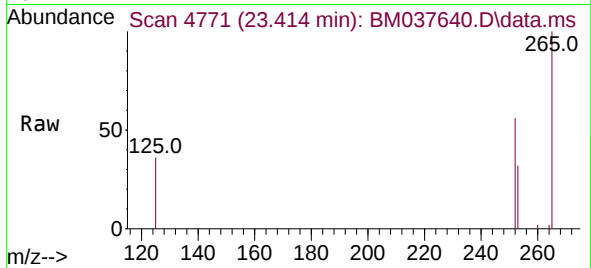
Tgt Ion:252 Resp: 7772
Ion Ratio Lower Upper
252 100
253 44.5 0.0 46.2
125 54.2 0.0 23.4#





#25
Benzo(k)fluoranthene
Concen: 0.029 ng/ul m
RT: 23.414 min Scan# 4771
Delta R.T. 0.003 min
Lab File: BM037640.D
Acq: 22 Nov 2022 13:54

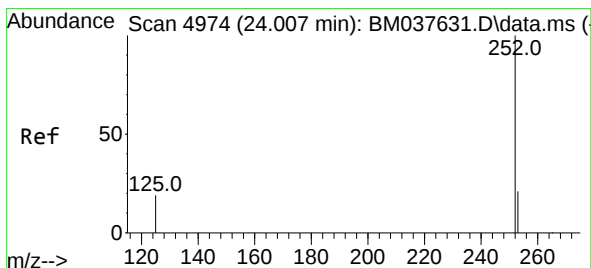
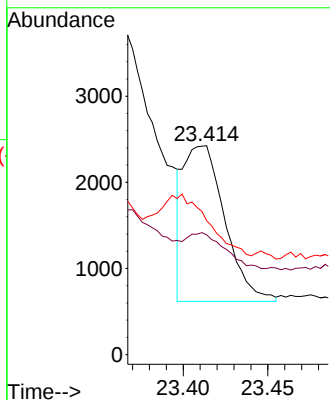
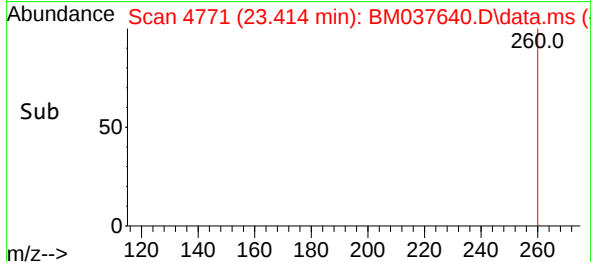
Instrument :
BNA_M
ClientSampleId :
C9835



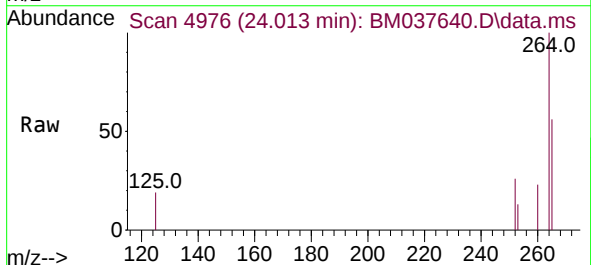
Tgt Ion:252 Resp: 308
Ion Ratio Lower Upper
252 100
253 57.3 18.8 28.2#
125 64.1 9.8 14.6#

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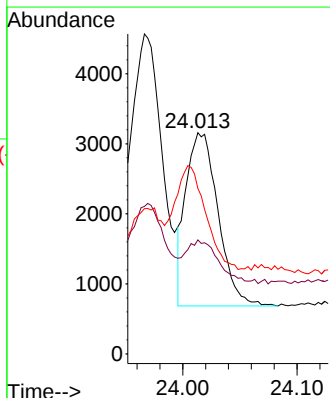
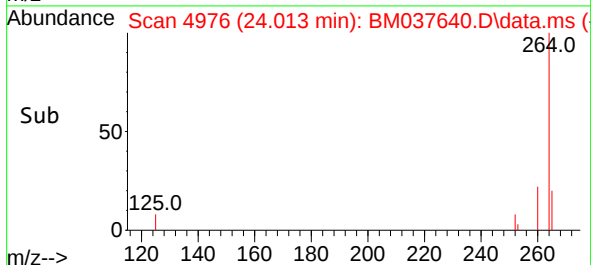
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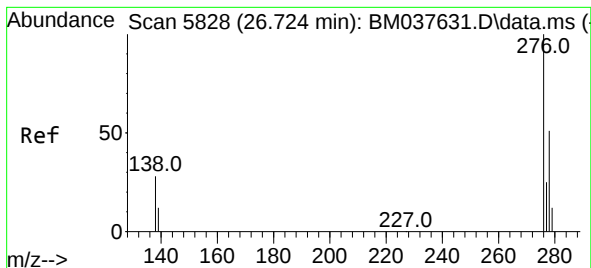


#26
Benzo(a)pyrene
Concen: 0.052 ng/ul
RT: 24.013 min Scan# 4976
Delta R.T. -0.000 min
Lab File: BM037640.D
Acq: 22 Nov 2022 13:54



Tgt Ion:252 Resp: 4845
Ion Ratio Lower Upper
252 100
253 51.6 18.8 28.2#
125 74.8 10.5 15.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.033 ng/ul

RT: 26.725 min Scan# 5828

Delta R.T. -0.003 min

Lab File: BM037640.D

Acq: 22 Nov 2022 13:54

Instrument :

BNA_M

ClientSampleId :

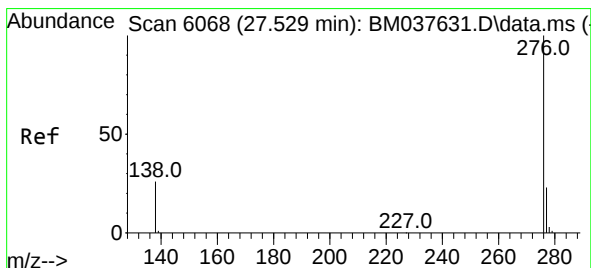
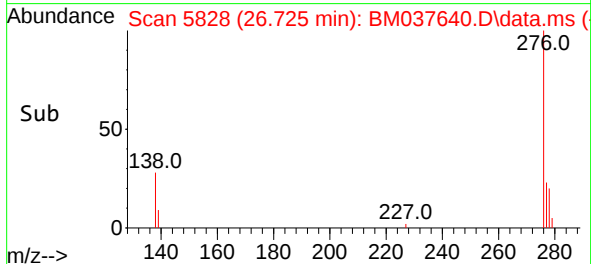
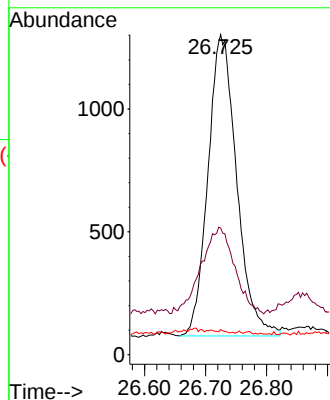
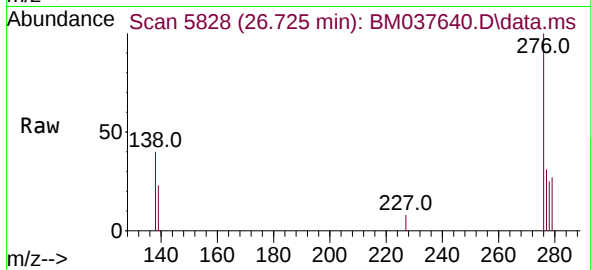
C9835

Tgt Ion:	276	Resp:	400
Ion Ratio	Lower	Upper	
276	100		
138	33.4	21.2	31.8
227	0.4	0.1	0.1

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#29

Benzo(g,h,i)perylene

Concen: 0.030 ng/ul

RT: 27.540 min Scan# 6071

Delta R.T. 0.007 min

Lab File: BM037640.D

Acq: 22 Nov 2022 13:54

Tgt Ion:	276	Resp:	3088
Ion Ratio	Lower	Upper	
276	100		
138	38.4	19.0	28.4
277	34.8	19.4	29.2

