

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037639.D
 Acq On : 22 Nov 2022 13:17
 Operator : CG/JU
 Sample : N5577-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C9831

Manual Integrations
 APPROVED

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

Quant Time: Nov 22 22:41:32 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	6297	0.400	ng/ul	0.00
4) Naphthalene-d8	10.947	136	19112	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.747	164	11874	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.479	188	25854	0.400	ng/ul	0.00
17) Chrysene-d12	21.639	240	19575	0.400	ng/ul	# 0.00
23) Perylene-d12	24.124	264	20114	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	27675	3.780	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.526	152	6122	0.193	ng/ul	0.00
18) Fluoranthene-d10	19.490	212	14938	0.231	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.521	178	4402	0.050	ng/ul#	91
19) Fluoranthene	19.523	202	9032	0.096	ng/ul#	90
20) Pyrene	19.885	202	7461	0.076	ng/ul#	91
21) Benzo(a)anthracene	21.622	228	3235	0.037	ng/ul#	91
22) Chrysene	21.674	228	3940	0.045	ng/ul#	93
24) Benzo(b)fluoranthene	23.361	252	5418	0.059	ng/ul#	12
25) Benzo(k)fluoranthene	23.408	252	2073m	0.022	ng/ul	
26) Benzo(a)pyrene	24.013	252	3360	0.042	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.725	276	2645	0.025	ng/ul#	73
29) Benzo(g,h,i)perylene	27.533	276	2156	0.024	ng/ul#	65

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

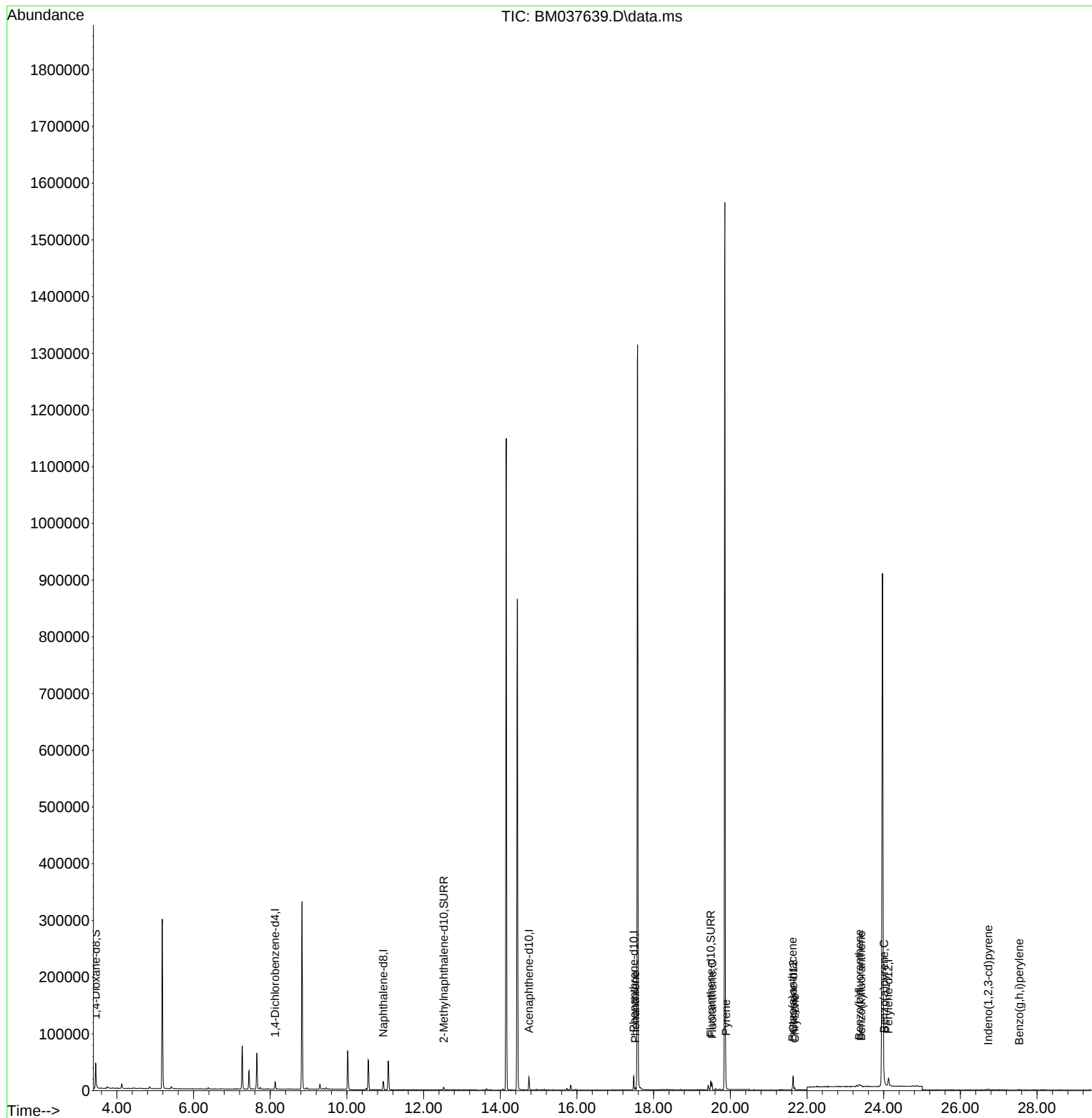
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
Data File : BM037639.D
Acq On : 22 Nov 2022 13:17
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Sample : N5577-08
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ALS Vial : 39 Sample Multiplier: 1

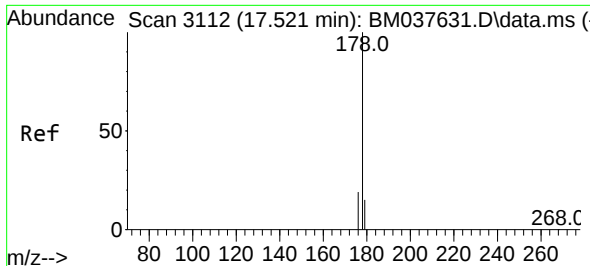
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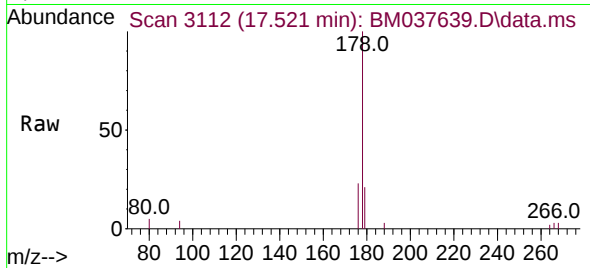
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.050 ng/ul
RT: 17.521 min Scan# 3112
Delta R.T. -0.003 min
Lab File: BM037639.D
Acq: 22 Nov 2022 13:17

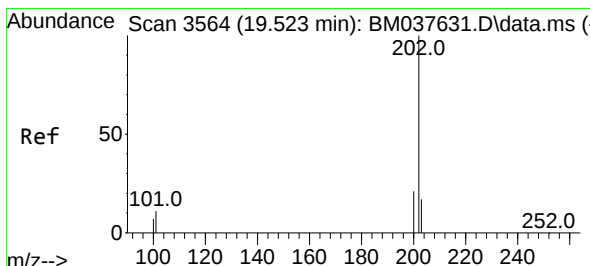
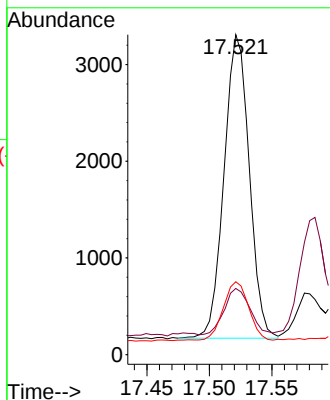
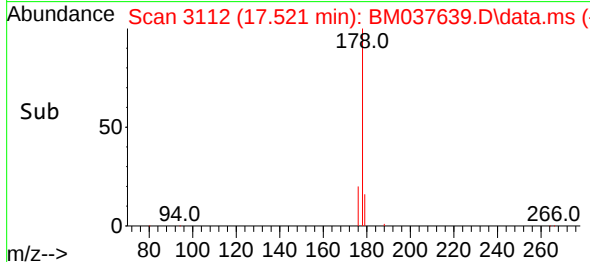
Instrument :
BNA_M
ClientSampleId :
C9831



Tgt Ion:178 Resp: 4402
Ion Ratio Lower Upper
178 100
179 20.7 12.6 18.8#
176 22.8 16.0 24.0#

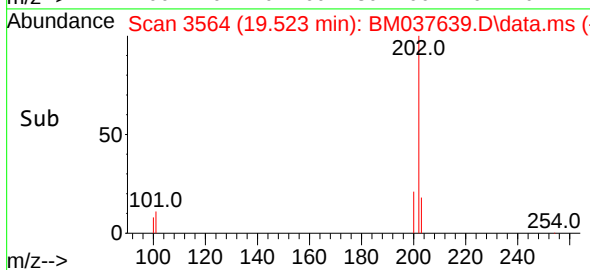
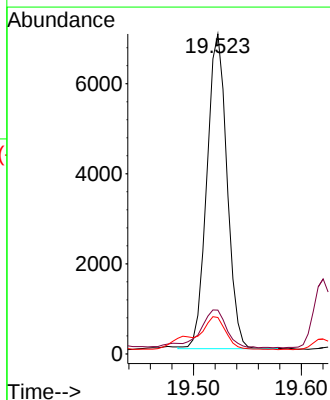
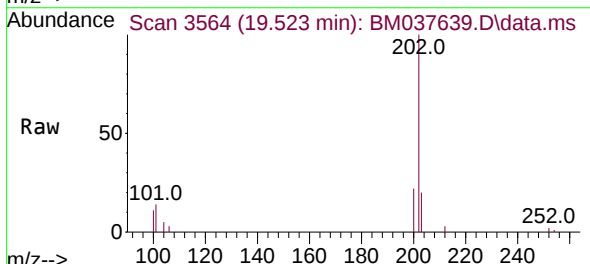
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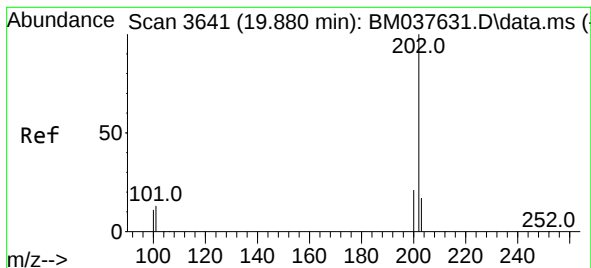
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#19
Fluoranthene
Concen: 0.096 ng/ul
RT: 19.523 min Scan# 3564
Delta R.T. 0.001 min
Lab File: BM037639.D
Acq: 22 Nov 2022 13:17

Tgt Ion:202 Resp: 9032
Ion Ratio Lower Upper
202 100
101 13.7 8.2 12.2#
100 11.4 6.1 9.1#





#20

Pyrene

Concen: 0.076 ng/ul

RT: 19.885 min Scan# 3641

Delta R.T. 0.001 min

Lab File: BM037639.D

Acq: 22 Nov 2022 13:17

Instrument :

BNA_M

ClientSampleId :

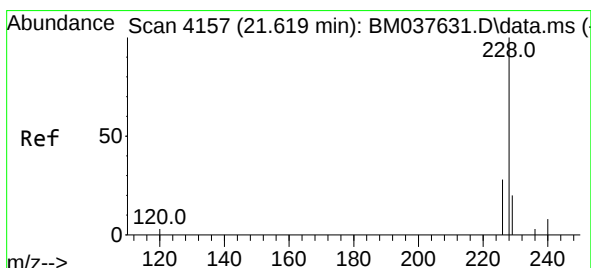
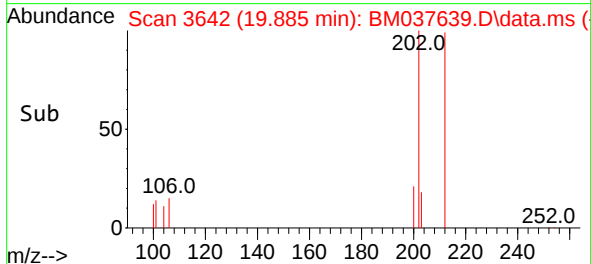
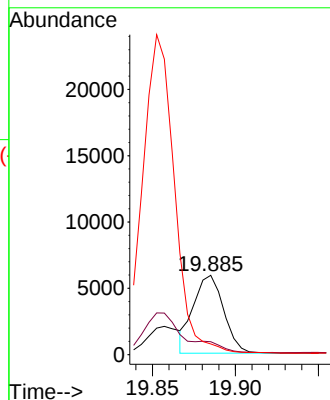
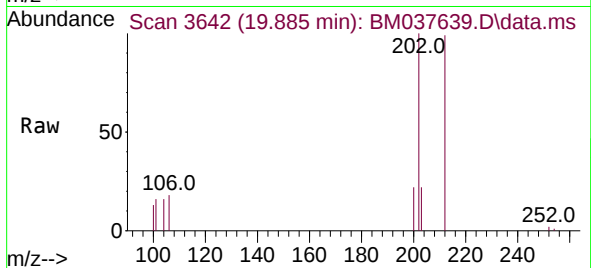
C9831

Tgt Ion:	202	Resp:	746
Ion Ratio	Lower	Upper	
202	100		
101	16.3	10.1	15.1
100	13.5	8.0	12.0

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#21

Benzo(a)anthracene

Concen: 0.037 ng/ul

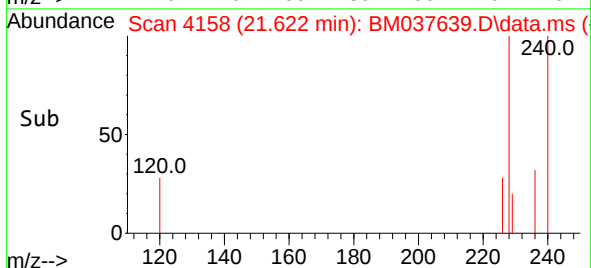
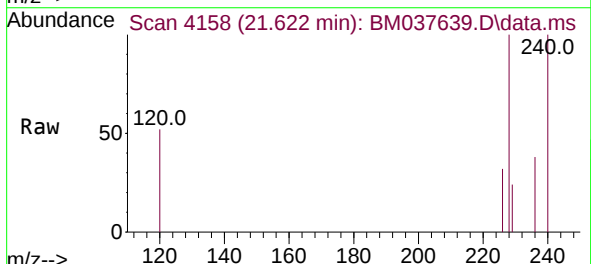
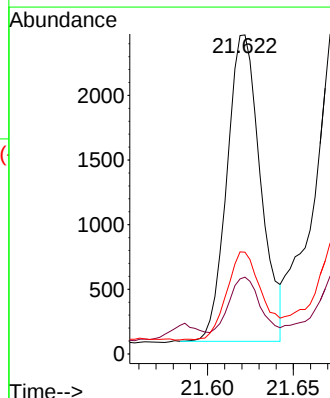
RT: 21.622 min Scan# 4158

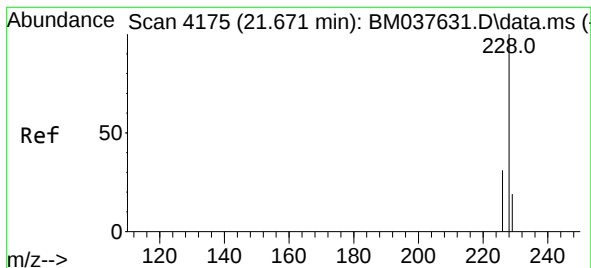
Delta R.T. -0.000 min

Lab File: BM037639.D

Acq: 22 Nov 2022 13:17

Tgt Ion:	228	Resp:	3235
Ion Ratio	Lower	Upper	
228	100		
229	24.1	15.7	23.5
226	31.9	22.2	33.2





#22

Chrysene

Concen: 0.045 ng/ul

RT: 21.674 min Scan# 4175

Delta R.T. -0.000 min

Lab File: BM037639.D

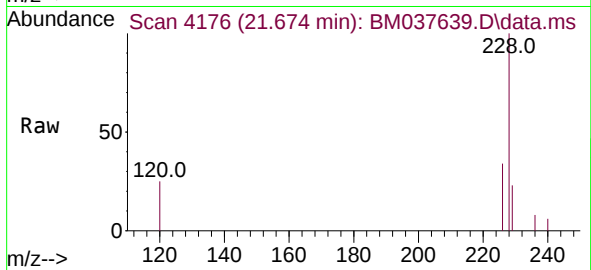
Acq: 22 Nov 2022 13:17

Instrument :

BNA_M

ClientSampleId :

C9831



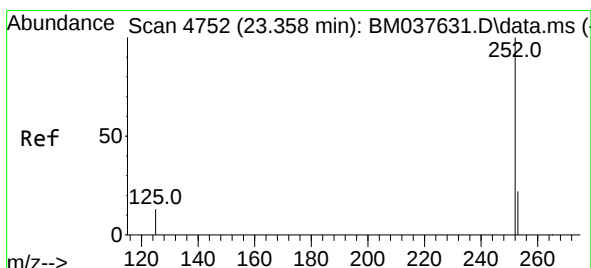
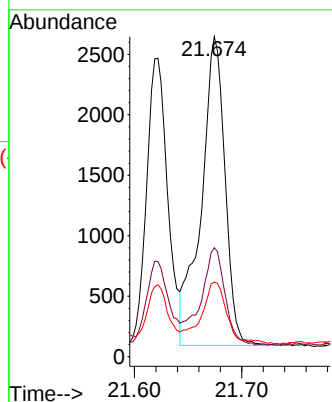
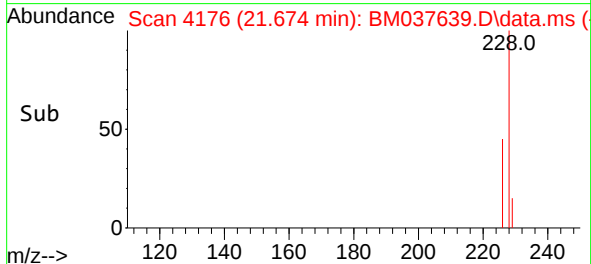
Tgt Ion:228 Resp: 3940

Ion	Ratio	Lower	Upper
228	100		
226	34.0	24.6	37.0
229	23.3	15.5	23.3

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#24

Benzo(b)fluoranthene

Concen: 0.059 ng/ul

RT: 23.361 min Scan# 4753

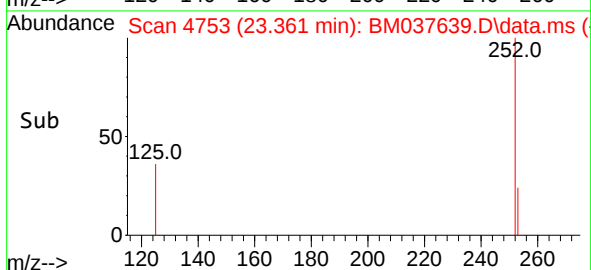
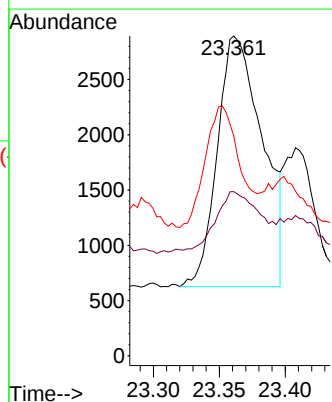
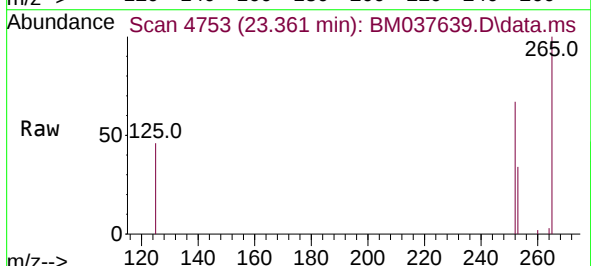
Delta R.T. -0.000 min

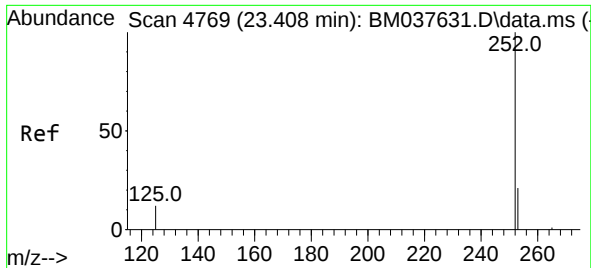
Lab File: BM037639.D

Acq: 22 Nov 2022 13:17

Tgt Ion:252 Resp: 5418

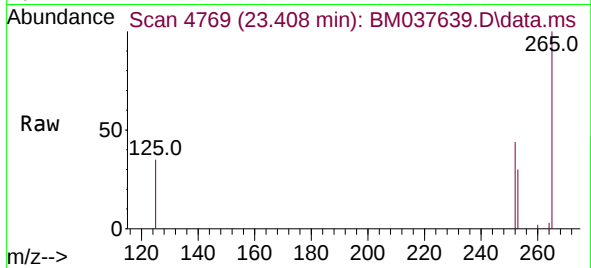
Ion	Ratio	Lower	Upper
252	100		
253	51.3	0.0	46.2#
125	68.7	0.0	23.4#





#25
Benzo(k)fluoranthene
Concen: 0.022 ng/ul m
RT: 23.408 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM037639.D
Acq: 22 Nov 2022 13:17

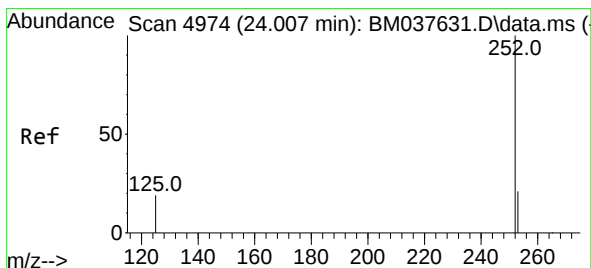
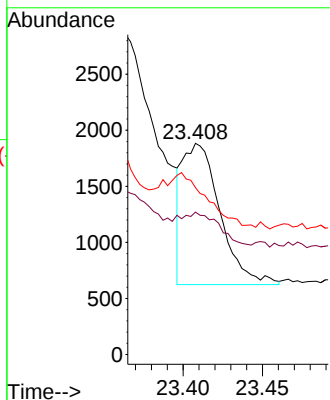
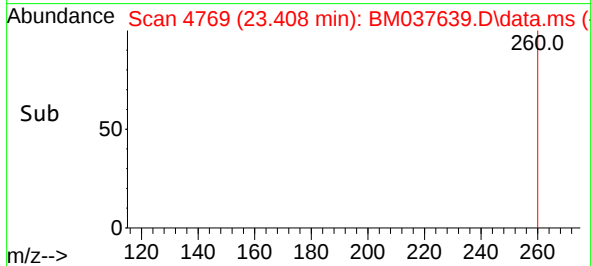
Instrument :
BNA_M
ClientSampleId :
C9831



Tgt Ion:252 Resp: 2073
Ion Ratio Lower Upper
252 100
253 67.4 18.8 28.2#
125 79.1 9.8 14.6#

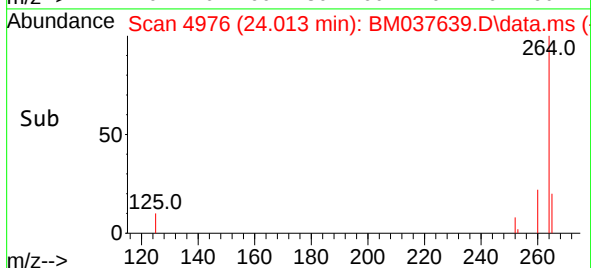
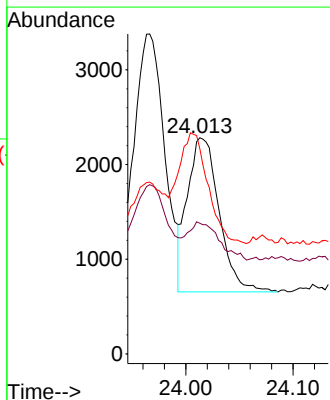
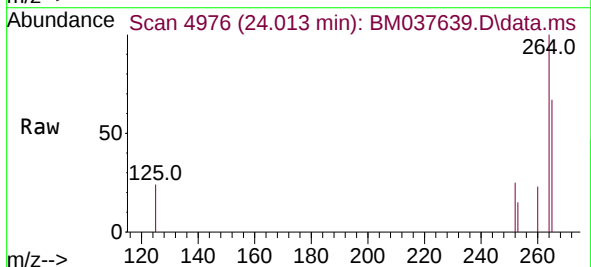
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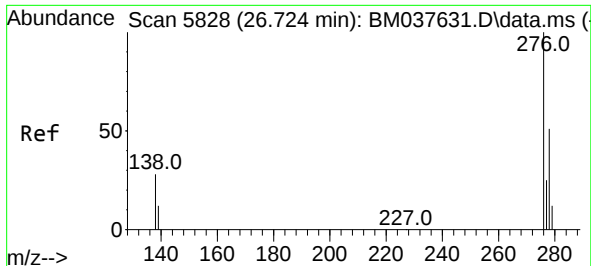
Reviewed By :Jagrut Upadhyay 11/23/2022
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#26
Benzo(a)pyrene
Concen: 0.042 ng/ul
RT: 24.013 min Scan# 4976
Delta R.T. -0.000 min
Lab File: BM037639.D
Acq: 22 Nov 2022 13:17

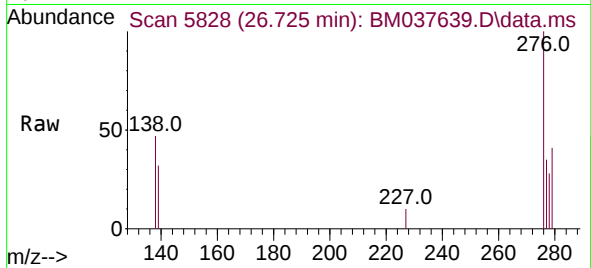
Tgt Ion:252 Resp: 3360
Ion Ratio Lower Upper
252 100
253 60.5 18.8 28.2#
125 95.1 10.5 15.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.025 ng/ul
RT: 26.725 min Scan# 5828
Delta R.T. -0.004 min
Lab File: BM037639.D
Acq: 22 Nov 2022 13:17

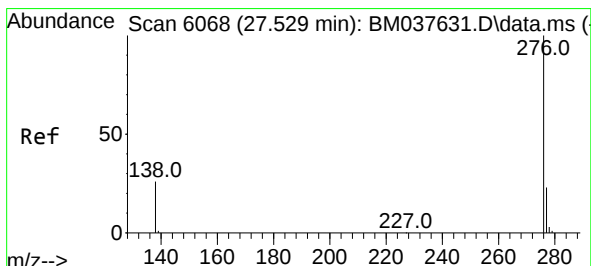
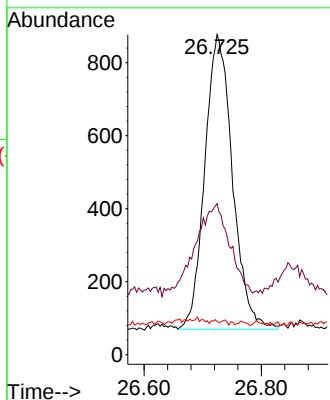
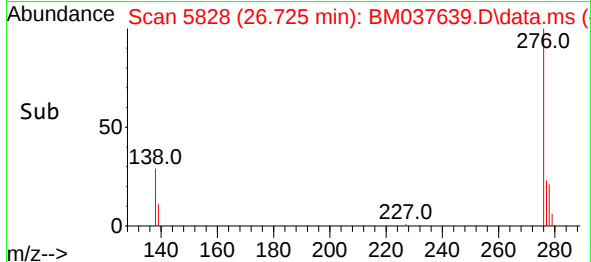
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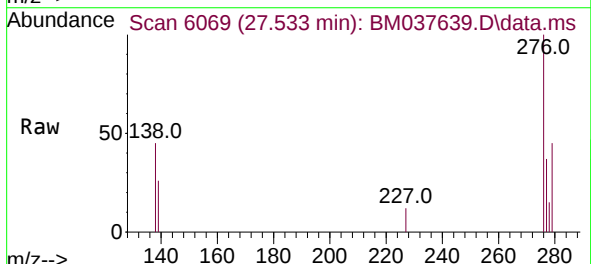
Tgt Ion: 276 Resp: 2645
Ion Ratio Lower Upper
276 100
138 40.5 21.2 31.8#
227 0.2 0.1 0.1#

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#29
Benzo(g,h,i)perylene
Concen: 0.024 ng/ul
RT: 27.533 min Scan# 6069
Delta R.T. -0.000 min
Lab File: BM037639.D
Acq: 22 Nov 2022 13:17



Tgt Ion: 276 Resp: 2156
Ion Ratio Lower Upper
276 100
138 45.2 19.0 28.4#
277 37.5 19.4 29.2#

