

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027948.D
 Acq On : 24 Nov 2020 18:20
 Operator : JU/CG
 Sample : L4749-16
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B15

Quant Time: Nov 25 00:49:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 15:00:24 2020
 Response via : Initial Calibration

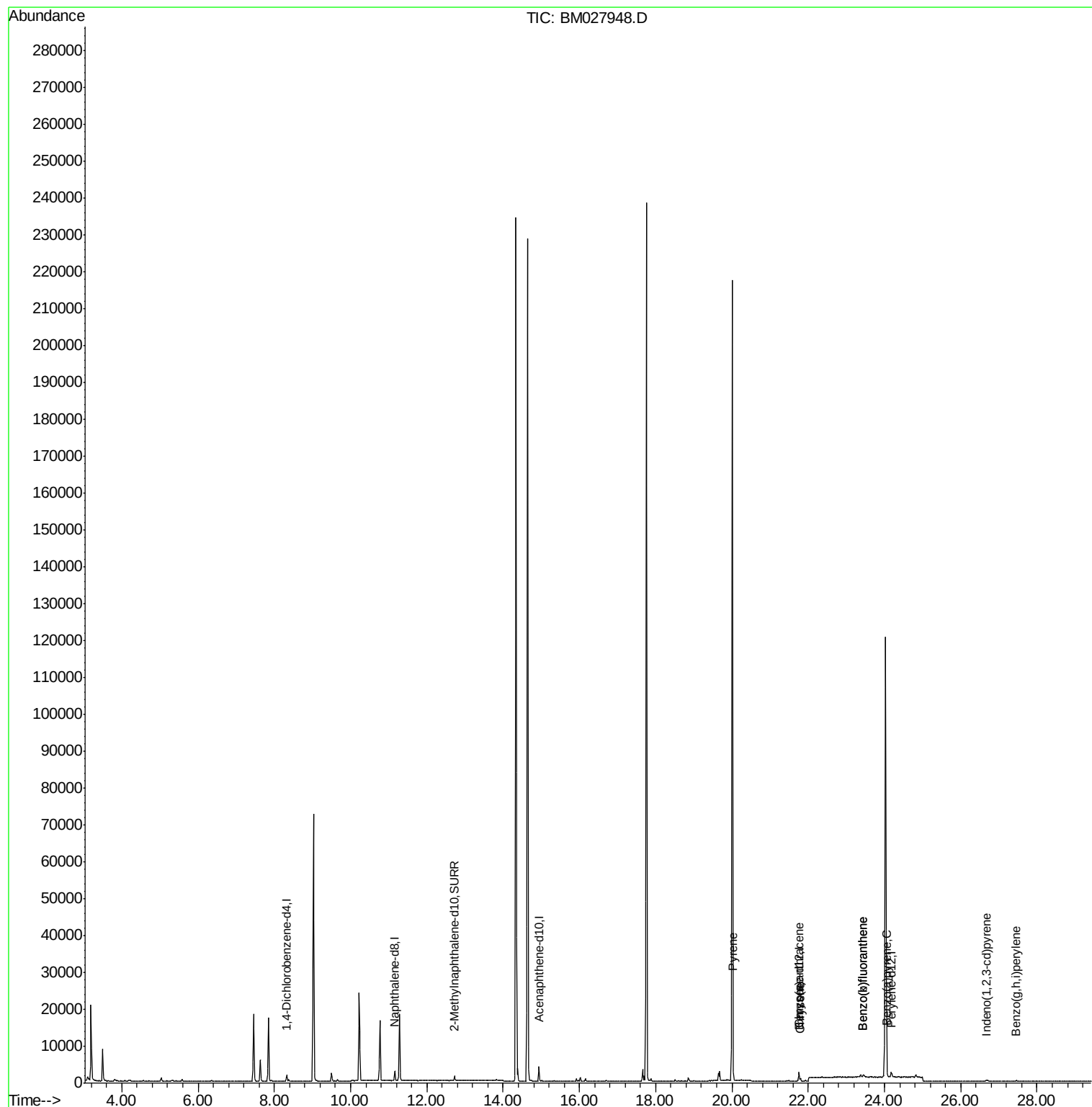
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	864	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	3515	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2081	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.66
16) Chrysene-d12	21.76	240	2030	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	1884	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1694	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	2322	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
17) Pyrene	20.03	202	2093	0.203	ng/ul#	85
18) Benzo(a)anthracene	21.75	228	733	0.089	ng/ul#	79
19) Chrysene	21.80	228	741	0.093	ng/ul#	77
21) Benzo(b)fluoranthene	23.45	252	1103	0.139	ng/ul#	14
22) Benzo(k)fluoranthene	23.45	252	1103	0.142	ng/ul#	12
23) Benzo(a)pyrene	24.08	252	553	0.080	ng/ul#	27
24) Indeno(1,2,3-cd)pyrene	26.67	276	364	0.049	ng/ul#	65
26) Benzo(g,h,i)perylene	27.45	276	326	0.052	ng/ul#	30

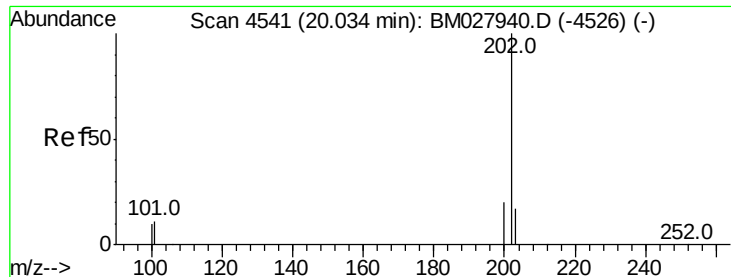
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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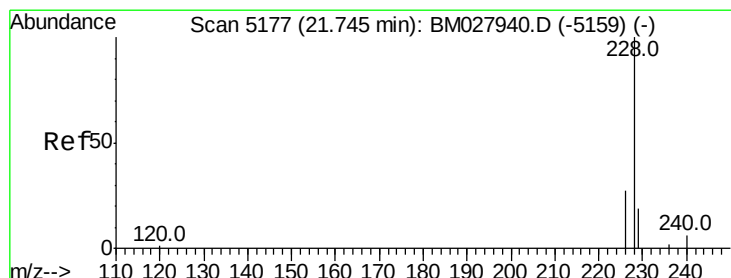
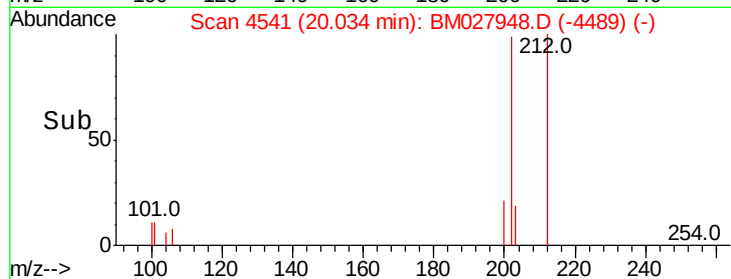
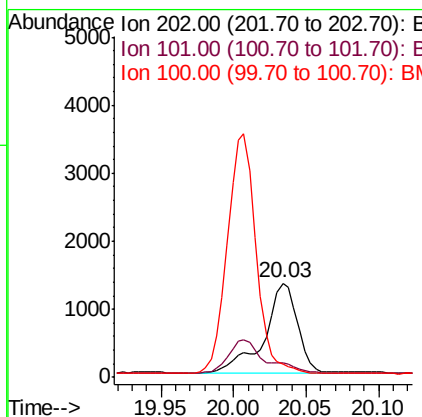
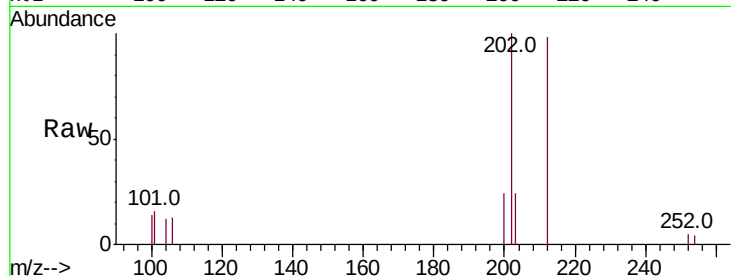




#17
Pvrene
Concen: 0.203 ng/ul
RT: 20.03 min Scan# 4541
Delta R.T. -0.00 min
Lab File: BM027948.D
Acq: 24 Nov 2020 18:20

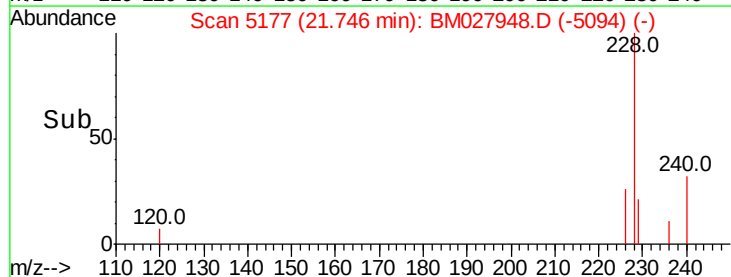
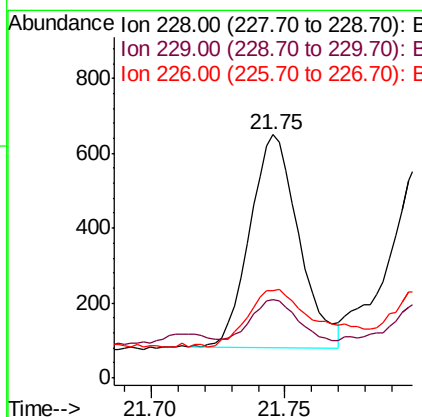
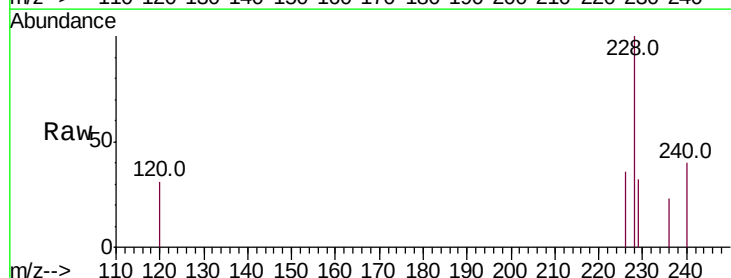
Instrument :
BNA_M
ClientSampleId :
C0B15

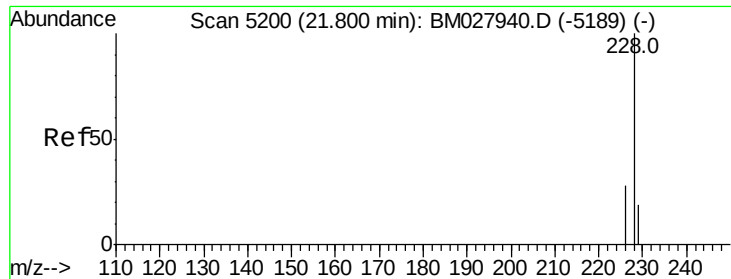
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.6	8.2	12.2#
100	14.3	6.9	10.3#



#18
Benzo(a)anthracene
Concen: 0.089 ng/ul
RT: 21.75 min Scan# 5177
Delta R.T. 0.00 min
Lab File: BM027948.D
Acq: 24 Nov 2020 18:20

Tgt Ion	Ratio	Lower	Upper
228	100		
229	32.2	16.2	24.4#
226	36.0	21.5	32.3#





#19

Chrysene

Concen: 0.093 ng/ul

RT: 21.80 min Scan# 5199

Delta R.T. -0.00 min

Lab File: BM027948.D

Acq: 24 Nov 2020 18:20

Instrument :

BNA_M

ClientSampleId :

C0B15

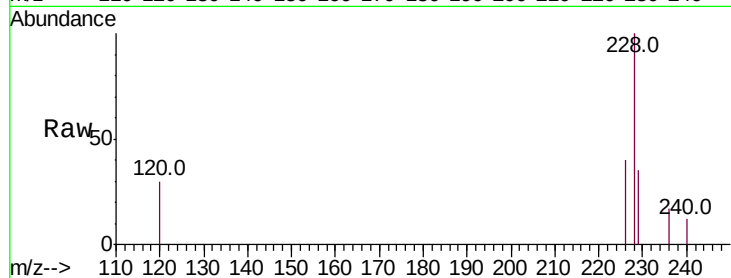
Tot Ion:228 Resp: 741

Ion Ratio Lower Upper

228 100

226 40.4 24.1 36.1#

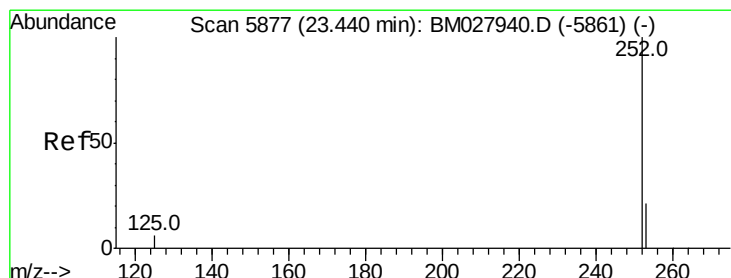
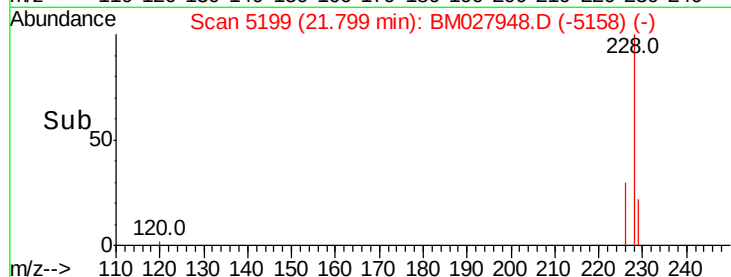
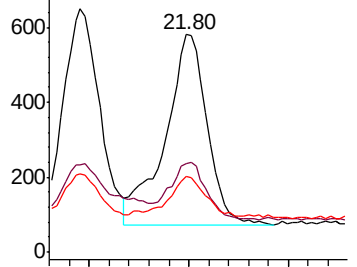
229 34.6 16.6 24.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.139 ng/ul

RT: 23.45 min Scan# 5879

Delta R.T. 0.01 min

Lab File: BM027948.D

Acq: 24 Nov 2020 18:20

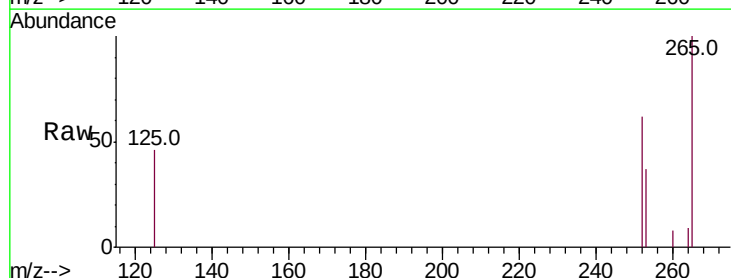
Tgt Ion:252 Resp: 1103

Ion Ratio Lower Upper

252 100

253 60.5 0.0 59.6#

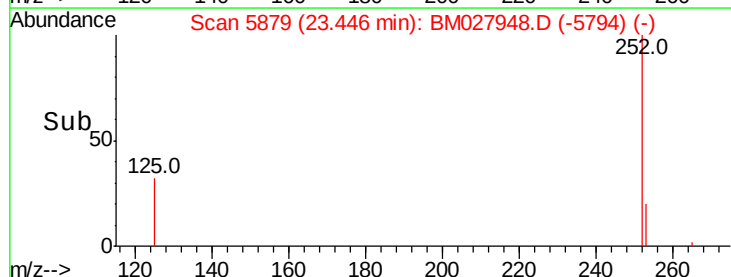
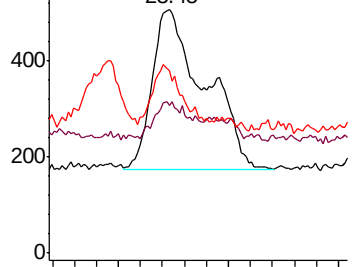
125 74.9 0.0 28.4#

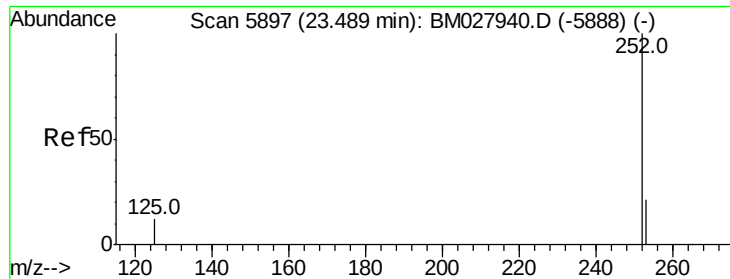


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.142 ng/ul

RT: 23.45 min Scan# 5879

Delta R.T. -0.04 min

Lab File: BM027948.D

Acq: 24 Nov 2020 18:20

Instrument :

BNA_M

ClientSampleId :

C0B15

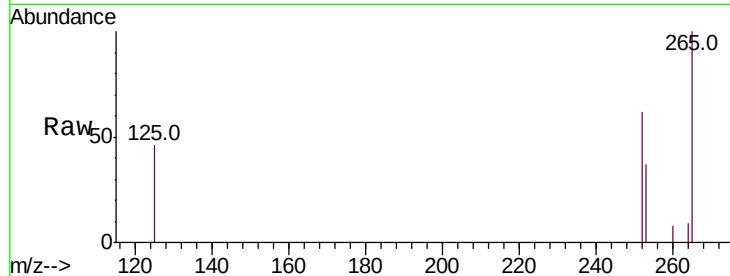
Tot Ion:252 Resp: 1103

Ion Ratio Lower Upper

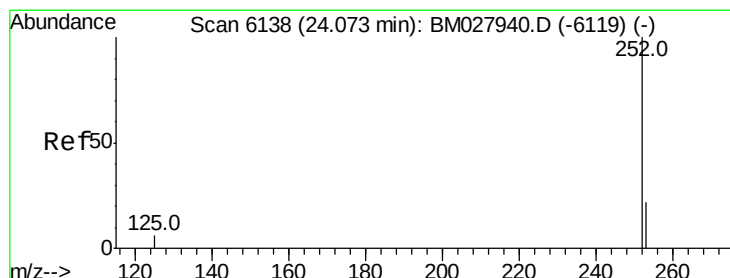
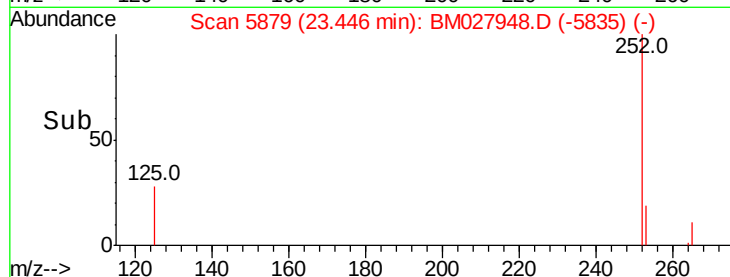
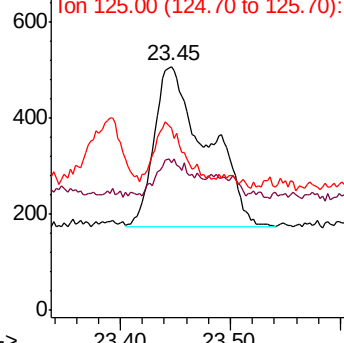
252 100

253 60.5 23.2 34.8#

125 74.9 11.8 17.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.080 ng/ul

RT: 24.08 min Scan# 6139

Delta R.T. 0.00 min

Lab File: BM027948.D

Acq: 24 Nov 2020 18:20

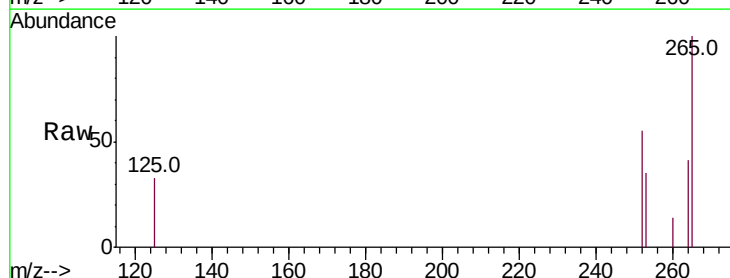
Tgt Ion:252 Resp: 553

Ion Ratio Lower Upper

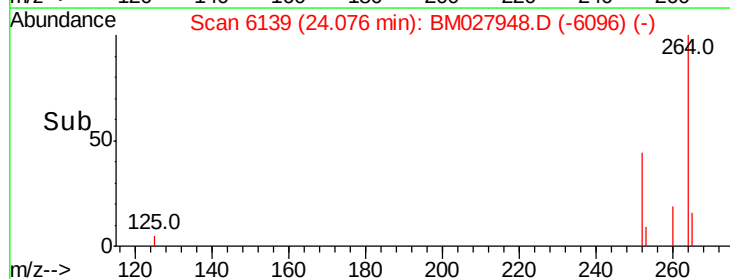
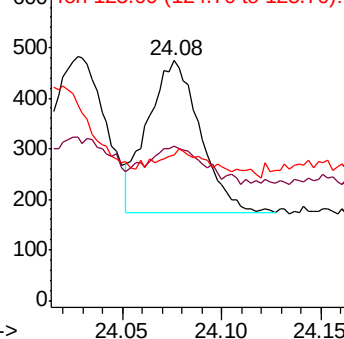
252 100

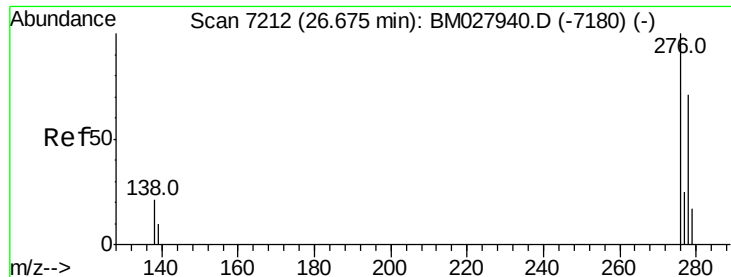
253 64.1 25.2 37.8#

125 60.5 13.8 20.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

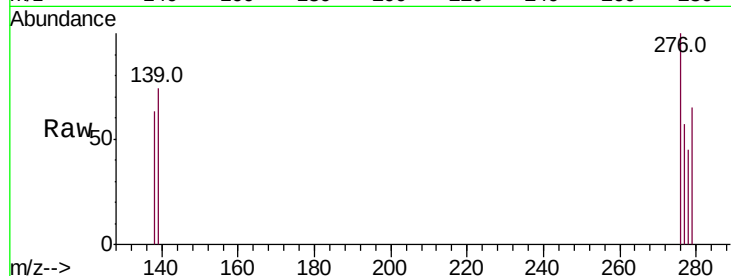




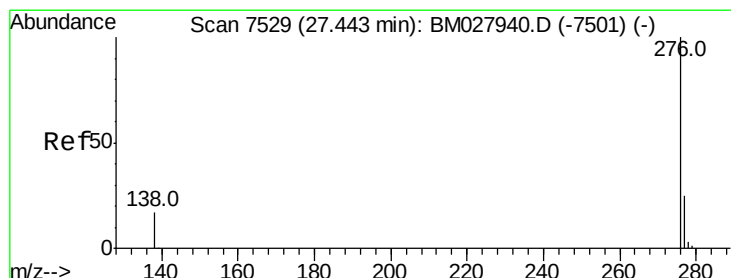
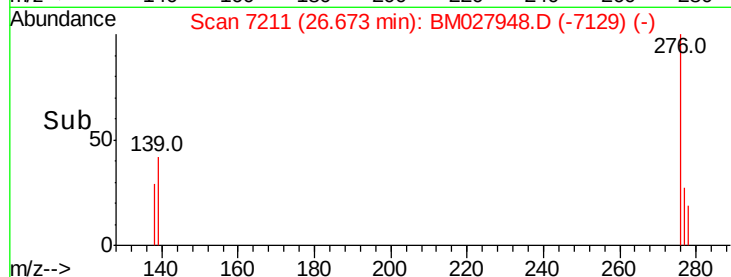
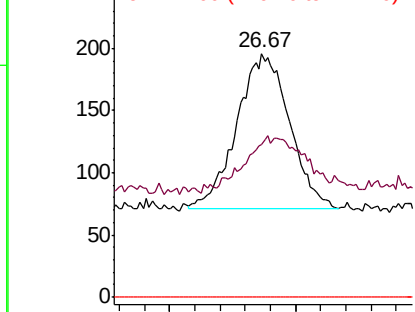
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.049 ng/ul
 RT: 26.67 min Scan# 7211
 Delta R.T. -0.00 min
 Lab File: BM027948.D
 Acq: 24 Nov 2020 18:20

Instrument :
 BNA_M
 ClientSampleId :
 C0B15

Tot Ion:276 Resp: 364
 Ion Ratio Lower Upper
 276 100
 138 35.4 15.7 23.5#
 227 0.0 0.0 0.0

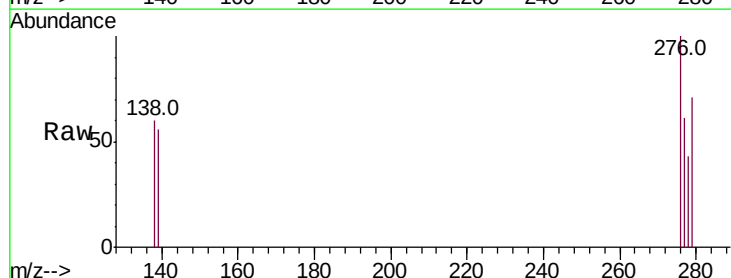


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E



#26
 Benzo(g,h,i)perylene
 Concen: 0.052 ng/ul
 RT: 27.45 min Scan# 7530
 Delta R.T. 0.00 min
 Lab File: BM027948.D
 Acq: 24 Nov 2020 18:20

Tgt Ion:276 Resp: 326
 Ion Ratio Lower Upper
 276 100
 138 60.0 17.4 26.2#
 277 60.6 22.5 33.7#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

