

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
 Data File : BM027966.D
 Acq On : 25 Nov 2020 16:35
 Operator : JU/CG
 Sample : L4751-05DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B90DL

Manual Integrations
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mohammad
 11/27/2020 11:43:40 AM

Quant Time: Nov 25 17:08:04 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 : Wed Nov 25 10:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	865	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	3550	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2130	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4261	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2601	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2509	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	165	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	306	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.21	128	566	0.053	ng/ul#	76
5) 2-Methylnaphthalene	12.79	142	261	0.036	ng/ul	100
7) Acenaphthylene	14.66	152	2445	0.235	ng/ul	97
8) Acenaphthene	15.00	153	1863	0.239	ng/ul	98
9) Fluorene	15.97	166	2377	0.263	ng/ul	98
12) Phenanthrene	17.70	178	85793	6.374	ng/ul	97
13) Anthracene	17.78	178	10155	0.782	ng/ul	99
15) Fluoranthene	19.68	202	180815	12.115	ng/ul	100
17) Pyrene	20.03	202	144177	10.915	ng/ul	99
18) Benzo(a)anthracene	21.74	228	61267	5.838	ng/ul	100
19) Chrysene	21.80	228	71720	7.016	ng/ul	98
21) Benzo(b)fluoranthene	23.44	252	78534m	7.448	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	30987m	3.001	ng/ul	
23) Benzo(a)pyrene	24.07	252	49403	5.359	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.67	276	32427	3.249	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.67	278	8508	1.024	ng/ul	95
26) Benzo(a,h,i)perylene	27.44	276	27818	3.322	ng/ul	94

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

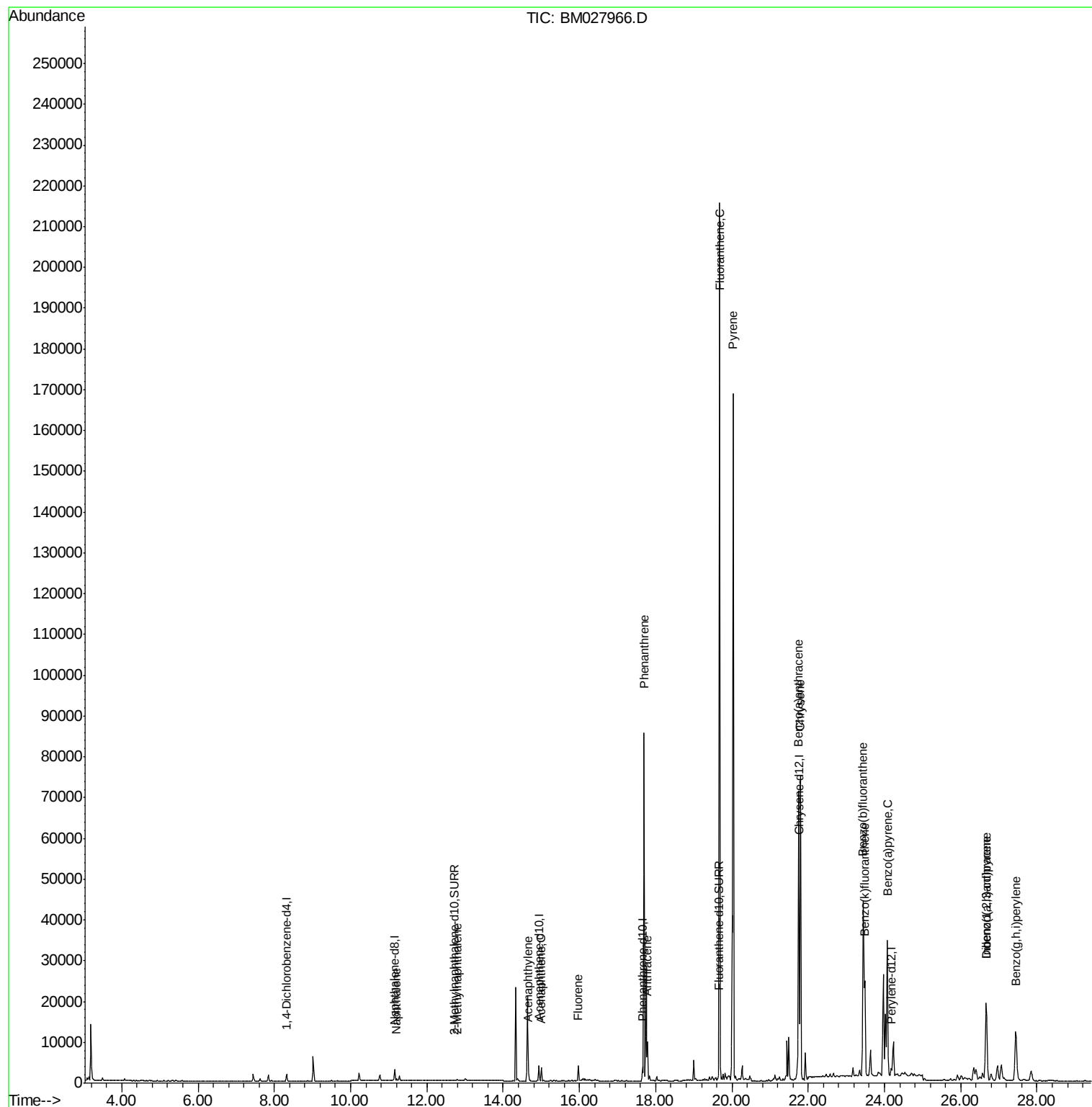
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027966.D
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ALS Vial : 13 Sample Multiplier: 1

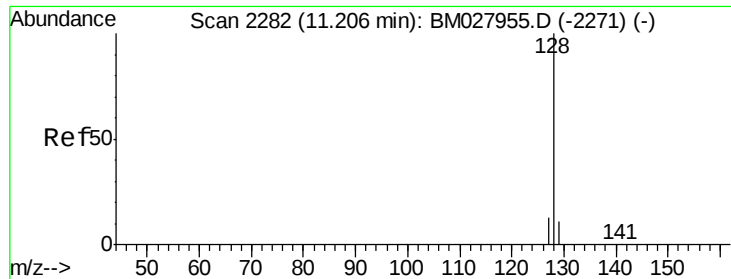
Instrument :
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Quant Time: Nov 25 17:08:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.053 ng/ul

RT: 11.21 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BM027966.D

Acq: 25 Nov 2020 16:35

Instrument :

BNA_M

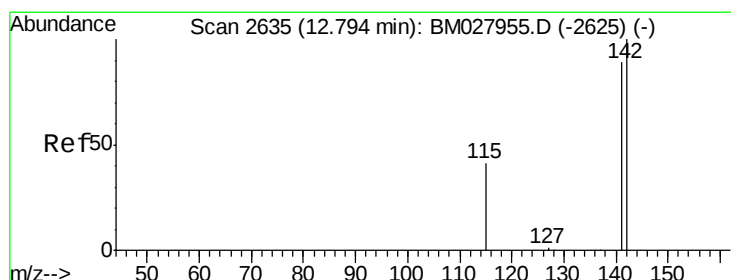
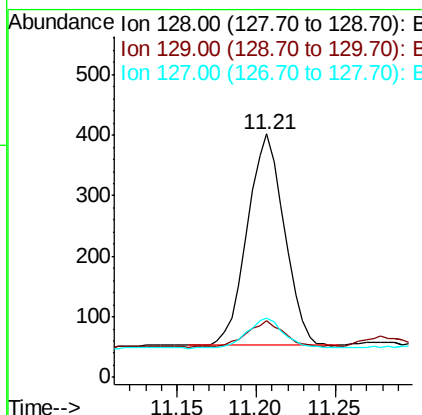
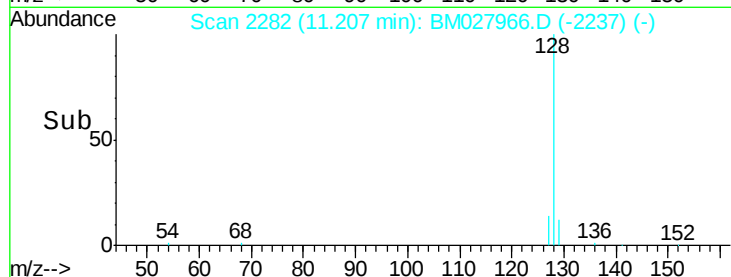
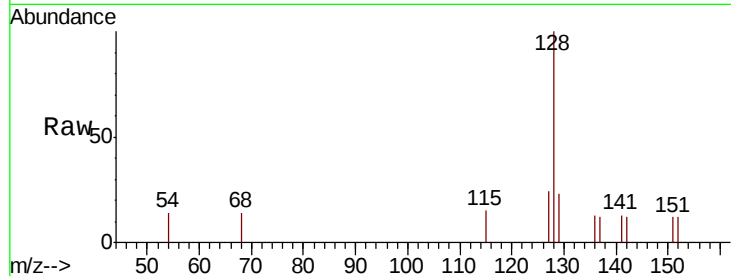
ClientSampleId :

C0B90DL

Tot Ion:	128	Resp:	566
Ion	Ratio	Lower	Upper
128	100		
129	23.1	10.4	15.6#
127	24.4	12.0	18.0#

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#5

2-Methylnaphthalene

Concen: 0.036 ng/ul

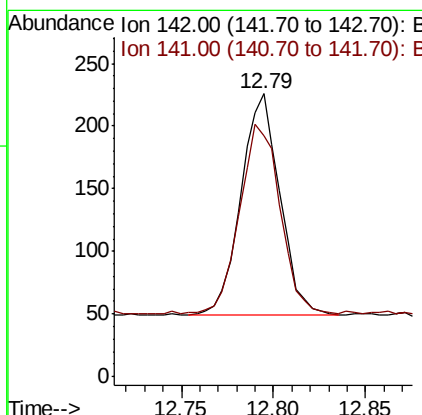
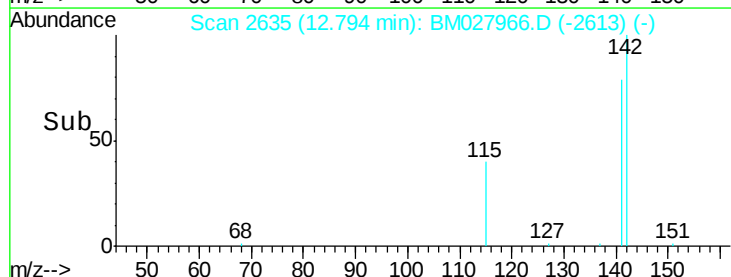
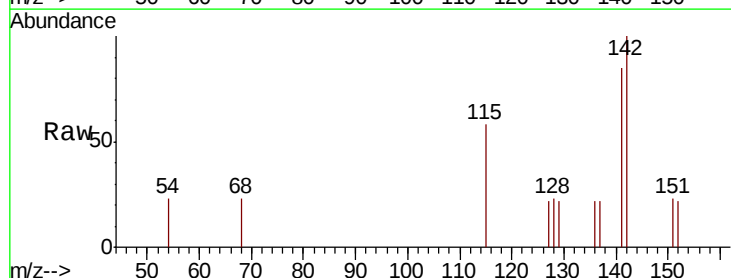
RT: 12.79 min Scan# 2635

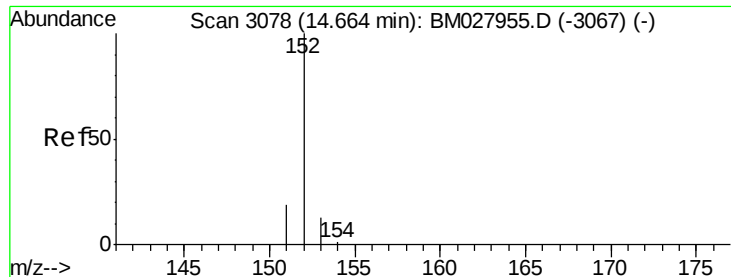
Delta R.T. 0.00 min

Lab File: BM027966.D

Acq: 25 Nov 2020 16:35

Tgt Ion:	142	Resp:	261
Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.6	107.4





#7

Acenaphthylene

Concen: 0.235 ng/ul

RT: 14.66 min Scan# 3078

Delta R.T. 0.00 min

Lab File: BM027966.D

Acq: 25 Nov 2020 16:35

Instrument :

BNA_M

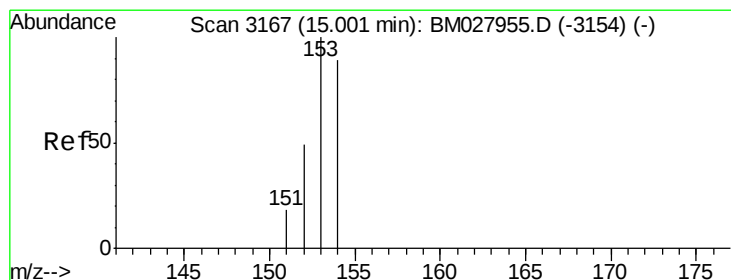
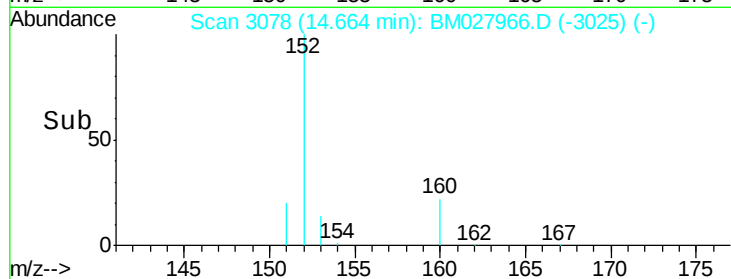
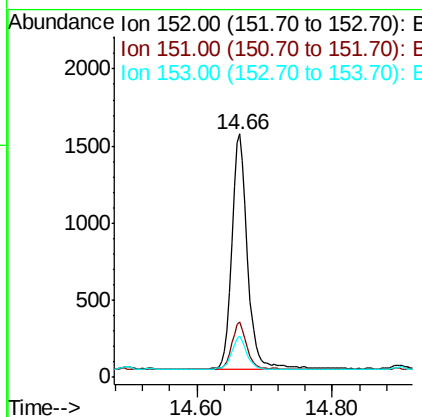
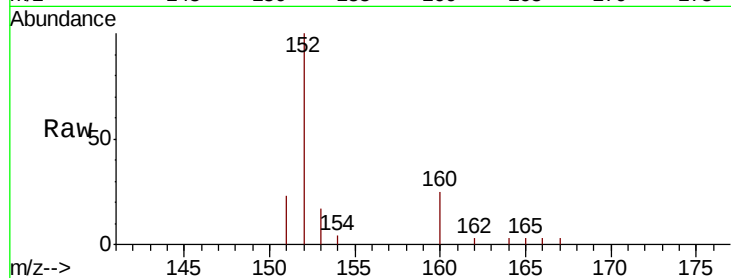
ClientSampleId :

C0B90DL

Tot Ion:	152	Resp:	2445
Ion Ratio	Lower	Upper	
152	100		
151	22.6	17.1	25.7
153	16.9	12.0	18.0

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#8

Acenaphthene

Concen: 0.239 ng/ul

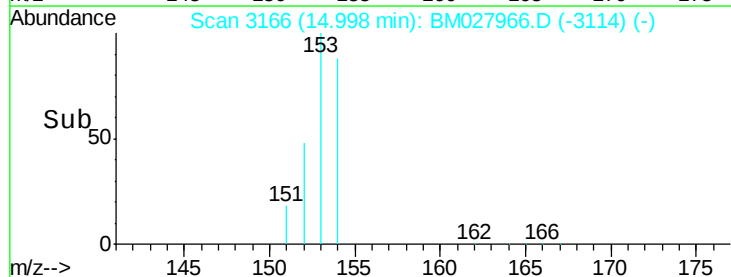
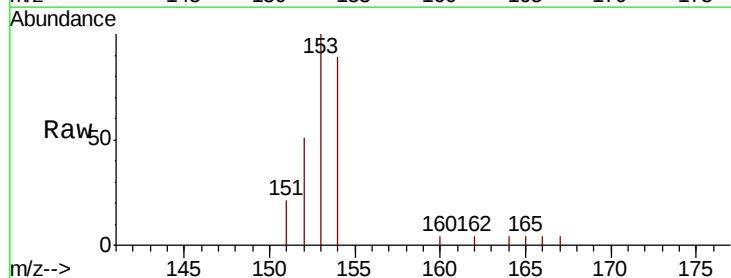
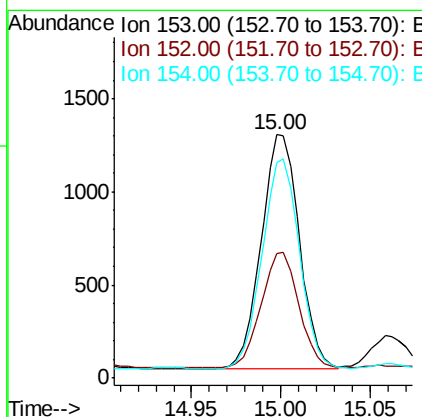
RT: 15.00 min Scan# 3166

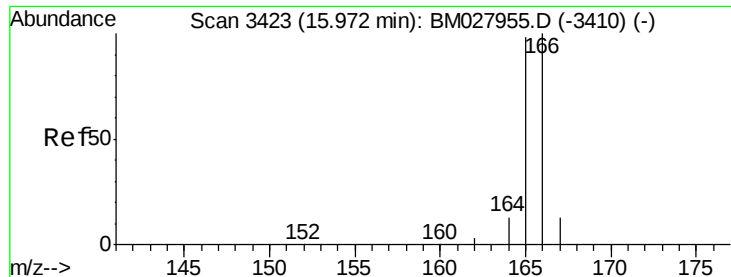
Delta R.T. -0.00 min

Lab File: BM027966.D

Acq: 25 Nov 2020 16:35

Tgt Ion:	153	Resp:	1863
Ion Ratio	Lower	Upper	
153	100		
152	51.3	39.0	58.6
154	88.7	71.6	107.4





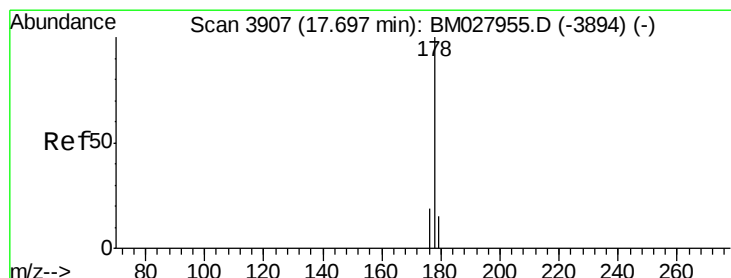
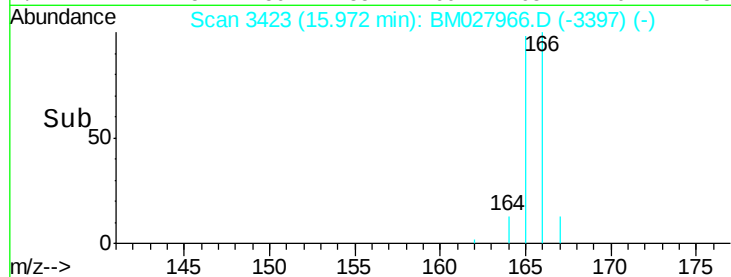
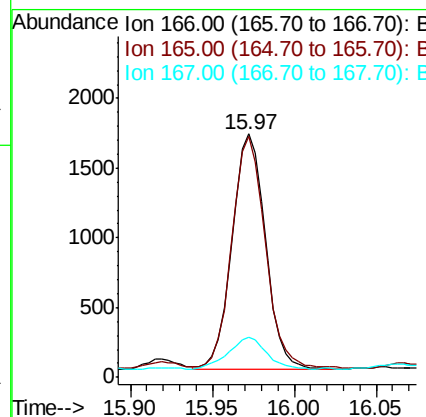
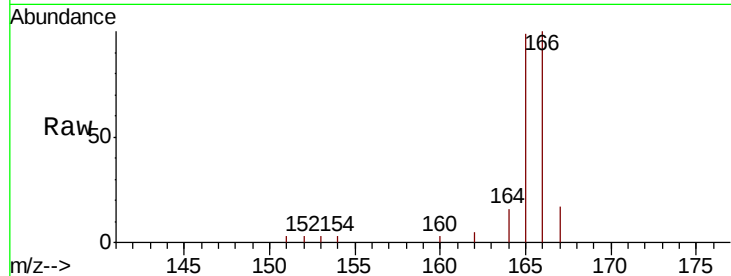
#9
Fluorene
 Concen: 0.263 ng/ul
 RT: 15.97 min Scan# 3423
 Delta R.T. 0.00 min
 Lab File: BM027966.D
 Acq: 25 Nov 2020 16:35

Instrument :
 BNA_M
 ClientSampleId :
 C0B90DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.1	117.1
167	16.7	11.8	17.8

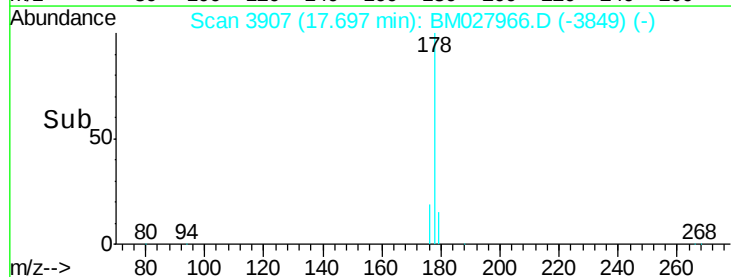
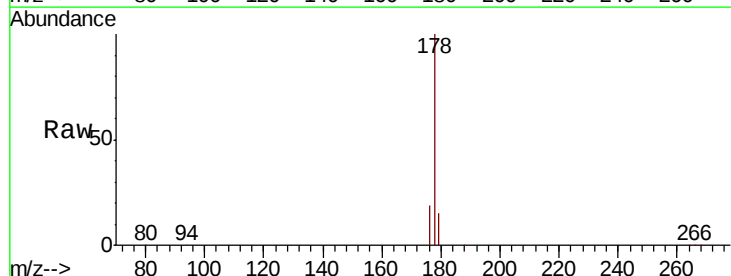
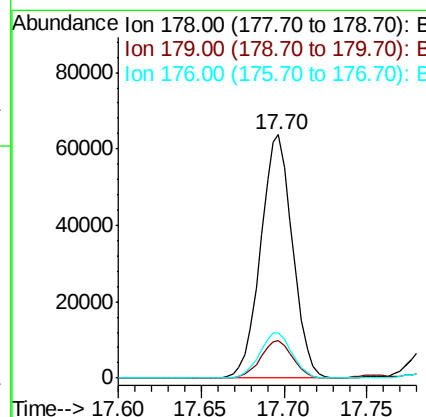
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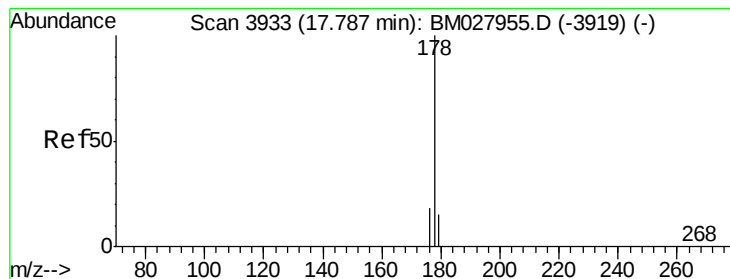
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#12
Phenanthrene
 Concen: 6.374 ng/ul
 RT: 17.70 min Scan# 3907
 Delta R.T. 0.00 min
 Lab File: BM027966.D
 Acq: 25 Nov 2020 16:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.6	20.4
176	18.6	16.1	24.1





#13

Anthracene

Concen: 0.782 ng/ul

RT: 17.78 min Scan# 3932

Delta R.T. -0.00 min

Lab File: BM027966.D

Acq: 25 Nov 2020 16:35

Instrument :

BNA_M

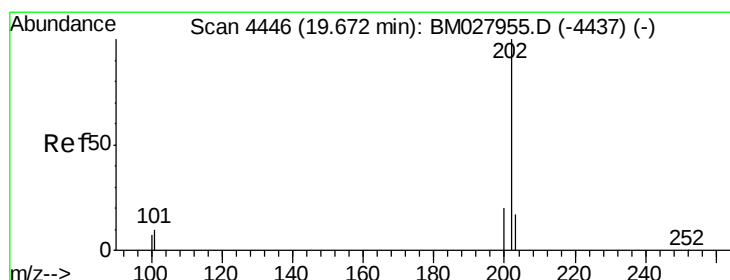
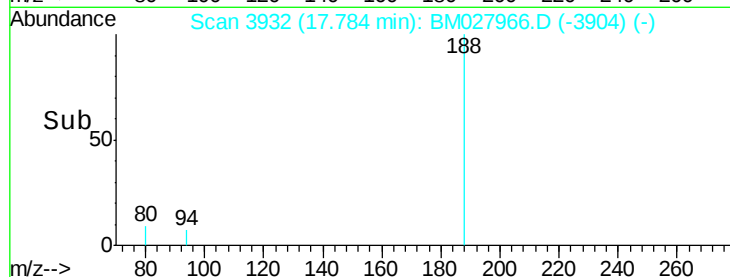
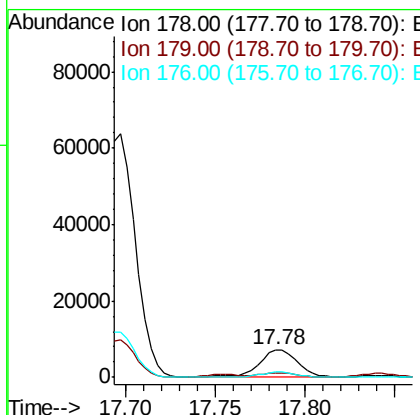
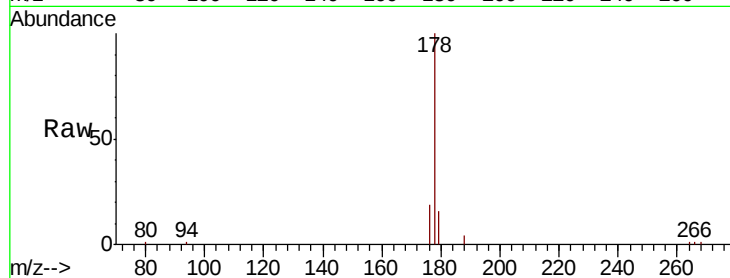
ClientSampleId :

C0B90DL

Tot Ion:	178	Resp:	10155
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.4	20.2
176	19.0	15.0	22.6

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#15

Fluoranthene

Concen: 12.115 ng/ul

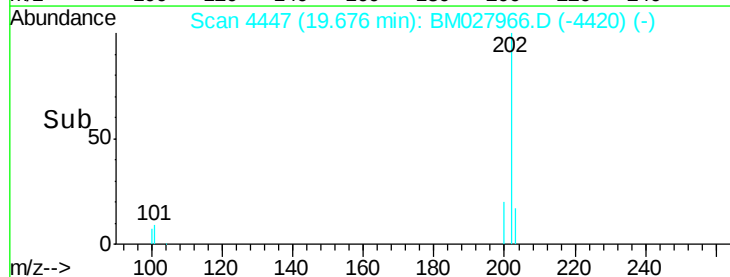
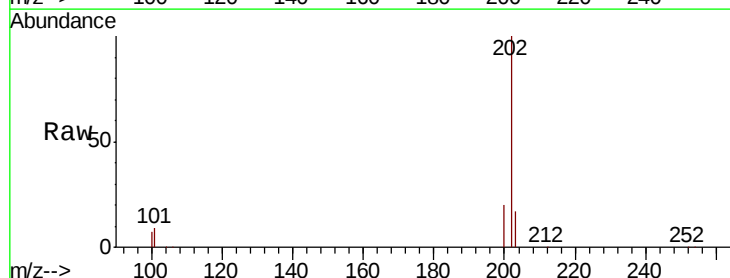
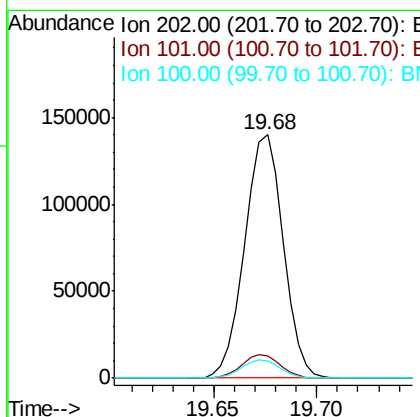
RT: 19.68 min Scan# 4447

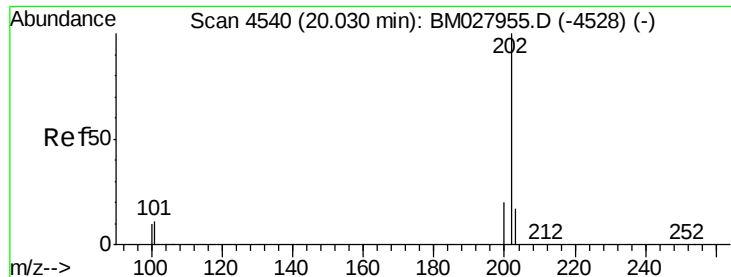
Delta R.T. 0.00 min

Lab File: BM027966.D

Acq: 25 Nov 2020 16:35

Tgt Ion:	202	Resp:	180815
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	29.3
100	7.3	0.0	27.4





#17

Pvrene

Concen: 10.915 ng/ul

RT: 20.03 min Scan# 4541

Delta R.T. 0.00 min

Lab File: BM027966.D

Acq: 25 Nov 2020 16:35

Instrument :

BNA_M

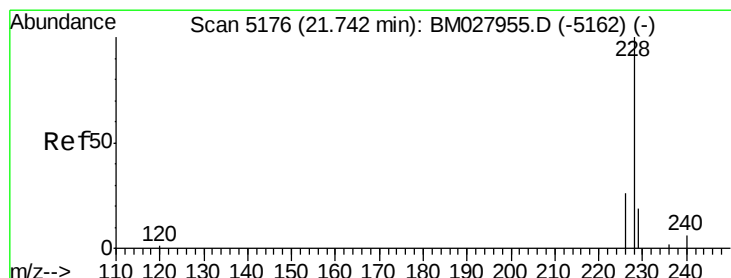
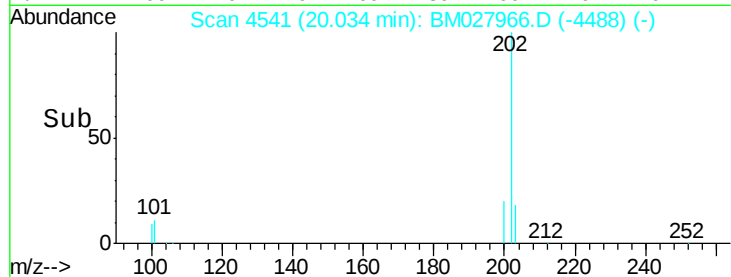
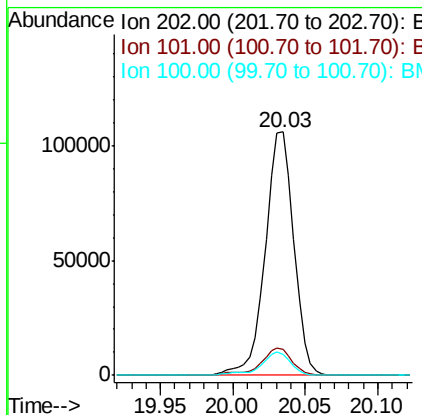
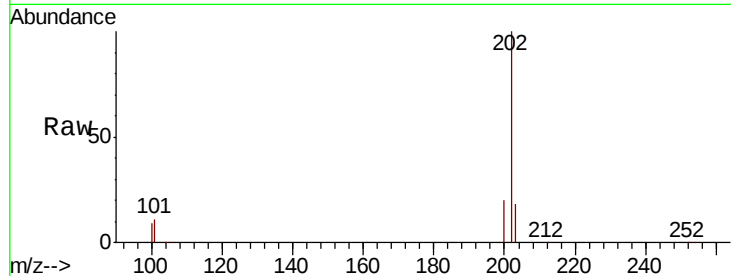
ClientSampleId :

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Tot Ion:	202	Resp:	144177
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.2	12.2
100	8.8	6.9	10.3

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#18

Benzo(a)anthracene

Concen: 5.838 ng/ul

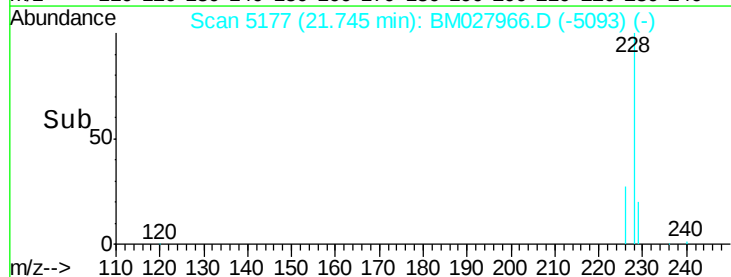
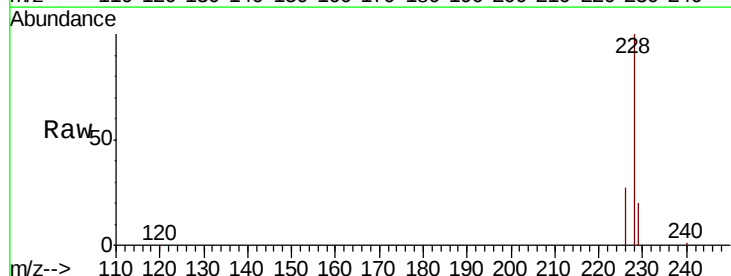
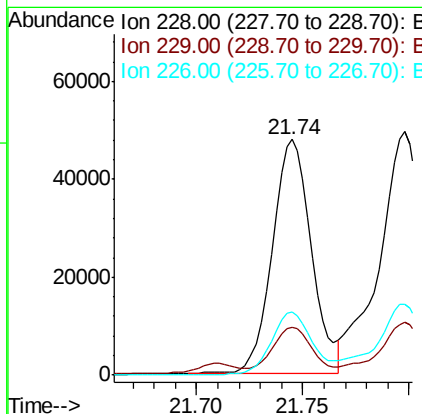
RT: 21.74 min Scan# 5177

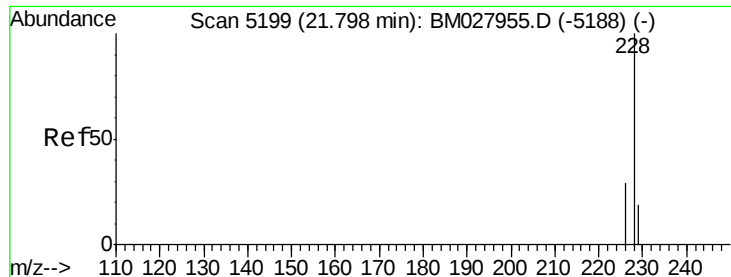
Delta R.T. 0.00 min

Lab File: BM027966.D

Acq: 25 Nov 2020 16:35

Tgt Ion:	228	Resp:	61267
Ion Ratio	Lower	Upper	
228	100		
229	20.5	16.2	24.4
226	26.9	21.5	32.3





#19

Chrysene

Concen: 7.016 ng/ul

RT: 21.80 min Scan# 5199

Delta R.T. 0.00 min

Lab File: BM027966.D

Acq: 25 Nov 2020 16:35

Instrument :

BNA_M

ClientSampleId :

C0B90DL

Tot Ion:228 Resp: 71720

Ion Ratio Lower Upper

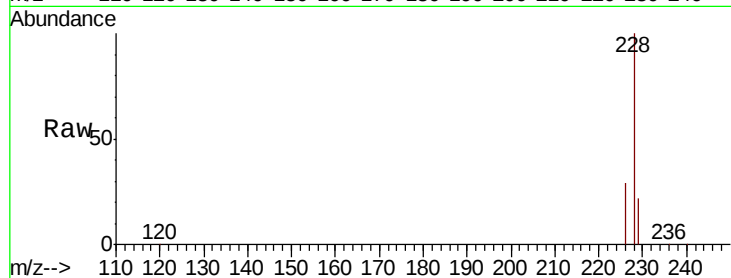
228 100

226 29.3 24.1 36.1

229 21.5 16.6 24.8

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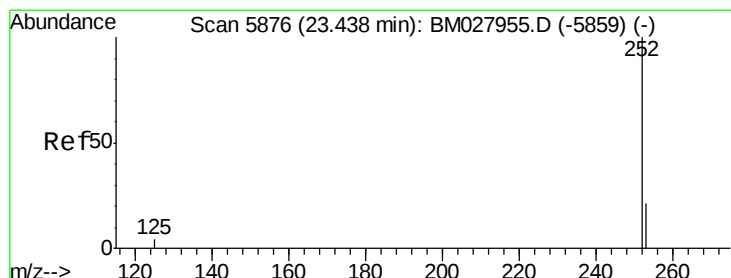
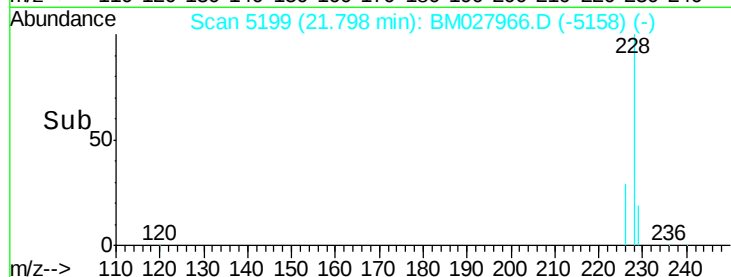
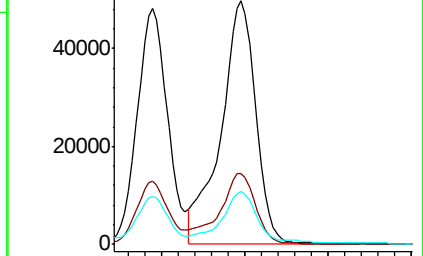
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 7.448 ng/ul m

RT: 23.44 min Scan# 5878

Delta R.T. 0.00 min

Lab File: BM027966.D

Acq: 25 Nov 2020 16:35

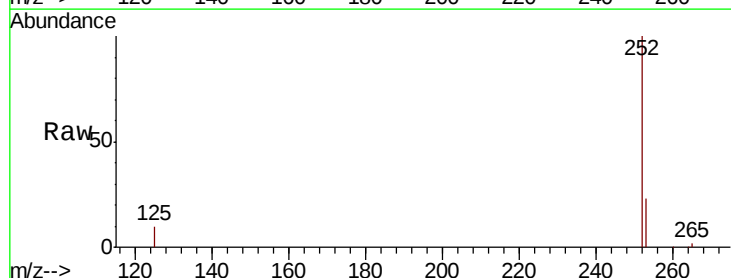
Tgt Ion:252 Resp: 78534

Ion Ratio Lower Upper

252 100

253 23.2 0.0 59.6

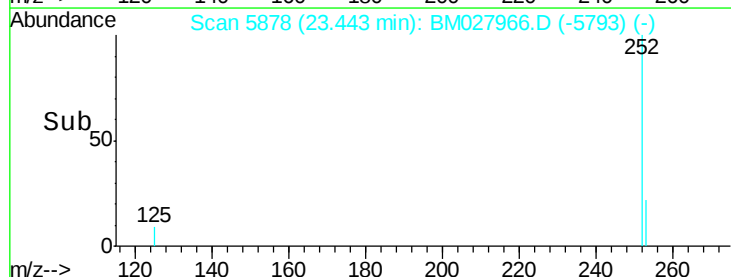
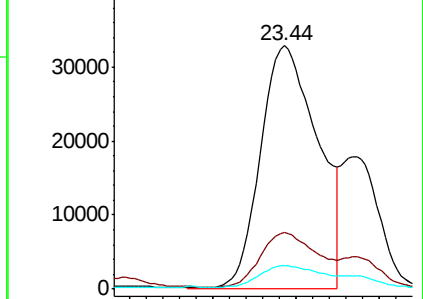
125 9.7 0.0 28.4

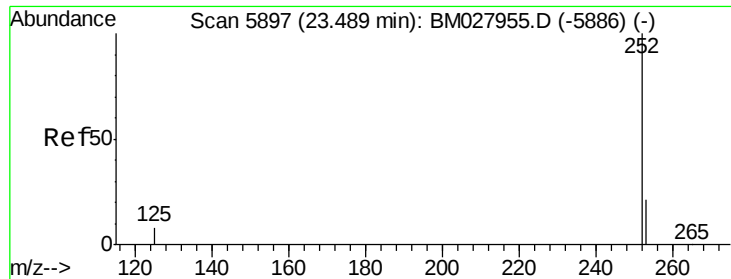


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





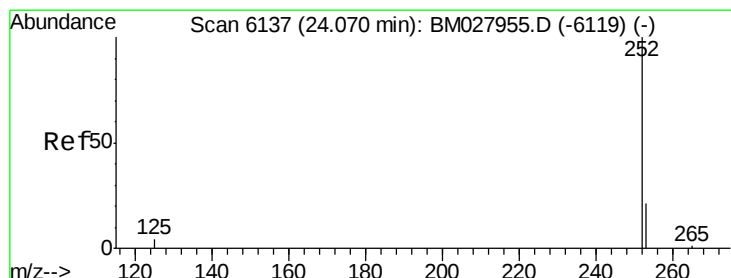
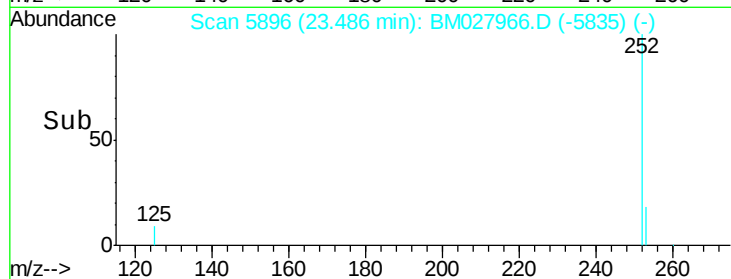
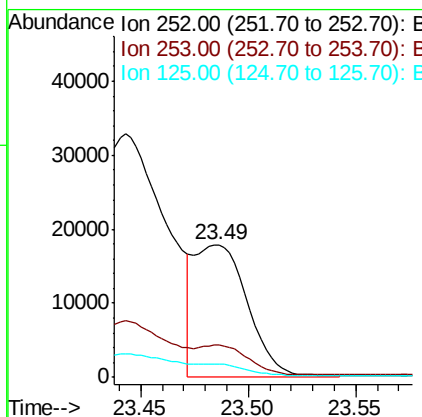
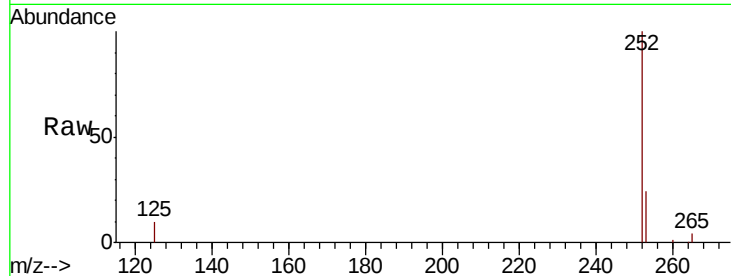
#22
Benzo(k)fluoranthene
Concen: 3.001 ng/ul m
RT: 23.49 min Scan# 5896
Delta R.T. -0.00 min
Lab File: BM027966.D
Acq: 25 Nov 2020 16:35

Instrument :
BNA_M
ClientSampleId :
C0B90DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	23.2	34.8
125	9.9	11.8	17.6

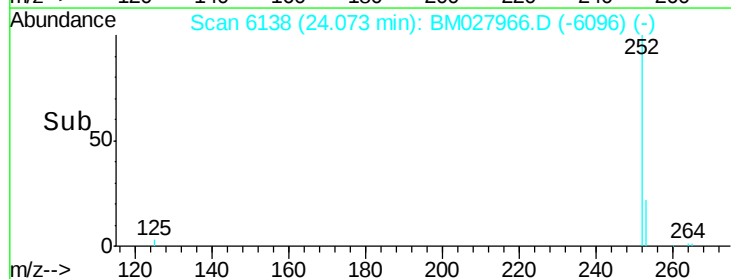
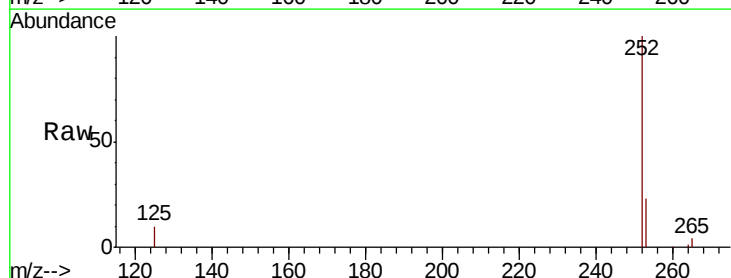
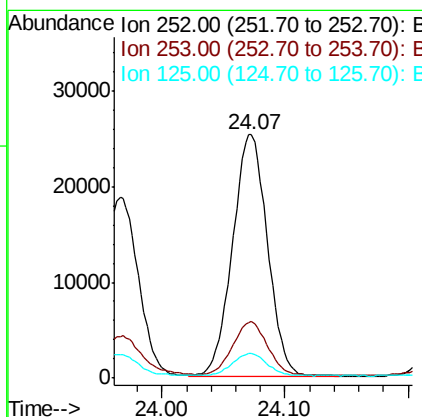
Manual Integrations
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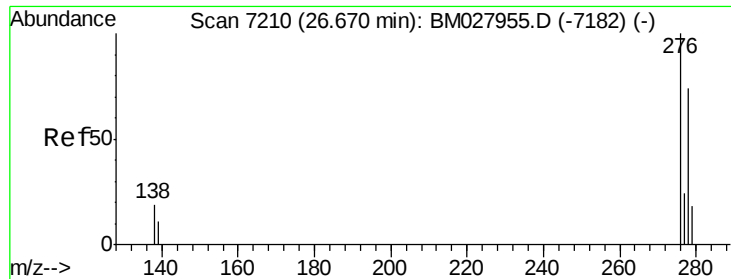
mohammad
11/27/2020 11:43:40 AM



#23
Benzo(a)pyrene
Concen: 5.359 ng/ul
RT: 24.07 min Scan# 6138
Delta R.T. 0.00 min
Lab File: BM027966.D
Acq: 25 Nov 2020 16:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	25.2	37.8
125	10.0	13.8	20.6





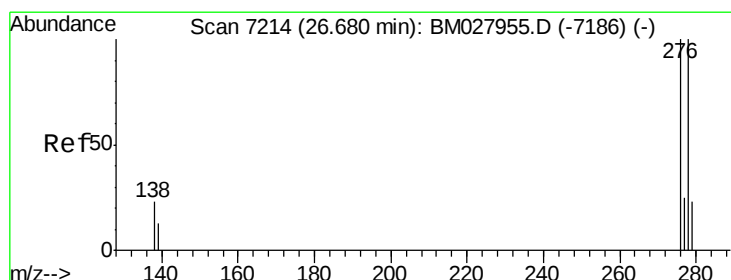
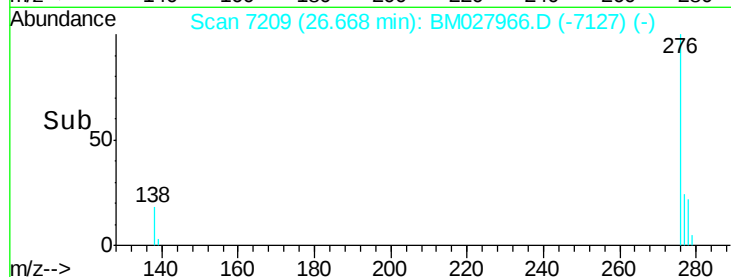
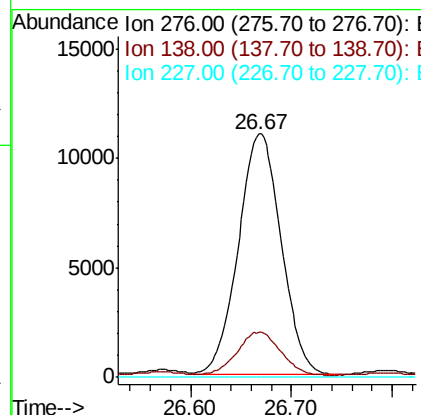
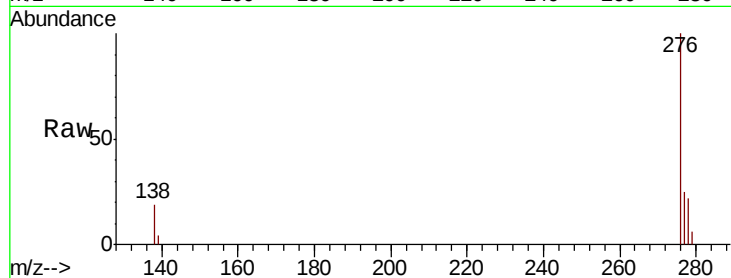
#24
Indeno(1,2,3-cd)pyrene
Concen: 3.249 ng/uL
RT: 26.67 min Scan# 7209
Delta R.T. -0.00 min
Lab File: BM027966.D
Acq: 25 Nov 2020 16:35

Instrument :
BNA_M
ClientSampleID :
C0B90DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.7	23.5
227	0.0	0.0	0.0

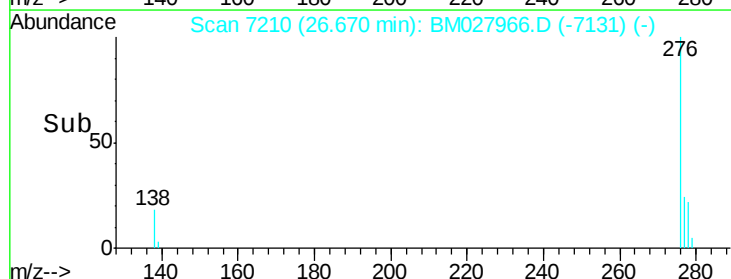
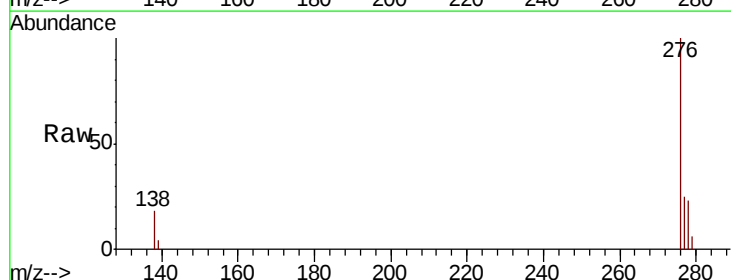
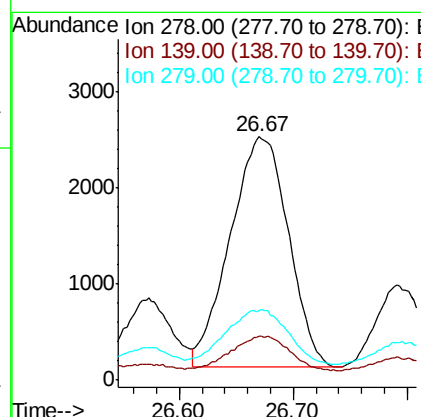
Manual Integrations
APPROVED

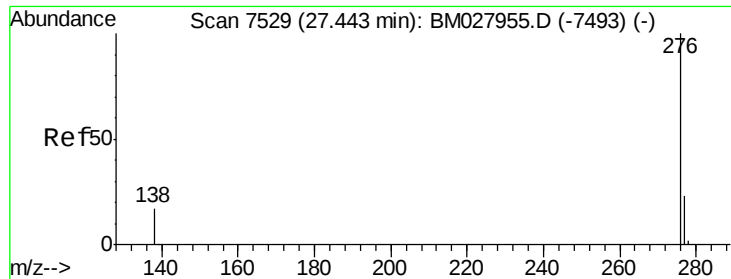
mohammad
11/27/2020 11:43:40 AM



#25
Dibenzo(a,h)anthracene
Concen: 1.024 ng/uL
RT: 26.67 min Scan# 7210
Delta R.T. -0.01 min
Lab File: BM027966.D
Acq: 25 Nov 2020 16:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	14.8	22.2
279	28.3	25.8	38.6





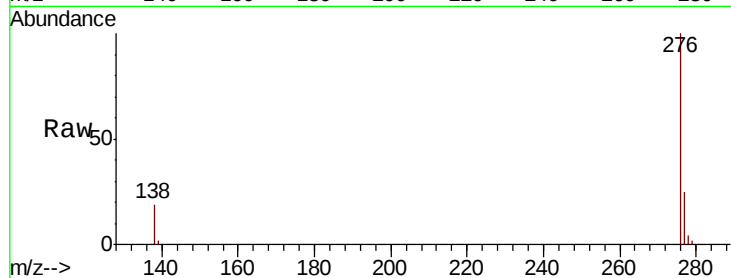
#26
Benzo(a,h,i)perylene
Concen: 3.322 ng/ul
RT: 27.44 min Scan# 7529
Delta R.T. 0.00 min
Lab File: BM027966.D
Acq: 25 Nov 2020 16:35

Instrument :
BNA_M
ClientSampleId :
C0B90DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.6	17.4	26.2
277	25.0	22.5	33.7

Manual Integrations
APPROVED

mohammad
11/27/2020 11:43:40 AM



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

