

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
 Data File : BM027825.D
 Acq On : 17 Nov 2020 19:39
 Operator : JU/CG
 Sample : L4762-13DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9DL

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Quant Time: Nov 18 01:09:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 09:19:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1519	0.40	ng/ul	0.00
2) Naphthalene-d8	11.22	136	5830	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.99	164	3317	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	5166	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	3211	0.40	ng/ul	0.00
20) Perylene-d12	24.24	264	2972	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.78	152	637	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	796	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.26	128	11269	0.605	ng/ul	97
5) 2-Methylnaphthalene	12.85	142	27244	2.102	ng/ul	98
7) Acenaphthylene	14.71	152	5219	0.320	ng/ul#	56
8) Acenaphthene	15.05	153	5112	0.409	ng/ul#	75
9) Fluorene	16.02	166	5625	0.374	ng/ul#	75
11) Pentachlorophenol	17.35	266	107	0.057	ng/ul	90
12) Phenanthrene	17.74	178	74400	4.424	ng/ul	98
13) Anthracene	17.83	178	11641	0.711	ng/ul#	84
15) Fluoranthene	19.72	202	104063	5.406	ng/ul	97
17) Pyrene	20.08	202	155506	10.920	ng/ul#	94
18) Benzo(a)anthracene	21.79	228	57509	4.482	ng/ul#	90
19) Chrysene	21.84	228	66108	5.057	ng/ul#	92
21) Benzo(b)fluoranthene	23.50	252	75294m	5.536	ng/ul	
22) Benzo(k)fluoranthene	23.55	252	29566m	2.215	ng/ul	
23) Benzo(a)pyrene	24.14	252	54530	4.559	ng/ul#	96
24) Indeno(1,2,3-cd)pyrene	26.77	276	34095	2.502	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.77	278	9084	0.798	ng/ul#	63
26) Benzo(a,h,i)perylene	27.55	276	31447	2.728	ng/ul#	97

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

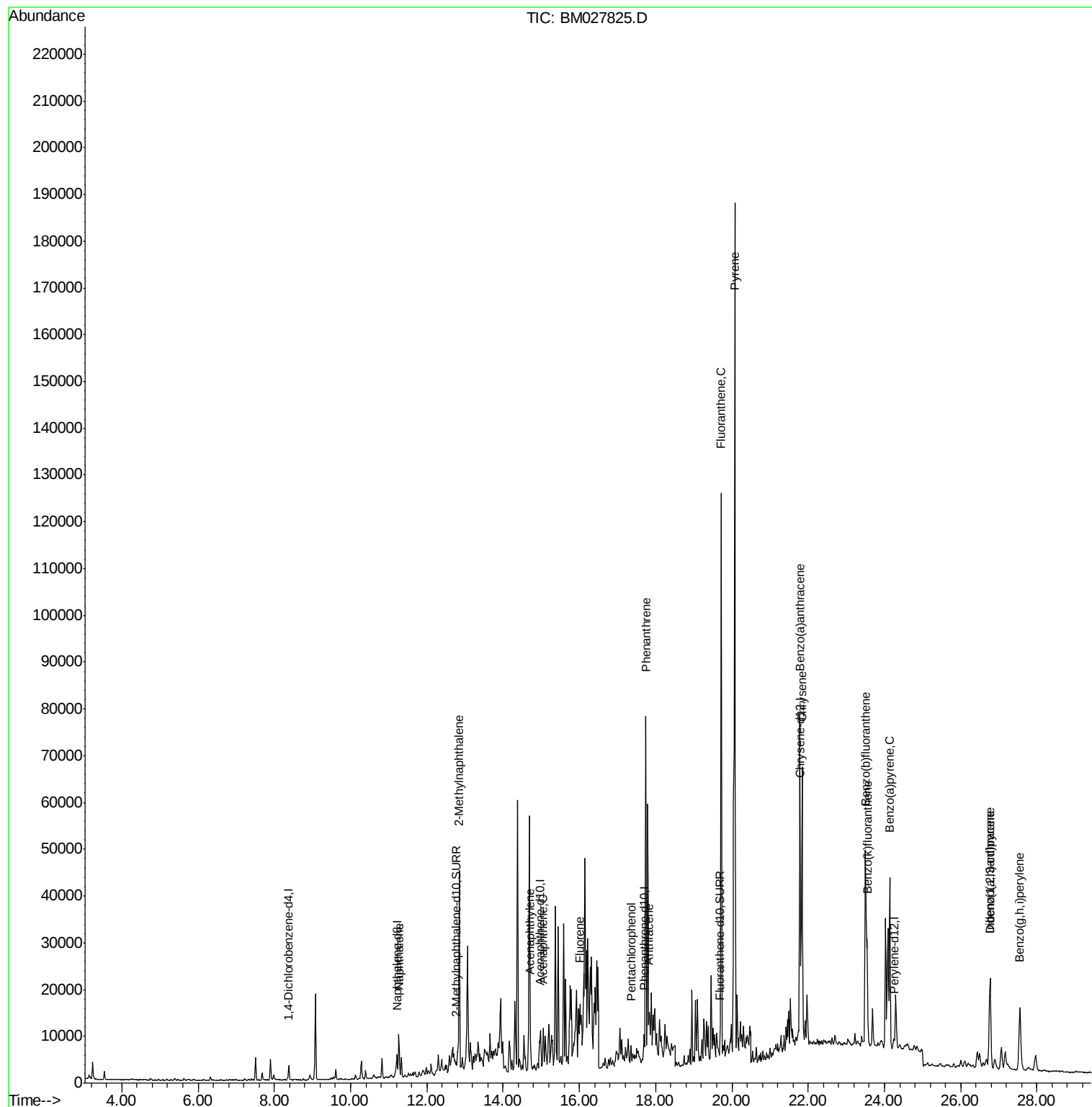
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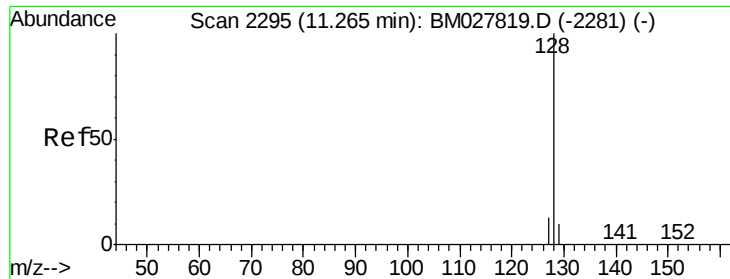
Instrument :
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Quant Time: Nov 18 01:09:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.605 ng/ul

RT: 11.26 min Scan# 2295

Delta R.T. 0.00 min

Lab File: BM027825.D

Acq: 17 Nov 2020 19:39

Instrument :

BNA_M

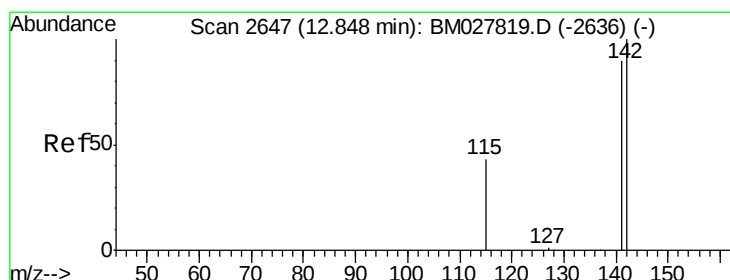
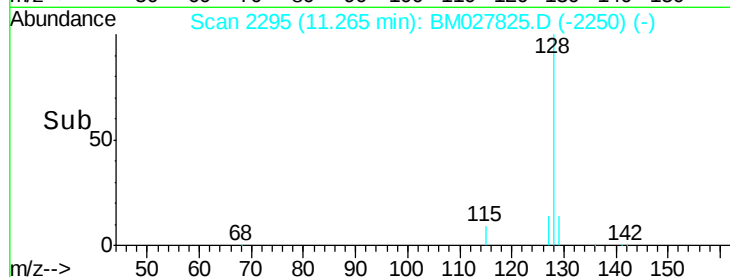
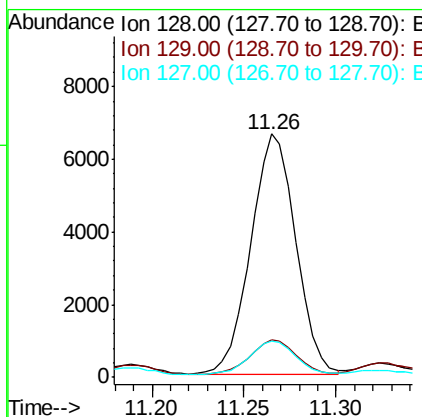
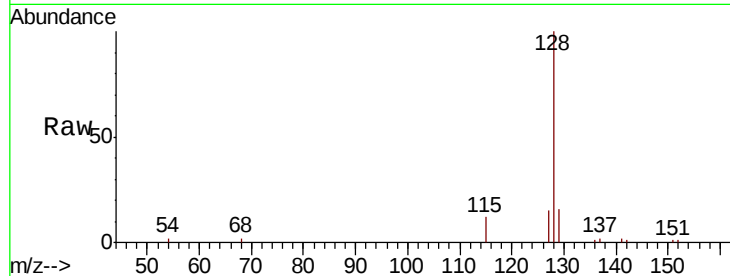
ClientSampleId :

C0AC9DL

Tot Ion:	128	Resp:	11269
Ion	Ratio	Lower	Upper
128	100		
129	15.6	11.0	16.4
127	14.9	12.4	18.6

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#5

2-Methylnaphthalene

Concen: 2.102 ng/ul

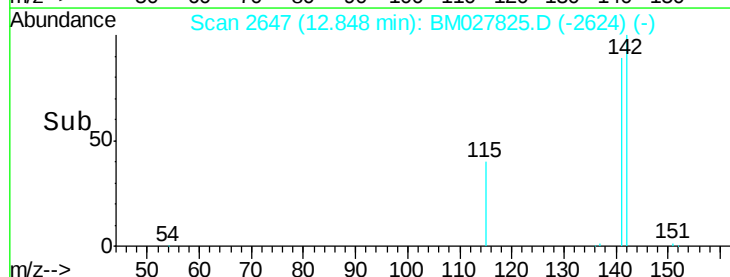
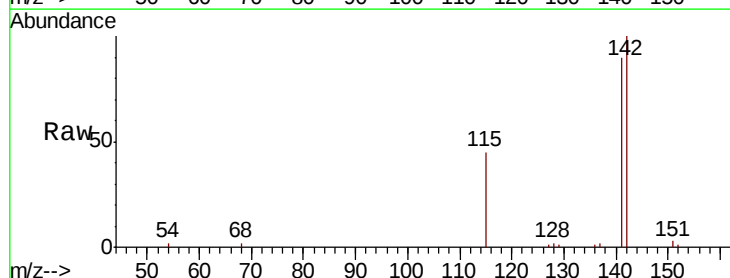
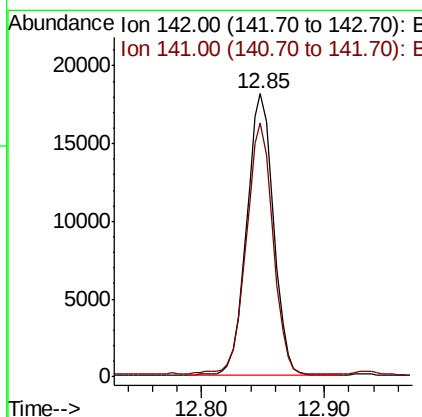
RT: 12.85 min Scan# 2647

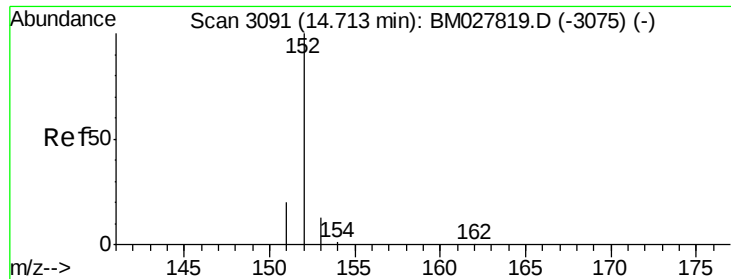
Delta R.T. 0.00 min

Lab File: BM027825.D

Acq: 17 Nov 2020 19:39

Tgt Ion:	142	Resp:	27244
Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.0	105.0





#7

Acenaphthylene

Concen: 0.320 ng/ul

RT: 14.71 min Scan# 3091

Delta R.T. 0.00 min

Lab File: BM027825.D

Acq: 17 Nov 2020 19:39

Instrument :

BNA_M

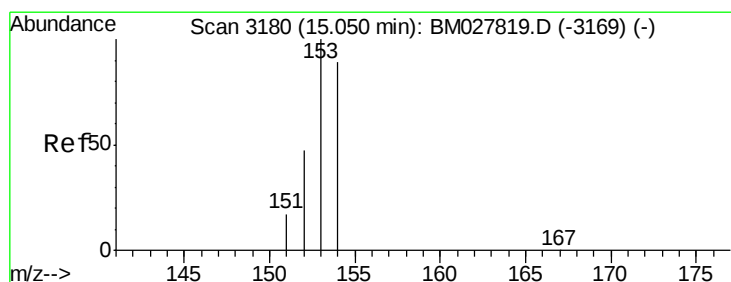
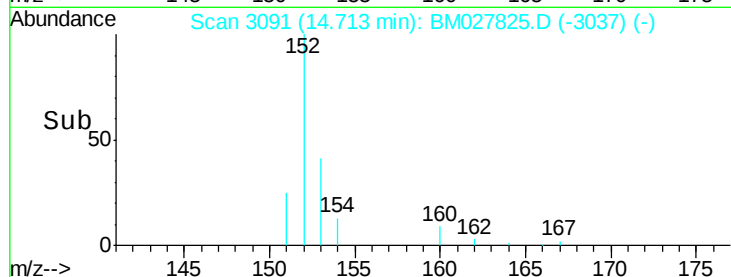
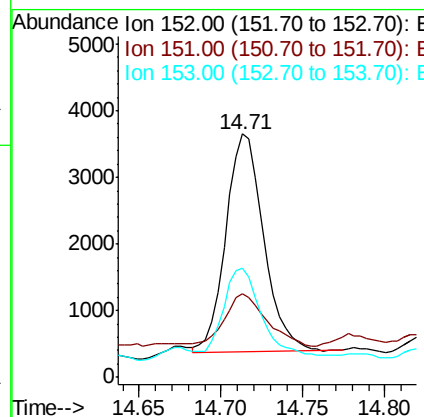
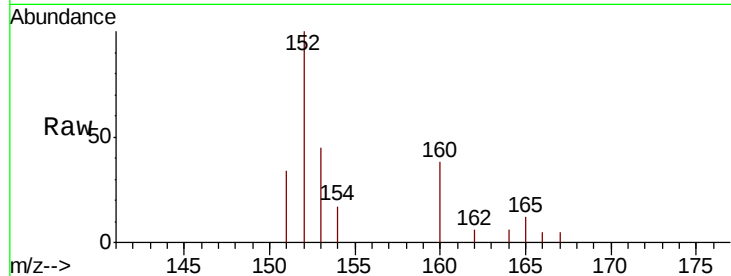
ClientSampleId :

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Tot Ion:	152	Resp:	5219
Ion Ratio	Lower	Upper	
152	100		
151	34.2	17.8	26.6#
153	44.9	11.8	17.8#

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#8

Acenaphthene

Concen: 0.409 ng/ul

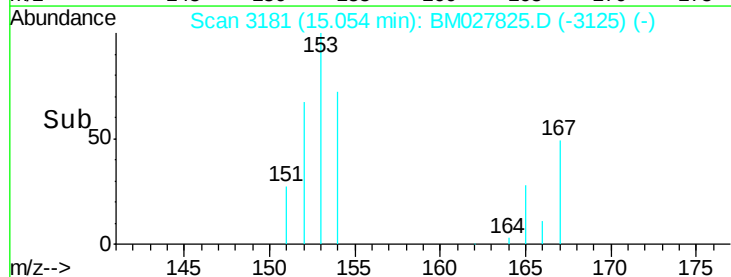
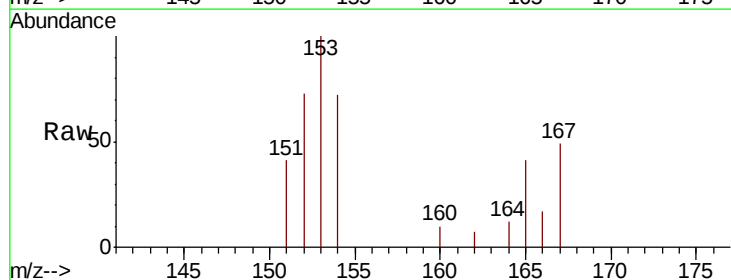
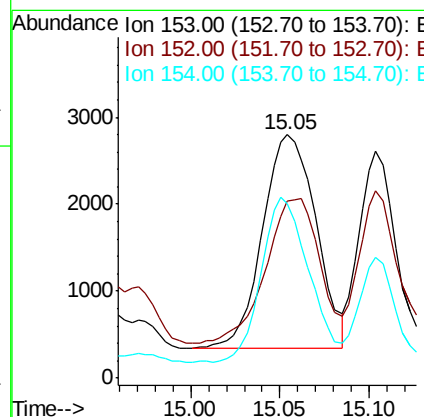
RT: 15.05 min Scan# 3181

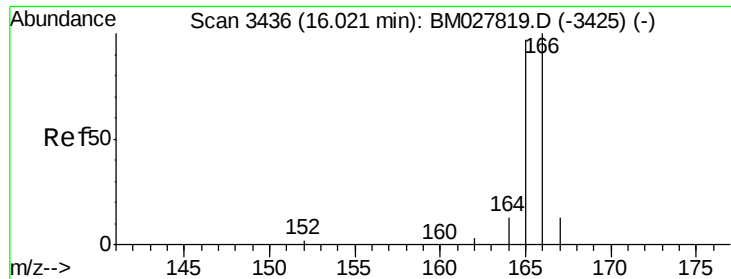
Delta R.T. 0.01 min

Lab File: BM027825.D

Acq: 17 Nov 2020 19:39

Tgt Ion:	153	Resp:	5112
Ion Ratio	Lower	Upper	
153	100		
152	72.6	38.6	58.0#
154	71.8	72.0	108.0#





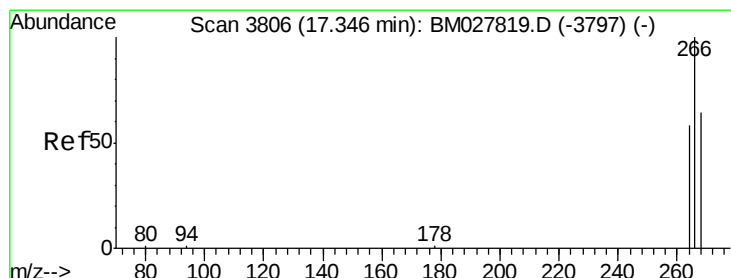
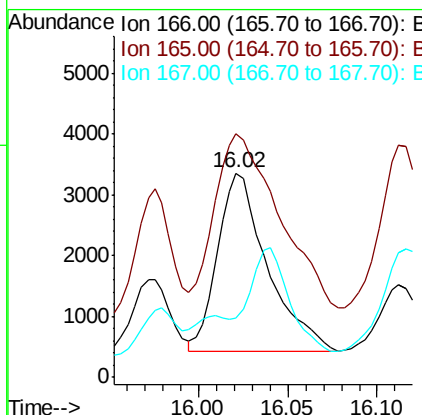
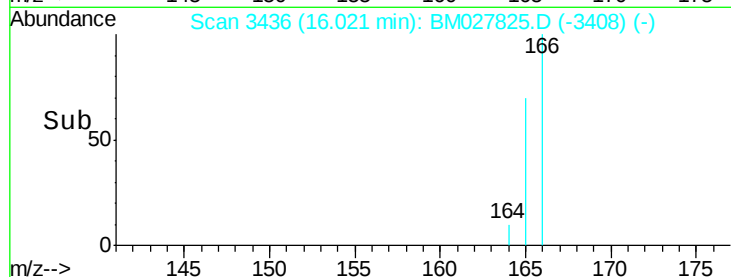
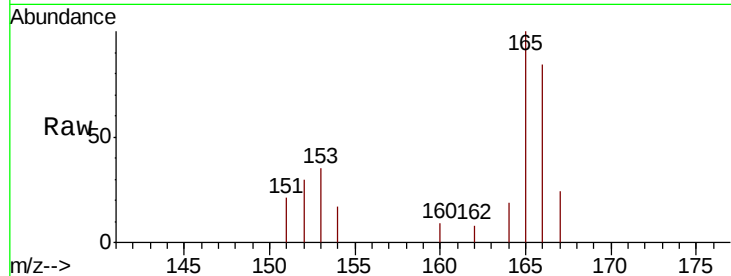
#9
Fluorene
 Concen: 0.374 ng/ul
 RT: 16.02 min Scan# 3436
 Delta R.T. 0.01 min
 Lab File: BM027825.D
 Acq: 17 Nov 2020 19:39

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	119.1	76.9	115.3#
167	28.7	12.0	18.0#

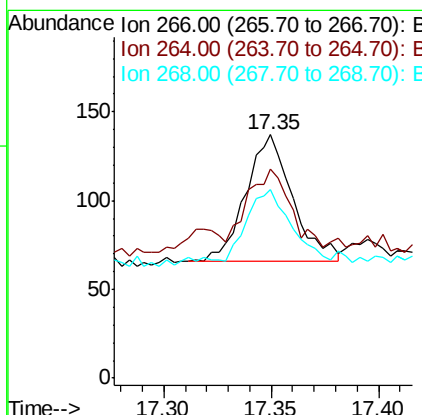
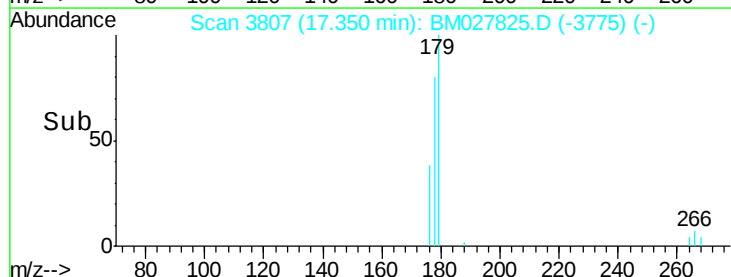
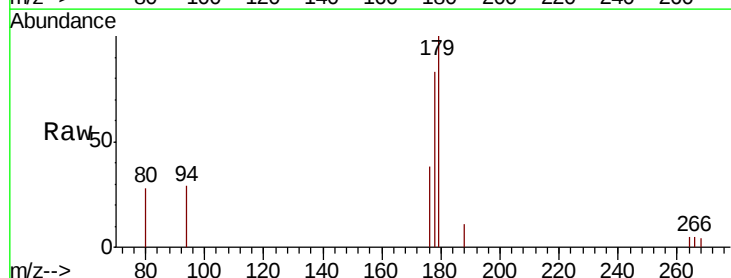
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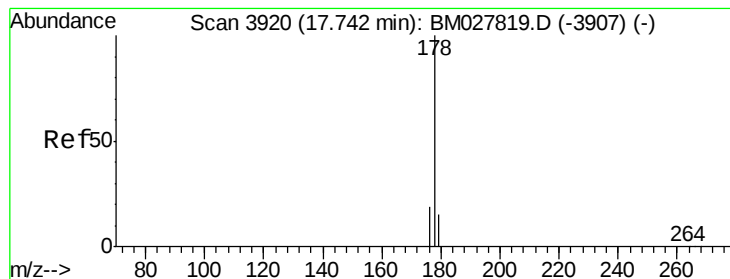
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#11
Pentachlorophenol
 Concen: 0.057 ng/ul
 RT: 17.35 min Scan# 3807
 Delta R.T. 0.01 min
 Lab File: BM027825.D
 Acq: 17 Nov 2020 19:39

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.4	49.0	73.6
268	52.3	50.4	75.6





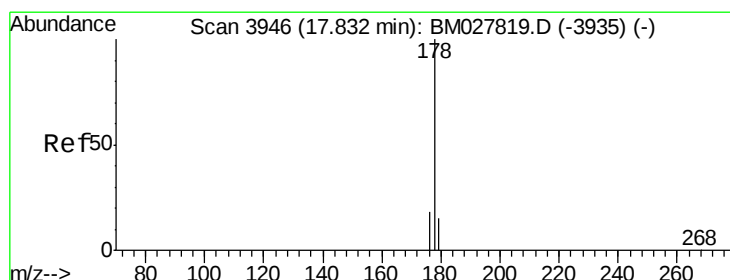
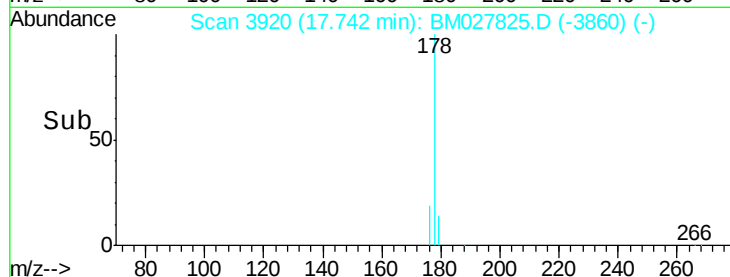
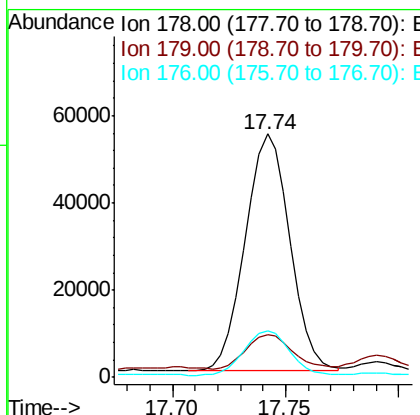
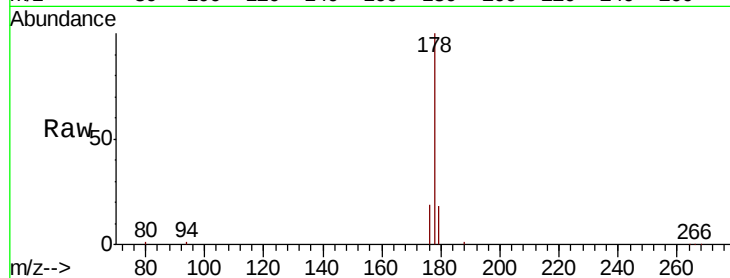
#12
Phenanthrene
Concen: 4.424 ng/ul
RT: 17.74 min Scan# 3920
Delta R.T. 0.01 min
Lab File: BM027825.D
Acq: 17 Nov 2020 19:39

Instrument :
BNA_M
ClientSampleId :
C0AC9DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.5	20.3
176	19.3	16.5	24.7

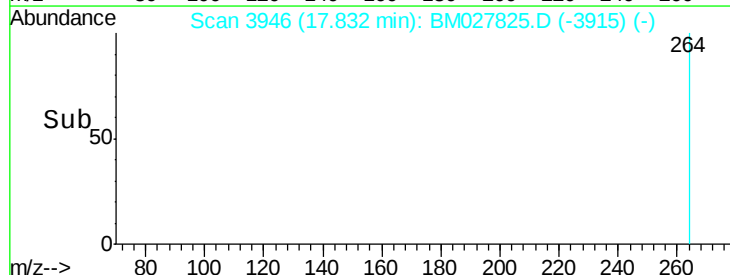
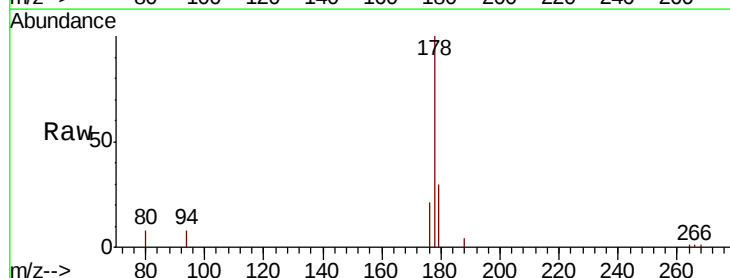
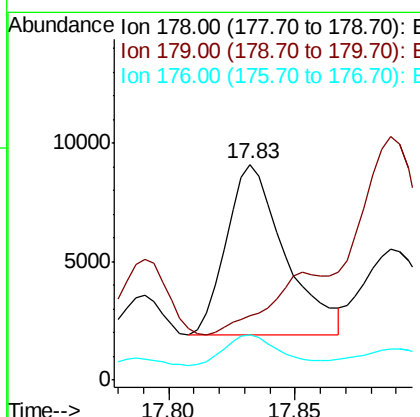
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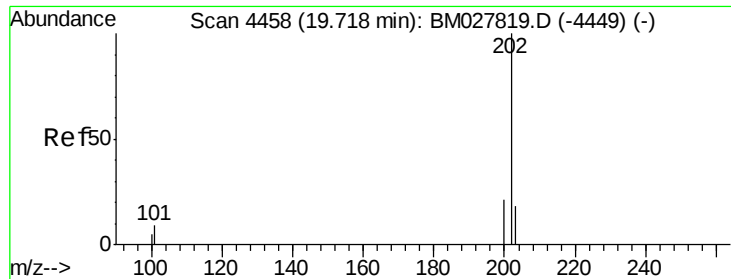
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#13
Anthracene
Concen: 0.711 ng/ul
RT: 17.83 min Scan# 3946
Delta R.T. 0.01 min
Lab File: BM027825.D
Acq: 17 Nov 2020 19:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	29.7	13.6	20.4#
176	20.9	15.4	23.2





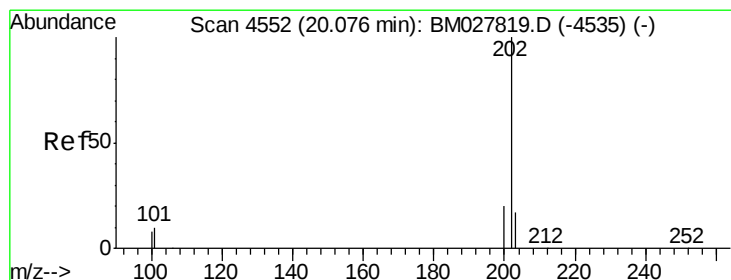
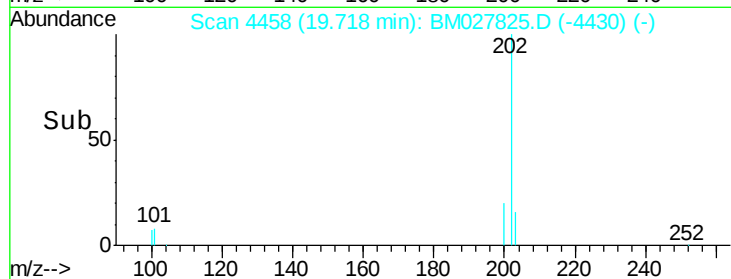
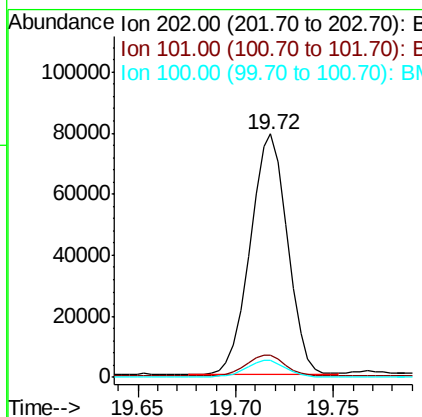
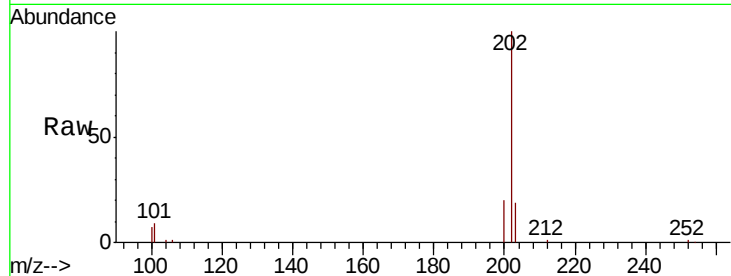
#15
Fluoranthene
 Concen: 5.406 ng/ul
 RT: 19.72 min Scan# 4458
 Delta R.T. 0.01 min
 Lab File: BM027825.D
 Acq: 17 Nov 2020 19:39

Instrument :
 BNA_M
 ClientSampled :
 C0AC9DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.2	0.0	28.0
100	6.8	0.0	26.3

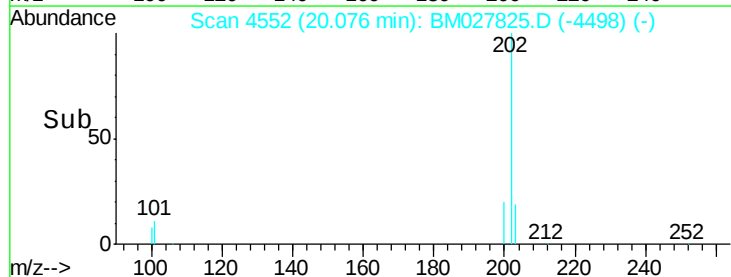
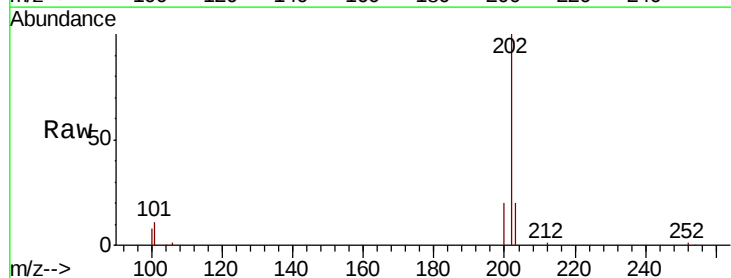
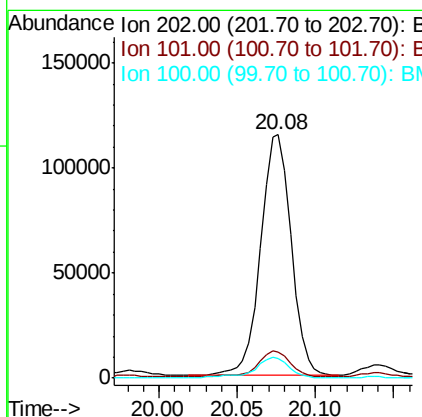
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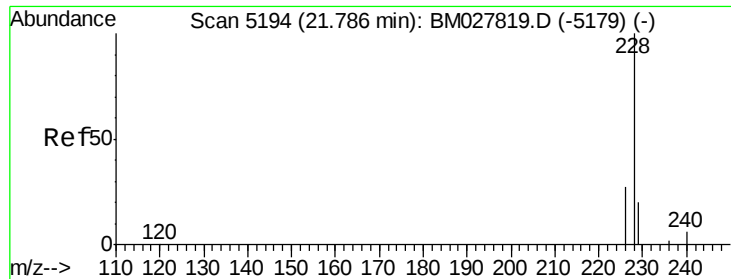
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#17
Pyrene
 Concen: 10.920 ng/ul
 RT: 20.08 min Scan# 4552
 Delta R.T. 0.01 min
 Lab File: BM027825.D
 Acq: 17 Nov 2020 19:39

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.9	6.4	9.6#
100	8.1	5.8	8.6





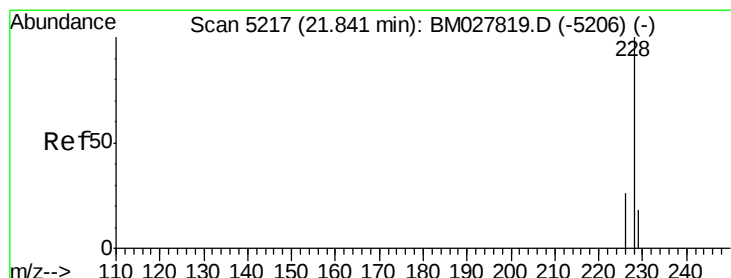
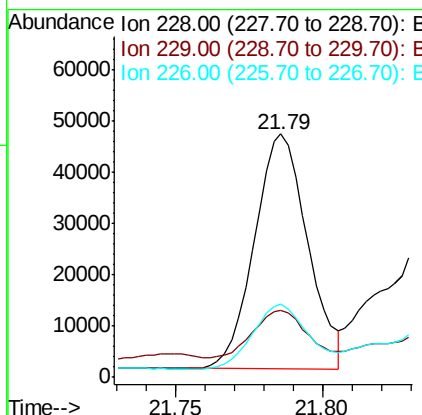
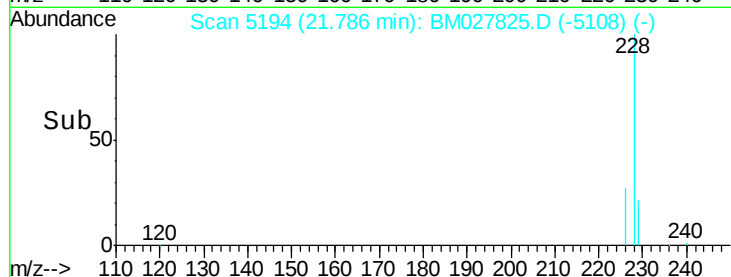
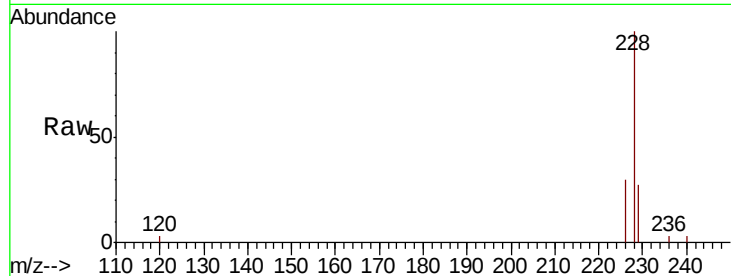
#18
Benzo(a)anthracene
Concen: 4.482 ng/ul
RT: 21.79 min Scan# 5194
Delta R.T. 0.01 min
Lab File: BM027825.D
Acq: 17 Nov 2020 19:39

Instrument :
BNA_M
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C0AC9DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	27.4	15.9	23.9#
226	29.9	22.0	33.0

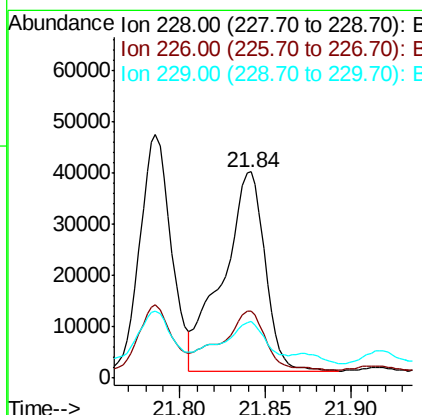
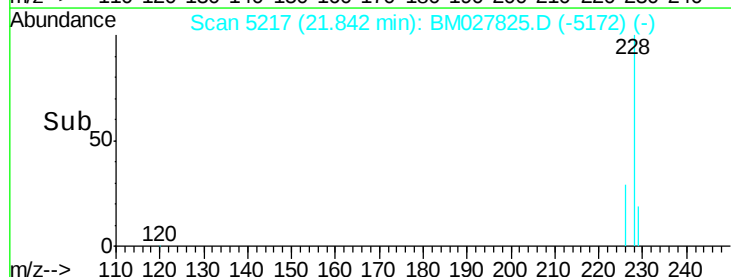
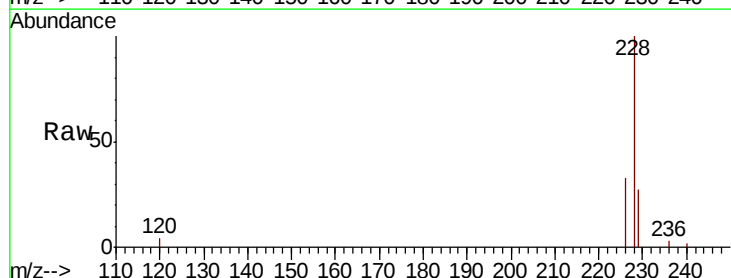
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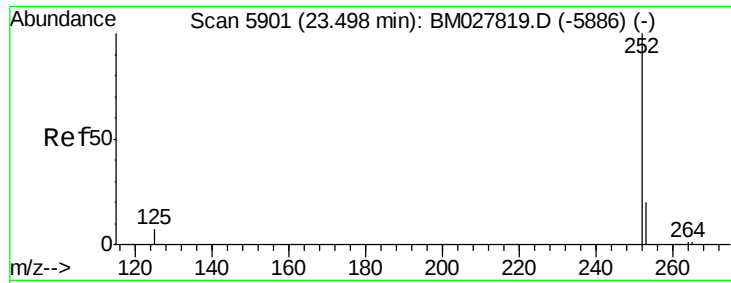
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#19
Chrysene
Concen: 5.057 ng/ul
RT: 21.84 min Scan# 5217
Delta R.T. 0.01 min
Lab File: BM027825.D
Acq: 17 Nov 2020 19:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.2	36.2
229	27.3	16.8	25.2#





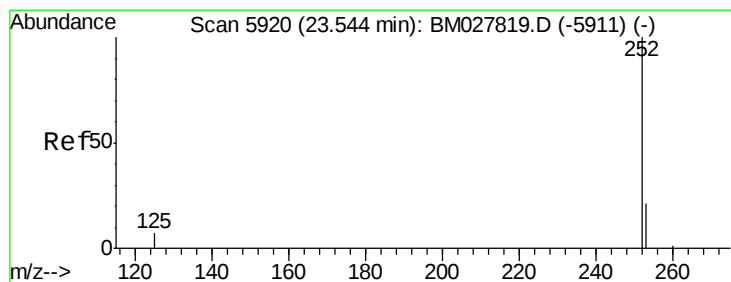
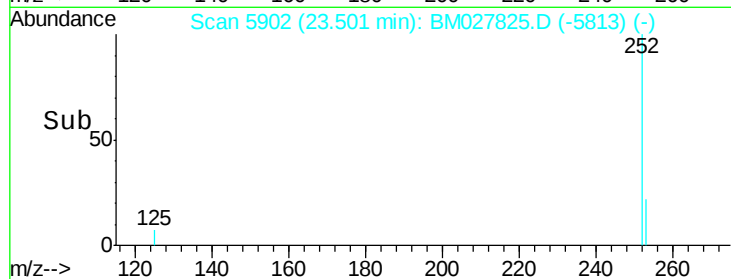
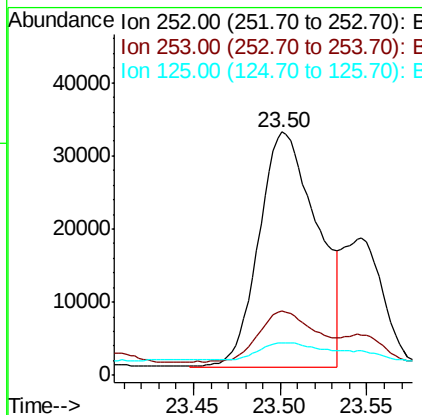
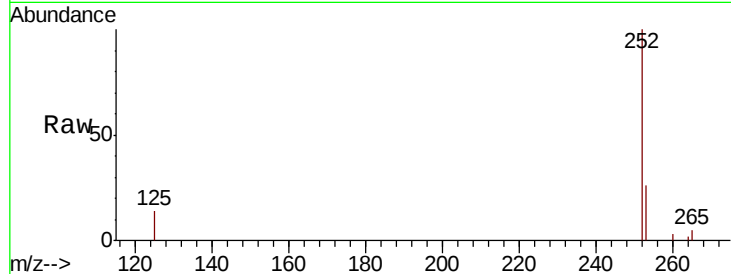
#21
Benzo(b)fluoranthene
Concen: 5.536 ng/ul m
RT: 23.50 min Scan# 5902
Delta R.T. 0.01 min
Lab File: BM027825.D
Acq: 17 Nov 2020 19:39

Instrument :
BNA_M
ClientSampleId :
C0AC9DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	0.0	52.2
125	13.5	0.0	17.6

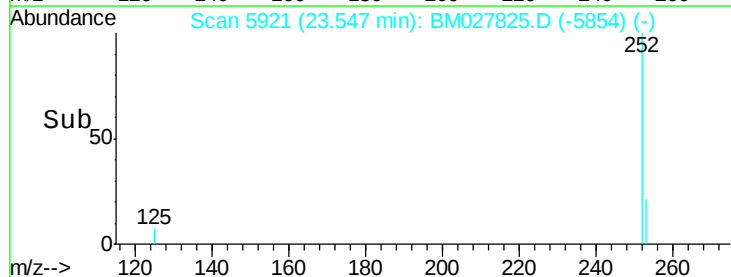
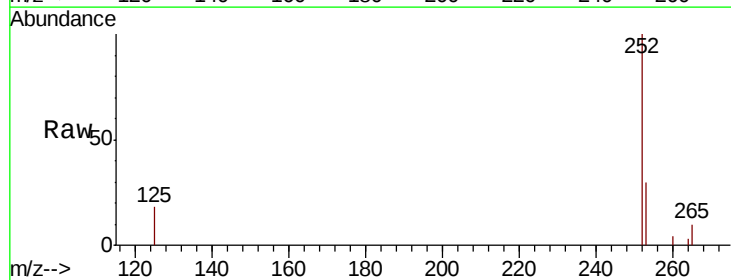
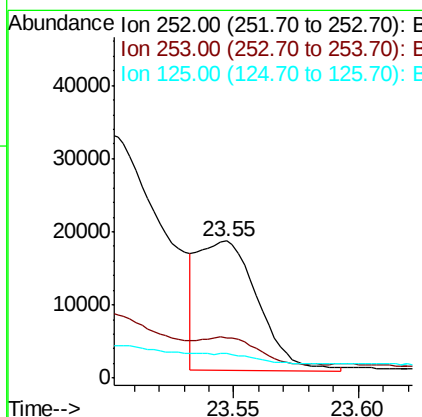
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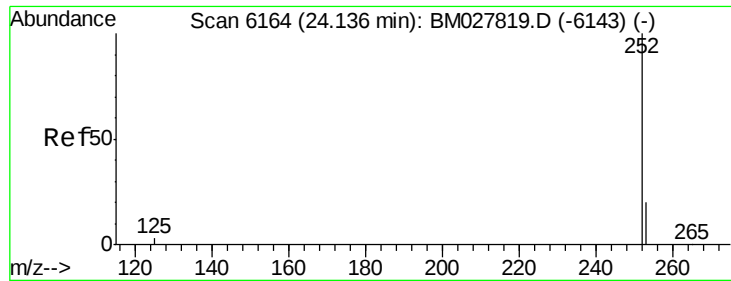
mohammad
11/19/2020 10:33:30 AM



#22
Benzo(k)fluoranthene
Concen: 2.215 ng/ul m
RT: 23.55 min Scan# 5921
Delta R.T. 0.01 min
Lab File: BM027825.D
Acq: 17 Nov 2020 19:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.7	20.4	30.6
125	17.6	7.0	10.4#





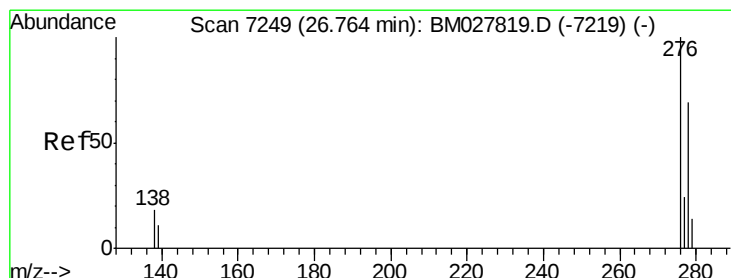
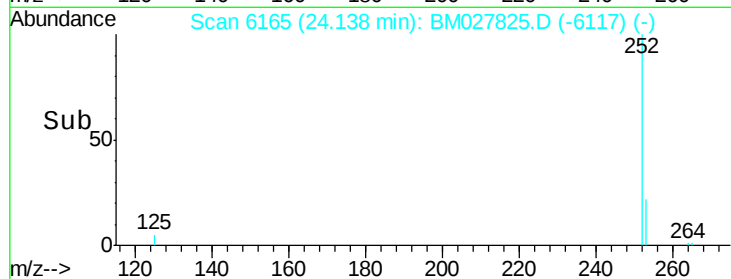
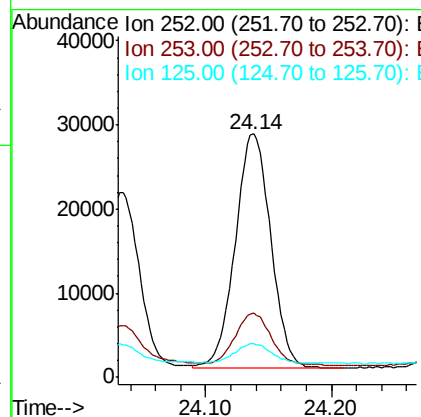
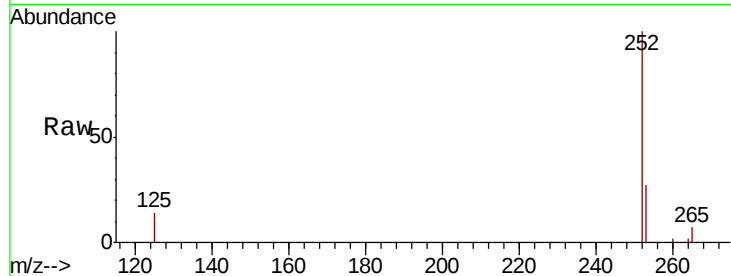
#23
Benzo(a)pyrene
Concen: 4.559 ng/ul
RT: 24.14 min Scan# 6165
Delta R.T. 0.02 min
Lab File: BM027825.D
Acq: 17 Nov 2020 19:39

Instrument :
BNA_M
ClientSampleId :
C0AC9DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	21.0	31.6
125	13.9	7.8	11.8

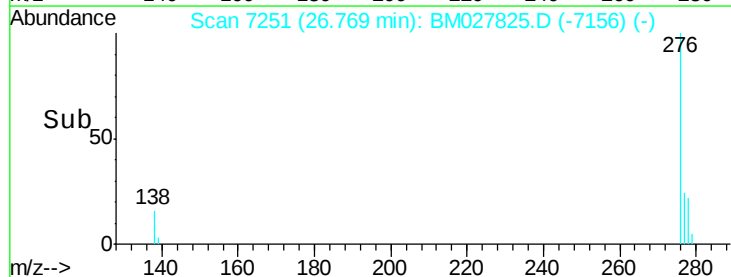
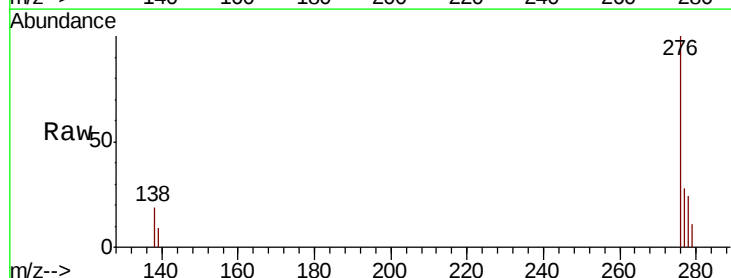
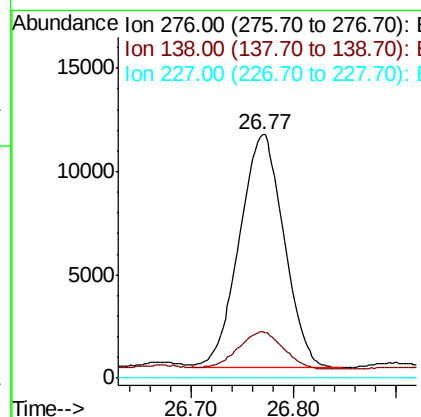
Manual Integrations
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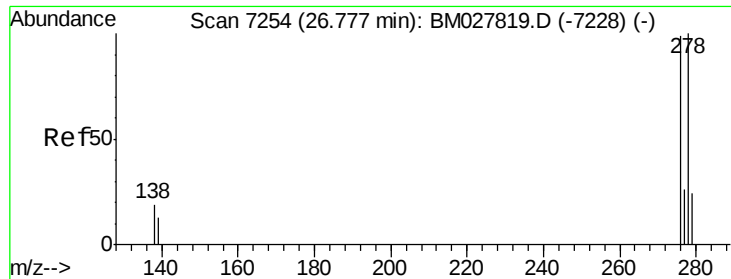
mohammad
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#24
Indeno(1,2,3-cd)pyrene
Concen: 2.502 ng/ul
RT: 26.77 min Scan# 7251
Delta R.T. 0.03 min
Lab File: BM027825.D
Acq: 17 Nov 2020 19:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.5	12.1	18.1
227	0.0	0.0	0.0





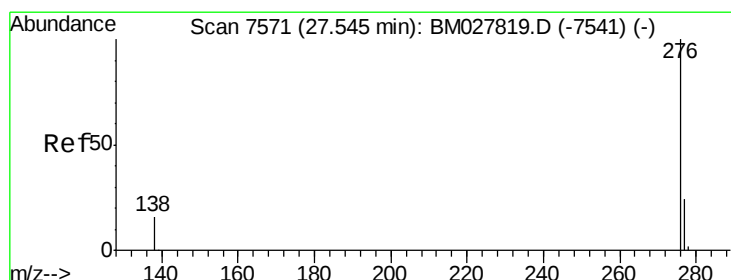
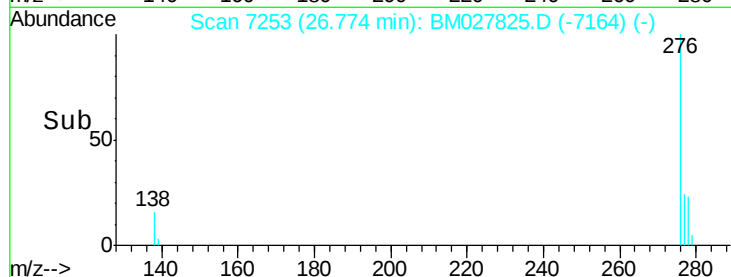
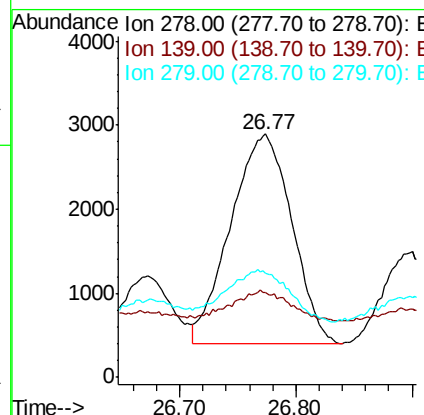
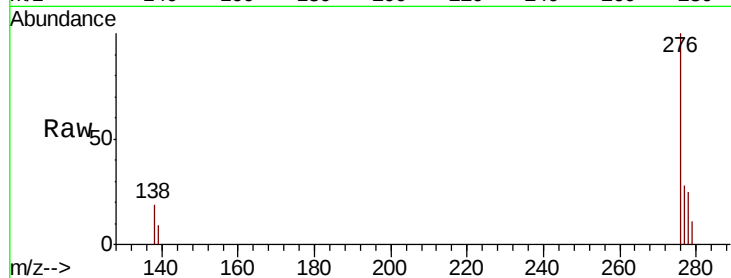
#25
Dibenzo(a,h)anthracene
Concen: 0.798 ng/ul
RT: 26.77 min Scan# 7253
Delta R.T. 0.01 min
Lab File: BM027825.D
Acq: 17 Nov 2020 19:39

Instrument :
BNA_M
ClientSampleId :
C0AC9DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	34.8	10.2	15.4#
279	42.5	21.9	32.9#

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#26
Benzo(g,h,i)perylene
Concen: 2.728 ng/ul
RT: 27.55 min Scan# 7575
Delta R.T. 0.04 min
Lab File: BM027825.D
Acq: 17 Nov 2020 19:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.3	12.8	19.2#
277	27.1	21.5	32.3

