

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
 Data File : BM025545.D
 Acq On : 13 Mar 2020 17:34
 Operator : CG/JU
 Sample : L1677-05DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CC9DL

Manual Integrations
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Quant Time: Mar 16 05:43:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 05:37:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3117	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	13435	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9227	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	19280	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	12972	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	12886	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	867	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2009	0.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	1697	0.043	ng/ul#	89
5) 2-Methylnaphthalene	12.09	142	881	0.031	ng/ul	97
7) Acenaphthylene	14.00	152	1458	0.039	ng/ul#	82
9) Fluorene	15.33	166	1131	0.028	ng/ul#	95
12) Phenanthrene	17.07	178	19016	0.311	ng/ul	100
13) Anthracene	17.16	178	6078	0.114	ng/ul	97
15) Fluoranthene	19.09	202	42296	0.639	ng/ul	99
17) Pyrene	19.45	202	37324	0.641	ng/ul	98
18) Benzo(a)anthracene	21.20	228	17889	0.386	ng/ul	97
19) Chrysene	21.25	228	18996	0.365	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	20060m	0.393	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	9117m	0.171	ng/ul	
23) Benzo(a)pyrene	23.31	252	12639	0.298	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.57	276	8416	0.146	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.58	278	2426	0.050	ng/ul#	63
26) Benzo(a,h,i)perylene	26.23	276	7557	0.152	ng/ul#	95

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

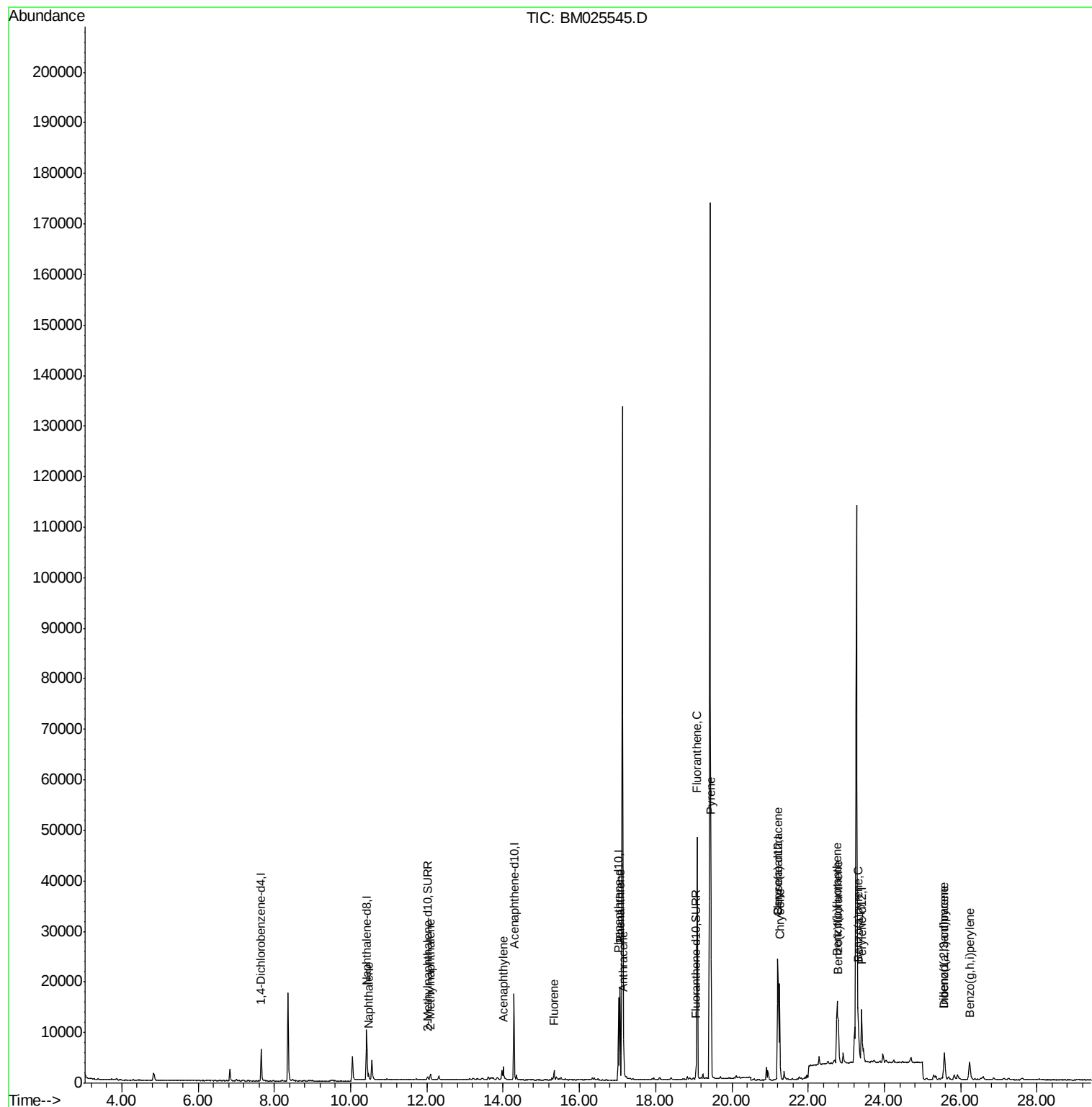
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
Data File : BM025545.D
Acq On : 13 Mar 2020 17:34
Operator : CG/JU
Sample : L1677-05DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

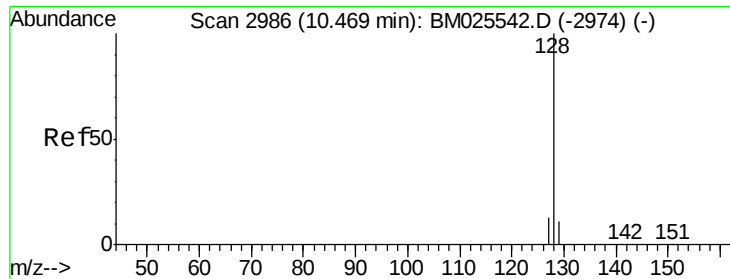
Instrument :
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ClientSampleId :
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Quant Time: Mar 16 05:43:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 05:37:34 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.043 ng/ul

RT: 10.47 min Scan# 2986

Delta R.T. 0.00 min

Lab File: BM025545.D

Acq: 13 Mar 2020 17:34

Instrument :

BNA_M

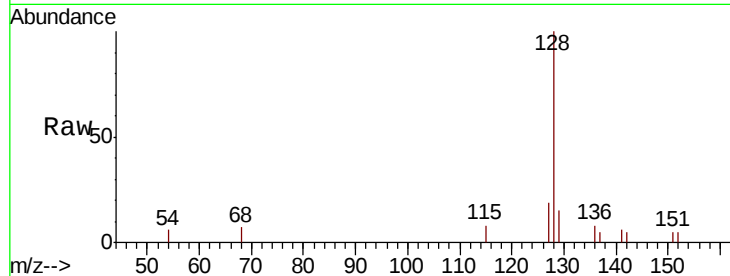
ClientSampleId :

C0CC9DL

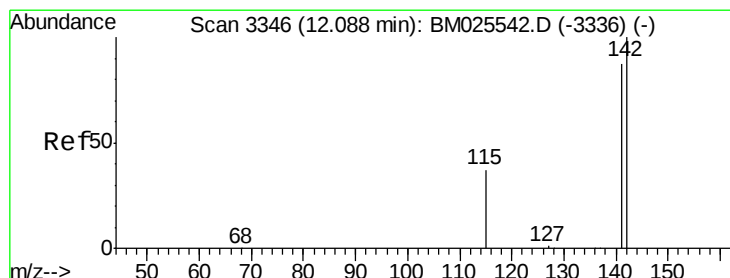
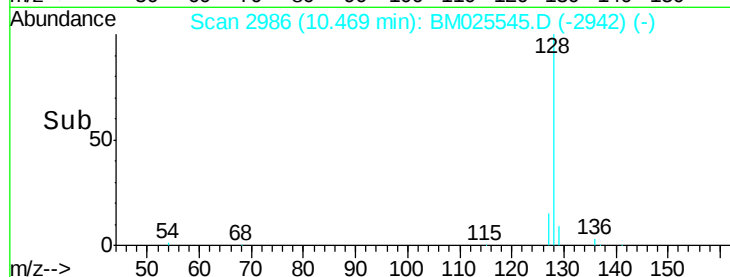
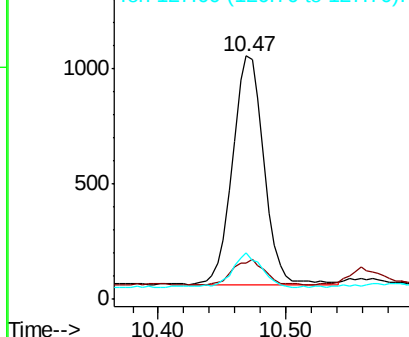
Tot Ion:	128	Resp:	1697
Ion Ratio	Lower	Upper	
128	100		
129	15.0	9.4	14.0#
127	18.8	10.9	16.3#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.031 ng/ul

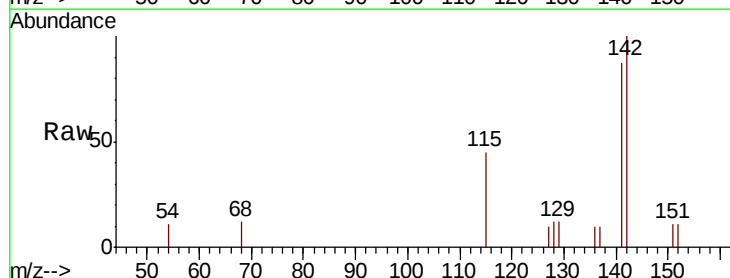
RT: 12.09 min Scan# 3347

Delta R.T. 0.00 min

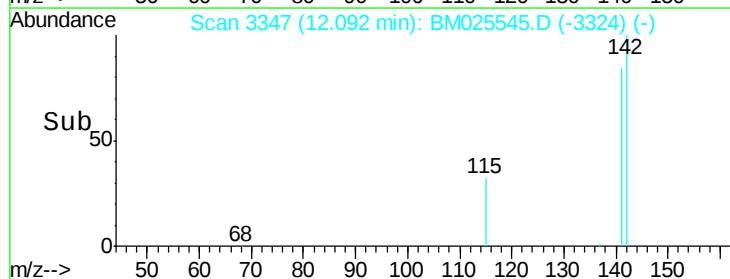
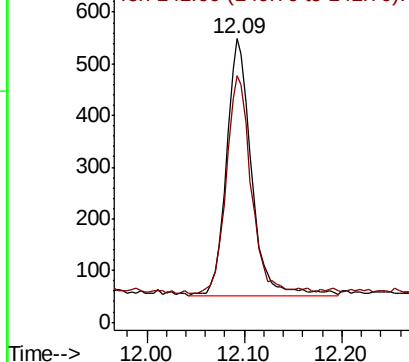
Lab File: BM025545.D

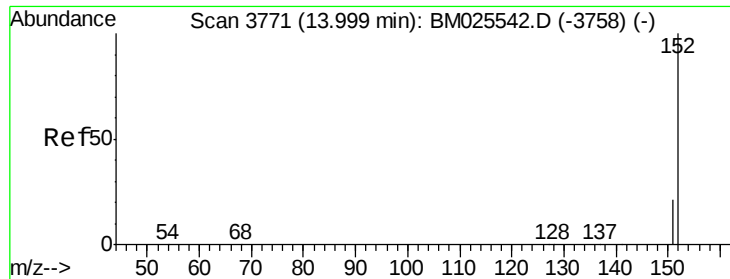
Acq: 13 Mar 2020 17:34

Tgt Ion:	142	Resp:	881
Ion Ratio	Lower	Upper	
142	100		
141	84.1	69.8	104.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.039 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. 0.00 min

Lab File: BM025545.D

Acq: 13 Mar 2020 17:34

Instrument :

BNA_M

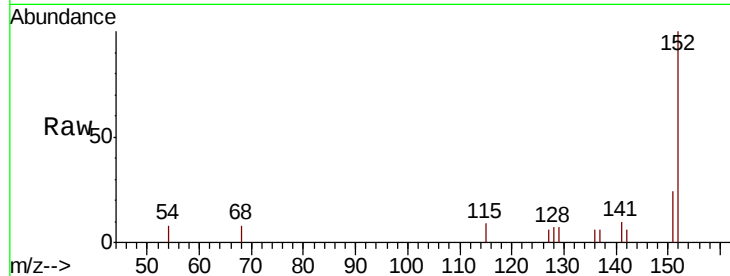
ClientSampleId :

C0CC9DL

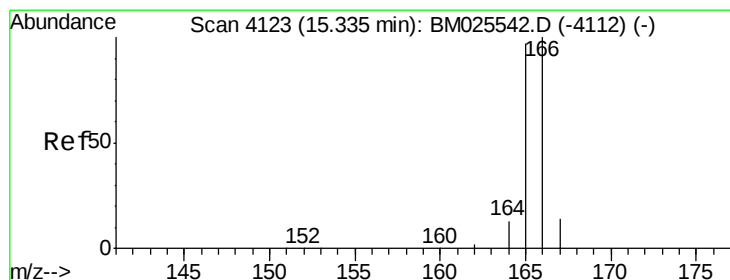
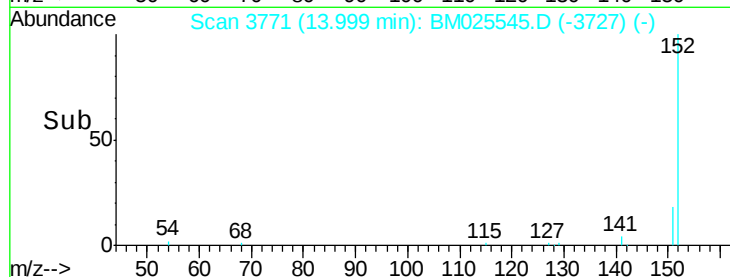
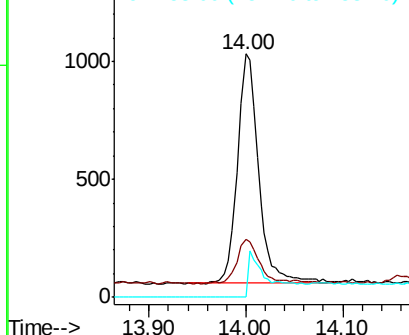
Tot Ion:	152	Resp:	1458
Ion Ratio	Lower	Upper	
152	100		
151	23.6	16.2	24.2
153	0.0	10.6	16.0#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#9

Fluorene

Concen: 0.028 ng/ul

RT: 15.33 min Scan# 4123

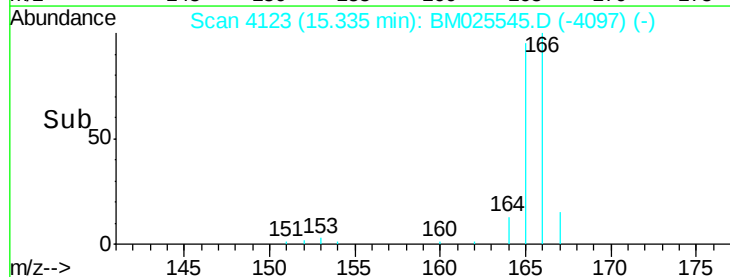
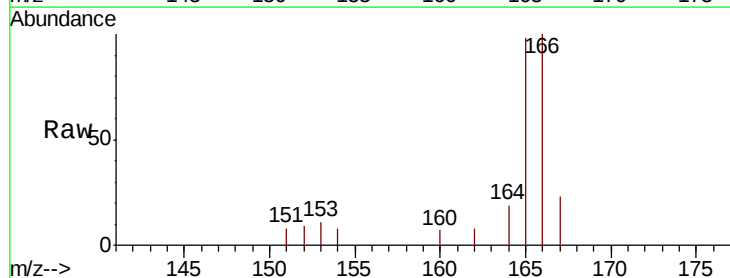
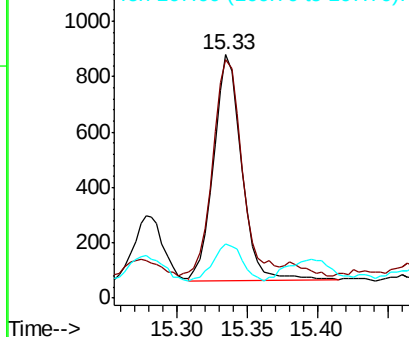
Delta R.T. 0.00 min

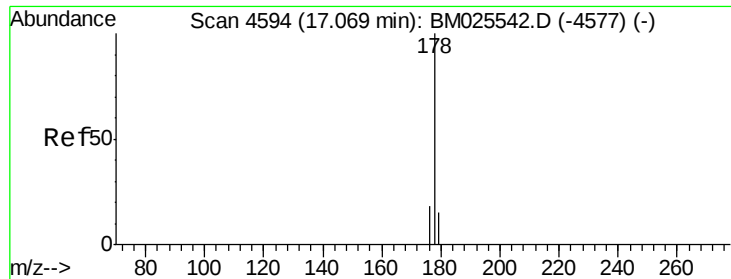
Lab File: BM025545.D

Acq: 13 Mar 2020 17:34

Tgt Ion:	166	Resp:	1131
Ion Ratio	Lower	Upper	
166	100		
165	98.1	76.8	115.2
167	22.5	11.2	16.8#

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.311 ng/ul

RT: 17.07 min Scan# 4594

Delta R.T. 0.00 min

Lab File: BM025545.D

Acq: 13 Mar 2020 17:34

Instrument :

BNA_M

ClientSampleId :

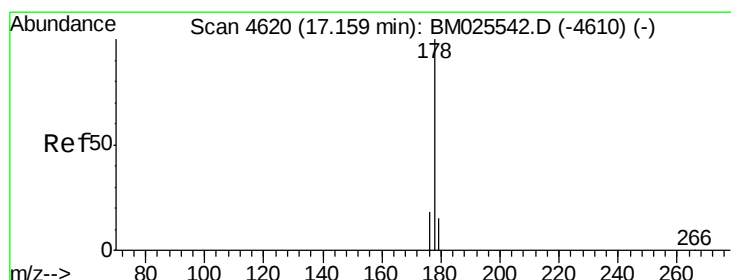
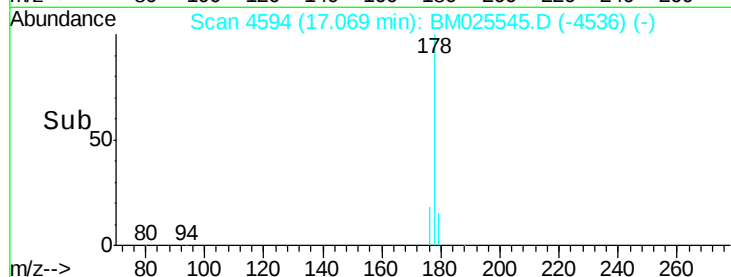
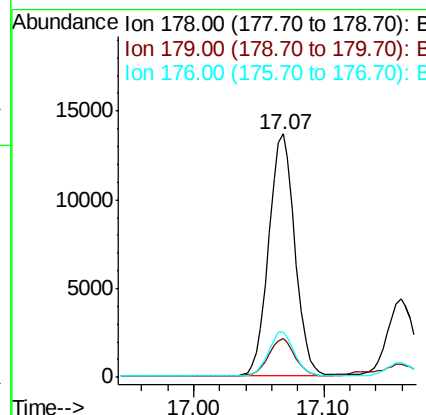
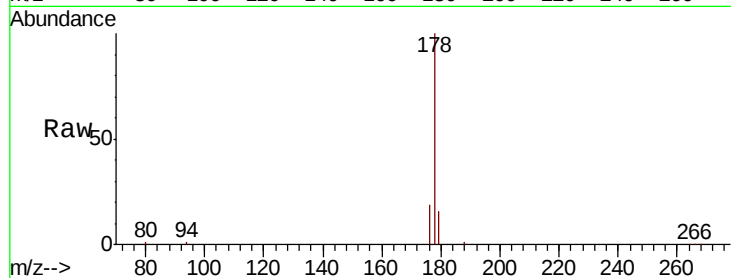
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Tot Ion:178 Resp: 19016

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	18.5	14.8	22.2

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#13

Anthracene

Concen: 0.114 ng/ul

RT: 17.16 min Scan# 4620

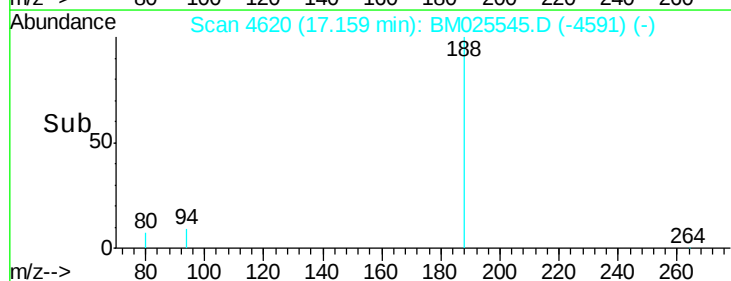
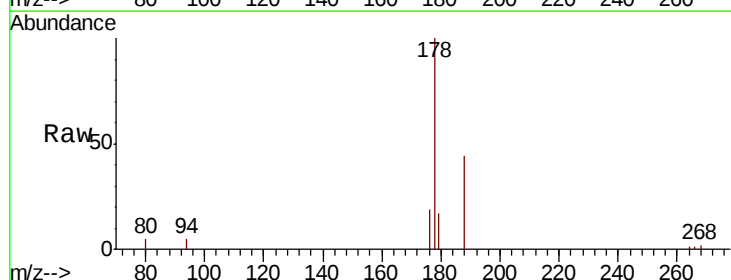
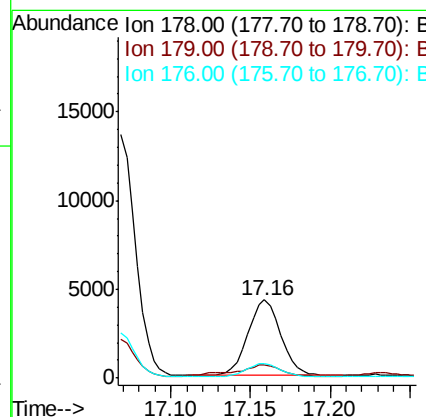
Delta R.T. 0.00 min

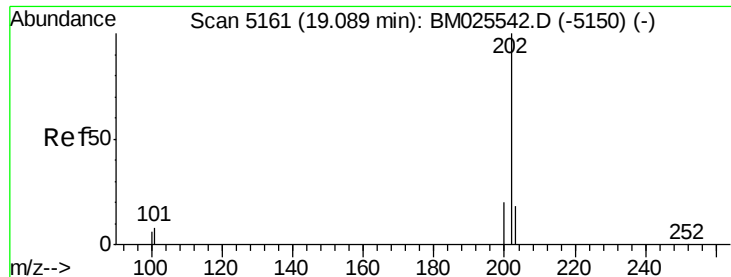
Lab File: BM025545.D

Acq: 13 Mar 2020 17:34

Tgt Ion:178 Resp: 6078

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.6	18.8
176	18.8	14.5	21.7





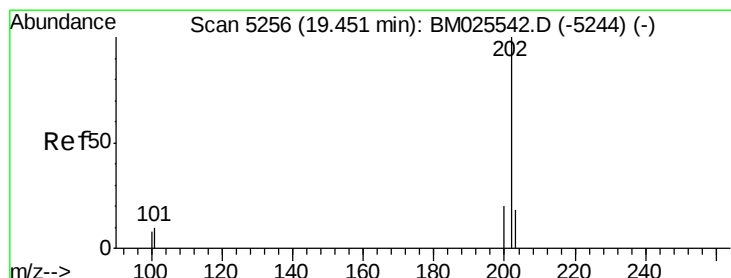
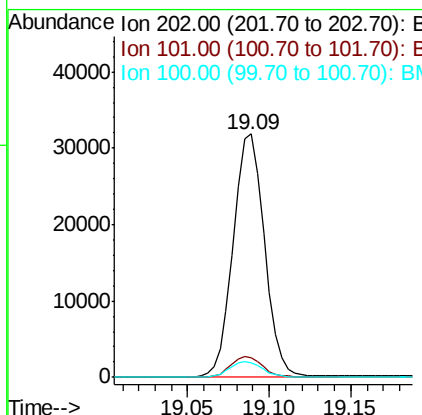
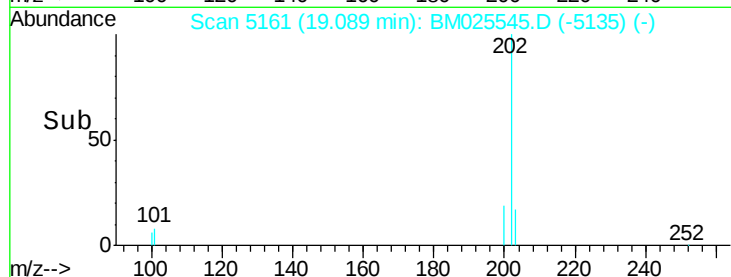
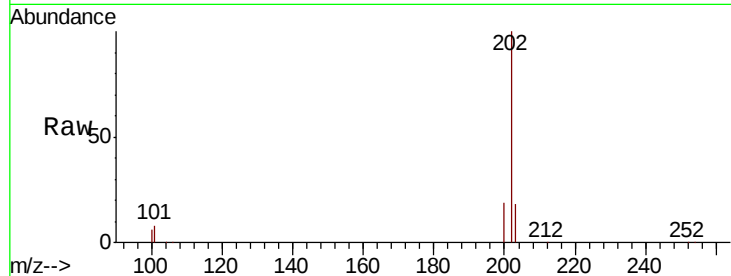
#15
Fluoranthene
 Concen: 0.639 ng/ul
 RT: 19.09 min Scan# 5161
 Delta R.T. 0.00 min
 Lab File: BM025545.D
 Acq: 13 Mar 2020 17:34

Instrument :
 BNA_M
 ClientSampleId :
 C0CC9DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.1	0.0	27.5
100	6.1	0.0	26.0

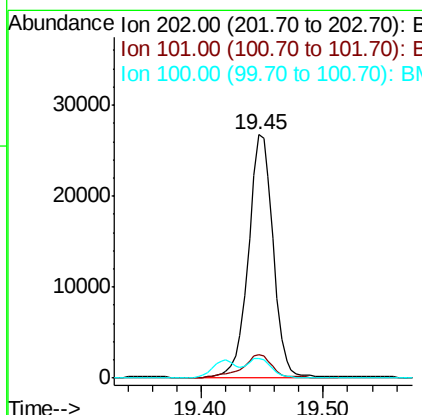
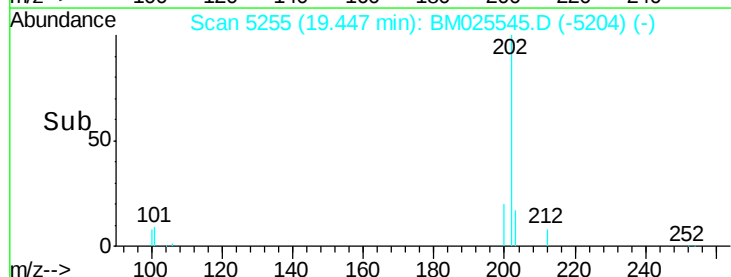
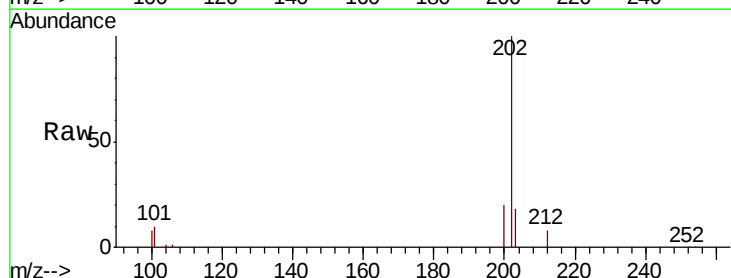
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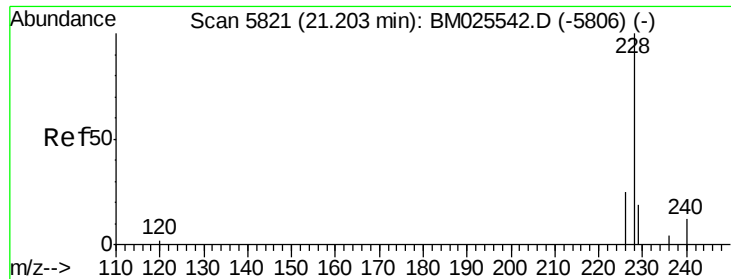
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#17
Pyrene
 Concen: 0.641 ng/ul
 RT: 19.45 min Scan# 5255
 Delta R.T. -0.00 min
 Lab File: BM025545.D
 Acq: 13 Mar 2020 17:34

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.7	7.1	10.7
100	8.0	6.0	9.0





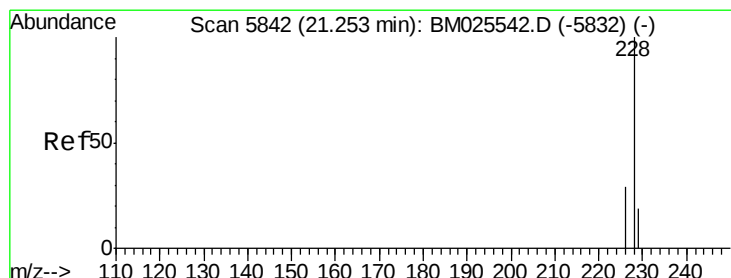
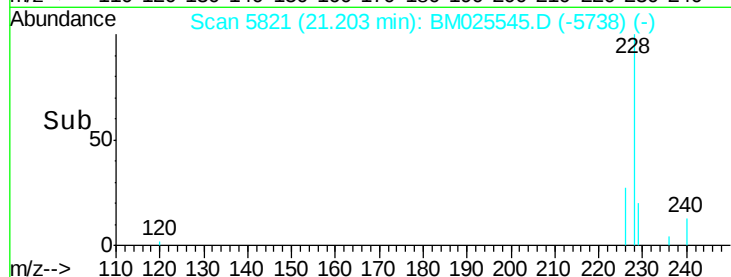
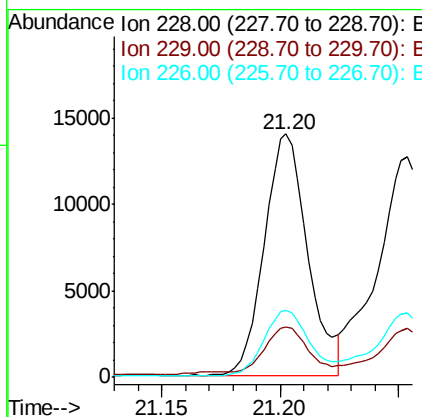
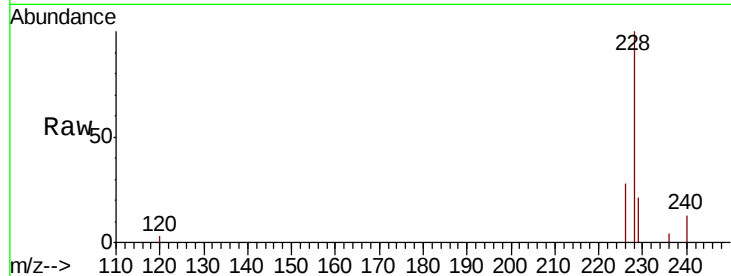
#18
Benzo(a)anthracene
Concen: 0.386 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. 0.00 min
Lab File: BM025545.D
Acq: 13 Mar 2020 17:34

Instrument :
BNA_M
ClientSampleId :
C0CC9DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.6	23.4
226	27.7	21.1	31.7

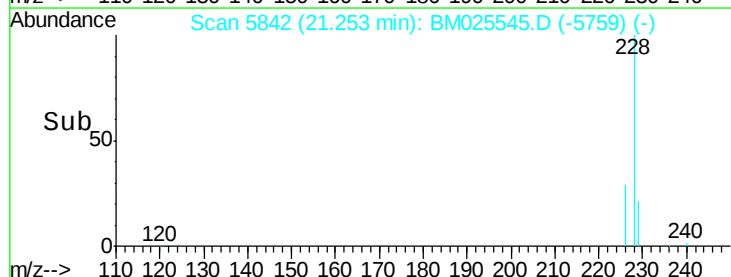
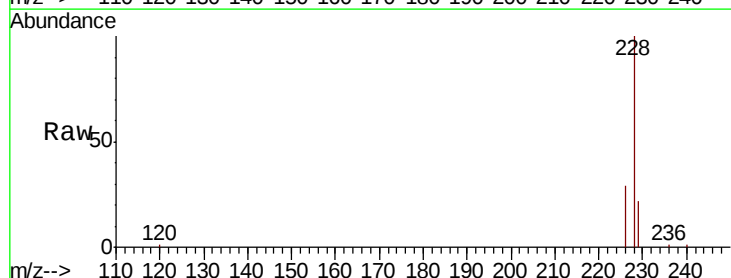
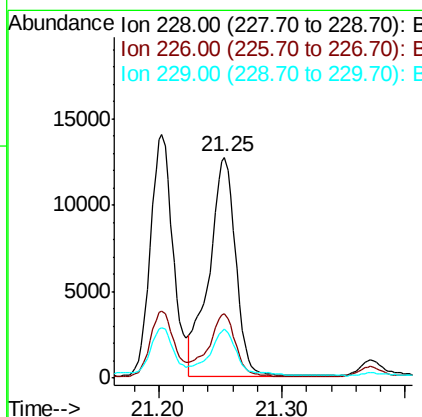
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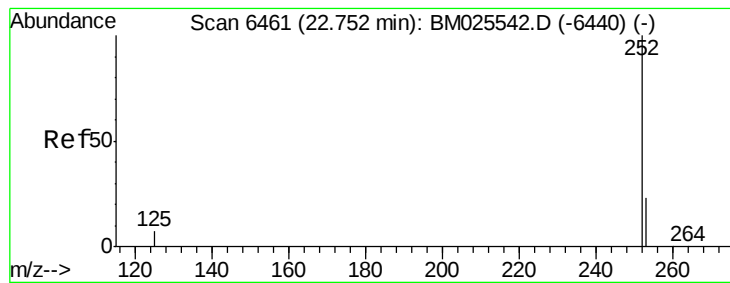
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#19
Chrysene
Concen: 0.365 ng/ul
RT: 21.25 min Scan# 5842
Delta R.T. 0.00 min
Lab File: BM025545.D
Acq: 13 Mar 2020 17:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.6	35.4
229	22.0	16.3	24.5





#21

Benzo(b)fluoranthene

Concen: 0.393 ng/ul m

RT: 22.75 min Scan# 6462

Delta R.T. 0.00 min

Lab File: BM025545.D

Acq: 13 Mar 2020 17:34

Instrument :

BNA_M

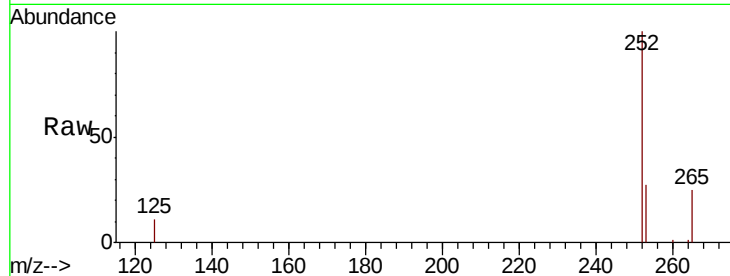
ClientSampleId :

C0CC9DL

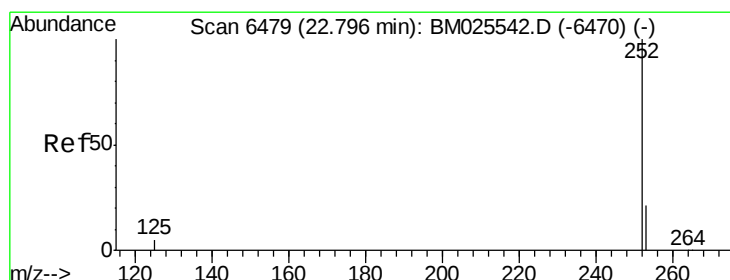
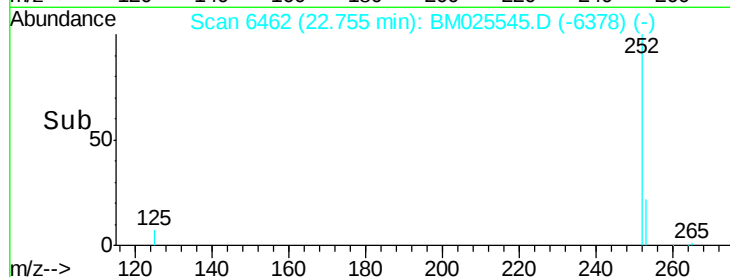
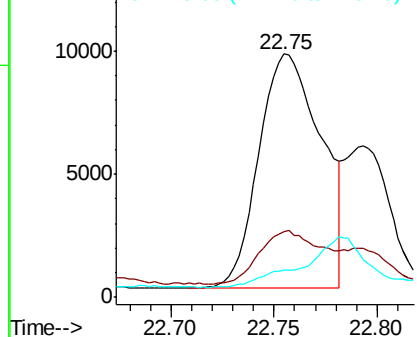
Tot Ion:	252	Resp:	20060
Ion Ratio	Lower	Upper	
252	100		
253	26.8	0.0	50.2
125	11.0	0.0	17.6

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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: 0.171 ng/ul m

RT: 22.79 min Scan# 6478

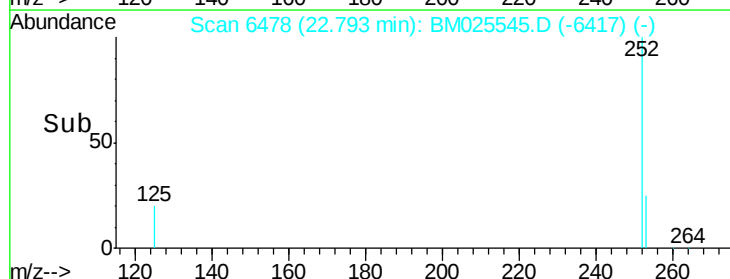
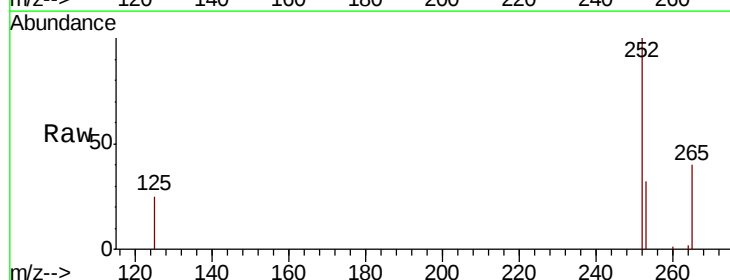
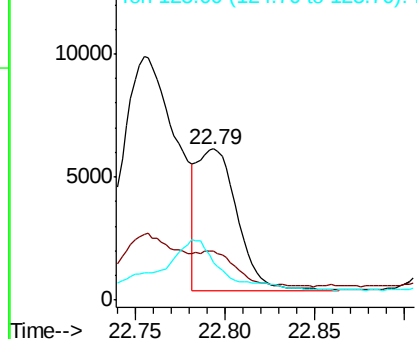
Delta R.T. -0.00 min

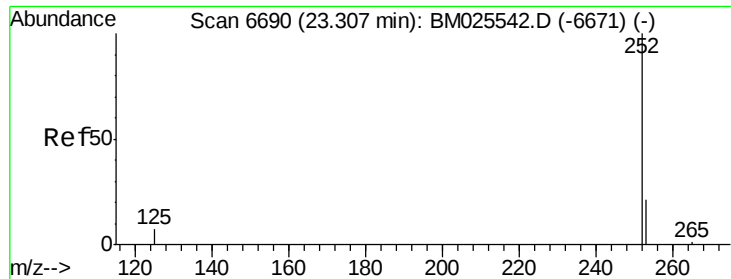
Lab File: BM025545.D

Acq: 13 Mar 2020 17:34

Tgt Ion:	252	Resp:	9117
Ion Ratio	Lower	Upper	
252	100		
253	32.4	19.8	29.8#
125	25.2	7.1	10.7#

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





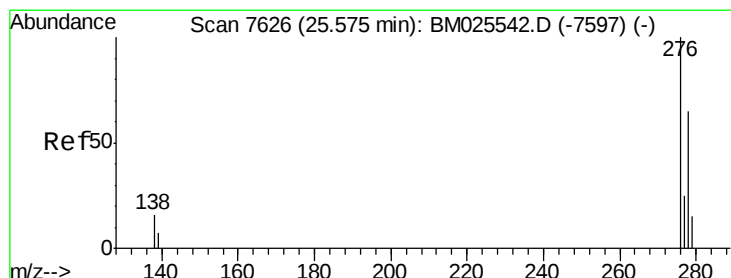
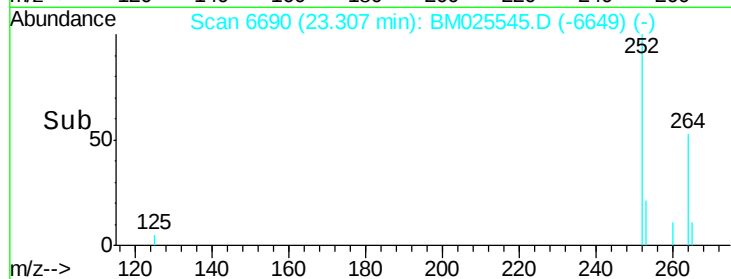
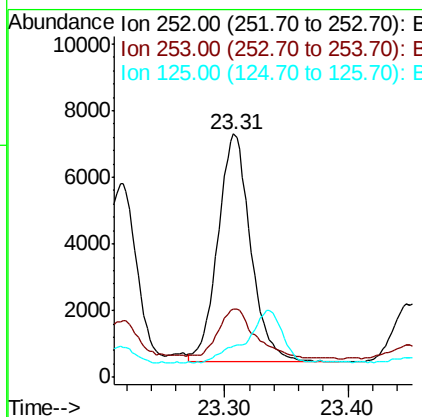
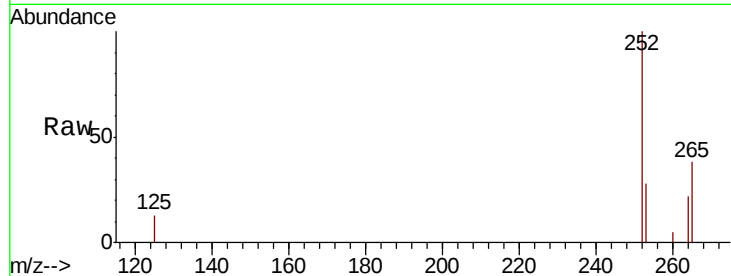
#23
Benzo(a)pyrene
Concen: 0.298 ng/u1
RT: 23.31 min Scan# 6690
Delta R.T. 0.00 min
Lab File: BM025545.D
Acq: 13 Mar 2020 17:34

Instrument :
BNA_M
ClientSampleId :
C0CC9DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.2	21.3	31.9
125	12.7	8.5	12.7

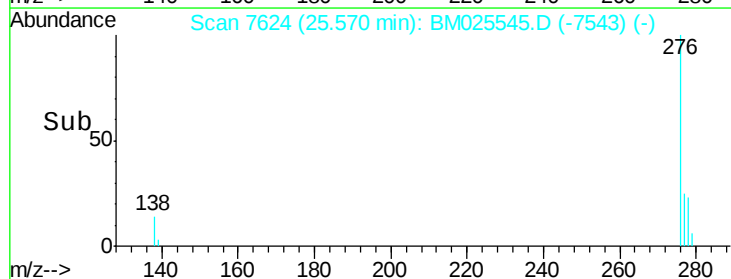
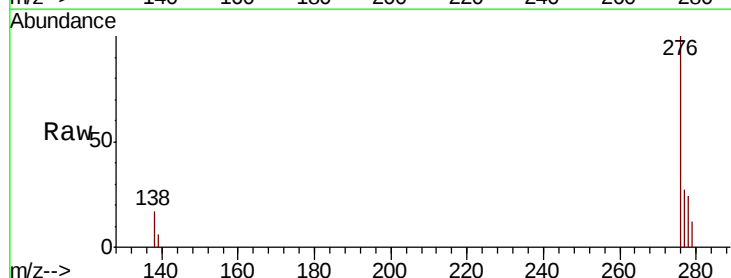
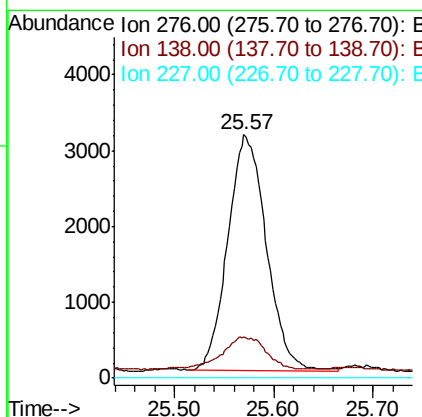
Manual Integrations
APPROVED

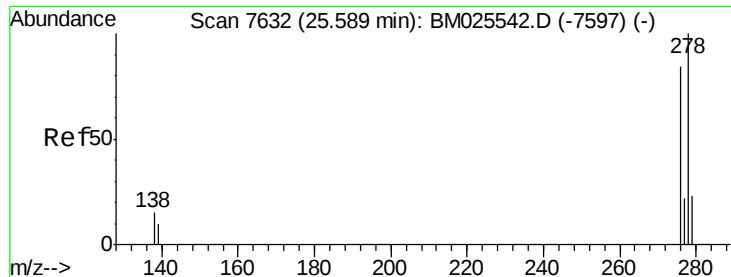
mohammad
3/16/2020 1:52:11 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.146 ng/u1
RT: 25.57 min Scan# 7624
Delta R.T. -0.00 min
Lab File: BM025545.D
Acq: 13 Mar 2020 17:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.1	12.3	18.5
227	0.0	0.0	0.0





#25

Dibenzo(a,h)anthracene

Concen: 0.050 ng/ul

RT: 25.58 min Scan# 7628

Delta R.T. -0.01 min

Lab File: BM025545.D

Acq: 13 Mar 2020 17:34

Instrument :

BNA_M

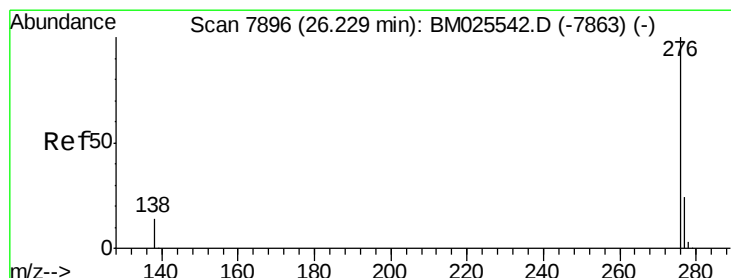
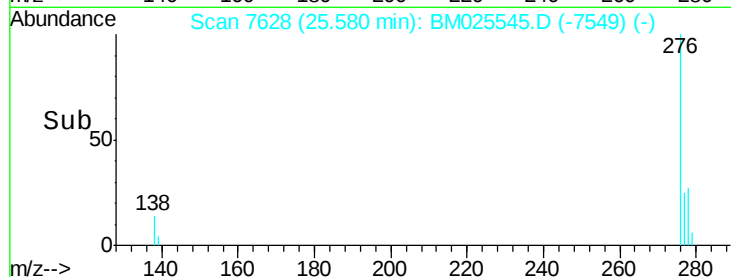
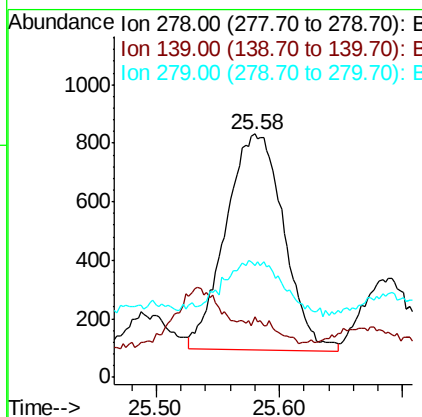
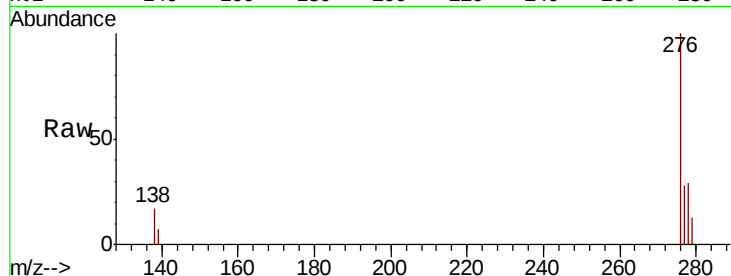
ClientSampleId :

C0CC9DL

Tot Ion:	278	Resp:	2426
Ion Ratio	Lower	Upper	
278	100		
139	24.8	9.0	13.6#
279	45.8	21.1	31.7#

Manual Integrations
APPROVED

mohammad
3/16/2020 1:52:11 PM



#26

Benzo(g,h,i)perylene

Concen: 0.152 ng/ul

RT: 26.23 min Scan# 7897

Delta R.T. 0.00 min

Lab File: BM025545.D

Acq: 13 Mar 2020 17:34

Tgt Ion:	276	Resp:	7557
Ion Ratio	Lower	Upper	
276	100		
138	17.0	11.0	16.4#
277	26.7	19.8	29.6

