

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
 Data File : BM025564.D
 Acq On : 14 Mar 2020 05:38
 Operator : CG/JU
 Sample : L1786-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC6

Manual Integrations
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mohammad
 3/16/2020 1:52:58 PM

Quant Time: Mar 16 07:29:53 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 06:44:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	3569	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	15520	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	10277	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	20191	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	15616	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	16456	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	2264	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	4464	0.08	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	67279	1.464	ng/ul	98
5) 2-Methylnaphthalene	12.09	142	14840	0.452	ng/ul	100
7) Acenaphthylene	14.00	152	28498	0.679	ng/ul#	86
8) Acenaphthene	14.34	153	3099	0.084	ng/ul	97
9) Fluorene	15.33	166	27401	0.611	ng/ul	100
12) Phenanthrene	17.07	178	225641	3.526	ng/ul	100
13) Anthracene	17.16	178	60127	1.080	ng/ul	99
15) Fluoranthene	19.08	202	307748	4.437	ng/ul	99
17) Pyrene	19.45	202	214466	3.060	ng/ul	99
18) Benzo(a)anthracene	21.20	228	176350	3.159	ng/ul	98
19) Chrysene	21.25	228	143394	2.287	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	185042m	2.840	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	84837m	1.243	ng/ul	
23) Benzo(a)pyrene	23.30	252	102638	1.897	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.56	276	70240	0.957	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.57	278	24343	0.394	ng/ul	96
26) Benzo(a,h,i)perylene	26.22	276	38134	0.599	ng/ul	98

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

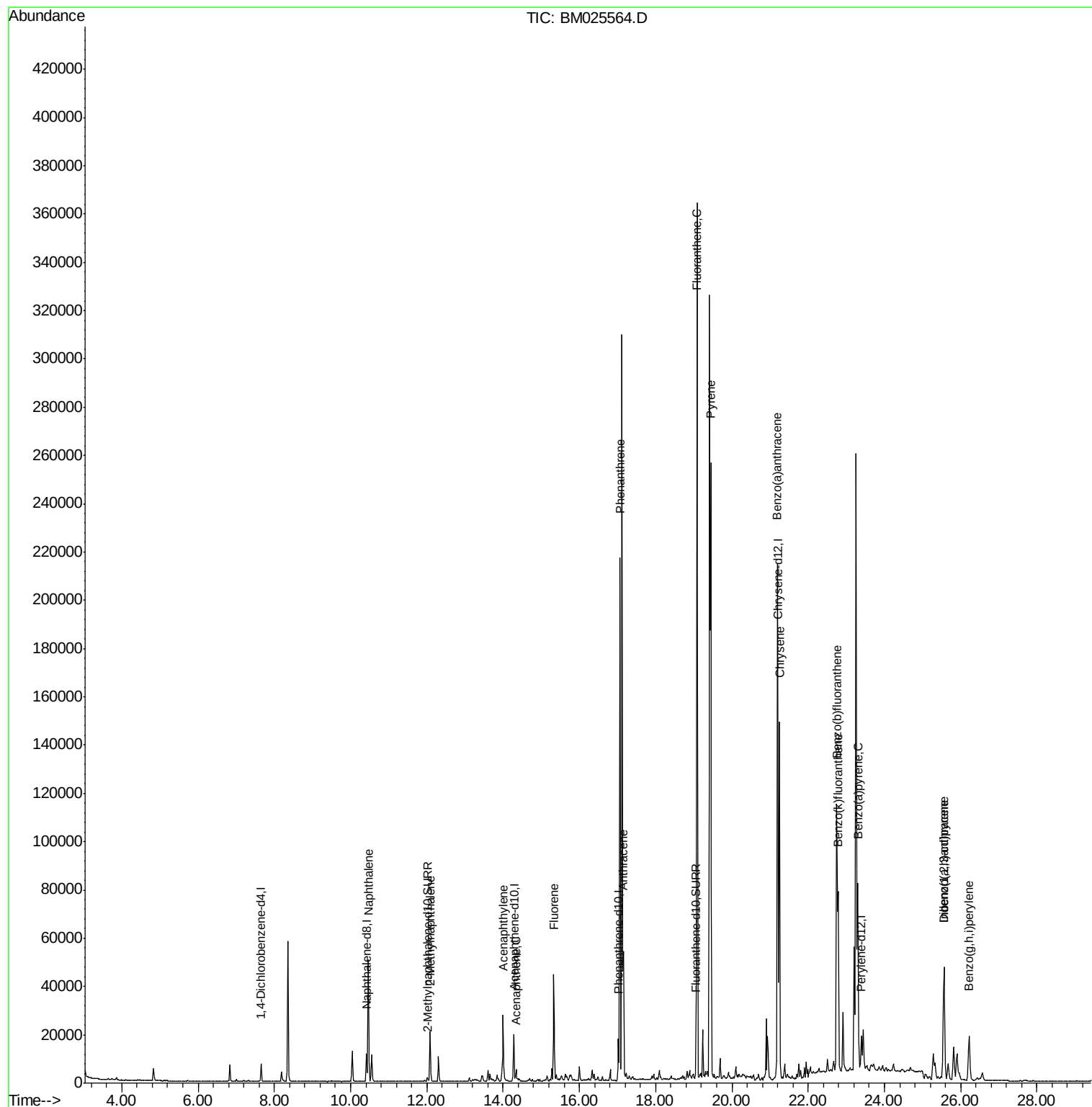
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
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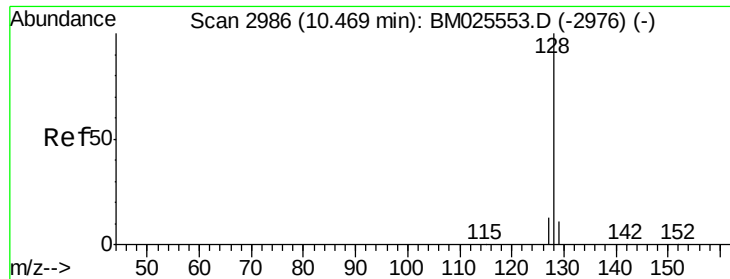
Instrument :
BNA_M
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Manual Integrations
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Quant Time: Mar 16 07:29:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 06:44:28 2020
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#3

Naphthalene

Concen: 1.464 ng/ul

RT: 10.46 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BM025564.D

Acq: 14 Mar 2020 05:38

Instrument :

BNA_M

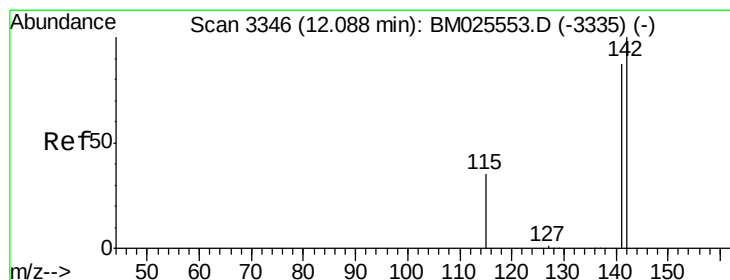
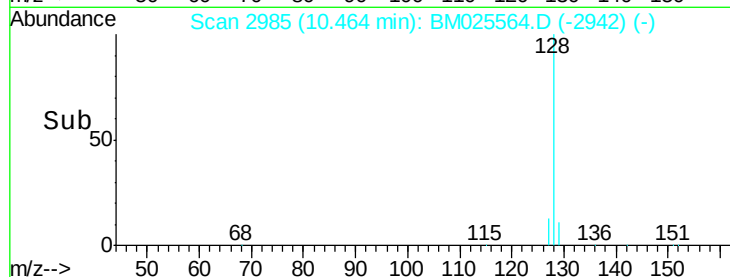
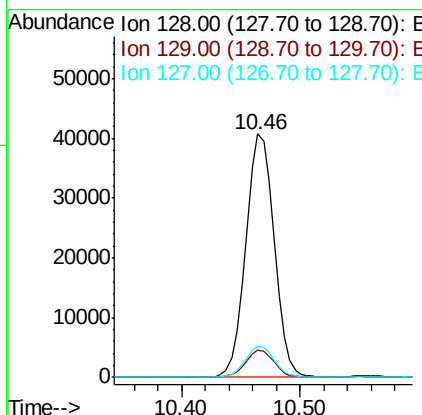
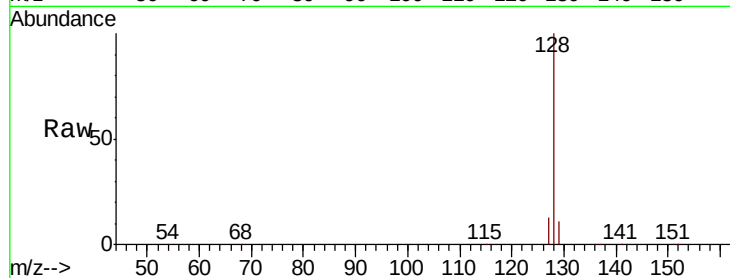
ClientSampled :

C0AC6

Tot Ion:128	Resp:	67279
Ion Ratio	Lower	Upper
128	100	
129	11.0	9.4 14.0
127	12.9	10.9 16.3

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#5

2-Methylnaphthalene

Concen: 0.452 ng/ul

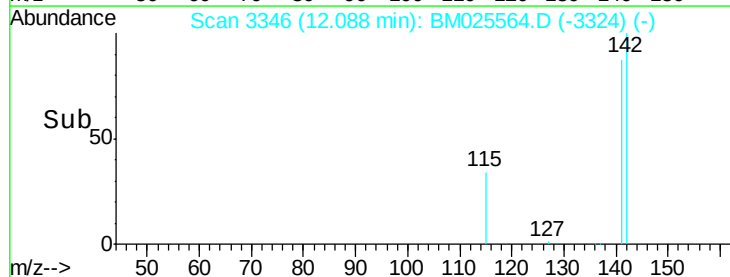
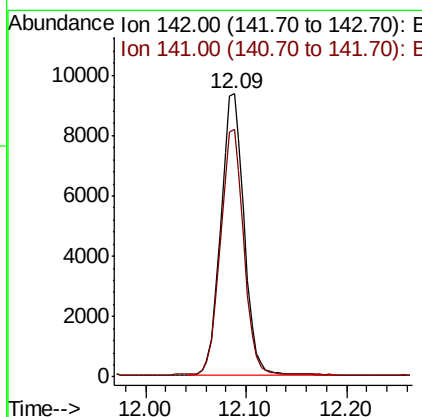
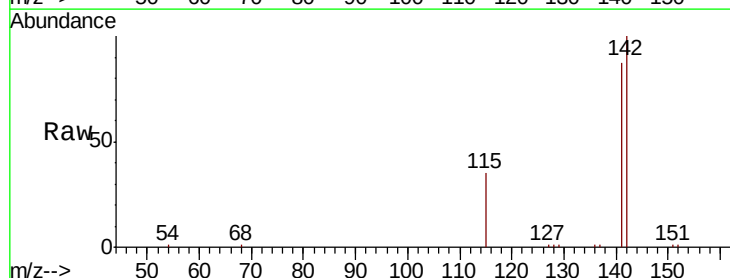
RT: 12.09 min Scan# 3346

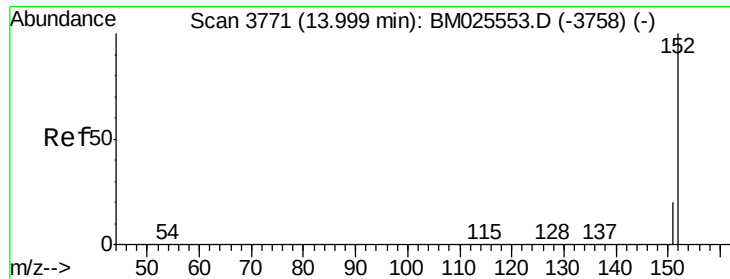
Delta R.T. 0.00 min

Lab File: BM025564.D

Acq: 14 Mar 2020 05:38

Tgt Ion:142	Resp:	14840
Ion Ratio	Lower	Upper
142	100	
141	87.4	69.8 104.6





#7

Acenaphthylene

Concen: 0.679 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. 0.00 min

Lab File: BM025564.D

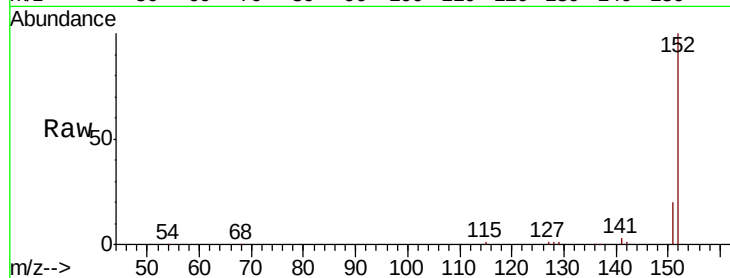
Acq: 14 Mar 2020 05:38

Instrument :

BNA_M

ClientSampleId :

C0AC6



Tot Ion:152 Resp: 28498

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

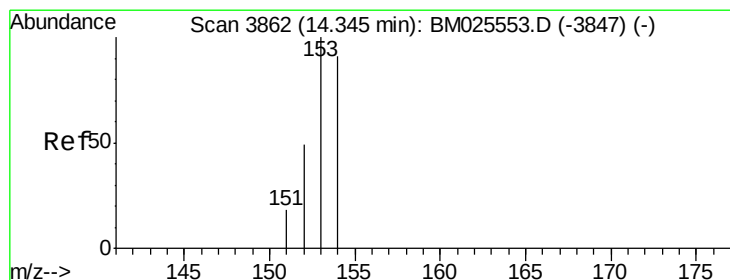
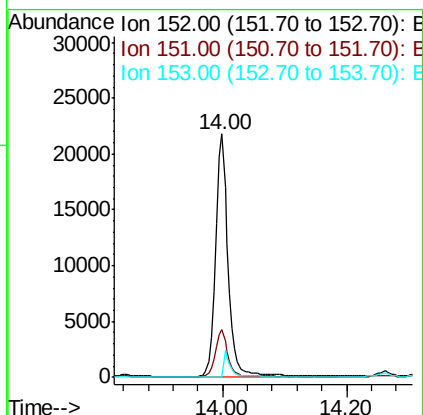
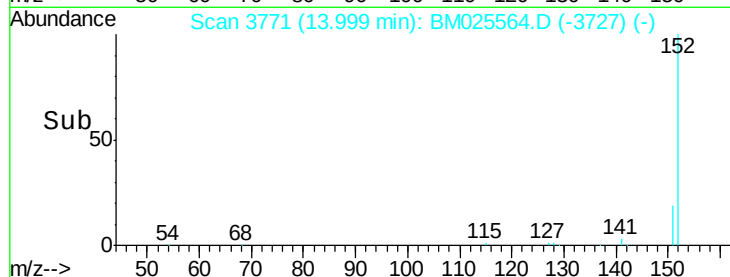
153 0.0 10.6 16.0#

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#8

Acenaphthene

Concen: 0.084 ng/ul

RT: 14.34 min Scan# 3861

Delta R.T. -0.00 min

Lab File: BM025564.D

Acq: 14 Mar 2020 05:38

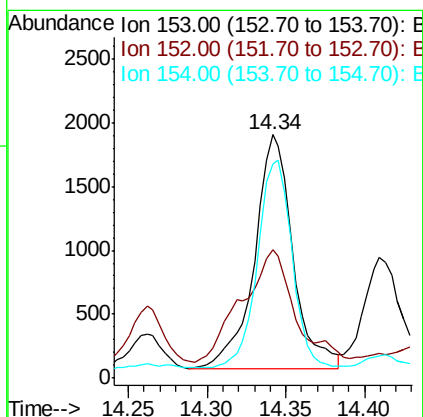
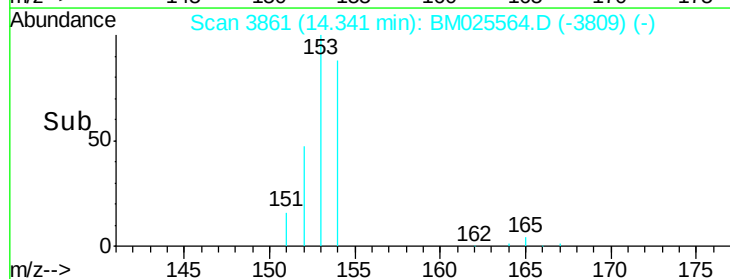
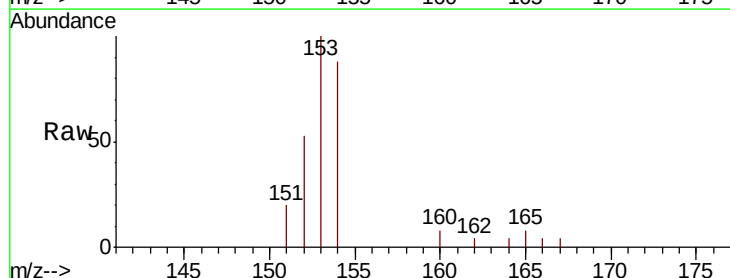
Tgt Ion:153 Resp: 3099

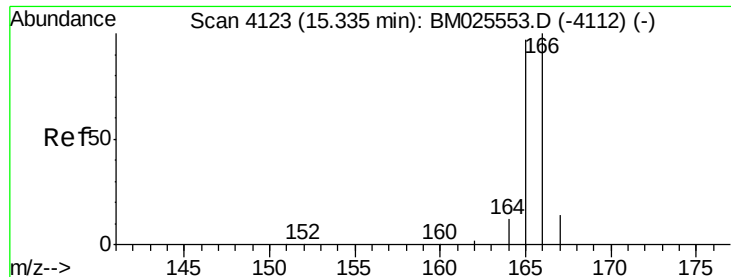
Ion Ratio Lower Upper

153 100

152 52.7 39.5 59.3

154 88.1 71.7 107.5





#9

Fluorene

Concen: 0.611 ng/ul

RT: 15.33 min Scan# 4122

Delta R.T. -0.00 min

Lab File: BM025564.D

Acq: 14 Mar 2020 05:38

Instrument :

BNA_M

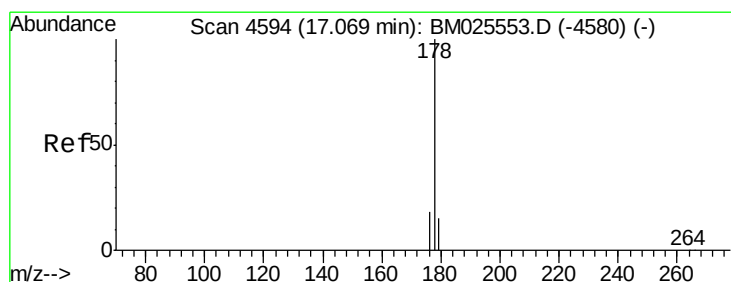
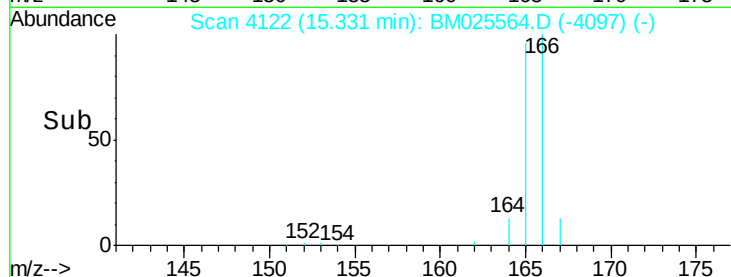
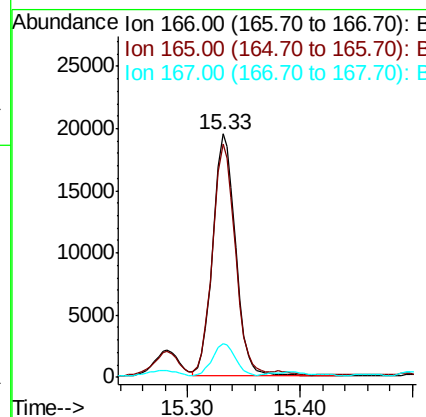
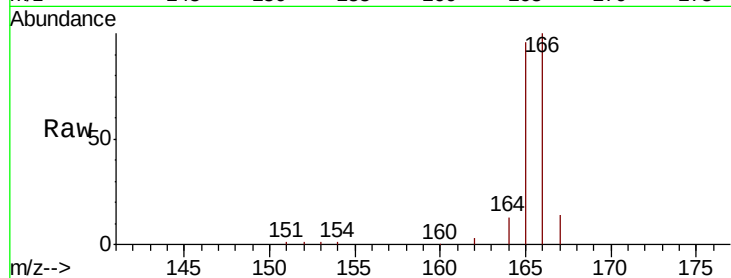
ClientSampleId :

C0AC6

Tot Ion:	166	Resp:	27401
Ion	Ratio	Lower	Upper
166	100		
165	96.0	76.8	115.2
167	14.1	11.2	16.8

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#12

Phenanthrene

Concen: 3.526 ng/ul

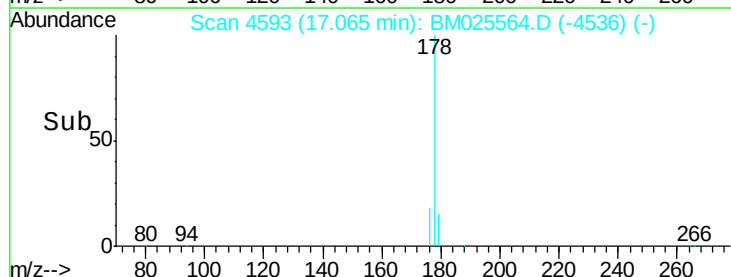
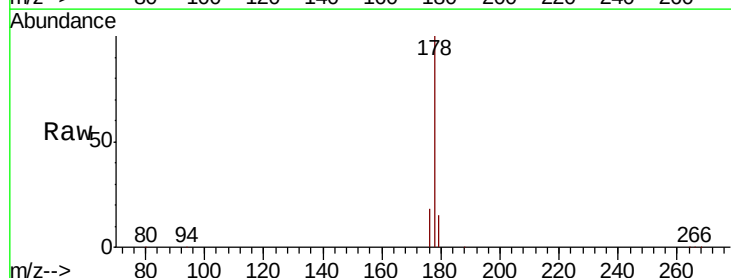
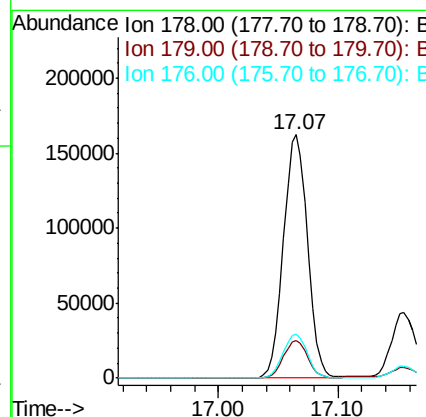
RT: 17.07 min Scan# 4593

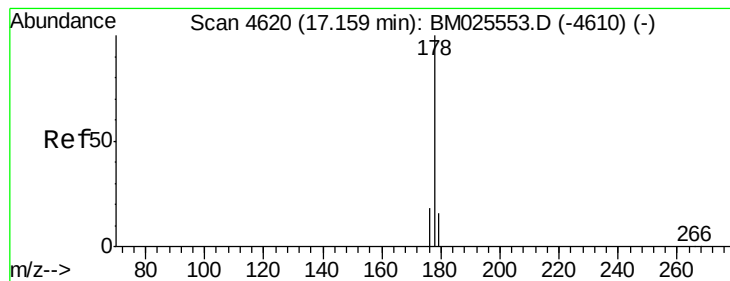
Delta R.T. -0.00 min

Lab File: BM025564.D

Acq: 14 Mar 2020 05:38

Tgt Ion:	178	Resp:	225641
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.2	14.8	22.2





#13

Anthracene

Concen: 1.080 ng/ul

RT: 17.16 min Scan# 4619

Delta R.T. -0.00 min

Lab File: BM025564.D

Acq: 14 Mar 2020 05:38

Instrument :

BNA_M

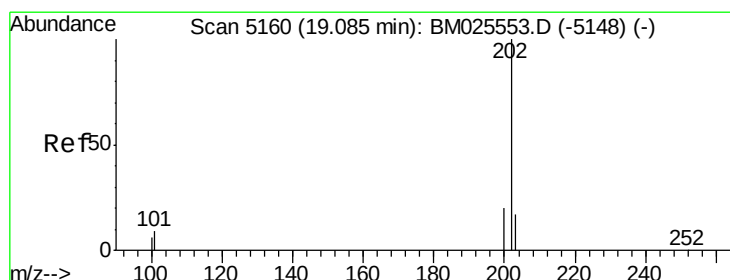
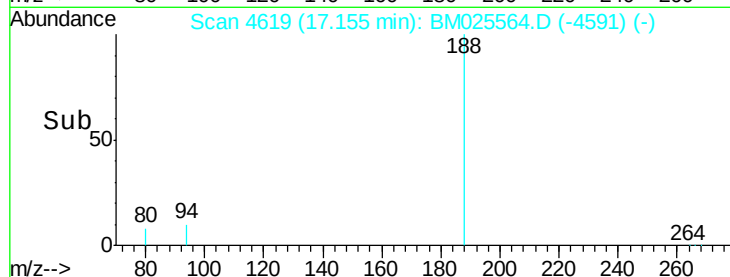
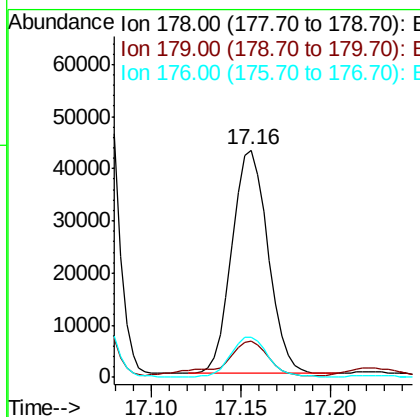
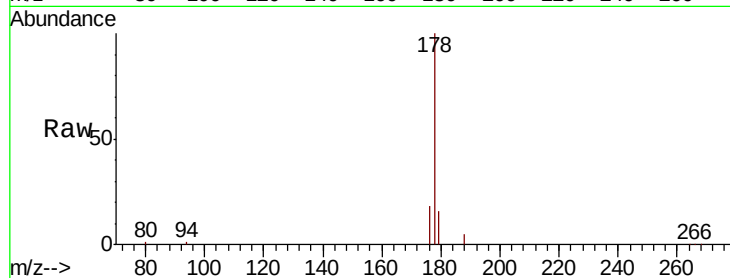
ClientSampleId :

C0AC6

Tot Ion:	178	Resp:	60127
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.6	18.8
176	17.8	14.5	21.7

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#15

Fluoranthene

Concen: 4.437 ng/ul

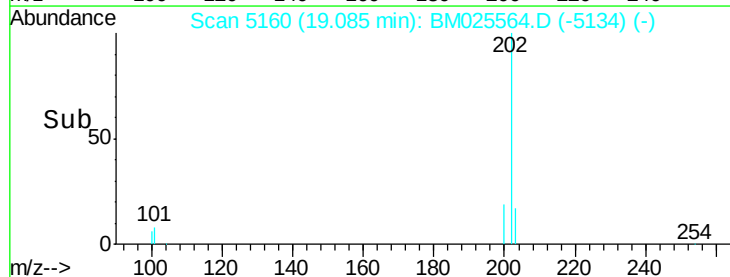
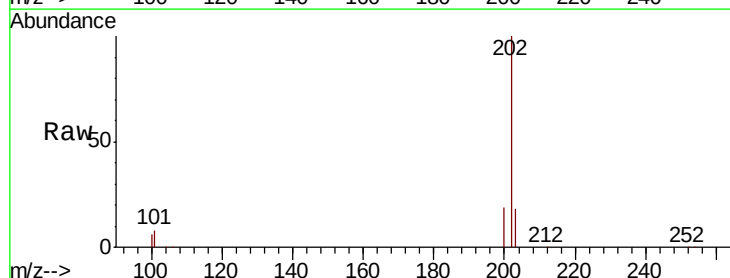
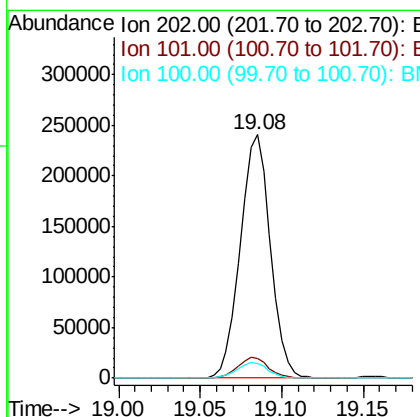
RT: 19.08 min Scan# 5160

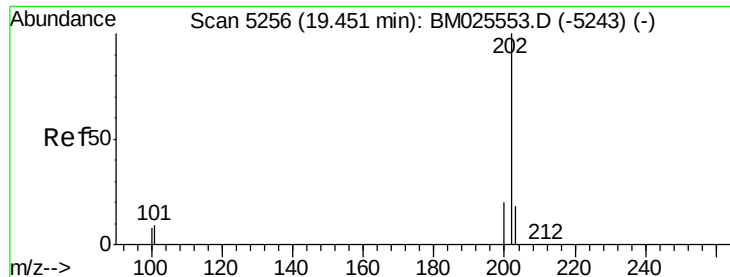
Delta R.T. 0.00 min

Lab File: BM025564.D

Acq: 14 Mar 2020 05:38

Tgt Ion:	202	Resp:	307748
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	27.5
100	6.2	0.0	26.0





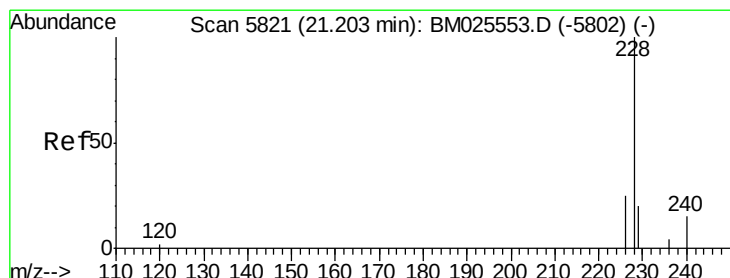
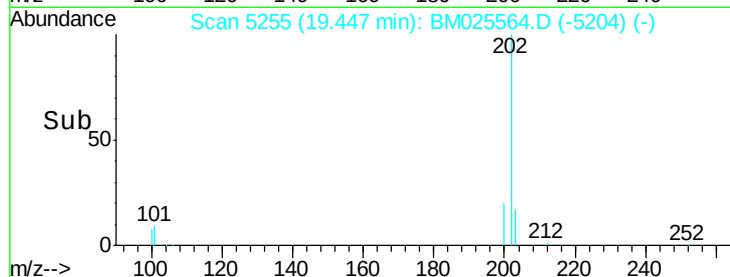
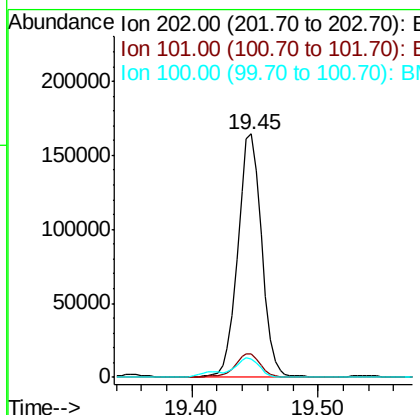
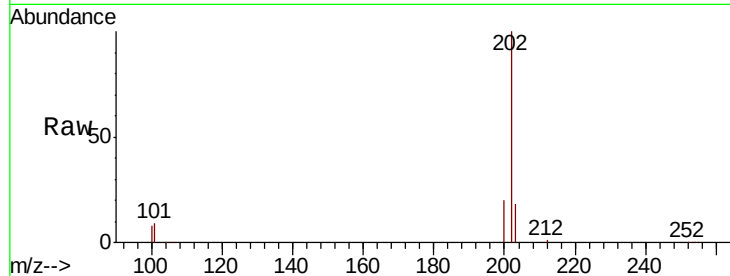
#17
Pvrene
Concen: 3.060 ng/ul
RT: 19.45 min Scan# 5255
Delta R.T. -0.00 min
Lab File: BM025564.D
Acq: 14 Mar 2020 05:38

Instrument :
BNA_M
ClientSampled :
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Tot Ion	Ratio	Resp	Lower	Upper
202	100	214466		
101	9.4		7.1	10.7
100	7.6		6.0	9.0

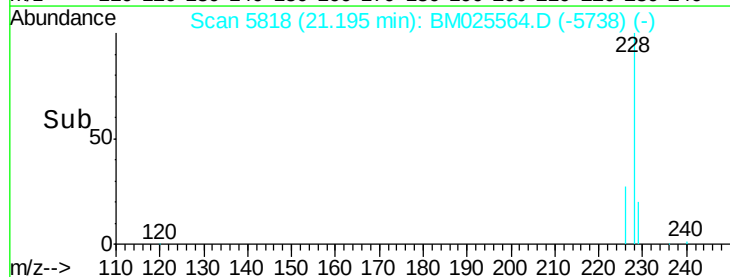
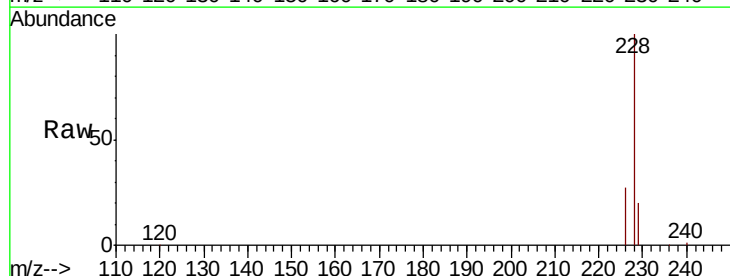
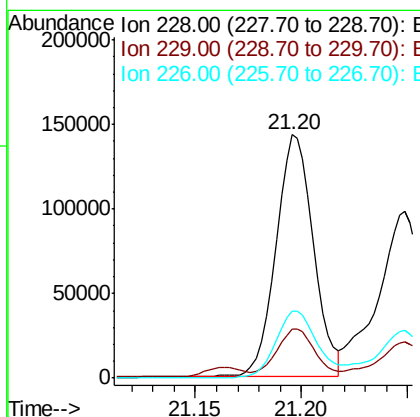
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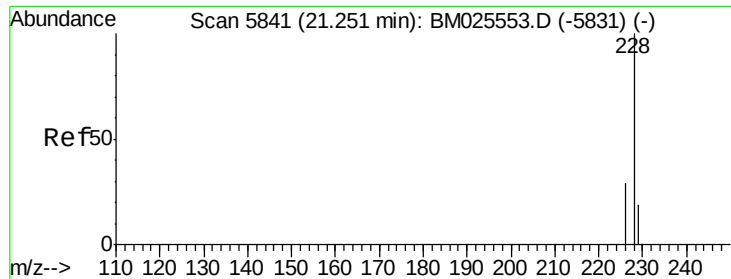
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#18
Benzo(a)anthracene
Concen: 3.159 ng/ul
RT: 21.20 min Scan# 5818
Delta R.T. -0.01 min
Lab File: BM025564.D
Acq: 14 Mar 2020 05:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	176350		
229	20.0		15.6	23.4
226	27.5		21.1	31.7





#19

Chrysene

Concen: 2.287 ng/ul

RT: 21.25 min Scan# 5840

Delta R.T. -0.00 min

Lab File: BM025564.D

Acq: 14 Mar 2020 05:38

Instrument :

BNA_M

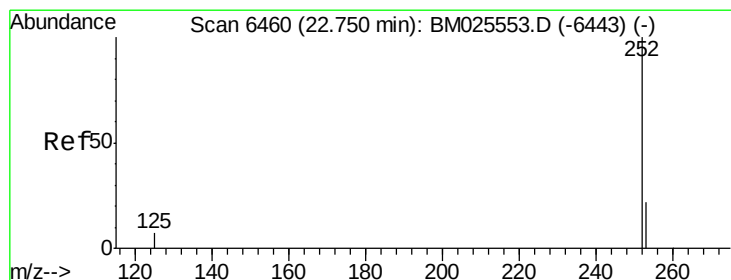
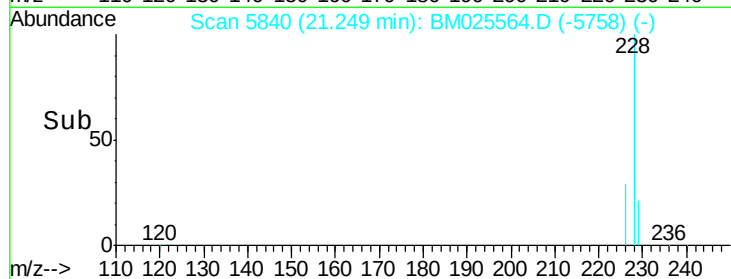
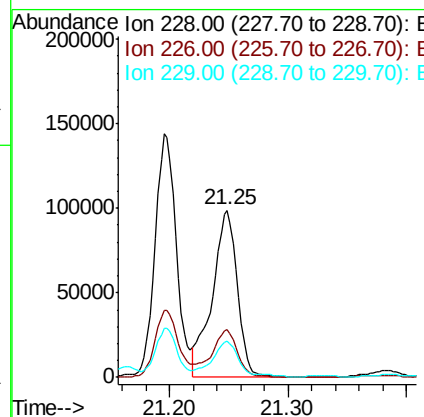
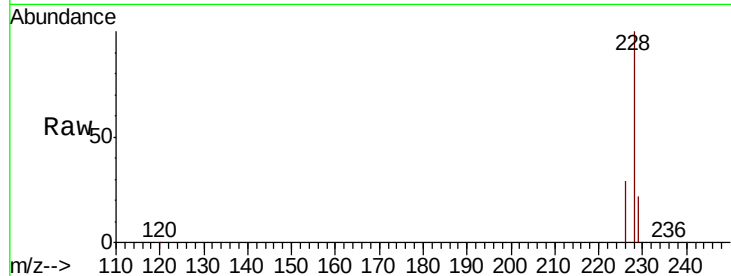
ClientSampleId :

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Tot Ion:	228	Resp:	143394
Ion Ratio	Lower	Upper	
228	100		
226	28.8	23.6	35.4
229	21.7	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 2.840 ng/ul m

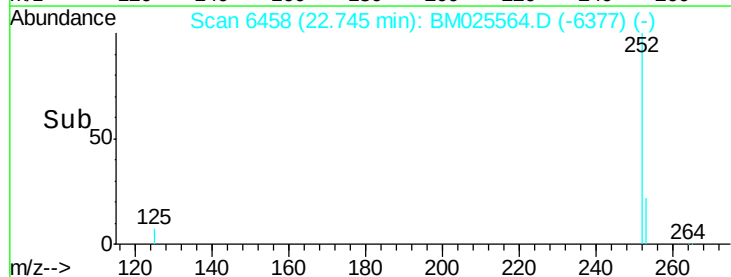
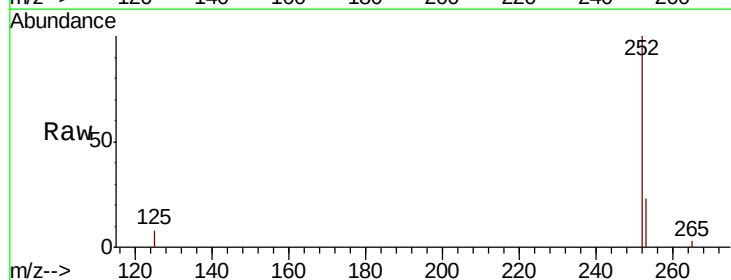
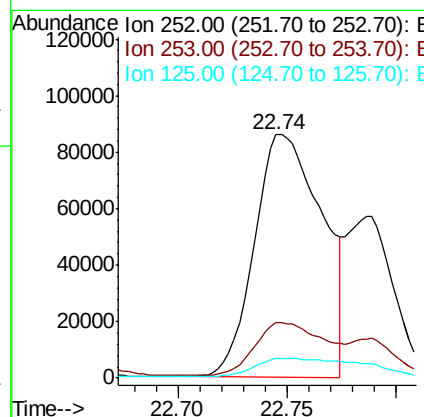
RT: 22.74 min Scan# 6458

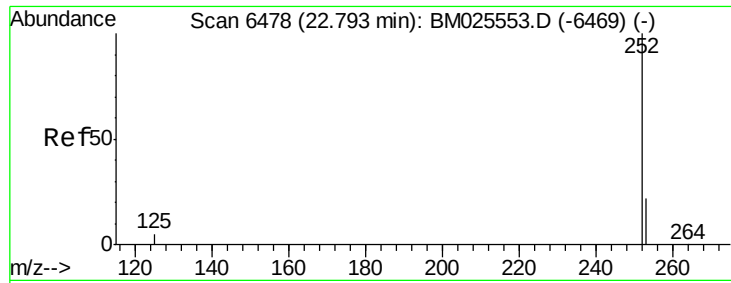
Delta R.T. -0.00 min

Lab File: BM025564.D

Acq: 14 Mar 2020 05:38

Tgt Ion:	252	Resp:	185042
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	50.2
125	7.9	0.0	17.6





#22

Benzo(k)fluoranthene

Concen: 1.243 ng/ul m

RT: 22.79 min Scan# 6475

Delta R.T. -0.01 min

Lab File: BM025564.D

Acq: 14 Mar 2020 05:38

Instrument :

BNA_M

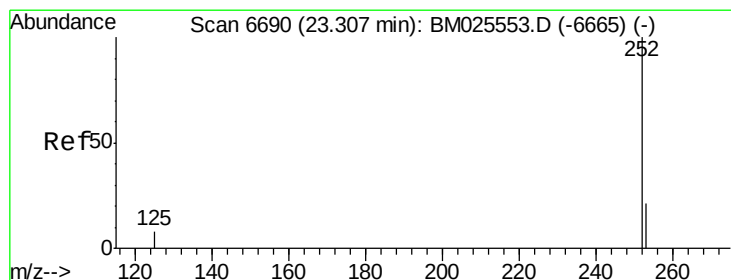
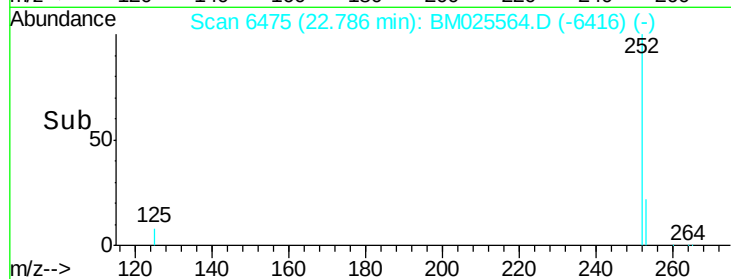
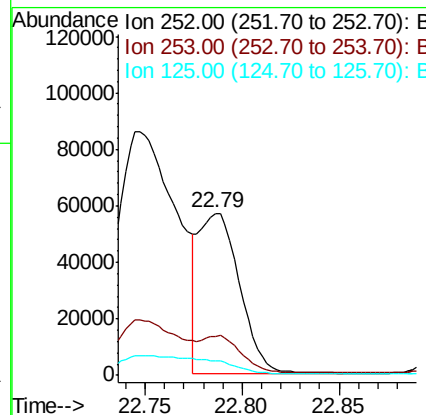
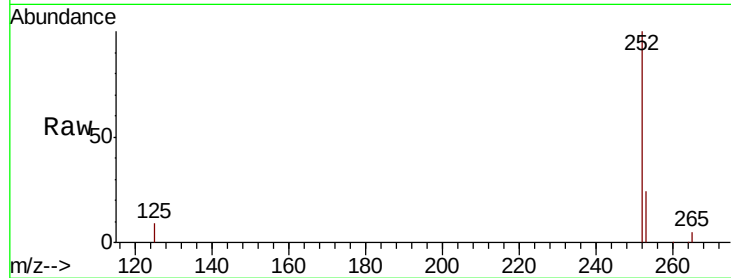
ClientSampled :

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Tot Ion:	252	Resp:	84837
Ion Ratio	Lower	Upper	
252	100		
253	24.4	19.8	29.8
125	9.0	7.1	10.7

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#23

Benzo(a)pyrene

Concen: 1.897 ng/ul

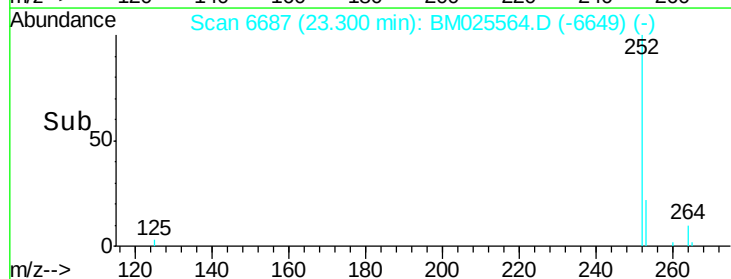
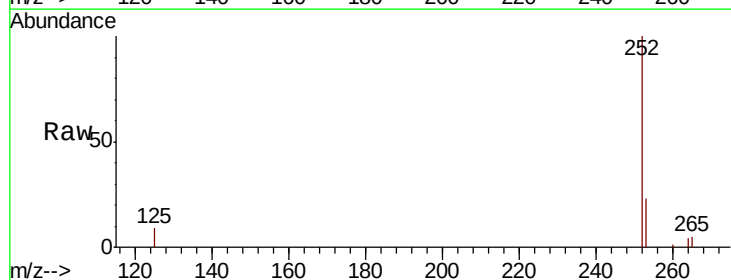
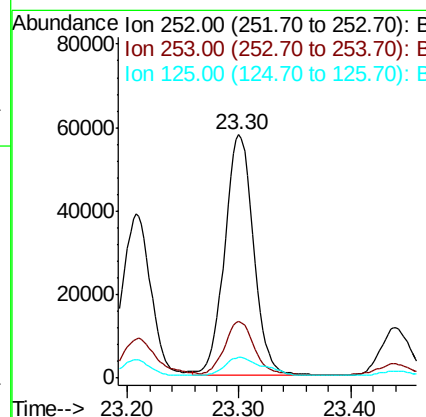
RT: 23.30 min Scan# 6687

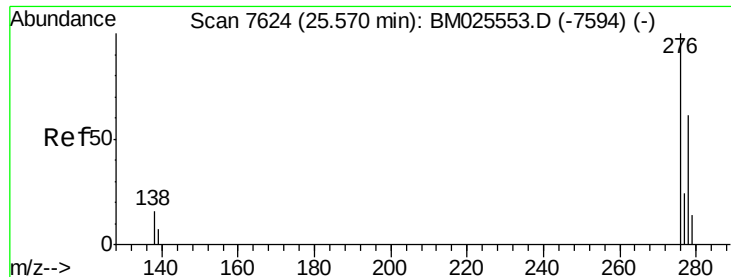
Delta R.T. -0.01 min

Lab File: BM025564.D

Acq: 14 Mar 2020 05:38

Tgt Ion:	252	Resp:	102638
Ion Ratio	Lower	Upper	
252	100		
253	23.4	21.3	31.9
125	8.7	8.5	12.7





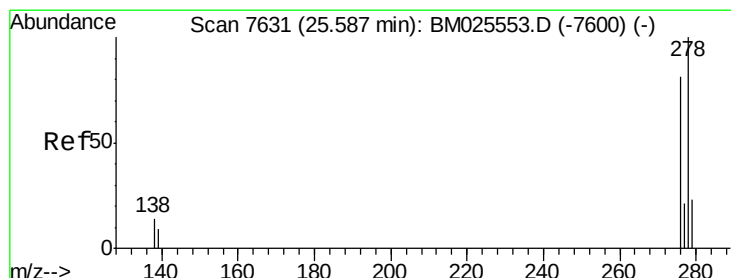
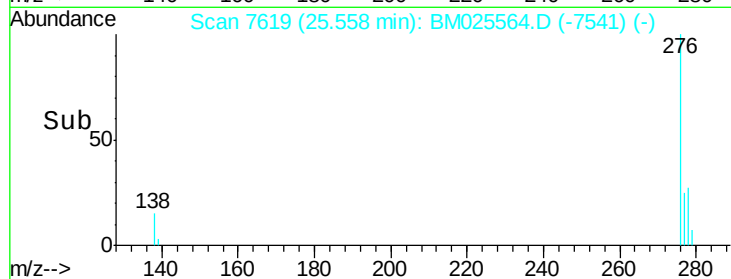
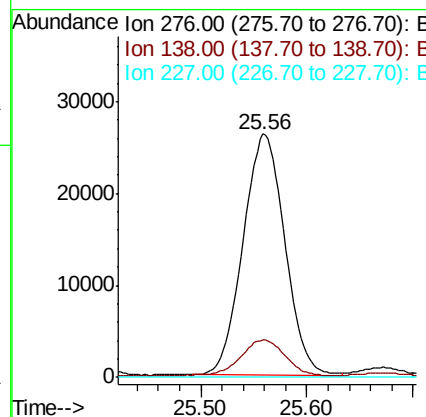
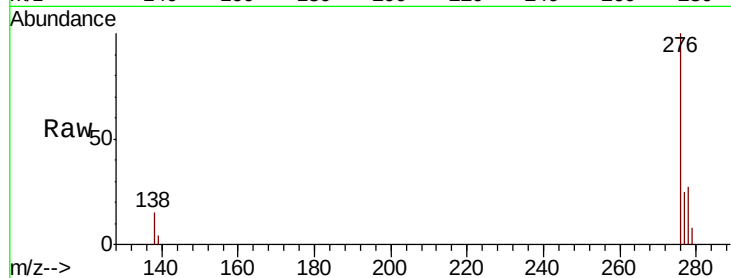
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.957 ng/ul
 RT: 25.56 min Scan# 7619
 Delta R.T. -0.01 min
 Lab File: BM025564.D
 Acq: 14 Mar 2020 05:38

Instrument :
 BNA_M
 ClientSampleId :
 C0AC6

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.0	12.3	18.5
227	0.0	0.0	0.0

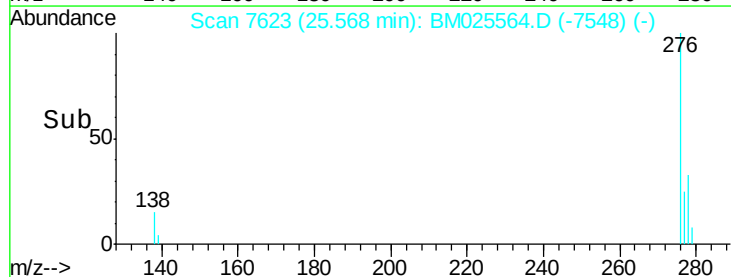
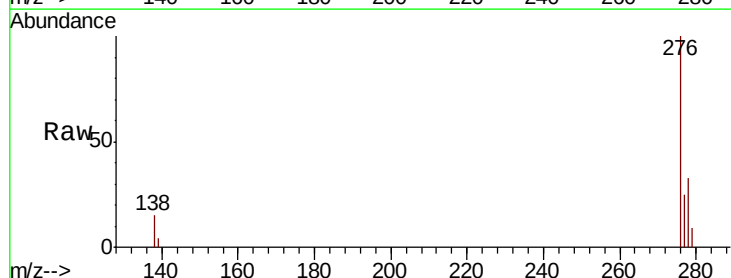
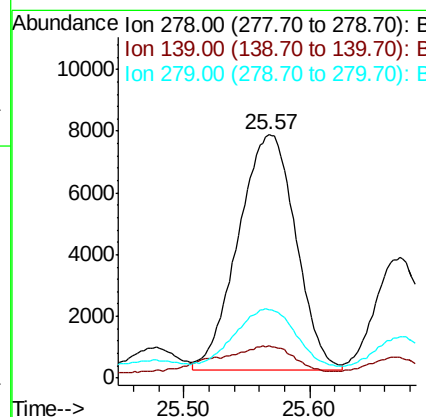
Manual Integrations
 APPROVED

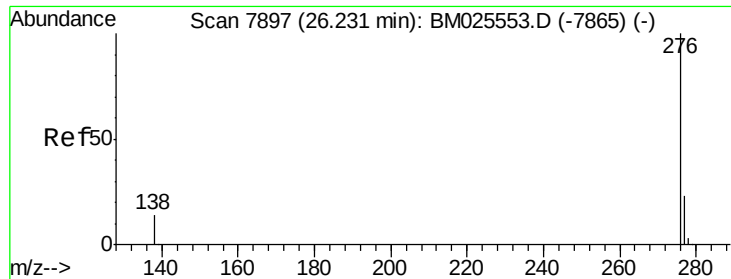
mohammad
 3/16/2020 1:52:58 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.394 ng/ul
 RT: 25.57 min Scan# 7623
 Delta R.T. -0.02 min
 Lab File: BM025564.D
 Acq: 14 Mar 2020 05:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.2	9.0	13.6
279	28.2	21.1	31.7





#26

Benzo(a,h,i)perylene

Concen: 0.599 ng/ul

RT: 26.22 min Scan# 7892

Delta R.T. -0.01 min

Lab File: BM025564.D

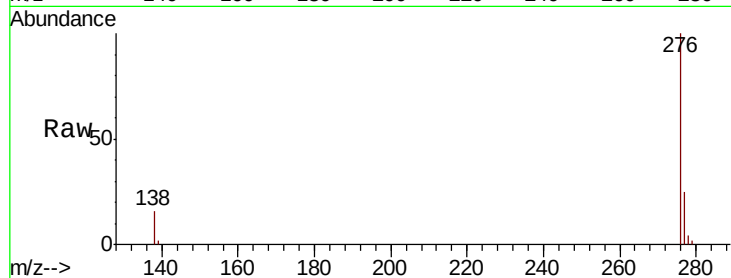
Acq: 14 Mar 2020 05:38

Instrument :

BNA_M

ClientSampleId :

C0AC6



Tot Ion:	276	Resp:	38134
Ion Ratio	Lower	Upper	
276	100		
138	15.8	11.0	16.4
277	24.6	19.8	29.6

Manual Integrations
APPROVED

mohammad
3/16/2020 1:52:58 PM

