

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120319\
 Data File : BN008832.D
 Acq On : 03 Dec 2019 15:31
 Operator : JU
 Sample : K5854-05DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC3DL

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Quant Time: Dec 03 16:04:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 11:01:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	5488	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	22292	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	13399	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	24939	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	16697	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	15939	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	1337	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	3052	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.39	128	61228	0.911	ng/ul	99
5) 2-Methylnaphthalene	12.01	142	62413	1.330	ng/ul	100
7) Acenaphthylene	13.93	152	7036	0.095	ng/ul#	70
8) Acenaphthene	14.27	153	25411	0.462	ng/ul	100
9) Fluorene	15.27	166	40164	0.622	ng/ul#	95
12) Phenanthrene	17.00	178	476324	5.663	ng/ul	99
13) Anthracene	17.09	178	130320	1.640	ng/ul	97
15) Fluoranthene	19.02	202	719758	6.966	ng/ul	100
17) Pyrene	19.39	202	670711	10.013	ng/ul	99
18) Benzo(a)anthracene	21.15	228	299099	4.454	ng/ul	96
19) Chrysene	21.20	228	285014m	4.322	ng/ul	
21) Benzo(b)fluoranthene	22.69	252	354038m	5.387	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	136679m	2.097	ng/ul	
23) Benzo(a)pyrene	23.23	252	243351	3.945	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.46	276	146618	2.032	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.47	278	36973	0.634	ng/ul#	60
26) Benzo(g,h,i)perylene	26.11	276	143072	2.370	ng/ul	99

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

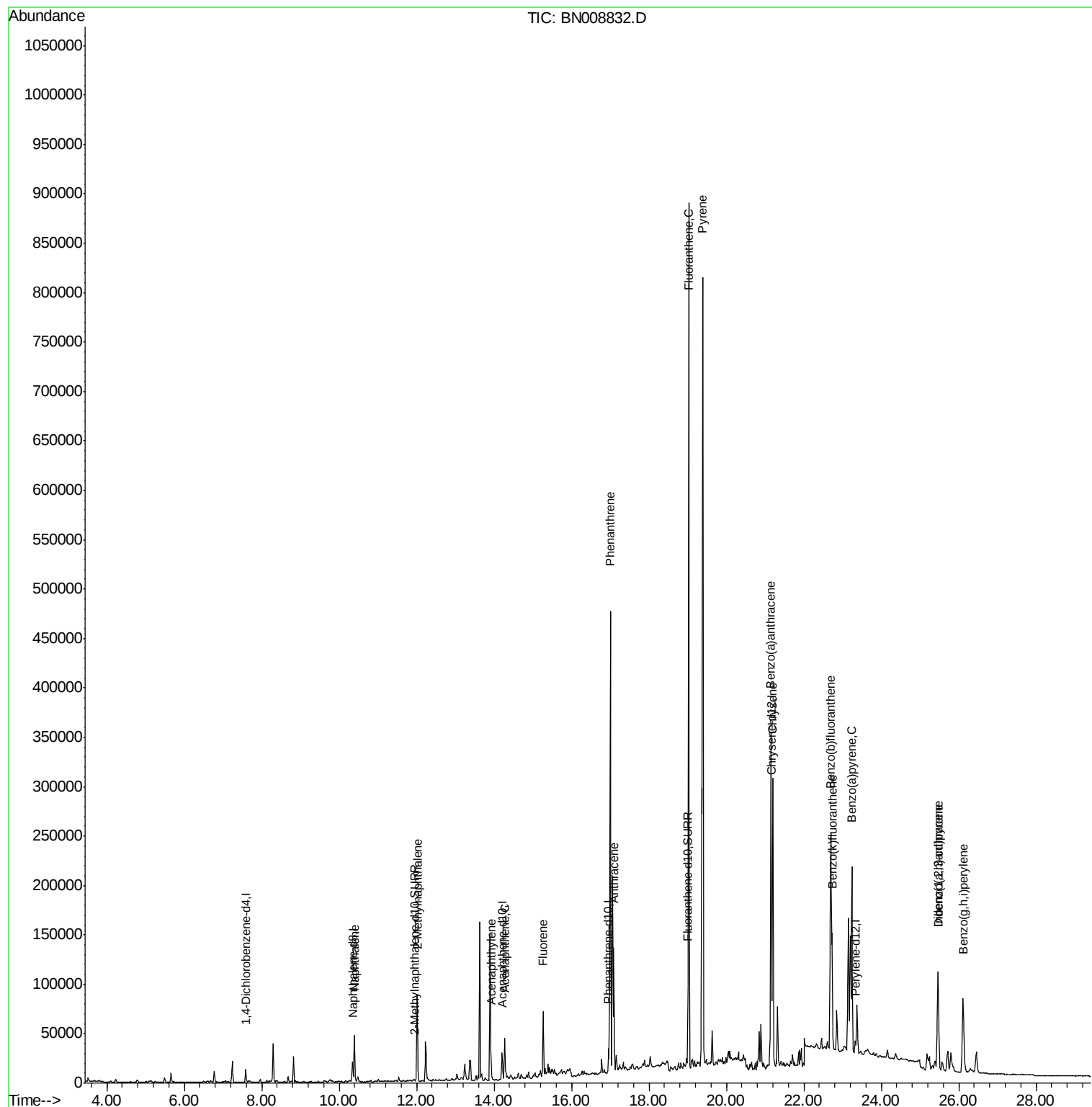
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120319\
Data File : BN008832.D
Acq On : 03 Dec 2019 15:31
Operator : JU
Sample : K5854-05DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

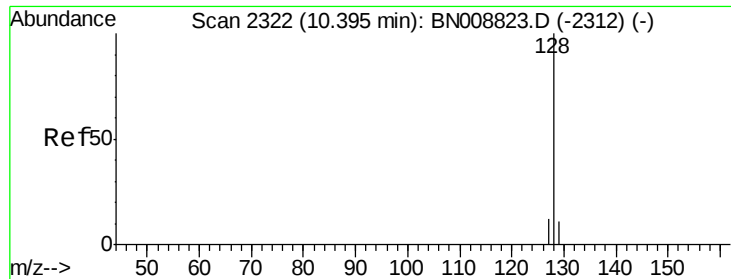
Instrument :
BNA_N
ClientSampleId :
C0AC3DL

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Quant Time: Dec 03 16:04:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 11:01:18 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.911 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. 0.00 min

Lab File: BN008832.D

Acq: 03 Dec 2019 15:31

Instrument :

BNA_N

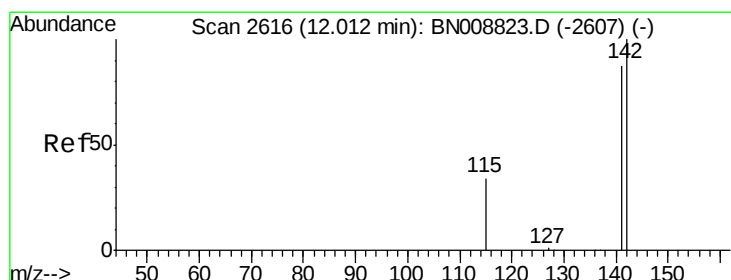
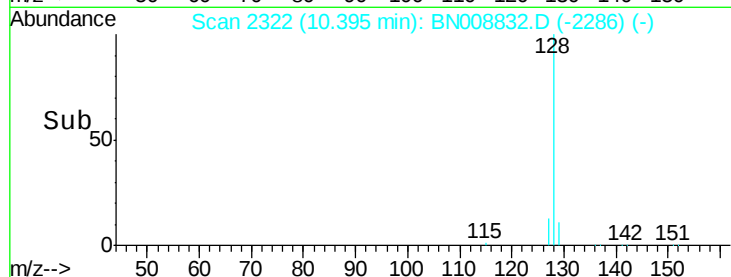
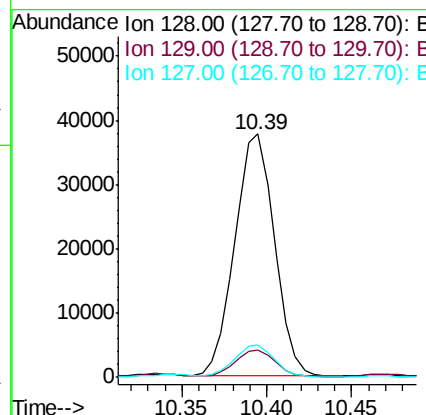
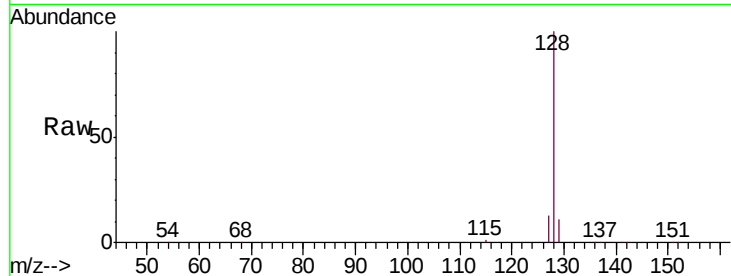
ClientSampleId :

C0AC3DL

Tgt Ion:	128	Resp:	61228
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.1	13.7
127	13.1	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 1.330 ng/ul

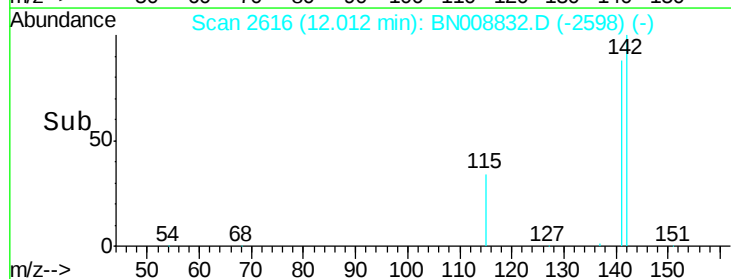
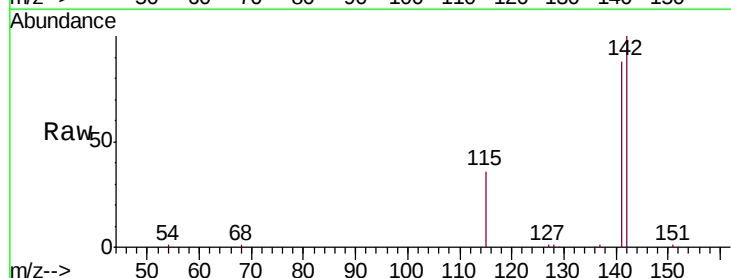
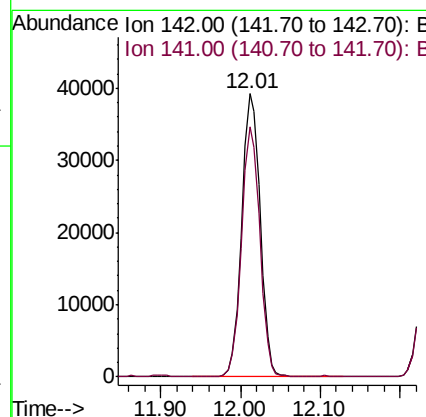
RT: 12.01 min Scan# 2616

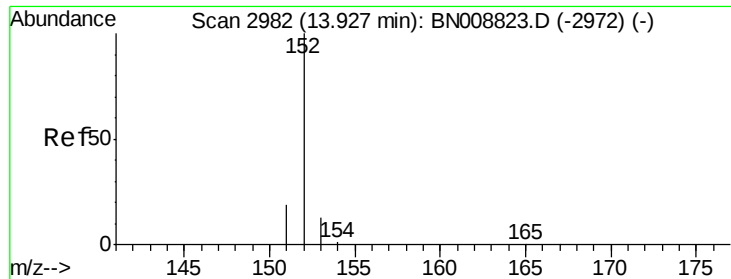
Delta R.T. 0.00 min

Lab File: BN008832.D

Acq: 03 Dec 2019 15:31

Tgt Ion:	142	Resp:	62413
Ion Ratio	Lower	Upper	
142	100		
141	87.5	70.1	105.1





#7

Acenaphthylene

Concen: 0.095 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BN008832.D

Acq: 03 Dec 2019 15:31

Instrument :

BNA_N

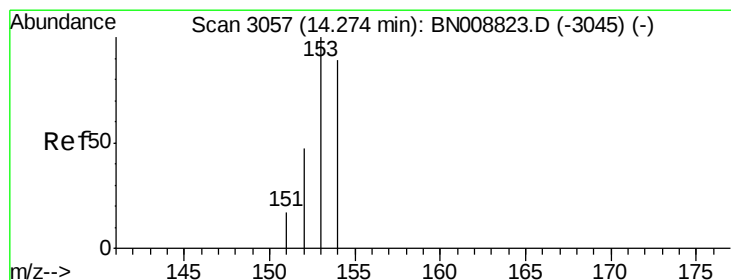
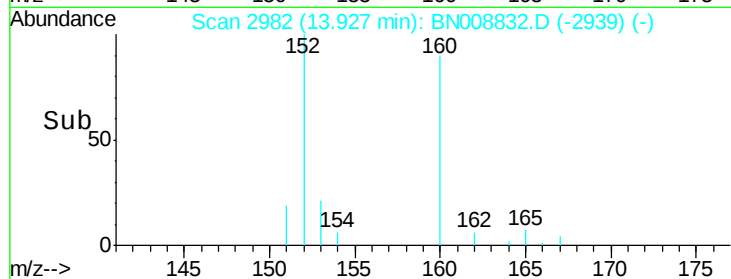
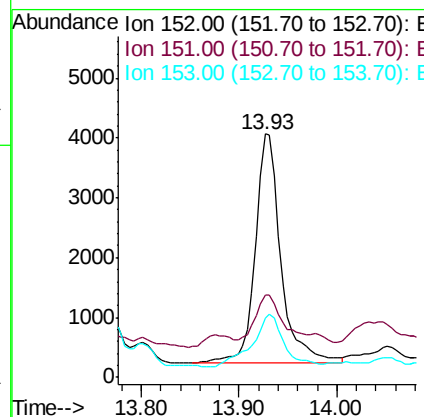
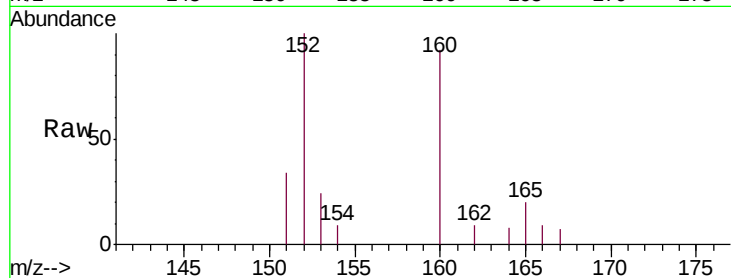
ClientSampled :

C0AC3DL

Tgt Ion:	152	Resp:	7036
Ion Ratio	Lower	Upper	
152	100		
151	33.9	15.8	23.6#
153	24.3	10.6	15.8#

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#8

Acenaphthene

Concen: 0.462 ng/ul

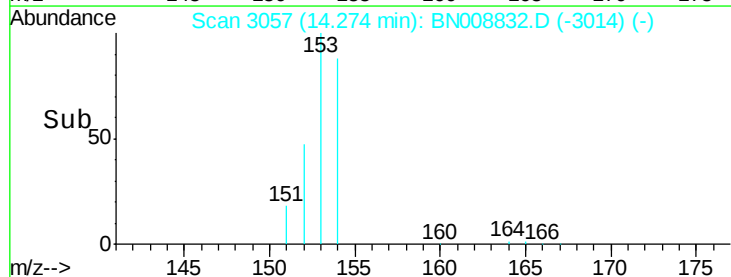
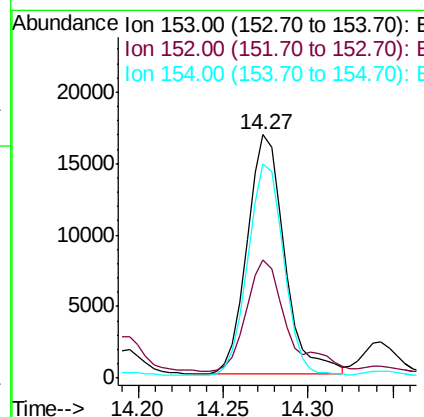
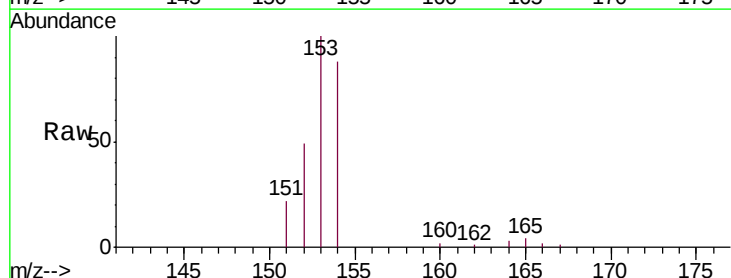
RT: 14.27 min Scan# 3057

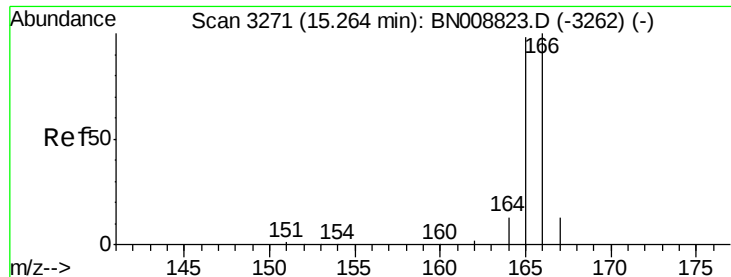
Delta R.T. 0.00 min

Lab File: BN008832.D

Acq: 03 Dec 2019 15:31

Tgt Ion:	153	Resp:	25411
Ion Ratio	Lower	Upper	
153	100		
152	48.6	38.6	58.0
154	87.8	70.6	105.8





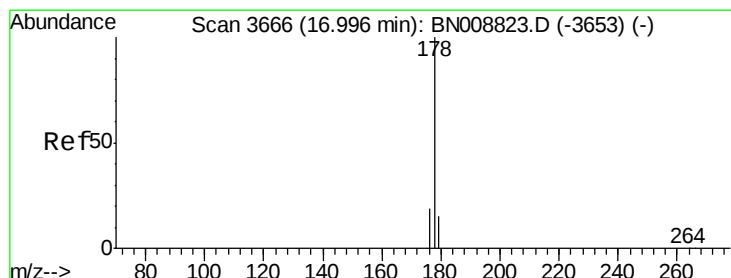
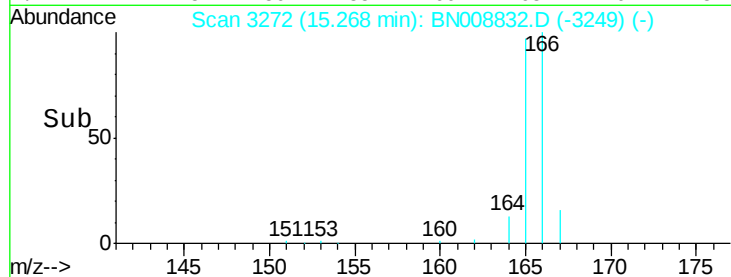
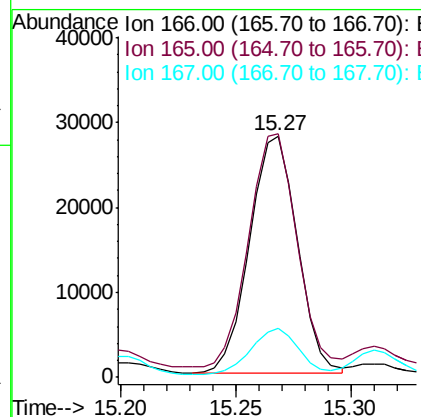
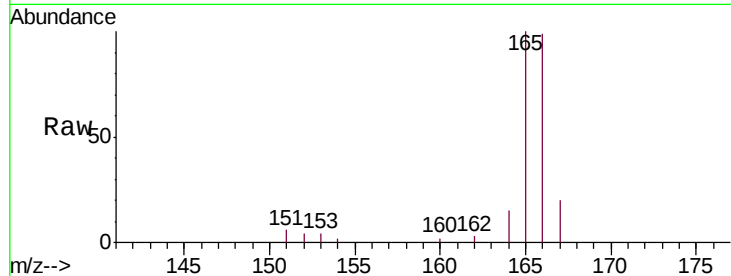
#9
Fluorene
 Concen: 0.622 ng/ul
 RT: 15.27 min Scan# 3272
 Delta R.T. 0.00 min
 Lab File: BN008832.D
 Acq: 03 Dec 2019 15:31

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.9	77.7	116.5
167	20.4	11.1	16.7#

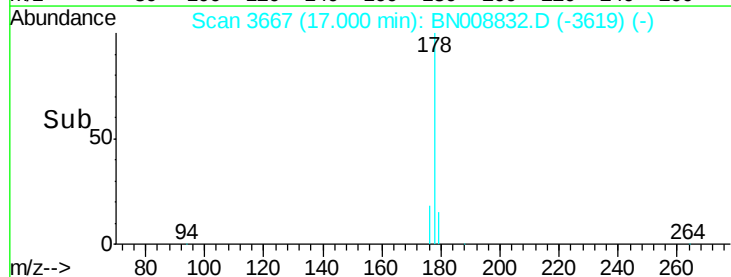
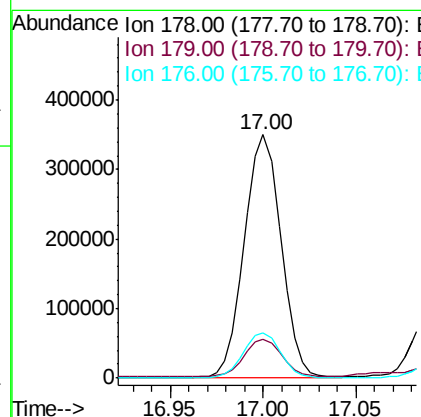
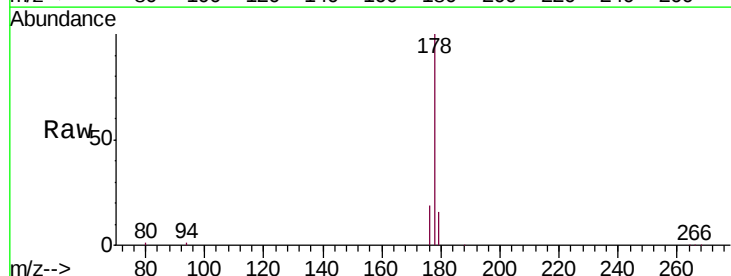
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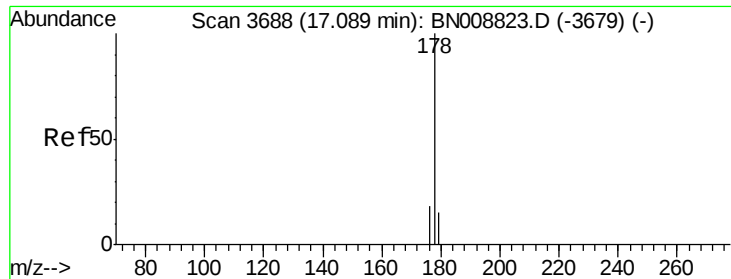
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#12
Phenanthrene
 Concen: 5.663 ng/ul
 RT: 17.00 min Scan# 3667
 Delta R.T. 0.00 min
 Lab File: BN008832.D
 Acq: 03 Dec 2019 15:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	18.8
176	18.6	15.3	22.9





#13

Anthracene

Concen: 1.640 ng/ul

RT: 17.09 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BN008832.D

Acq: 03 Dec 2019 15:31

Instrument :

BNA_N

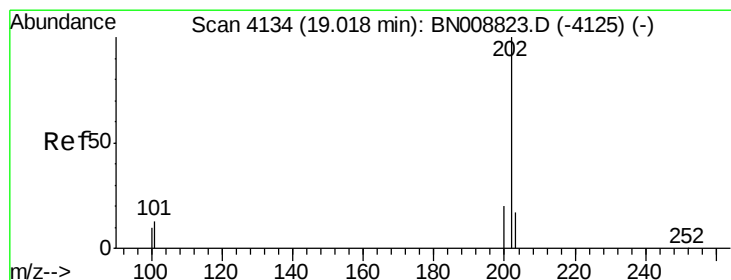
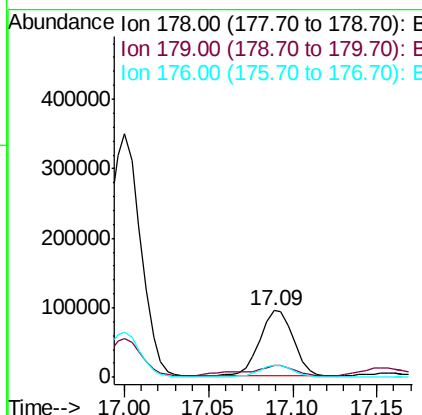
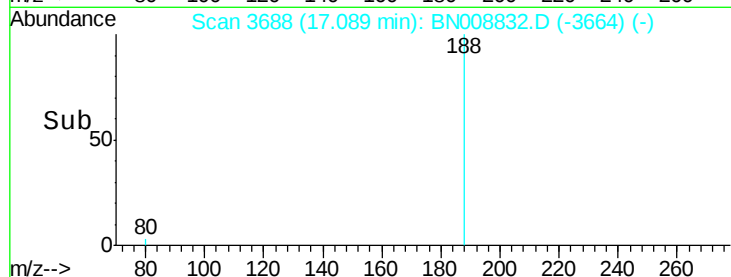
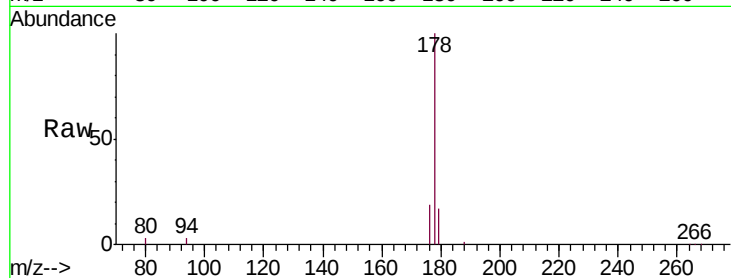
ClientSampleId :

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Tgt Ion:	178	Resp:	130320
Ion Ratio	Lower	Upper	
178	100		
179	17.4	12.2	18.4
176	18.8	14.7	22.1

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#15

Fluoranthene

Concen: 6.966 ng/ul

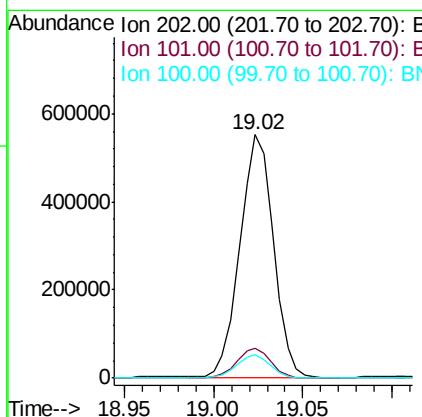
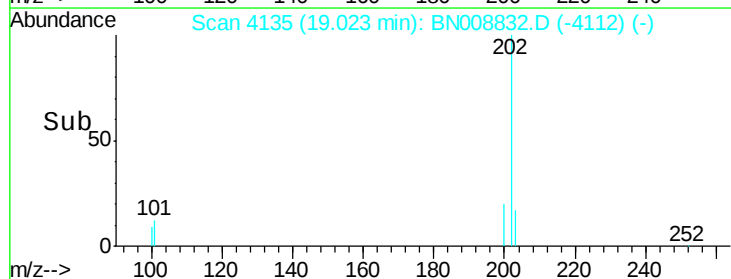
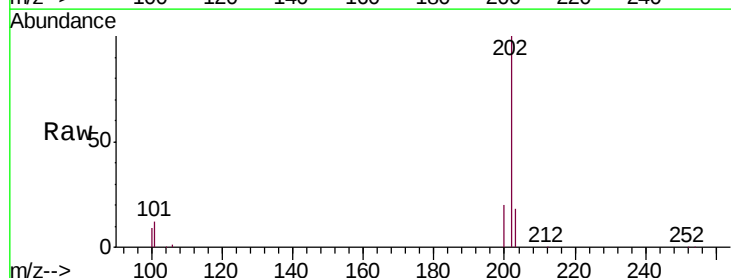
RT: 19.02 min Scan# 4135

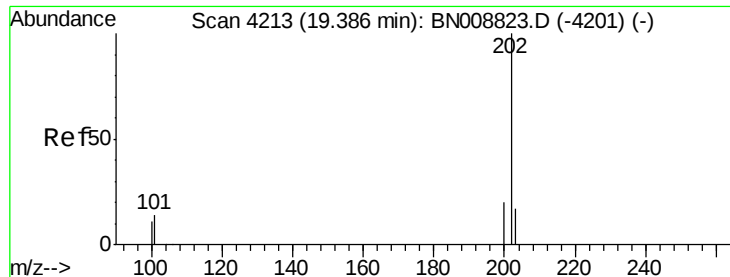
Delta R.T. 0.00 min

Lab File: BN008832.D

Acq: 03 Dec 2019 15:31

Tgt Ion:	202	Resp:	719758
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	32.4
100	9.4	0.0	29.2





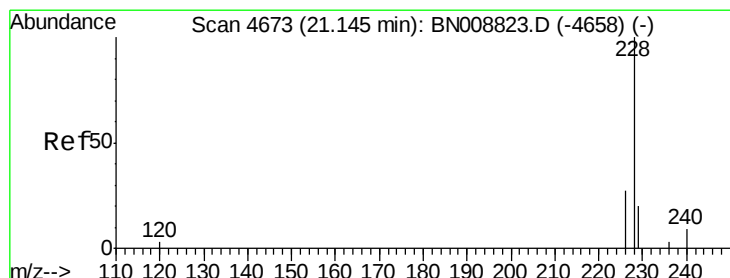
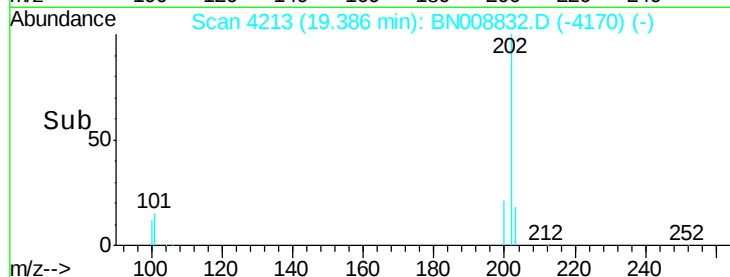
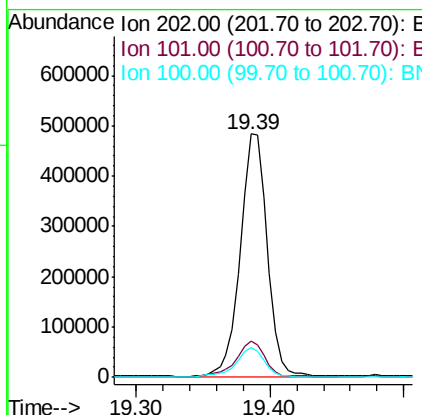
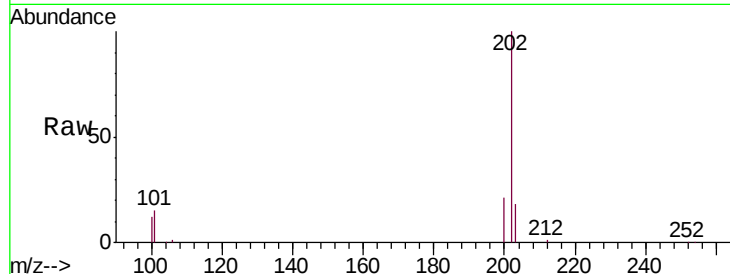
#17
Pyrene
Concen: 10.013 ng/ul
RT: 19.39 min Scan# 4213
Delta R.T. 0.00 min
Lab File: BN008832.D
Acq: 03 Dec 2019 15:31

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ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.1	12.2	18.4
100	12.2	9.5	14.3

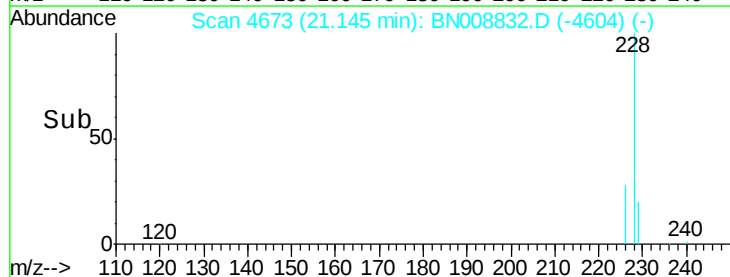
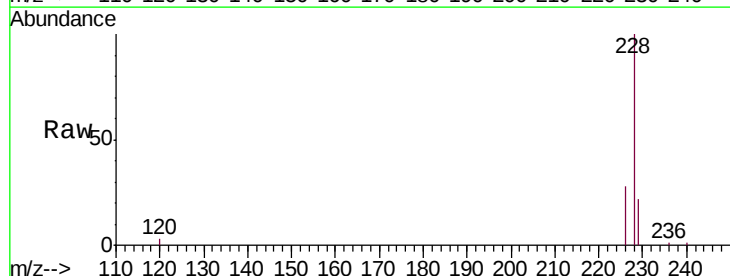
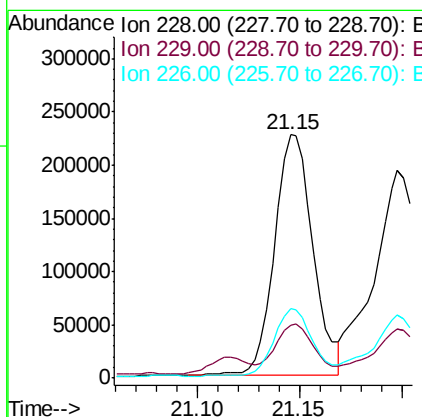
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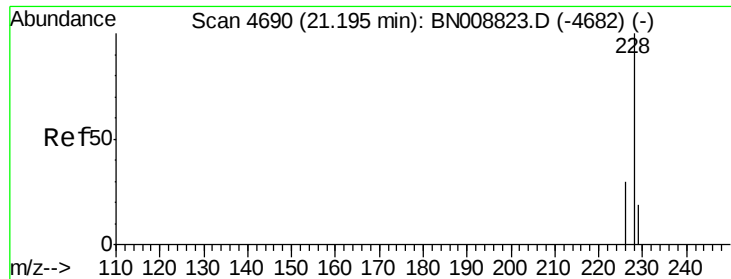
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#18
Benzo(a)anthracene
Concen: 4.454 ng/ul
RT: 21.15 min Scan# 4673
Delta R.T. 0.00 min
Lab File: BN008832.D
Acq: 03 Dec 2019 15:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.9	15.7	23.5
226	28.4	21.5	32.3





#19

Chrysene

Concen: 4.322 ng/ul m

RT: 21.20 min Scan# 4691

Delta R.T. 0.00 min

Lab File: BN008832.D

Acq: 03 Dec 2019 15:31

Instrument :

BNA_N

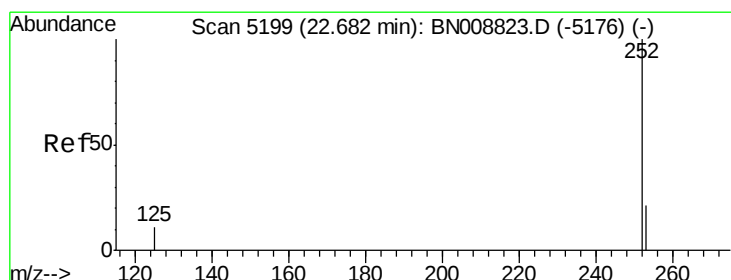
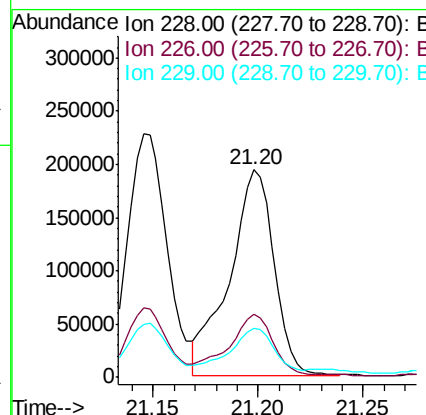
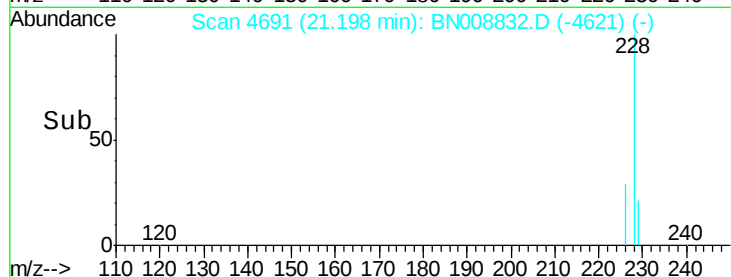
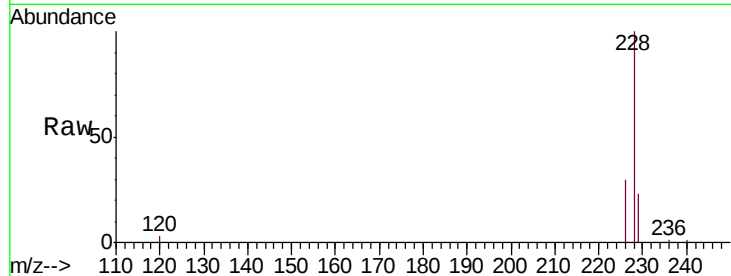
ClientSampleId :

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Tgt Ion:	228	Resp:	285014
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.8	35.6
229	23.4	15.6	23.4#

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#21

Benzo(b)fluoranthene

Concen: 5.387 ng/ul m

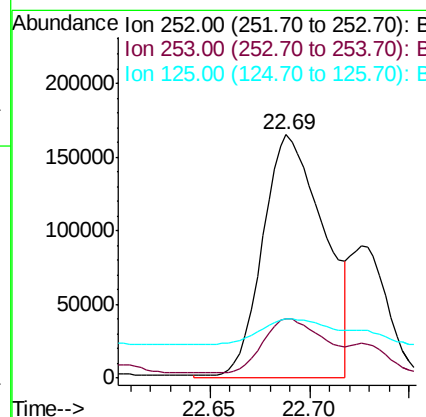
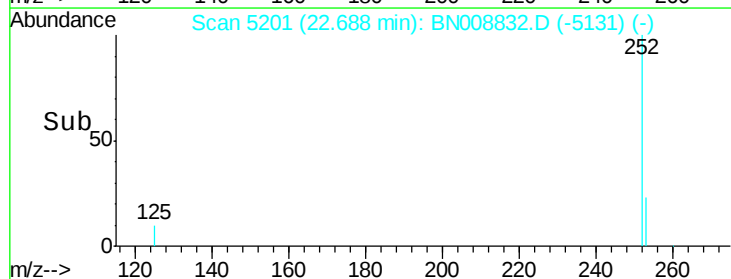
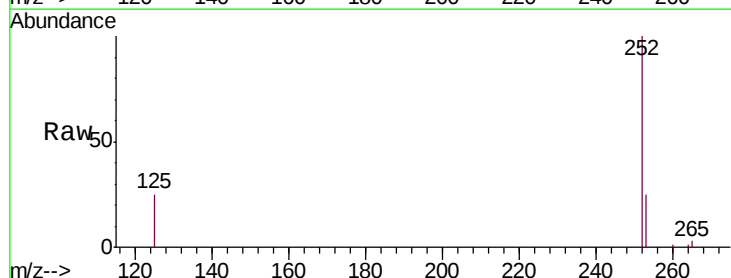
RT: 22.69 min Scan# 5201

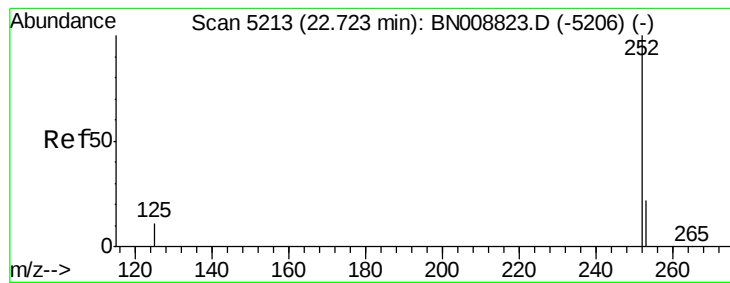
Delta R.T. 0.01 min

Lab File: BN008832.D

Acq: 03 Dec 2019 15:31

Tgt Ion:	252	Resp:	354038
Ion Ratio	Lower	Upper	
252	100		
253	24.6	0.0	48.6
125	24.5	0.0	31.6





#22

Benzo(k)fluoranthene

Concen: 2.097 ng/ul

RT: 22.73 min Scan# 5214

Delta R.T. 0.00 min

Lab File: BN008832.D

Acq: 03 Dec 2019 15:31

Instrument :

BNA_N

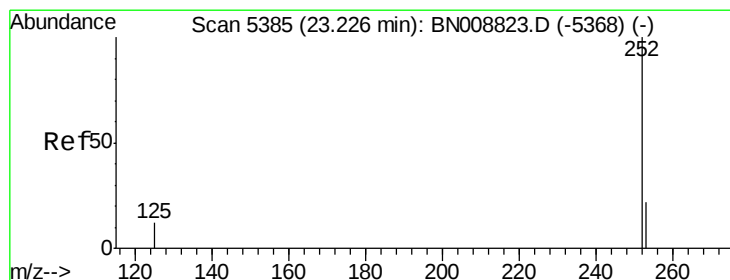
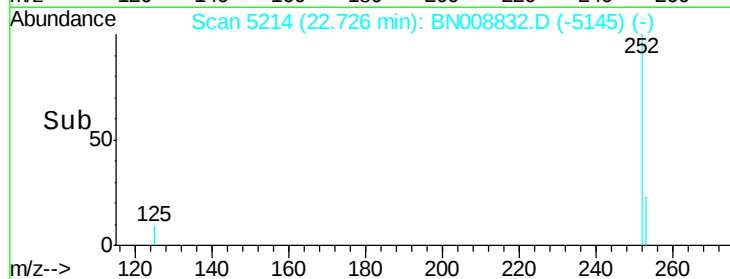
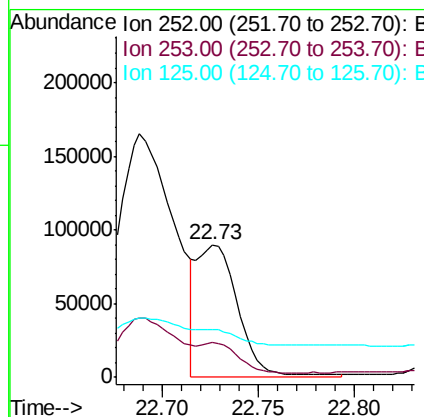
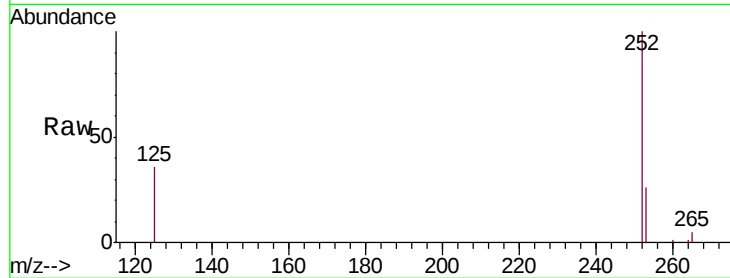
ClientSampleId :

C0AC3DL

Tgt Ion:	252	Resp:	136679
Ion Ratio	Lower	Upper	
252	100		
253	26.1	19.6	29.4
125	36.2	13.8	20.6

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#23

Benzo(a)pyrene

Concen: 3.945 ng/ul

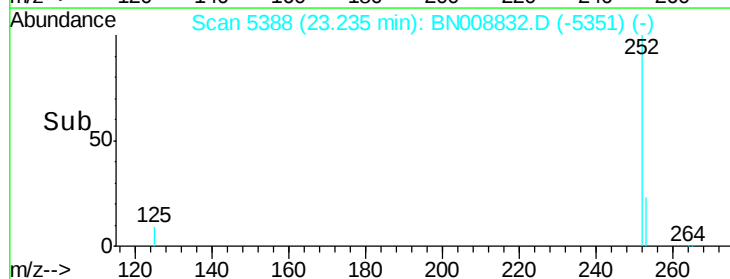
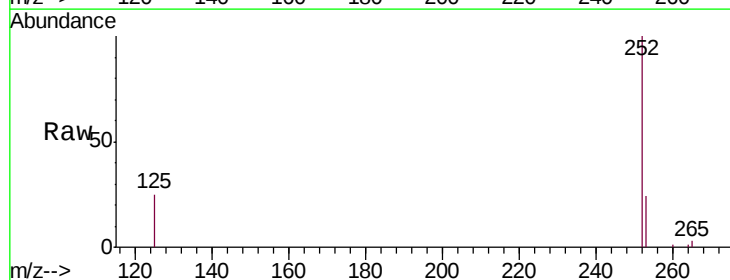
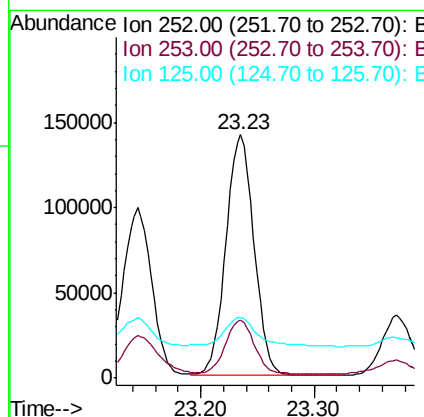
RT: 23.23 min Scan# 5388

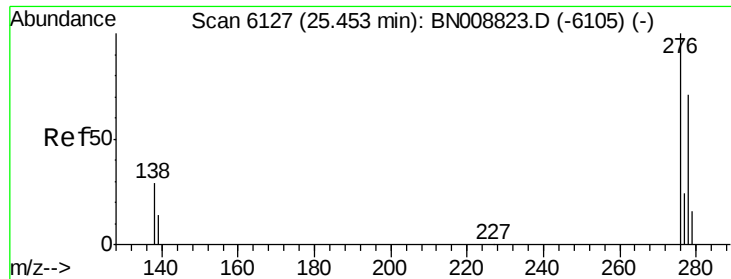
Delta R.T. 0.01 min

Lab File: BN008832.D

Acq: 03 Dec 2019 15:31

Tgt Ion:	252	Resp:	243351
Ion Ratio	Lower	Upper	
252	100		
253	23.9	19.9	29.9
125	24.9	14.6	22.0





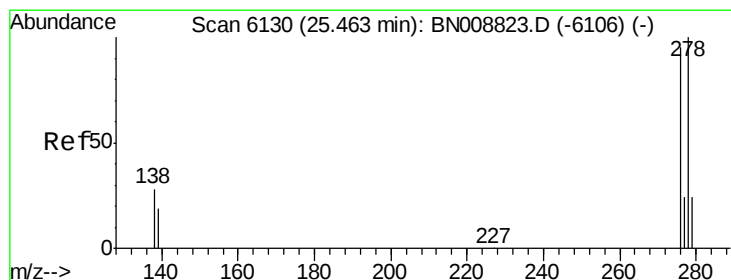
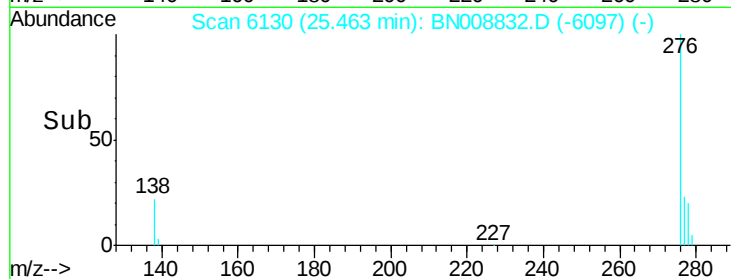
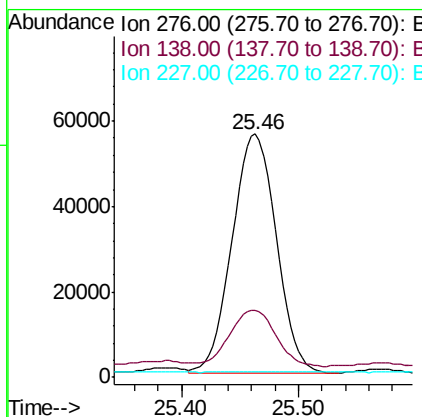
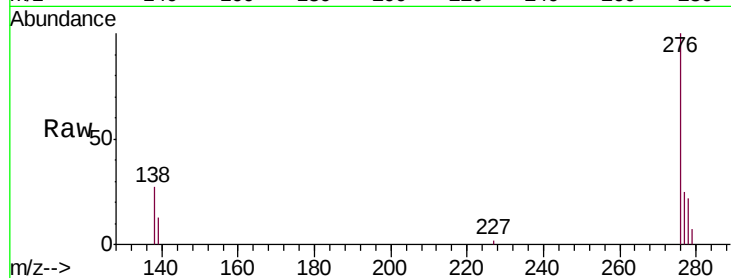
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.032 ng/ul
 RT: 25.46 min Scan# 6130
 Delta R.T. 0.01 min
 Lab File: BN008832.D
 Acq: 03 Dec 2019 15:31

Instrument :
 BNA_N
 ClientSampleId :
 C0AC3DL

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	146618		
138	24.2	23.8	35.6	
227	0.1	0.2	0.2	

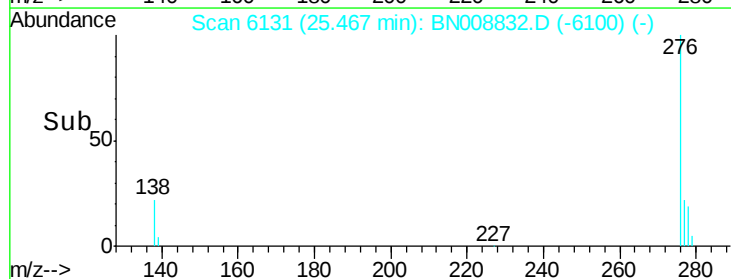
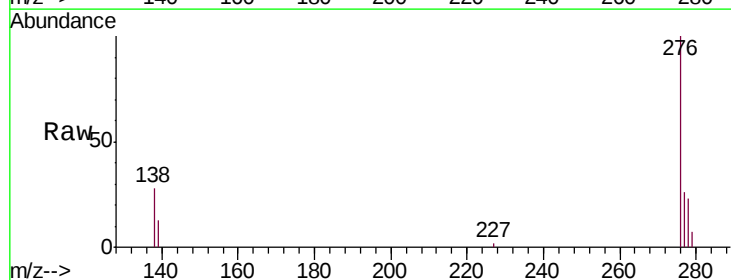
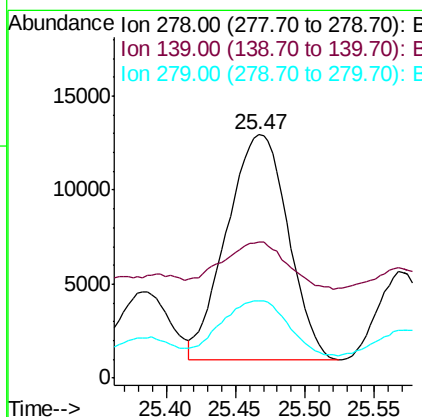
Manual Integrations
 APPROVED

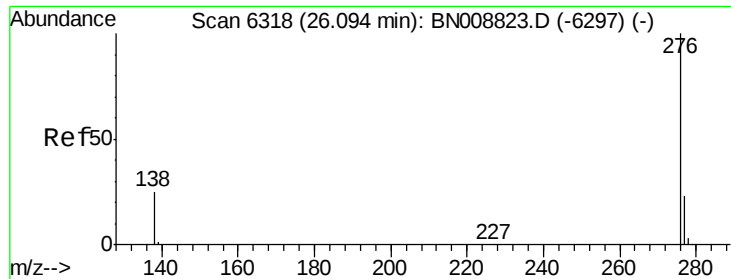
mohammad
 12/3/2019 5:10:28 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.634 ng/ul
 RT: 25.47 min Scan# 6131
 Delta R.T. 0.00 min
 Lab File: BN008832.D
 Acq: 03 Dec 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	36973		
139	56.1	17.4	26.0	
279	31.9	20.5	30.7	





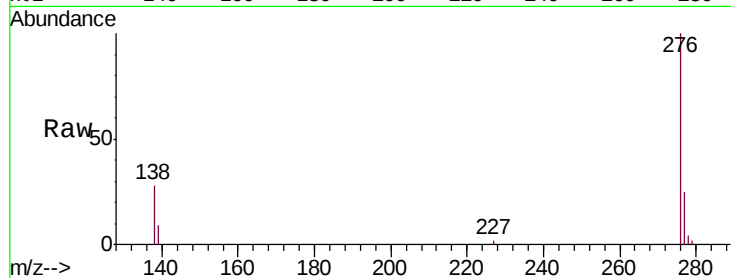
#26
 Benzo(g,h,i)perylene
 Concen: 2.370 ng/u1
 RT: 26.11 min Scan# 6323
 Delta R.T. 0.02 min
 Lab File: BN008832.D
 Acq: 03 Dec 2019 15:31

Instrument :
 BNA_N
 ClientSampleId :
 C0AC3DL

Tgt	Ion	276	Resp:	143072
	Ion	Ratio	Lower	Upper
	276	100		
	138	28.0	21.9	32.9
	277	25.3	19.9	29.9

Manual Integrations
 APPROVED

mohammad
 12/3/2019 5:10:28 PM



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

