

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
 Data File : BN008507.D
 Acq On : 08 Nov 2019 14:04
 Operator : JU
 Sample : K5699-02MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F2J00MS

Manual Integrations
 APPROVED

mohammad
 11/11/2019 8:09:00 AM

Quant Time: Nov 08 15:28:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 08 06:44:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	1409	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	6212	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.19	164	3783	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	7689	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	5937	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	5017	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2578	0.26	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	8059	0.35	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.36	128	50365	2.849	ng/ul	97
5) 2-Methylnaphthalene	11.99	142	3948	0.335	ng/ul	99
7) Acenaphthylene	13.90	152	2327	0.132	ng/ul	95
8) Acenaphthene	14.25	153	7980	0.559	ng/ul	98
9) Fluorene	15.25	166	2521	0.161	ng/ul#	98
11) Pentachlorophenol	16.60	266	549	0.328	ng/ul	96
12) Phenanthrene	16.98	178	4243	0.182	ng/ul	97
13) Anthracene	17.07	178	6574	0.321	ng/ul	99
15) Fluoranthene	19.00	202	23168	0.865	ng/ul	99
17) Pyrene	19.37	202	41293	1.424	ng/ul	98
18) Benzo(a)anthracene	21.13	228	11783	0.570	ng/ul	97
19) Chrysene	21.18	228	9438	0.359	ng/ul	98
21) Benzo(b)fluoranthene	22.67	252	26923m	1.440	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	7519m	0.354	ng/ul	
23) Benzo(a)pyrene	23.22	252	10165	0.540	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.45	276	6620	0.309	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.46	278	1639	0.097	ng/ul#	74
26) Benzo(g,h,i)perylene	26.10	276	5618	0.293	ng/ul	98

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

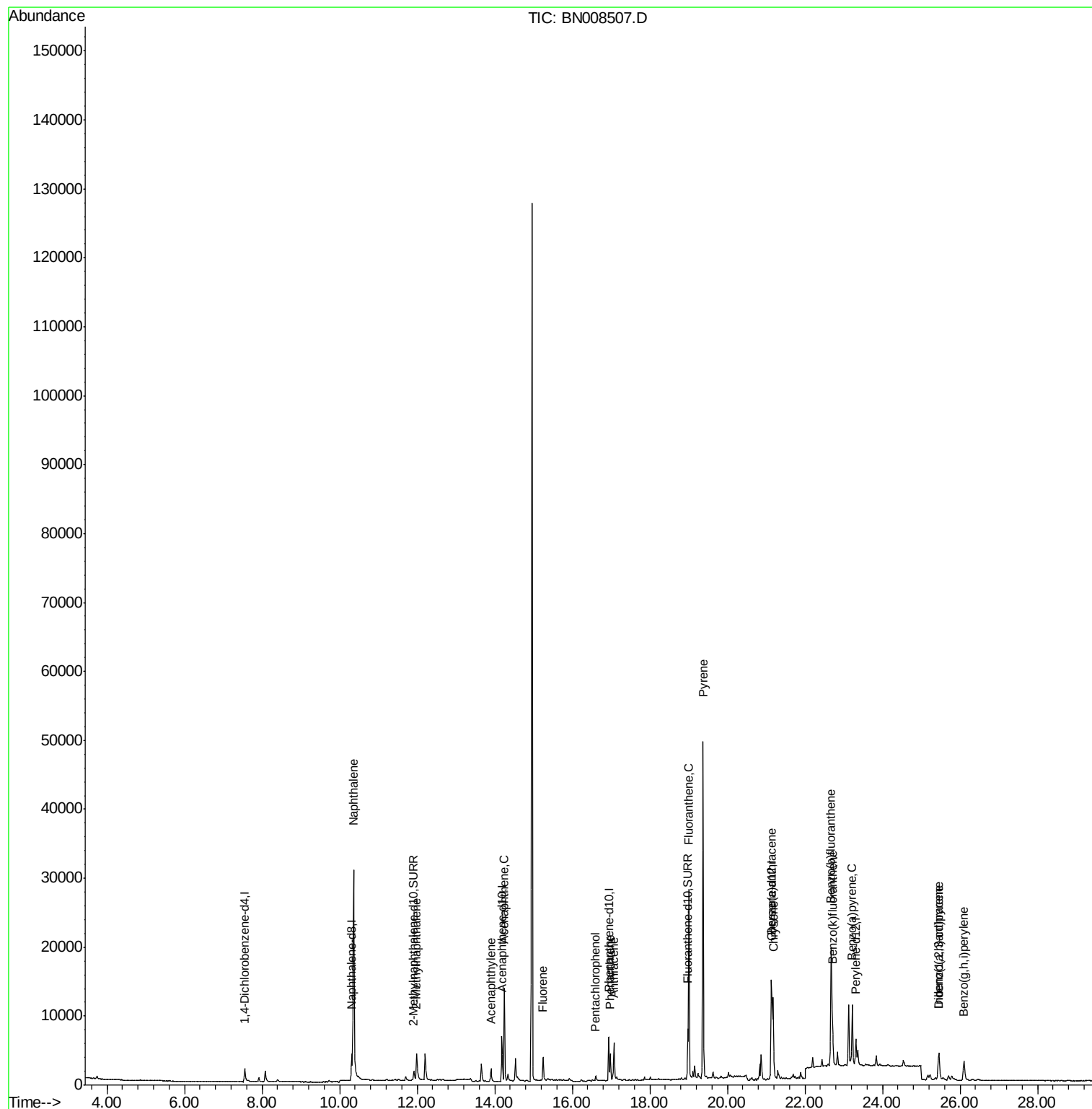
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
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ALS Vial : 27 Sample Multiplier: 1

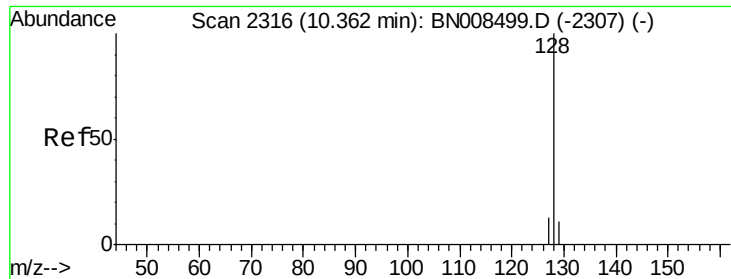
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#3

Naphthalene

Concen: 2.849 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BN008507.D

Acq: 08 Nov 2019 14:04

Instrument :

BNA_N

ClientSampleId :

F2J00MS

Tot Ion:128 Resp: 50365

Ion Ratio Lower Upper

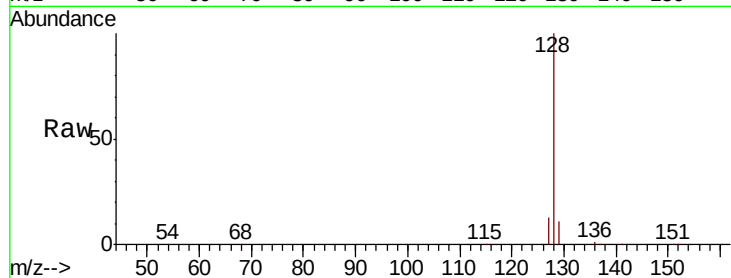
128 100

129 11.1 10.0 15.0

127 13.2 11.6 17.4

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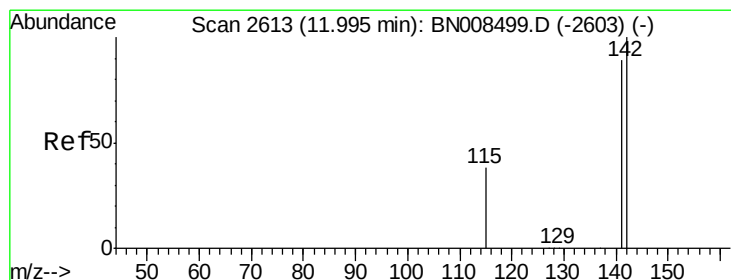
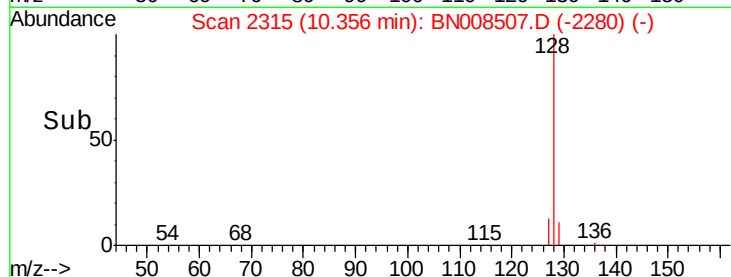
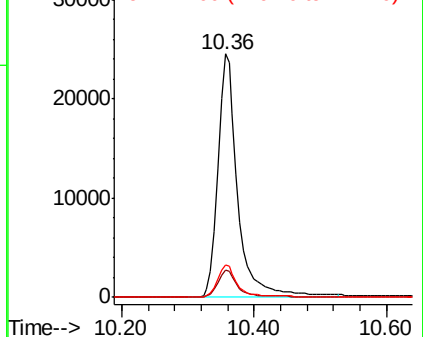
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.335 ng/ul

RT: 11.99 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BN008507.D

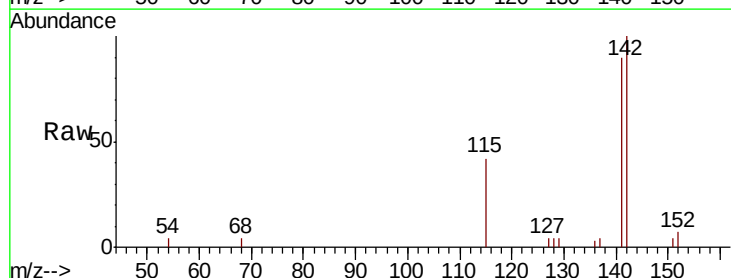
Acq: 08 Nov 2019 14:04

Tgt Ion:142 Resp: 3948

Ion Ratio Lower Upper

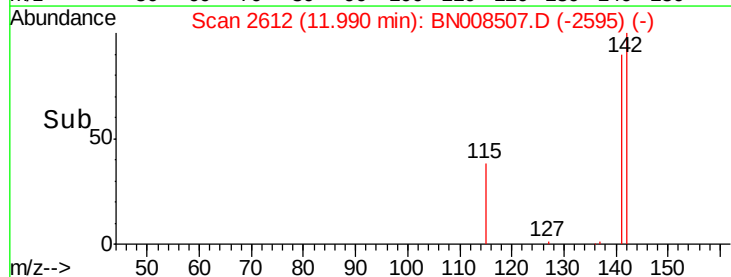
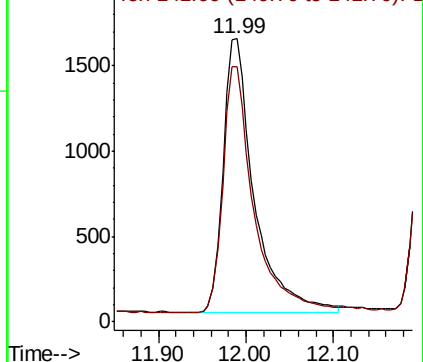
142 100

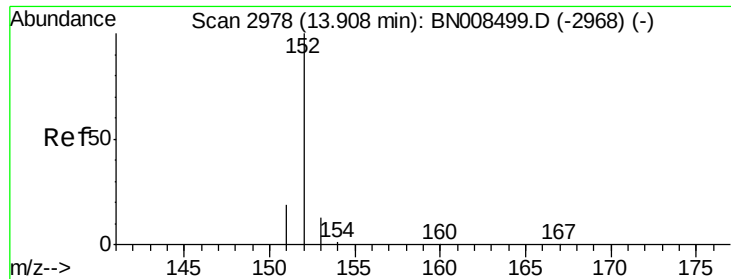
141 90.0 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.132 ng/ul

RT: 13.90 min Scan# 2977

Delta R.T. -0.00 min

Lab File: BN008507.D

Acq: 08 Nov 2019 14:04

Instrument :

BNA_N

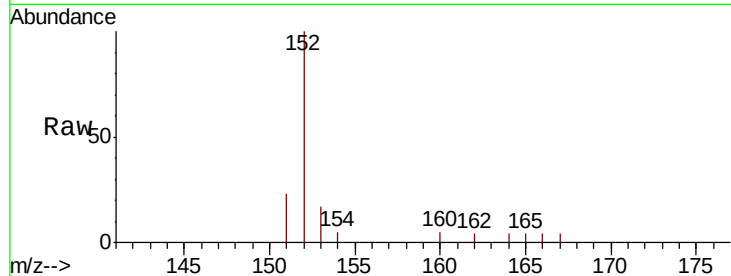
ClientSampleId :

F2J00MS

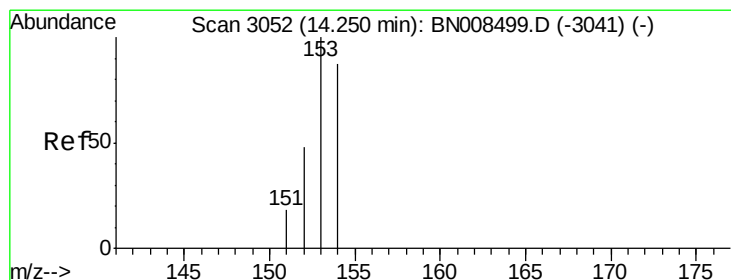
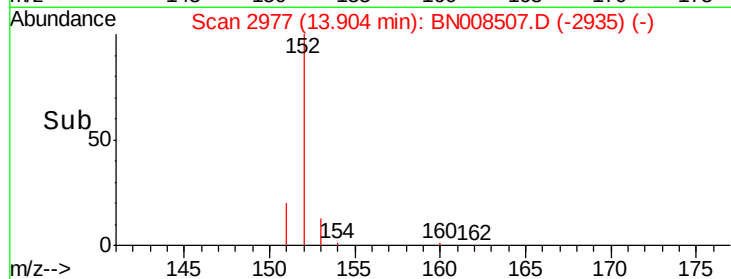
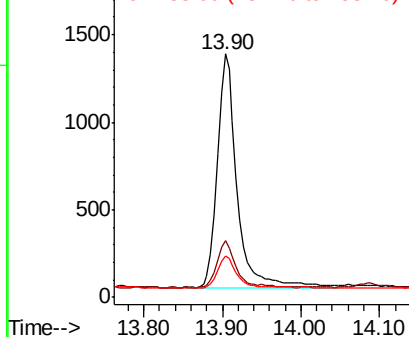
Tot Ion:	152	Resp:	2327
Ion Ratio	Lower	Upper	
152	100		
151	23.1	16.7	25.1
153	16.8	11.4	17.2

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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



#8

Acenaphthene

Concen: 0.559 ng/ul

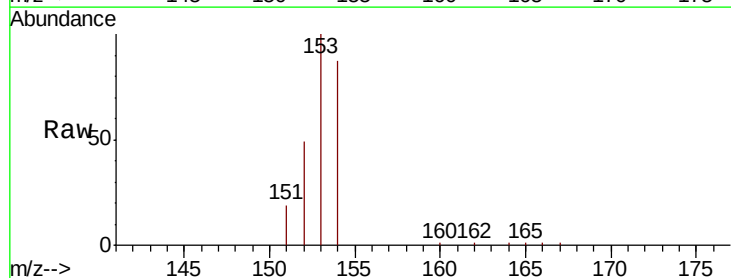
RT: 14.25 min Scan# 3051

Delta R.T. -0.00 min

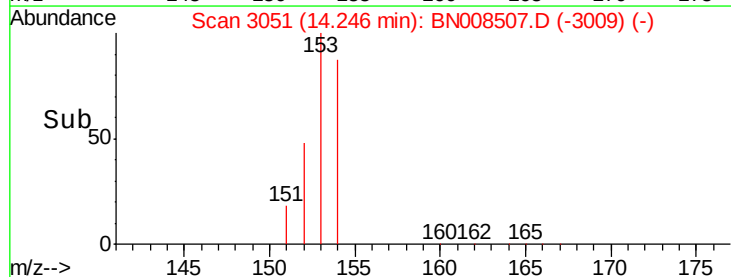
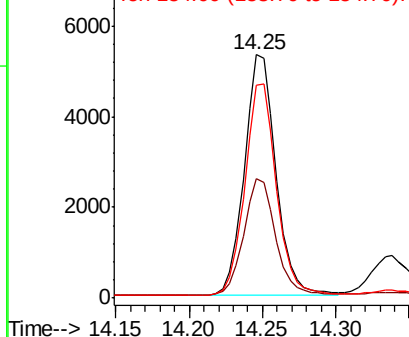
Lab File: BN008507.D

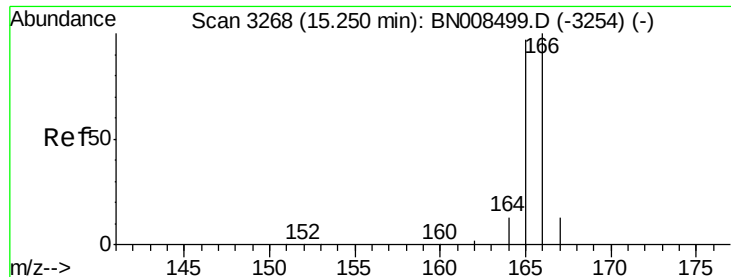
Acq: 08 Nov 2019 14:04

Tgt Ion:	153	Resp:	7980
Ion Ratio	Lower	Upper	
153	100		
152	48.9	39.8	59.8
154	87.3	71.6	107.4



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.161 ng/ul

RT: 15.25 min Scan# 3268

Delta R.T. -0.00 min

Lab File: BN008507.D

Acq: 08 Nov 2019 14:04

Instrument :

BNA_N

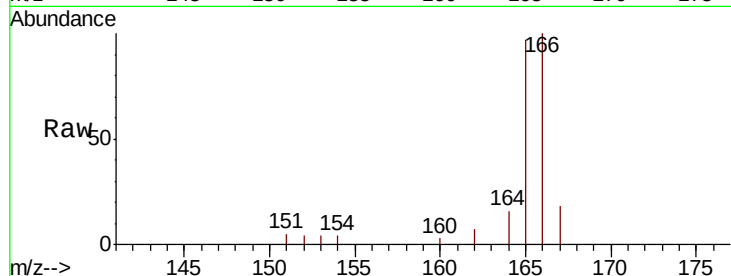
ClientSampleId :

F2J00MS

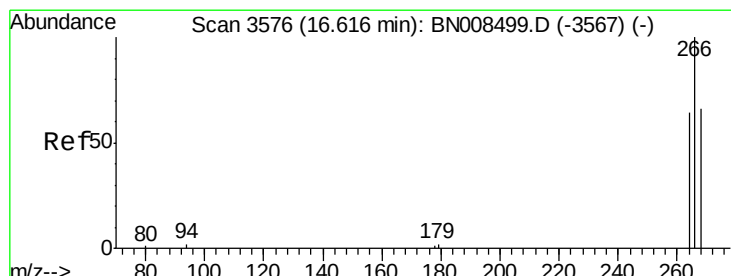
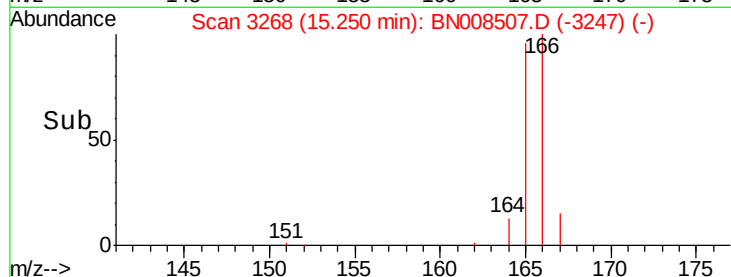
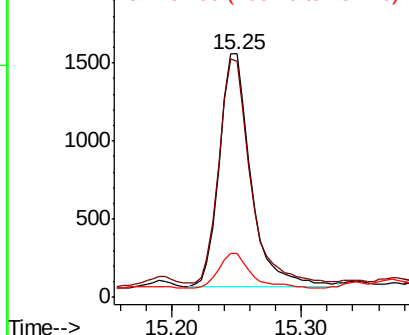
Tot Ion:	166	Resp:	2521
Ion Ratio	Lower	Upper	
166	100		
165	97.0	78.2	117.2
167	18.2	12.1	18.1#

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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



#11

Pentachlorophenol

Concen: 0.328 ng/ul

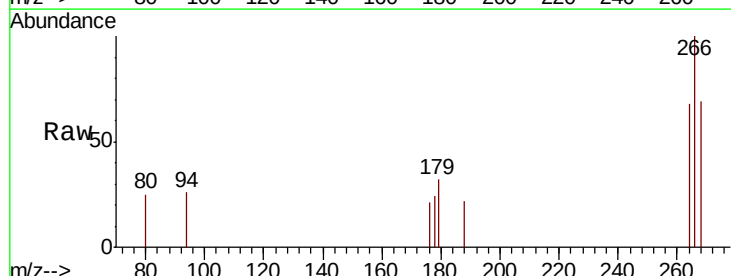
RT: 16.60 min Scan# 3573

Delta R.T. -0.02 min

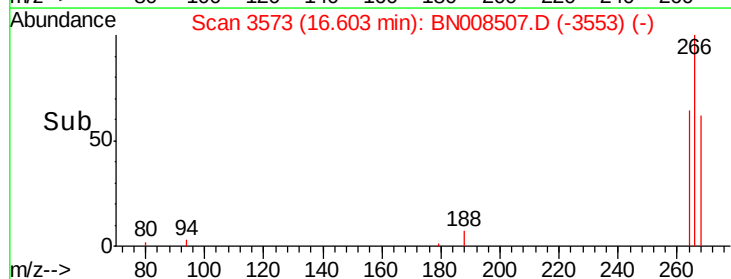
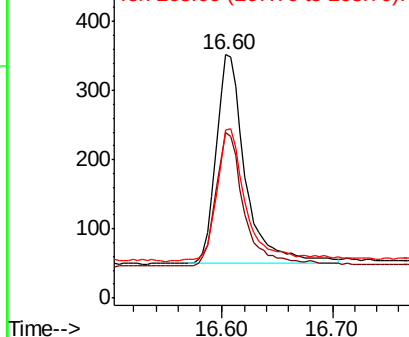
Lab File: BN008507.D

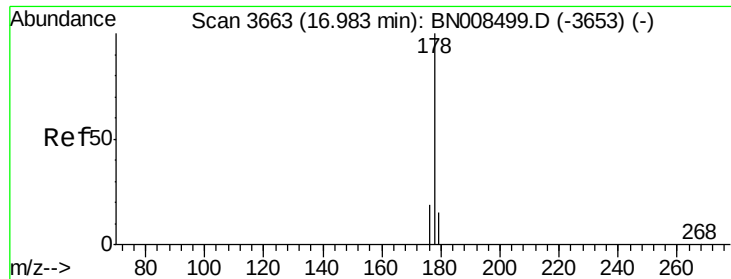
Acq: 08 Nov 2019 14:04

Tgt Ion:	266	Resp:	549
Ion Ratio	Lower	Upper	
266	100		
264	63.9	49.8	74.8
268	68.1	51.0	76.6



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.182 ng/ul

RT: 16.98 min Scan# 3662

Delta R.T. -0.01 min

Lab File: BN008507.D

Acq: 08 Nov 2019 14:04

Instrument :

BNA_N

ClientSampleId :

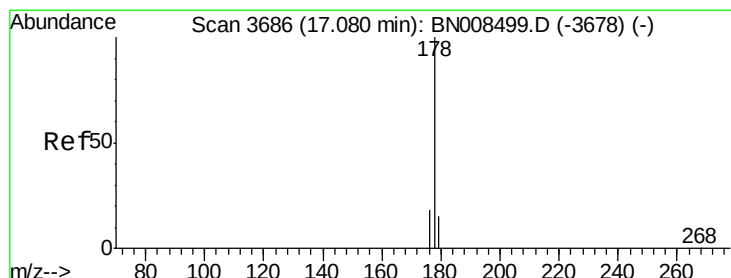
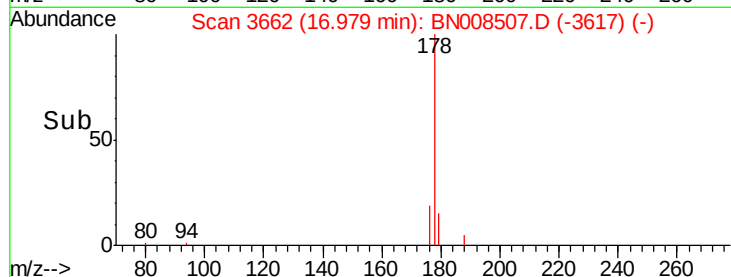
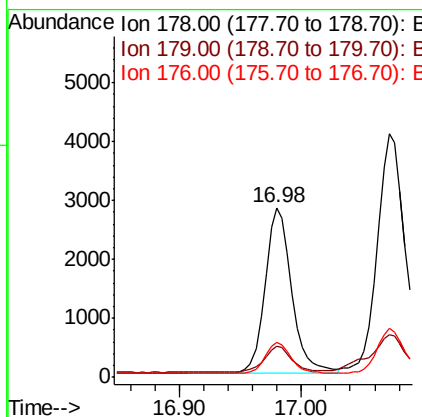
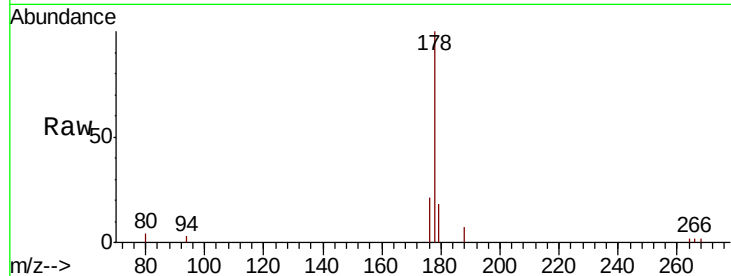
F2J00MS

Tot Ion:178 Resp: 4243

Ion	Ratio	Lower	Upper
178	100		
179	18.2	13.2	19.8
176	20.7	15.6	23.4

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#13

Anthracene

Concen: 0.321 ng/ul

RT: 17.07 min Scan# 3684

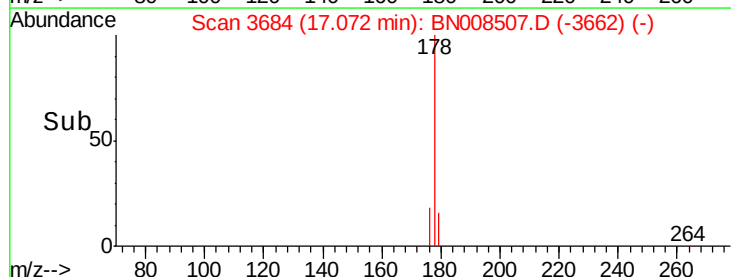
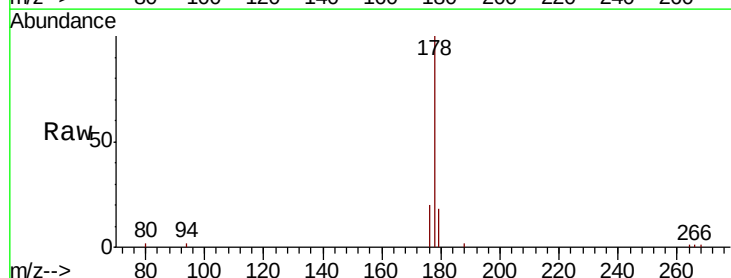
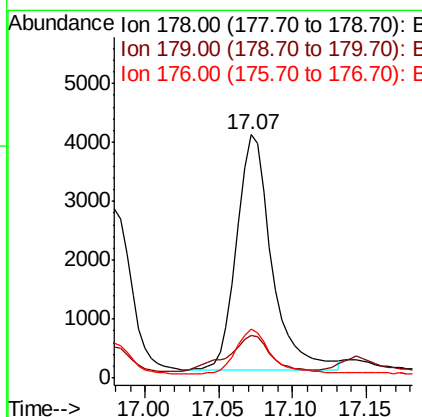
Delta R.T. -0.01 min

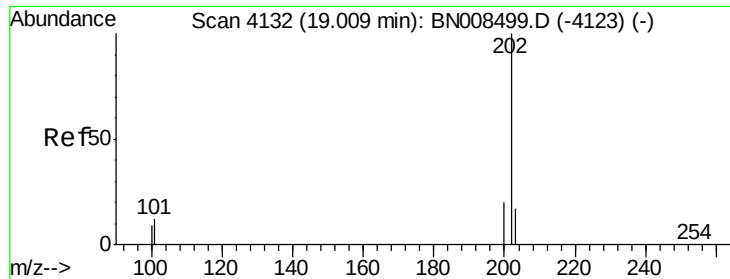
Lab File: BN008507.D

Acq: 08 Nov 2019 14:04

Tgt Ion:178 Resp: 6574

Ion	Ratio	Lower	Upper
178	100		
179	17.6	13.7	20.5
176	19.9	15.7	23.5





#15

Fluoranthene

Concen: 0.865 ng/ul

RT: 19.00 min Scan# 4131

Delta R.T. -0.01 min

Lab File: BN008507.D

Acq: 08 Nov 2019 14:04

Instrument :

BNA_N

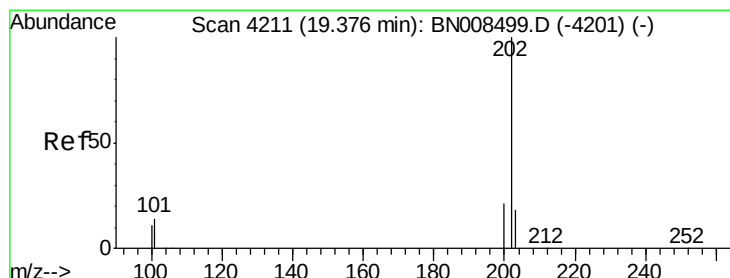
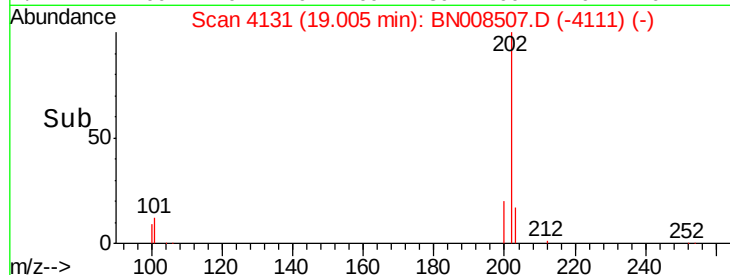
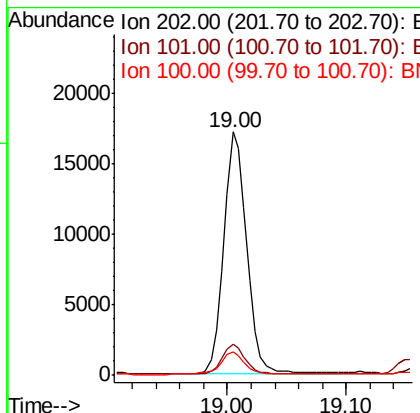
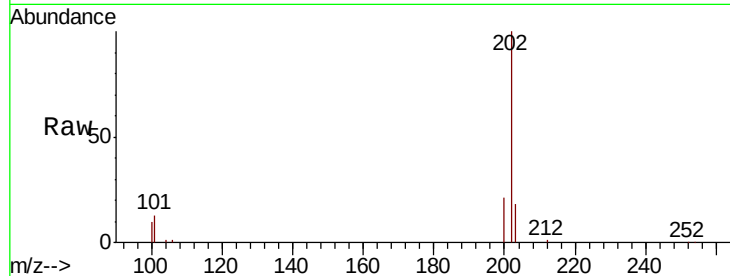
ClientSampleId :

F2J00MS

Tot Ion:	202	Resp:	23168
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	33.0
100	9.8	0.0	30.2

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#17

Pyrene

Concen: 1.424 ng/ul

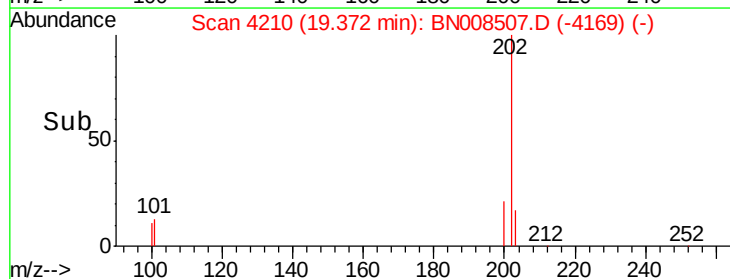
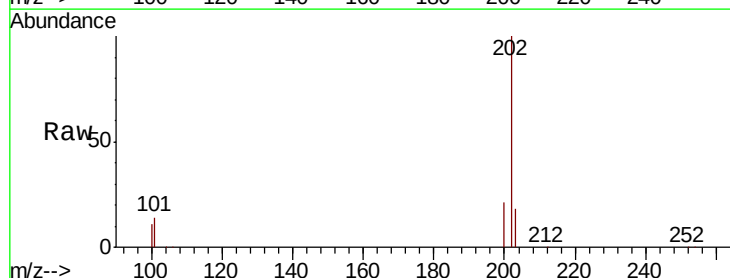
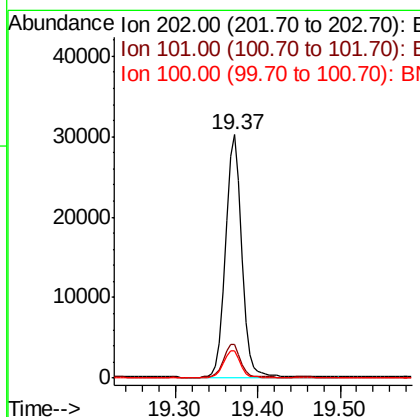
RT: 19.37 min Scan# 4210

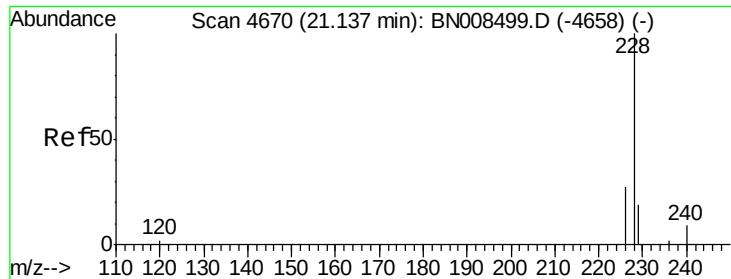
Delta R.T. -0.01 min

Lab File: BN008507.D

Acq: 08 Nov 2019 14:04

Tgt Ion:	202	Resp:	41293
Ion Ratio	Lower	Upper	
202	100		
101	13.6	11.6	17.4
100	11.1	9.4	14.0





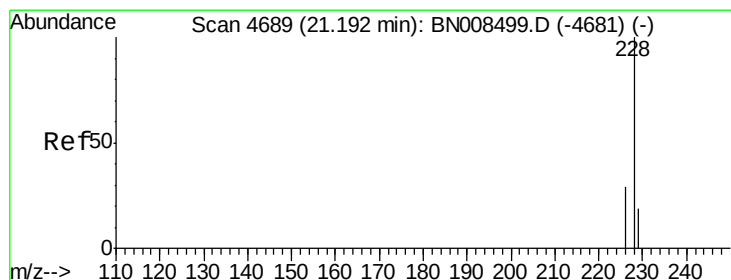
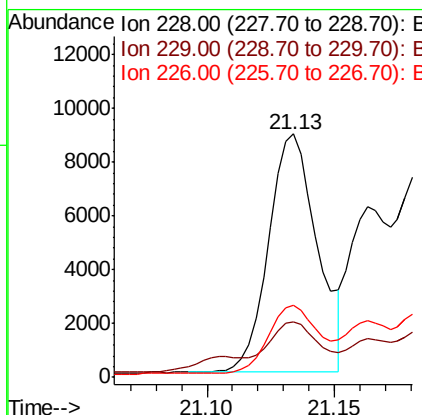
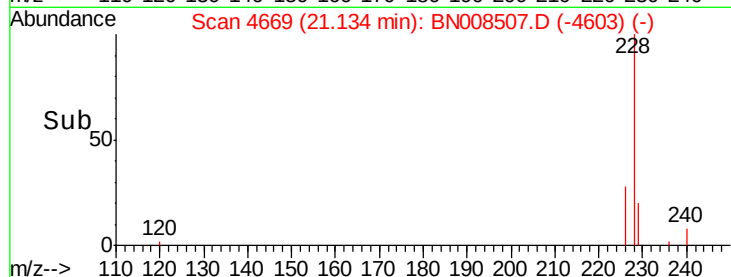
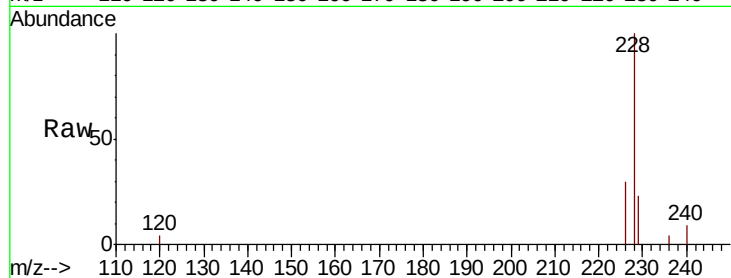
#18
Benzo(a)anthracene
Concen: 0.570 ng/ul
RT: 21.13 min Scan# 4669
Delta R.T. -0.01 min
Lab File: BN008507.D
Acq: 08 Nov 2019 14:04

Instrument :
BNA_N
ClientSampleId :
F2J00MS

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.7	16.6	24.8
226	29.8	22.8	34.2

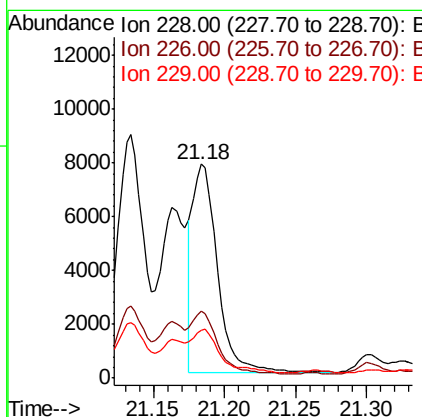
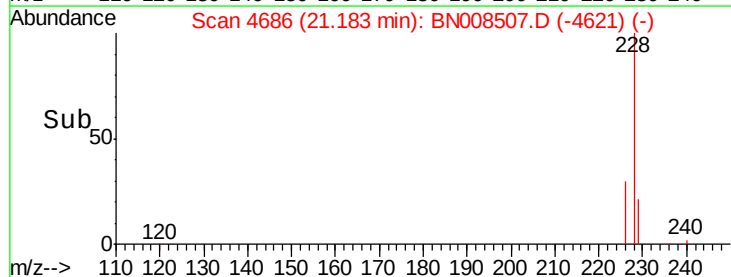
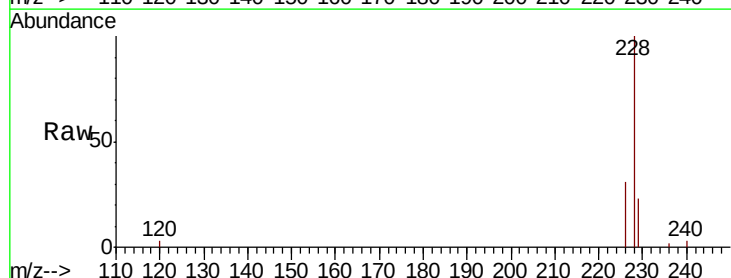
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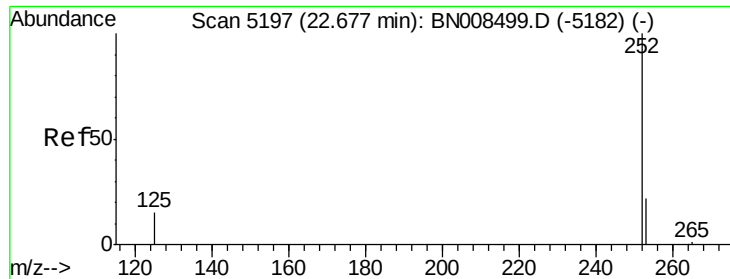
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#19
Chrysene
Concen: 0.359 ng/ul
RT: 21.18 min Scan# 4686
Delta R.T. -0.01 min
Lab File: BN008507.D
Acq: 08 Nov 2019 14:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	22.7	16.6	25.0





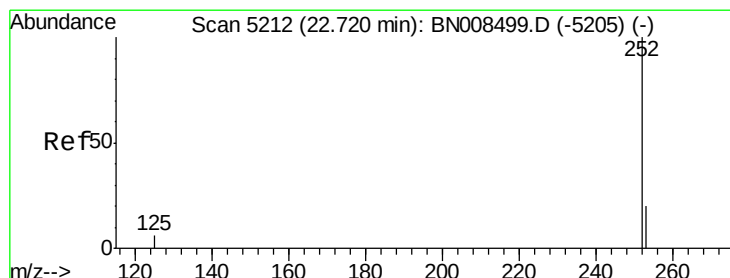
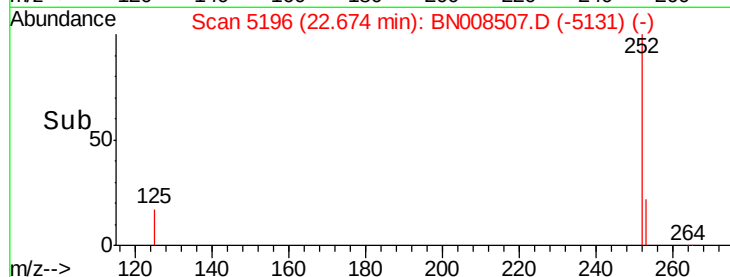
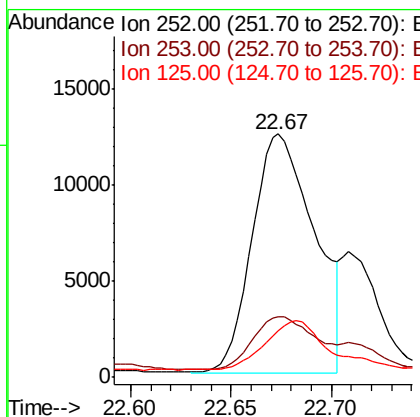
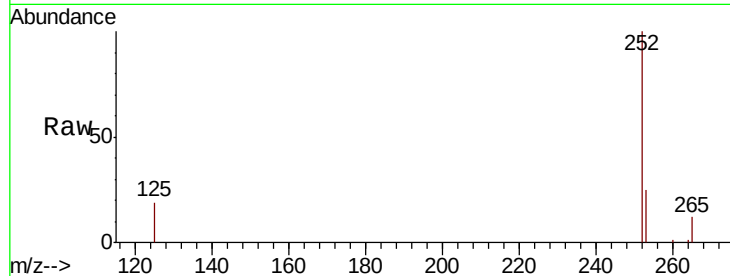
#21
Benzo(b)fluoranthene
Concen: 1.440 ng/ul m
RT: 22.67 min Scan# 5196
Delta R.T. -0.01 min
Lab File: BN008507.D
Acq: 08 Nov 2019 14:04

Instrument :
BNA_N
ClientSampleId :
F2J00MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	0.0	58.4
125	19.3	0.0	58.6

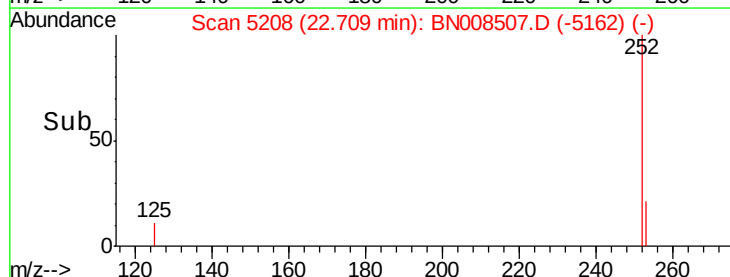
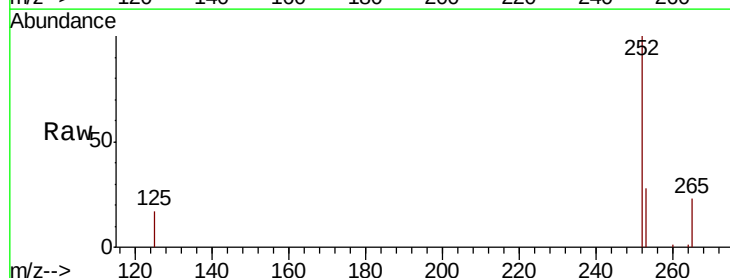
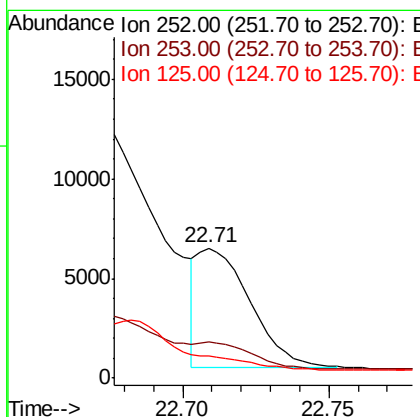
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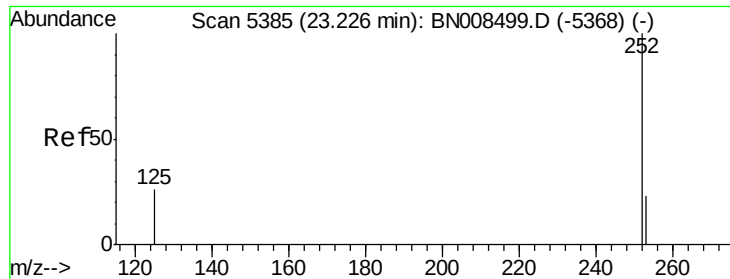
mohammad
11/11/2019 8:09:00 AM



#22
Benzo(k)fluoranthene
Concen: 0.354 ng/ul m
RT: 22.71 min Scan# 5208
Delta R.T. -0.01 min
Lab File: BN008507.D
Acq: 08 Nov 2019 14:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	22.6	34.0
125	16.6	14.7	22.1





#23

Benzo(a)pyrene

Concen: 0.540 ng/ul

RT: 23.22 min Scan# 5383

Delta R.T. -0.01 min

Lab File: BN008507.D

Acq: 08 Nov 2019 14:04

Instrument :

BNA_N

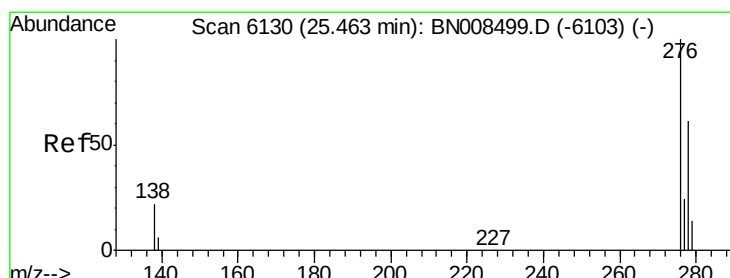
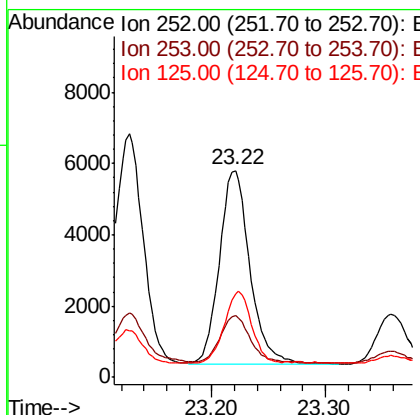
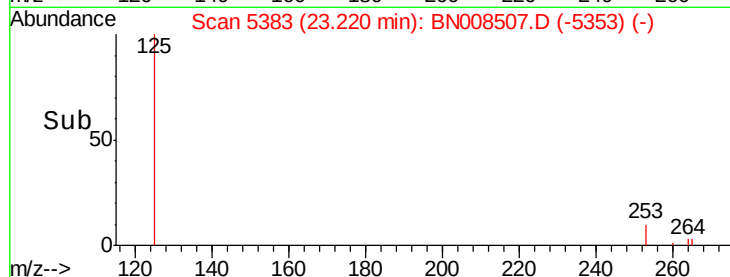
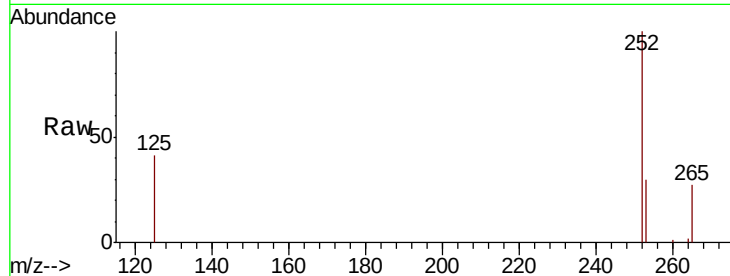
ClientSampleId :

F2J00MS

Tot Ion:	252	Resp:	10165
Ion Ratio	Lower	Upper	
252	100		
253	29.7	27.2	40.8
125	40.7	37.0	55.6

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.309 ng/ul

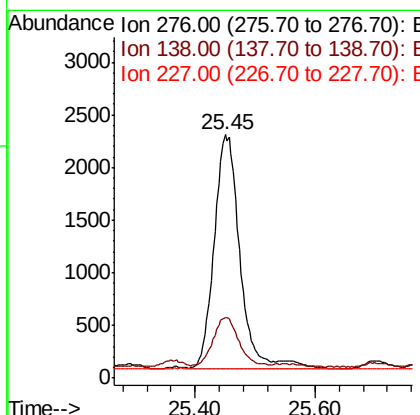
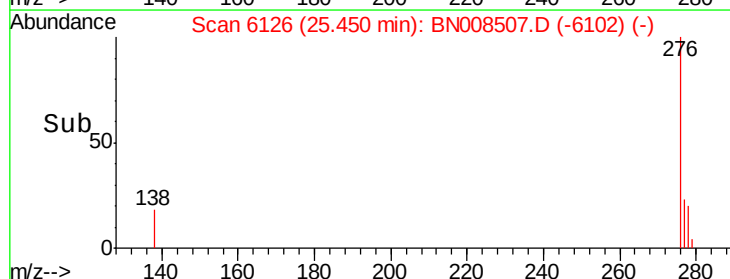
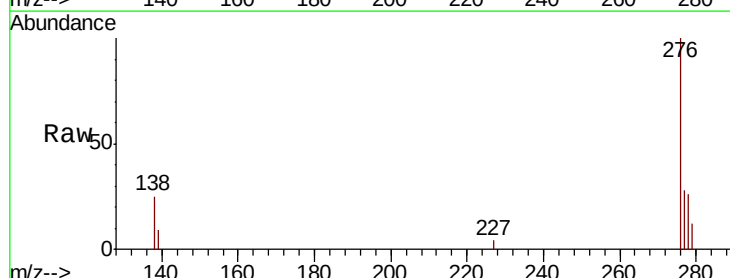
RT: 25.45 min Scan# 6126

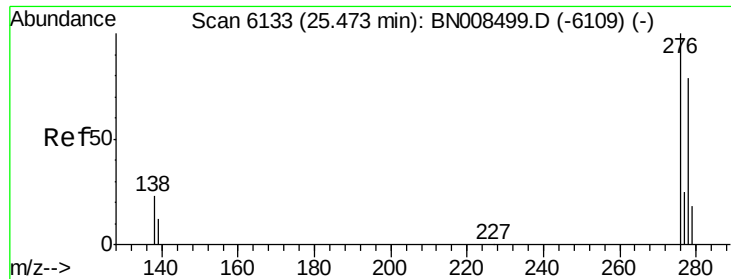
Delta R.T. -0.02 min

Lab File: BN008507.D

Acq: 08 Nov 2019 14:04

Tgt Ion:	276	Resp:	6620
Ion Ratio	Lower	Upper	
276	100		
138	19.7	18.3	27.5
227	0.1	0.0	0.0#





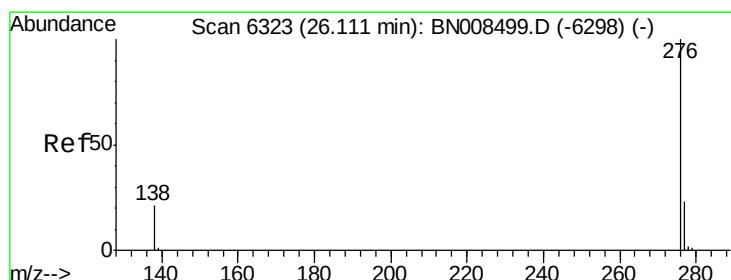
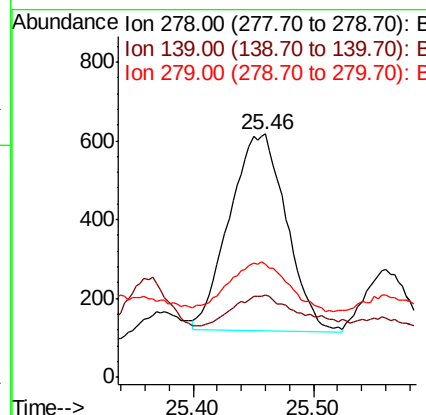
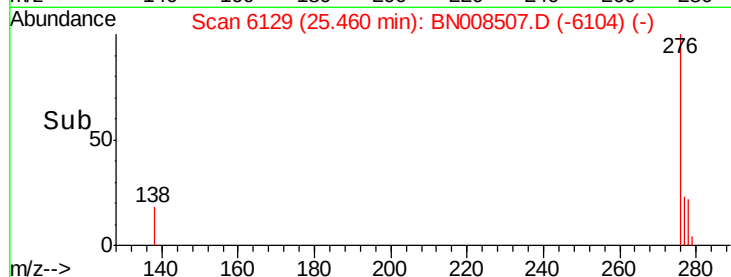
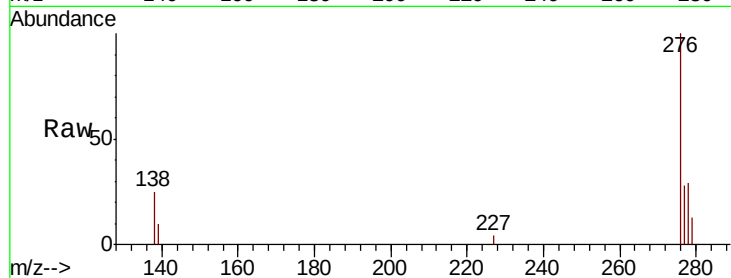
#25
Dibenzo(a,h)anthracene
Concen: 0.097 ng/ul
RT: 25.46 min Scan# 6129
Delta R.T. -0.02 min
Lab File: BN008507.D
Acq: 08 Nov 2019 14:04

Instrument :
BNA_N
ClientSampleId :
F2J00MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	33.5	17.6	26.4#
279	46.4	25.1	37.7#

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#26
Benzo(g,h,i)perylene
Concen: 0.293 ng/ul
RT: 26.10 min Scan# 6321
Delta R.T. -0.02 min
Lab File: BN008507.D
Acq: 08 Nov 2019 14:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.1	30.1
277	26.7	20.6	31.0

