

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050719\
 Data File : BN005507.D
 Acq On : 07 May 2019 03:57
 Operator : JU/SJ
 Sample : K2403-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5125

Manual Integrations
 APPROVED

mohammad
 5/8/2019 12:01:15 AM

Quant Time: May 07 07:57:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 07:04:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2186	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	8826	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	5699	0.40	ng/ul	-0.02
10) Phenanthrene-d10	16.98	188	13633m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.21	240	13610m	0.40	ng/ul	-0.01
20) Perylene-d12	23.41	264	11899m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	3886	0.28	ng/ul	-0.03
14) Fluoranthene-d10	19.02	212	11826m	0.28	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.40	128	2299	0.098	ng/ul	96
5) 2-Methylnaphthalene	12.04	142	1831	0.115	ng/ul	99
7) Acenaphthylene	13.94	152	2886	0.101	ng/ul	98
9) Fluorene	15.28	166	610	0.026	ng/ul#	94
12) Phenanthrene	17.02	178	9675	0.260	ng/ul	100
13) Anthracene	17.11	178	1481m	0.040	ng/ul	
15) Fluoranthene	19.06	202	11698m	0.228	ng/ul	
17) Pyrene	19.42	202	13698m	0.273	ng/ul	
18) Benzo(a)anthracene	21.20	228	6214m	0.132	ng/ul	
19) Chrysene	21.25	228	9193	0.160	ng/ul	95
21) Benzo(b)fluoranthene	22.77	252	9654m	0.270	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	3256m	0.073	ng/ul	
23) Benzo(a)pyrene	23.32	252	6061m	0.152	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.61	276	3831m	0.086	ng/ul	
25) Dibenzo(a,h)anthracene	25.62	278	943m	0.026	ng/ul	
26) Benzo(a,h,i)perylene	26.27	276	2814m	0.074	ng/ul	

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

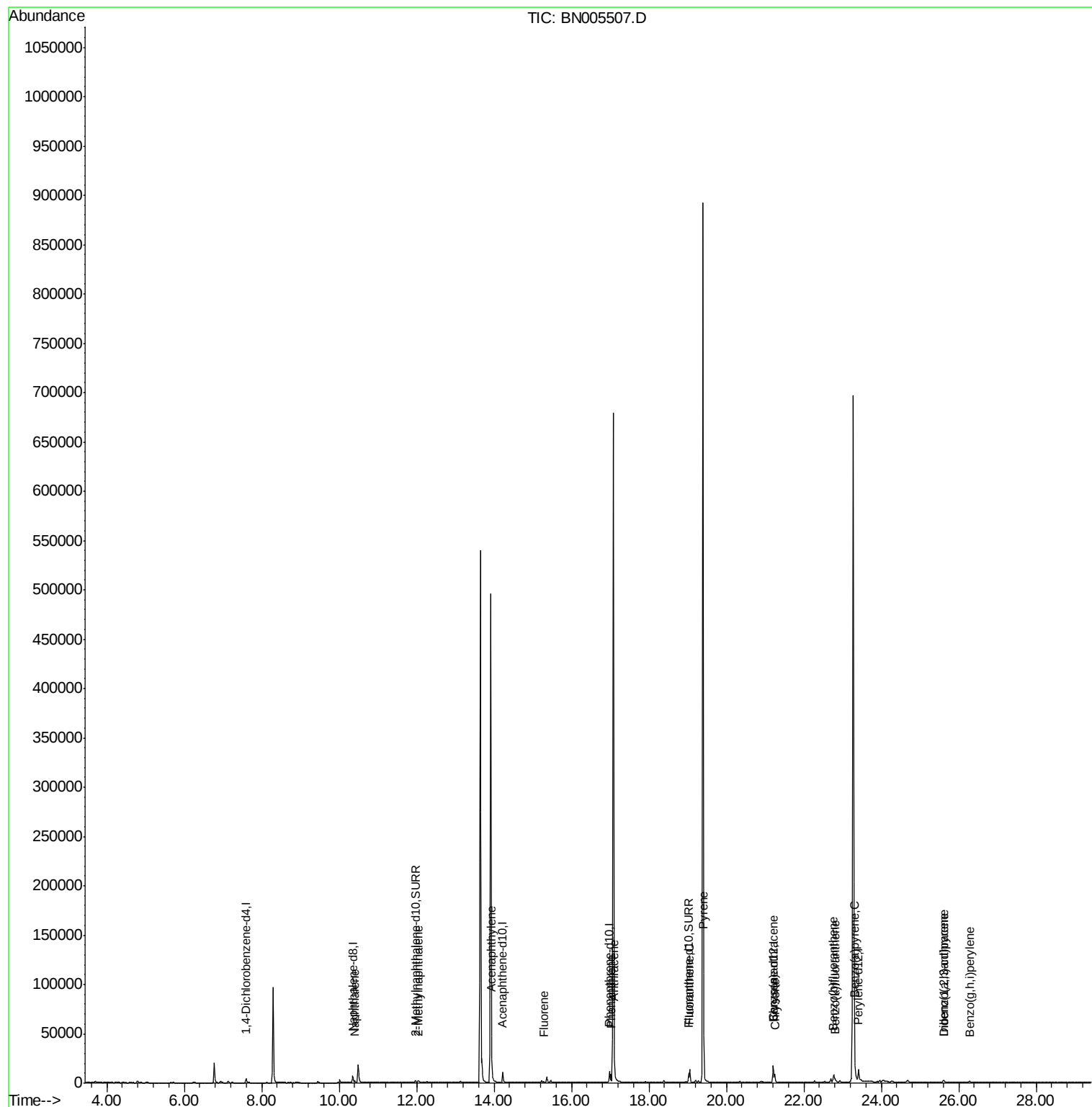
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050719\
Data File : BN005507.D
Acq On : 07 May 2019 03:57
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Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

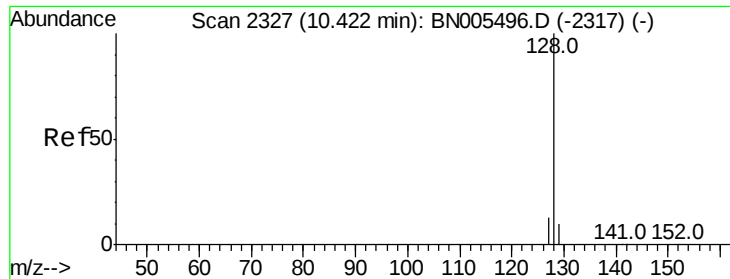
Instrument :
BNA_N
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A5125

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
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#3

Naphthalene

Concen: 0.098 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BN005507.D

Acq: 07 May 2019 03:57

Instrument :

BNA_N

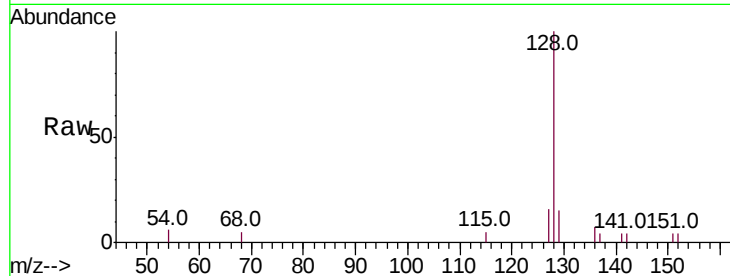
ClientSampleId :

A5125

Tot Ion:	128	Resp:	2299
Ion	Ratio	Lower	Upper
128	100		
129	15.2	10.2	15.2
127	15.6	11.8	17.8

Manual Integrations
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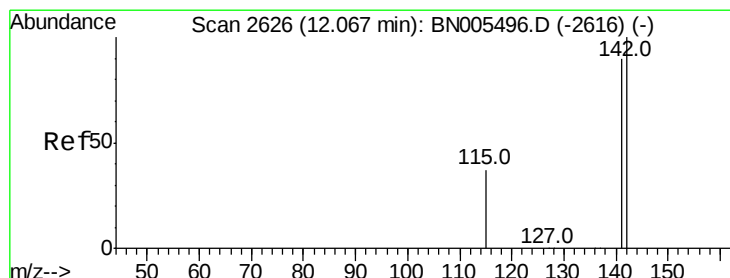
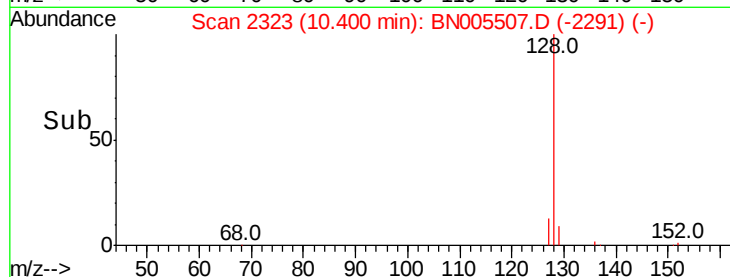
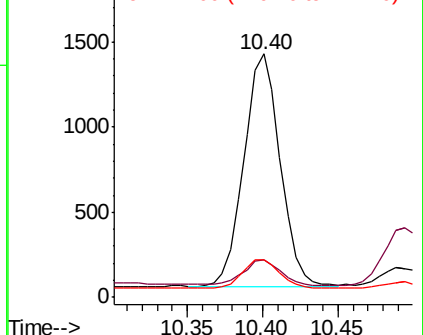
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.115 ng/ul

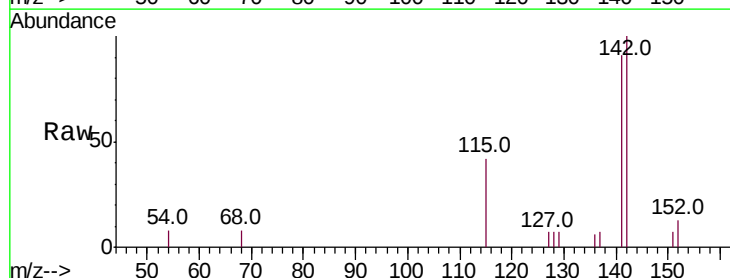
RT: 12.04 min Scan# 2621

Delta R.T. -0.03 min

Lab File: BN005507.D

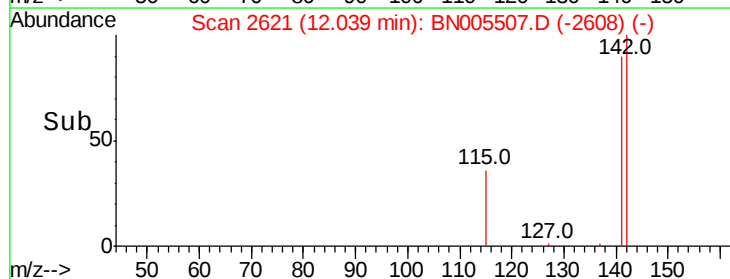
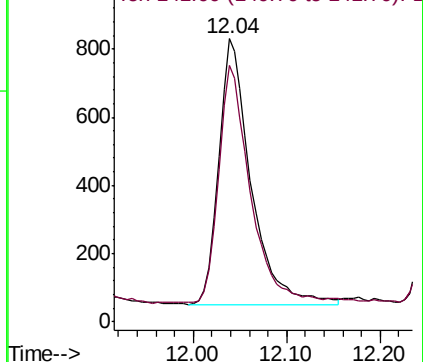
Acq: 07 May 2019 03:57

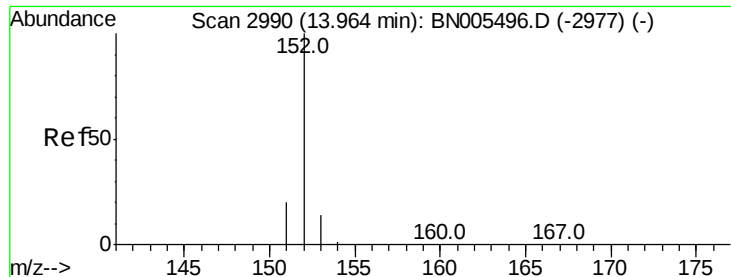
Tgt Ion:	142	Resp:	1831
Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.2	108.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.101 ng/ul

RT: 13.94 min Scan# 2986

Delta R.T. -0.02 min

Lab File: BN005507.D

Acq: 07 May 2019 03:57

Instrument :

BNA_N

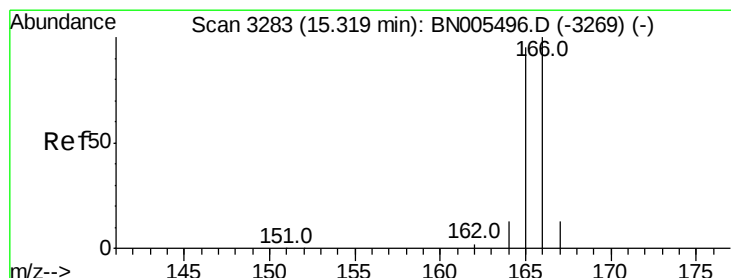
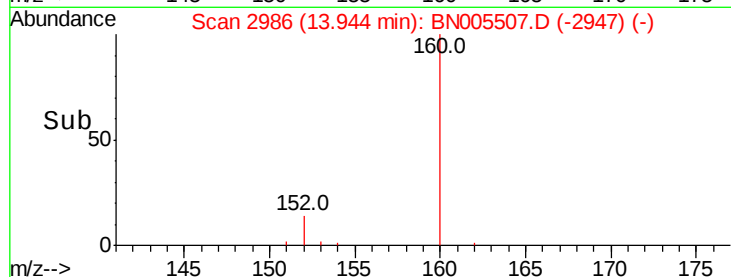
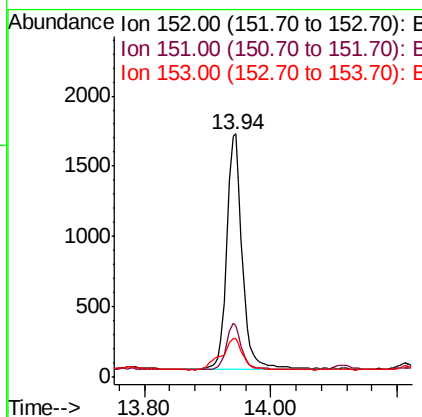
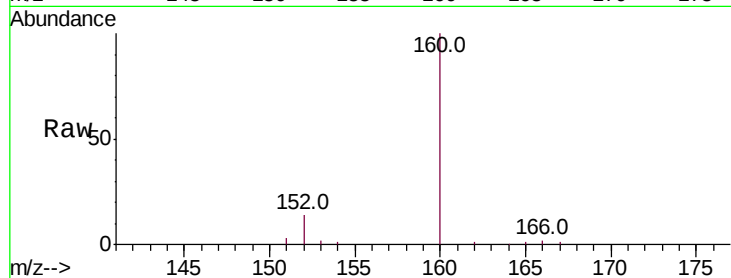
ClientSampleId :

A5125

Tot Ion:	152	Resp:	2886
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.7	25.1
153	15.8	11.6	17.4

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#9

Fluorene

Concen: 0.026 ng/ul

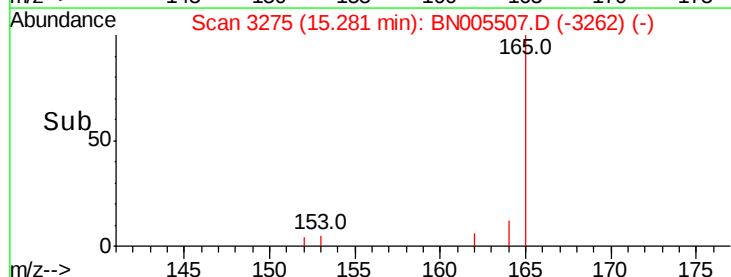
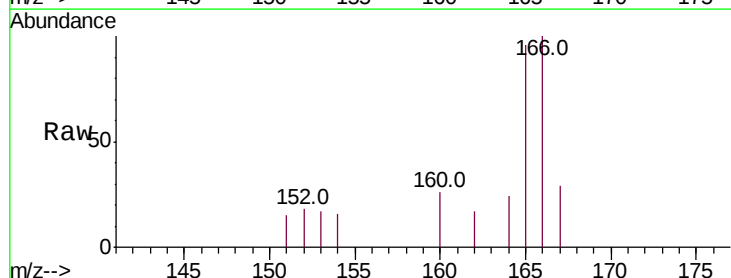
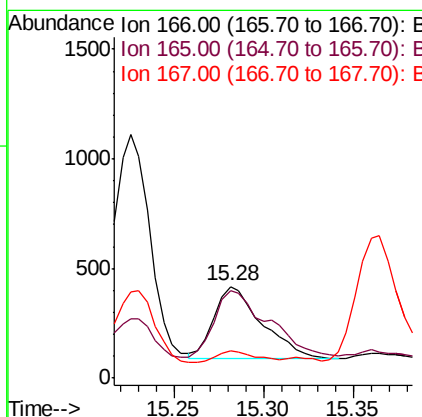
RT: 15.28 min Scan# 3275

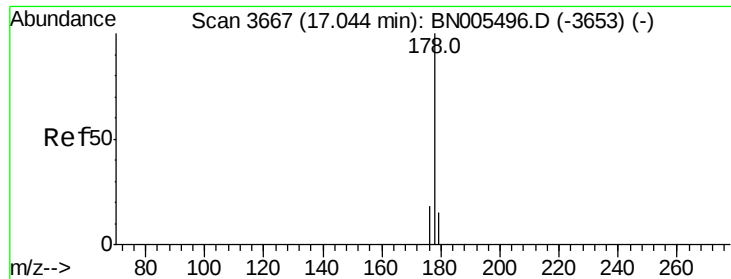
Delta R.T. -0.04 min

Lab File: BN005507.D

Acq: 07 May 2019 03:57

Tgt Ion:	166	Resp:	610
Ion Ratio	Lower	Upper	
166	100		
165	95.9	78.0	117.0
167	29.5	12.2	18.4#





#12

Phenanthrene

Concen: 0.260 ng/ul

RT: 17.02 min Scan# 3662

Delta R.T. -0.02 min

Lab File: BN005507.D

Acq: 07 May 2019 03:57

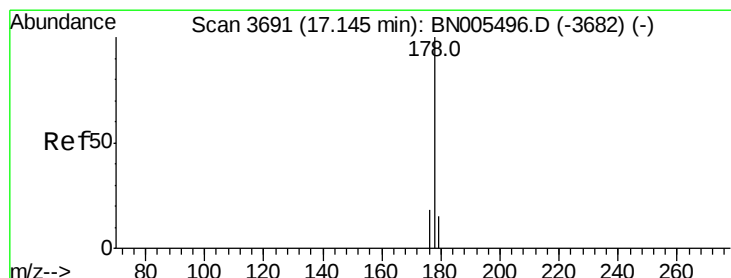
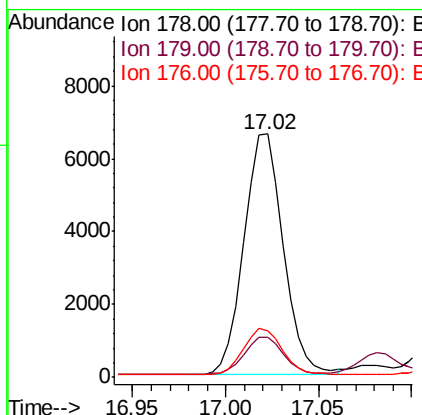
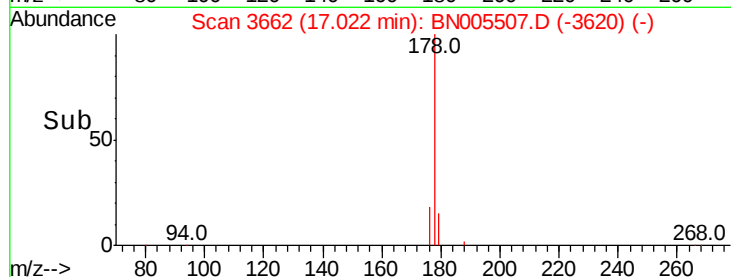
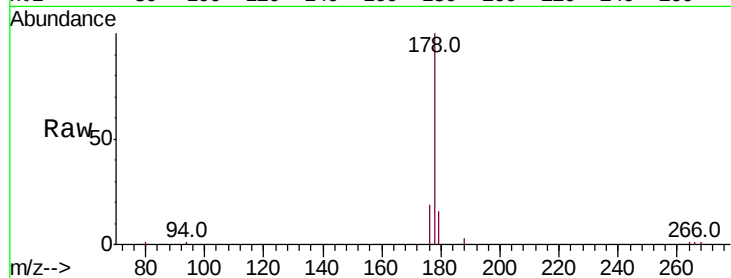
Instrument :
BNA_N
ClientSampleId :
A5125

Tot Ion:178 Resp: 9675

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.8	19.2
176	19.1	15.3	22.9

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#13

Anthracene

Concen: 0.040 ng/ul m

RT: 17.11 min Scan# 3683

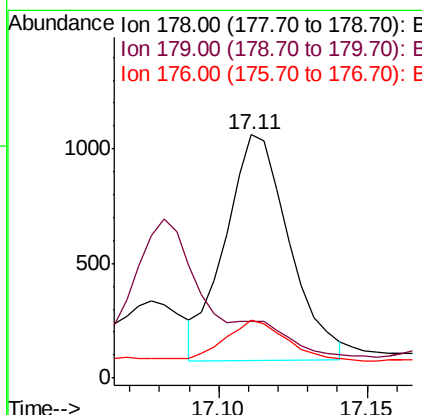
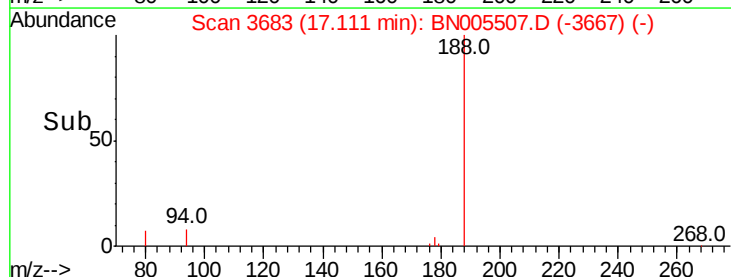
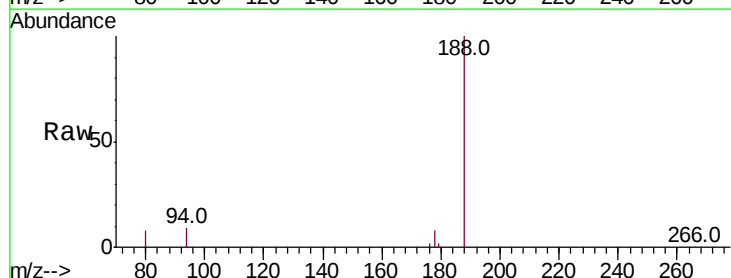
Delta R.T. -0.03 min

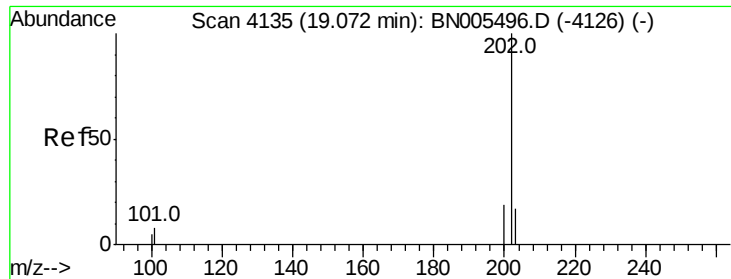
Lab File: BN005507.D

Acq: 07 May 2019 03:57

Tgt Ion:178 Resp: 1481

Ion	Ratio	Lower	Upper
178	100		
179	23.1	13.4	20.2#
176	23.9	15.1	22.7#





#15

Fluoranthene

Concen: 0.228 ng/ul m

RT: 19.06 min Scan# 4132

Delta R.T. -0.01 min

Lab File: BN005507.D

Acq: 07 May 2019 03:57

Instrument :

BNA_N

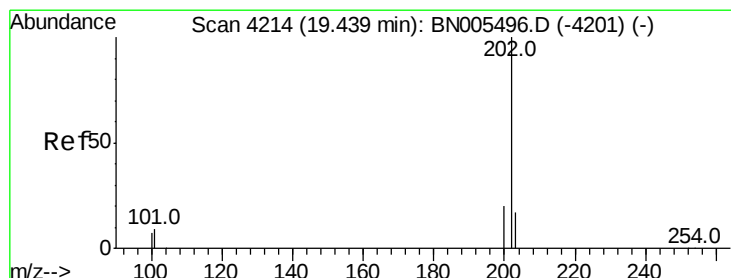
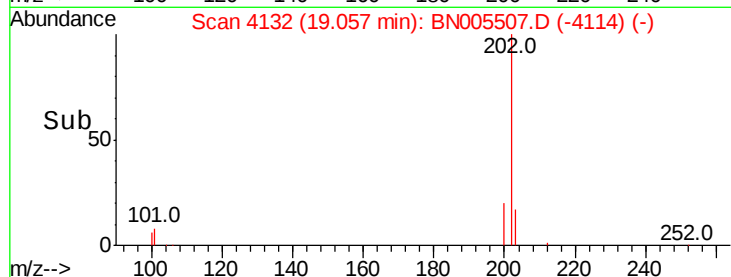
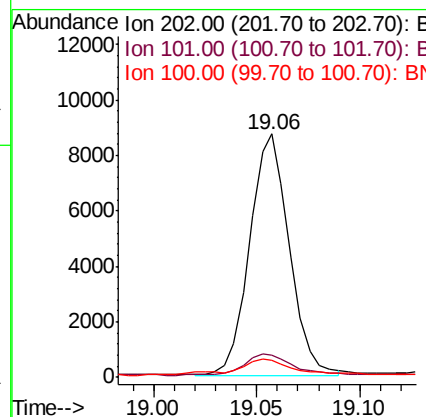
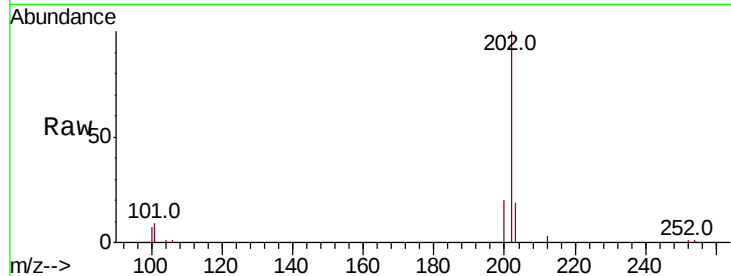
ClientSampleId :

A5125

Tot Ion:	202	Resp:	11698
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	29.4
100	7.2	0.0	27.1

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#17

Pyrene

Concen: 0.273 ng/ul m

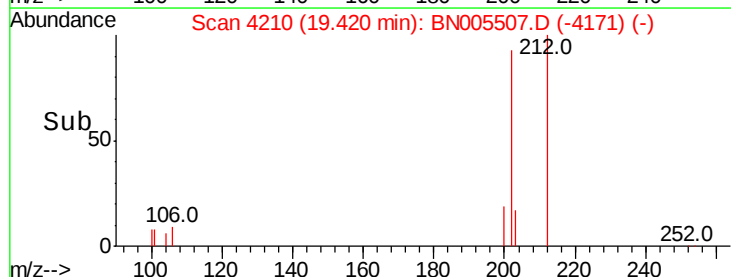
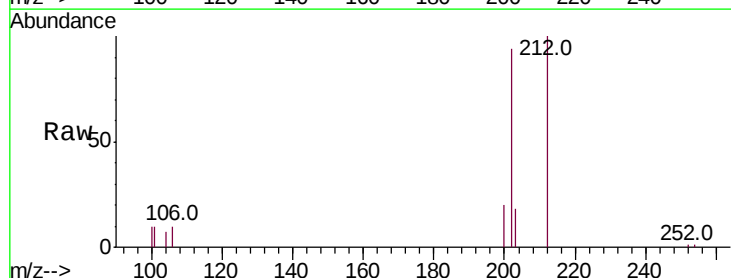
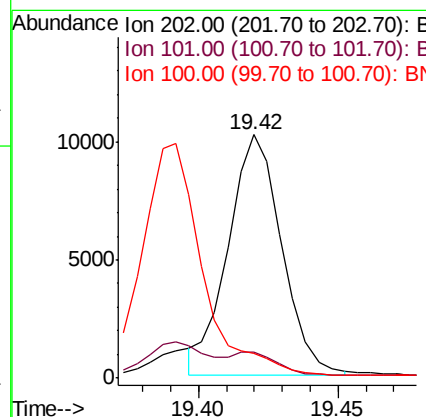
RT: 19.42 min Scan# 4210

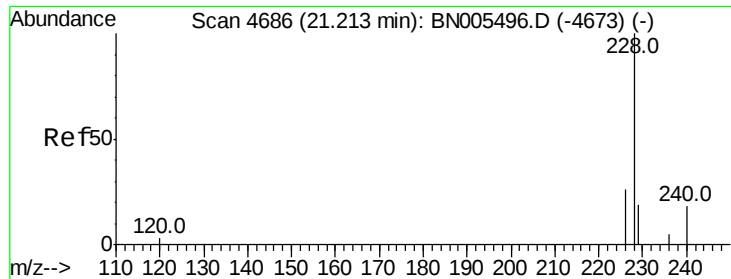
Delta R.T. -0.02 min

Lab File: BN005507.D

Acq: 07 May 2019 03:57

Tgt Ion:	202	Resp:	13698
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.5	12.7
100	10.2	6.9	10.3





#18

Benzo(a)anthracene

Concen: 0.132 ng/ul m

RT: 21.20 min Scan# 4681

Delta R.T. -0.01 min

Lab File: BN005507.D

Acq: 07 May 2019 03:57

Instrument :

BNA_N

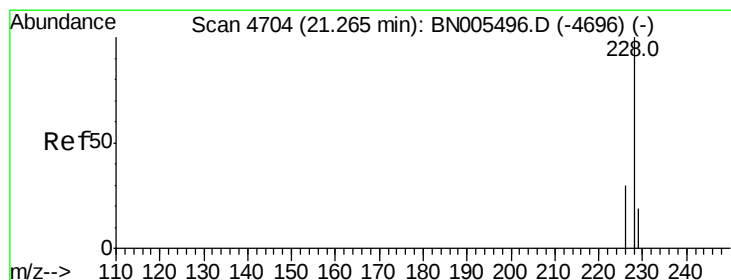
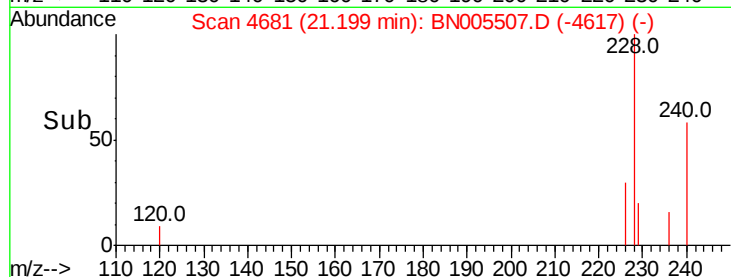
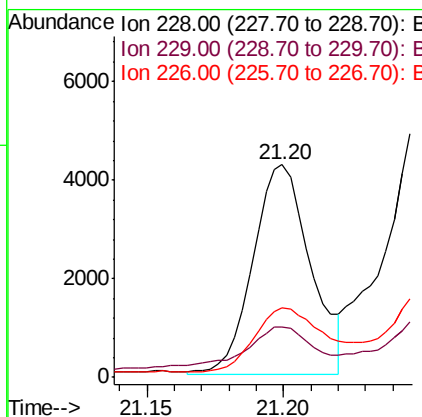
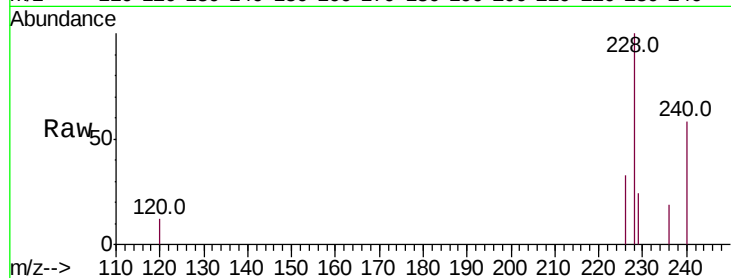
ClientSampleId :

A5125

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.7	15.8	23.8
226	32.6	21.7	32.5#

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#19

Chrysene

Concen: 0.160 ng/ul

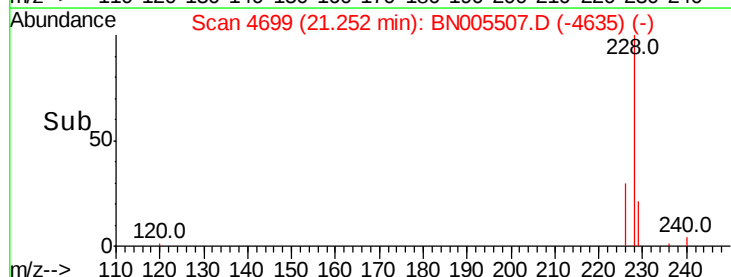
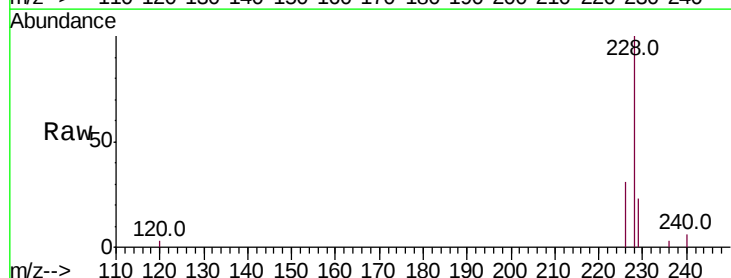
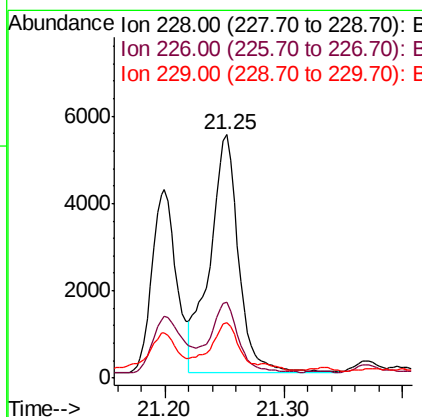
RT: 21.25 min Scan# 4699

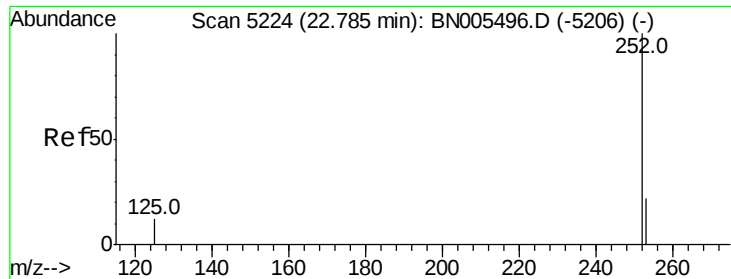
Delta R.T. -0.01 min

Lab File: BN005507.D

Acq: 07 May 2019 03:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.2	34.8
229	22.7	16.0	24.0





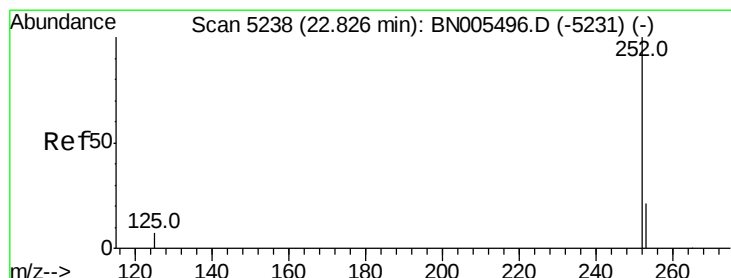
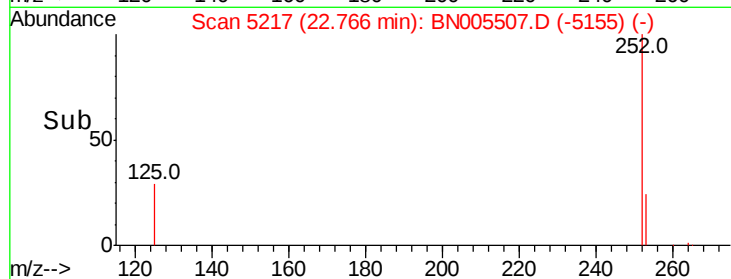
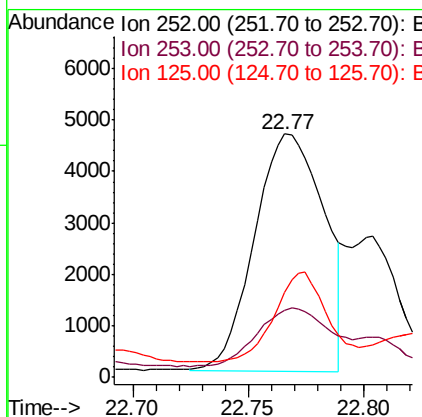
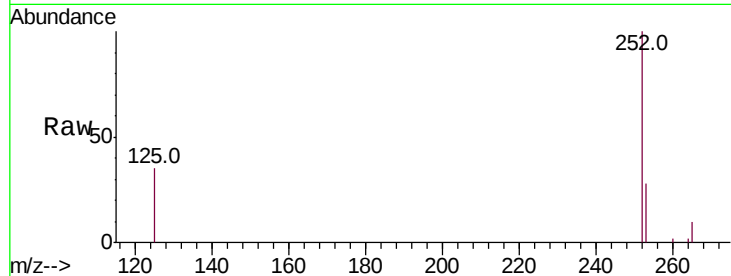
#21
Benzo(b)fluoranthene
Concen: 0.270 ng/ul m
RT: 22.77 min Scan# 5217
Delta R.T. -0.02 min
Lab File: BN005507.D
Acq: 07 May 2019 03:57

Instrument :
BNA_N
ClientSampleId :
A5125

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.6	0.0	47.6
125	34.7	0.0	20.8#

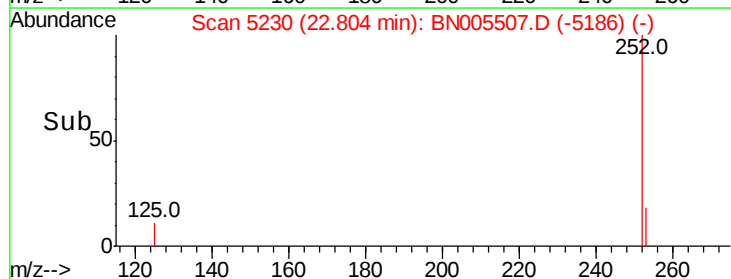
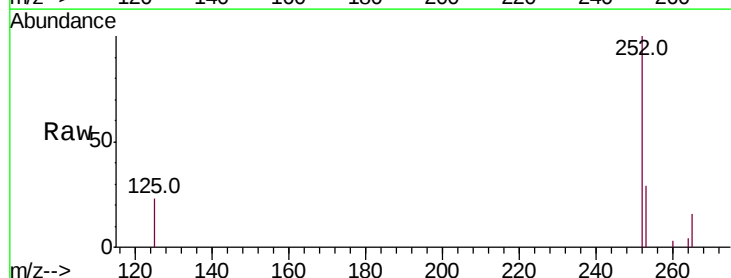
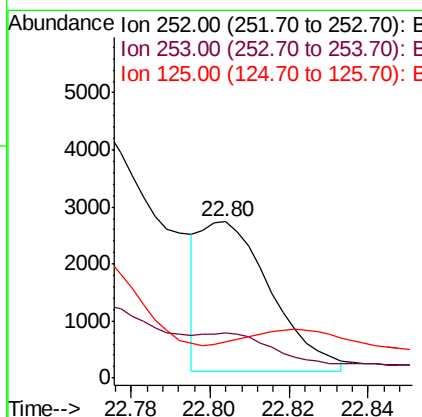
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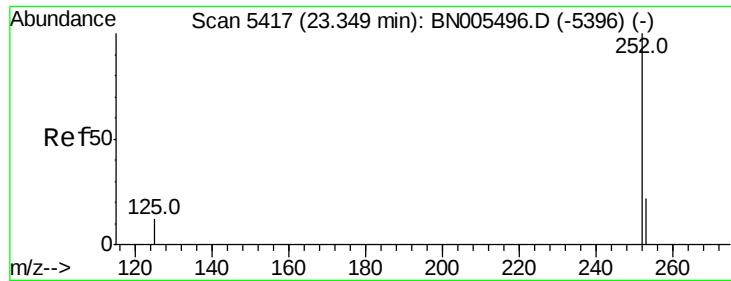
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#22
Benzo(k)fluoranthene
Concen: 0.073 ng/ul m
RT: 22.80 min Scan# 5230
Delta R.T. -0.02 min
Lab File: BN005507.D
Acq: 07 May 2019 03:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.8	18.8	28.2#
125	23.4	7.6	11.4#





#23

Benzo(a)pyrene

Concen: 0.152 ng/ul m

RT: 23.32 min Scan# 5405

Delta R.T. -0.03 min

Lab File: BN005507.D

Acq: 07 May 2019 03:57

Instrument :

BNA_N

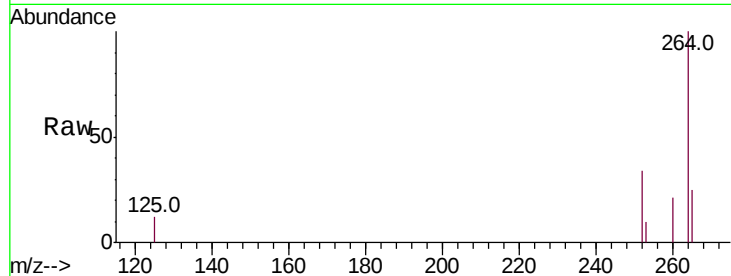
ClientSampleId :

A5125

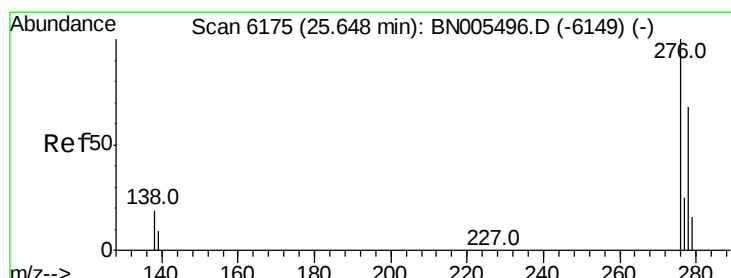
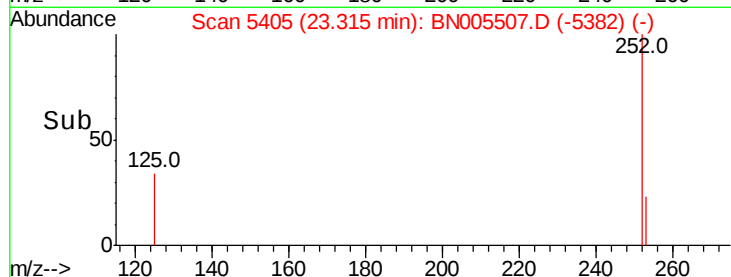
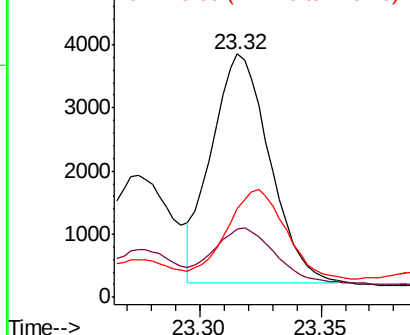
Tot Ion:	252	Resp:	6061
Ion Ratio	Lower	Upper	
252	100		
253	28.2	19.6	29.4
125	36.5	10.1	15.1#

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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.086 ng/ul m

RT: 25.61 min Scan# 6163

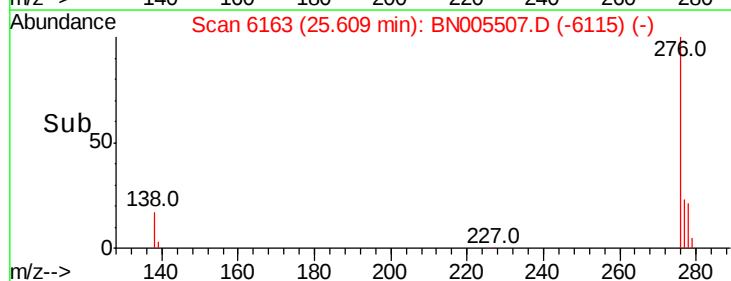
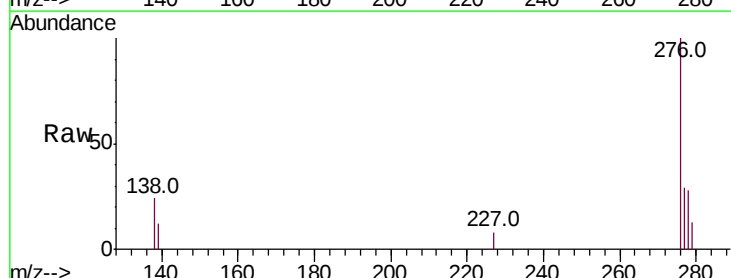
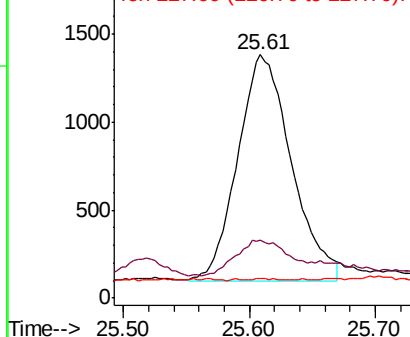
Delta R.T. -0.04 min

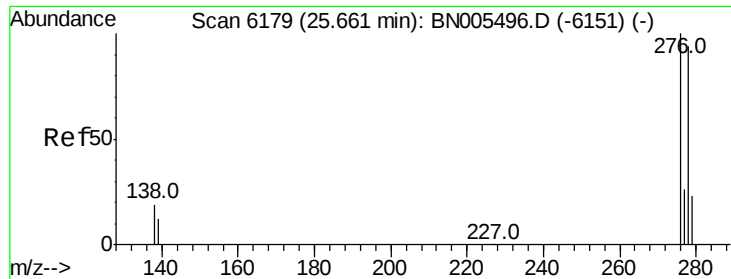
Lab File: BN005507.D

Acq: 07 May 2019 03:57

Tgt Ion:	276	Resp:	3831
Ion Ratio	Lower	Upper	
276	100		
138	1.1	15.8	23.8#
227	0.2	0.1	0.1#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.026 ng/ul m

RT: 25.62 min Scan# 6165

Delta R.T. -0.05 min

Lab File: BN005507.D

Acq: 07 May 2019 03:57

Instrument :

BNA_N

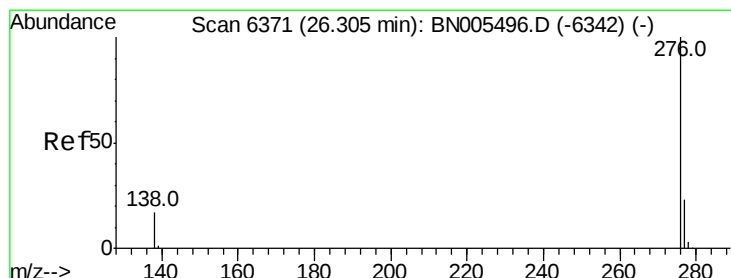
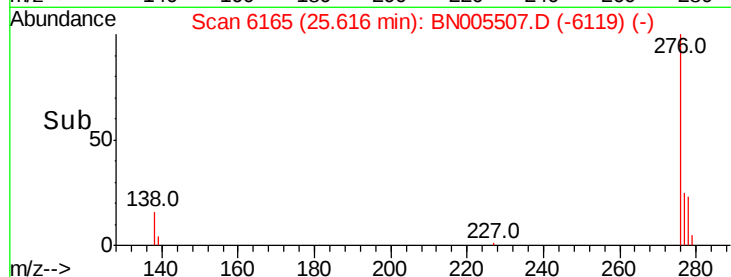
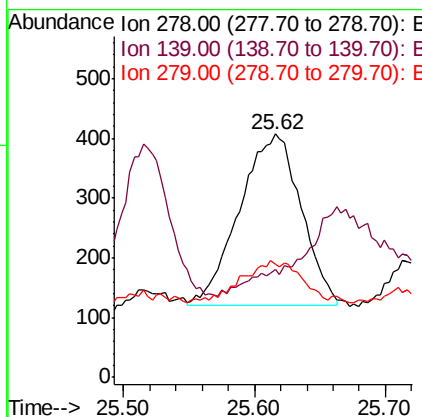
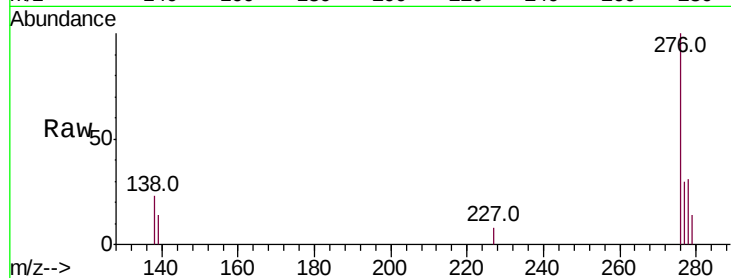
ClientSampleId :

A5125

Tot Ion	Ratio	Lower	Upper
278	100		
139	44.1	12.4	18.6#
279	46.3	21.0	31.4#

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



#26

Benzo(g,h,i)perylene

Concen: 0.074 ng/ul m

RT: 26.27 min Scan# 6361

Delta R.T. -0.03 min

Lab File: BN005507.D

Acq: 07 May 2019 03:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.1	15.6	23.4#
277	30.1	20.6	31.0

