

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
 Data File : BN008508.D
 Acq On : 08 Nov 2019 14:39
 Operator : JU
 Sample : K5699-03MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F2J00MSD

Manual Integrations
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 11/11/2019 8:09:02 AM

Quant Time: Nov 08 15:29:58 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	1265	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	5746	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	3477	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	7416	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	6875	0.40	ng/ul	-0.01
20) Perylene-d12	23.31	264	5991	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2320	0.26	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	8201	0.37	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	46669	2.854	ng/ul	97
5) 2-Methylnaphthalene	11.99	142	3643	0.335	ng/ul	99
7) Acenaphthylene	13.91	152	2575	0.159	ng/ul	95
8) Acenaphthene	14.25	153	7391	0.564	ng/ul	98
9) Fluorene	15.25	166	2457	0.171	ng/ul	99
11) Pentachlorophenol	16.60	266	549	0.340	ng/ul	99
12) Phenanthrene	16.98	178	4079	0.181	ng/ul	97
13) Anthracene	17.07	178	7480	0.379	ng/ul	99
15) Fluoranthene	19.00	202	23633	0.914	ng/ul	99
17) Pyrene	19.37	202	42674	1.271	ng/ul	98
18) Benzo(a)anthracene	21.13	228	13921	0.582	ng/ul	97
19) Chrysene	21.18	228	11830	0.388	ng/ul	97
21) Benzo(b)fluoranthene	22.67	252	30987m	1.388	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	10426m	0.411	ng/ul	
23) Benzo(a)pyrene	23.22	252	12171	0.541	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.45	276	7026	0.275	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.45	278	1774	0.088	ng/ul#	73
26) Benzo(g,h,i)perylene	26.10	276	5903	0.258	ng/ul	98

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

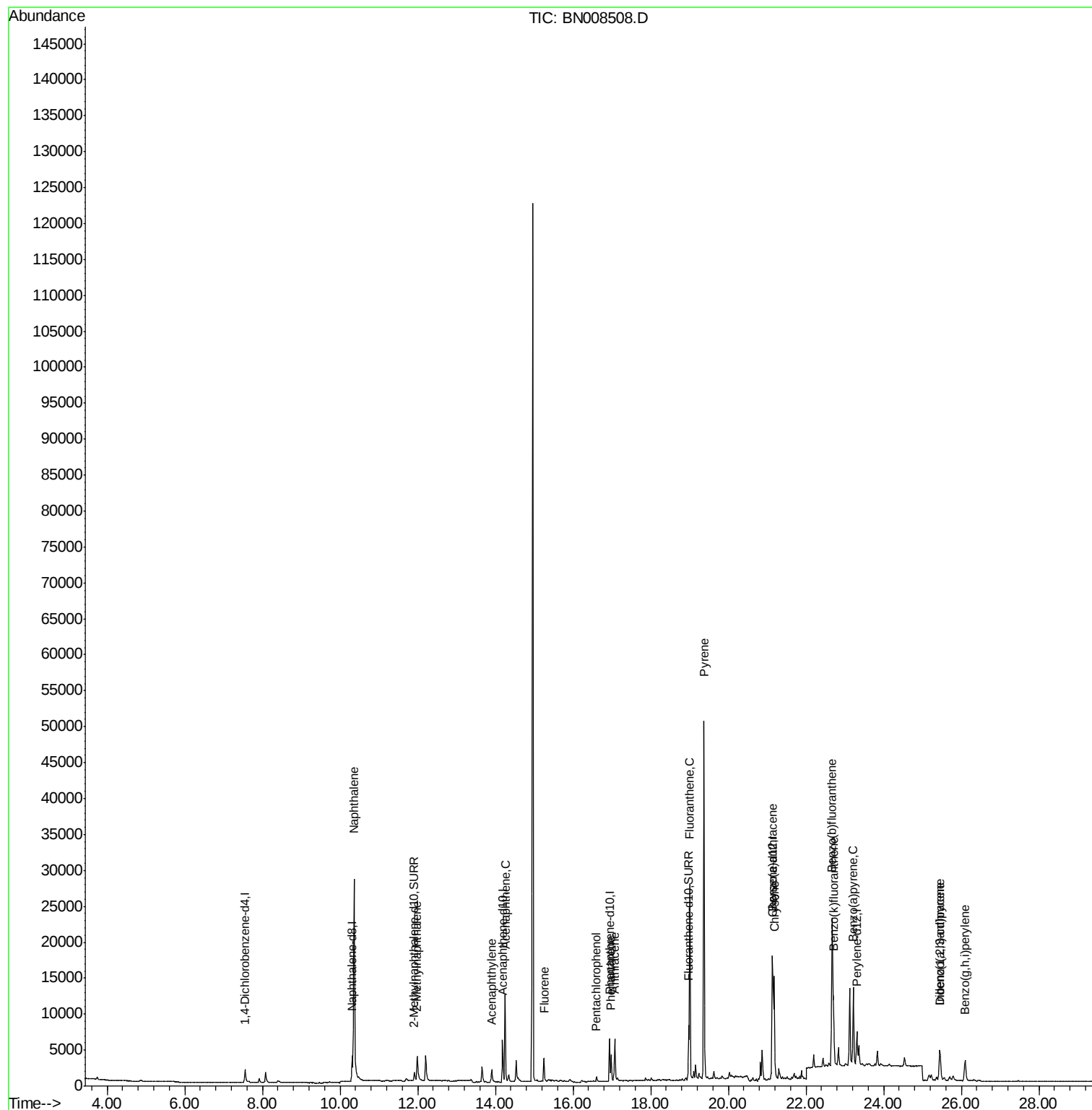
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ALS Vial : 28 Sample Multiplier: 1

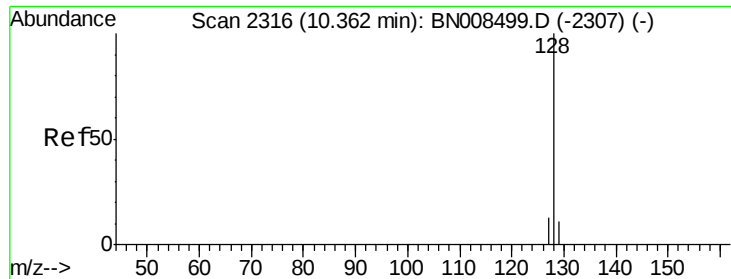
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#3

Naphthalene

Concen: 2.854 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BN008508.D

Acq: 08 Nov 2019 14:39

Instrument :

BNA_N

ClientSampleId :

F2J00MSD

Tot Ion:128 Resp: 46669

Ion Ratio Lower Upper

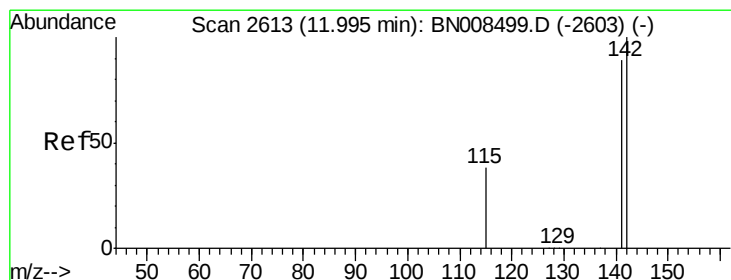
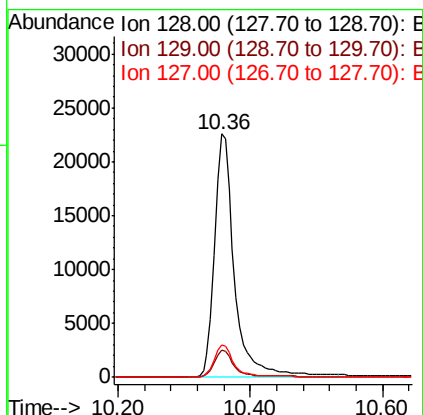
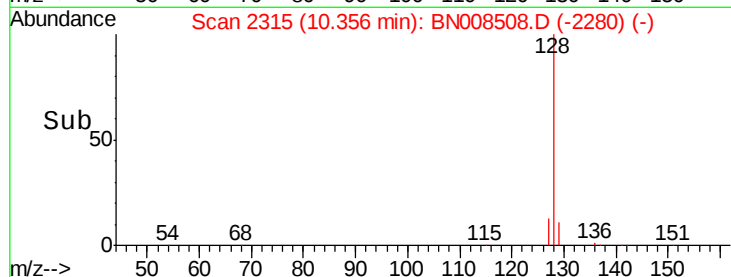
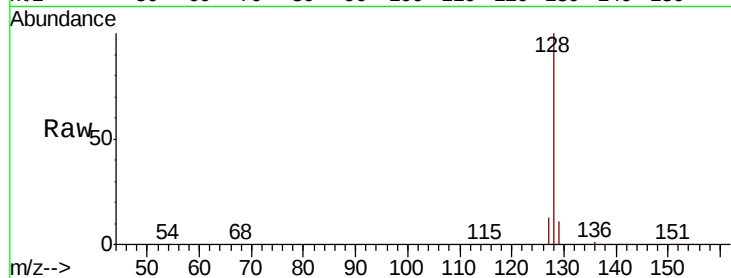
128 100

129 11.0 10.0 15.0

127 13.4 11.6 17.4

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#5

2-Methylnaphthalene

Concen: 0.335 ng/ul

RT: 11.99 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BN008508.D

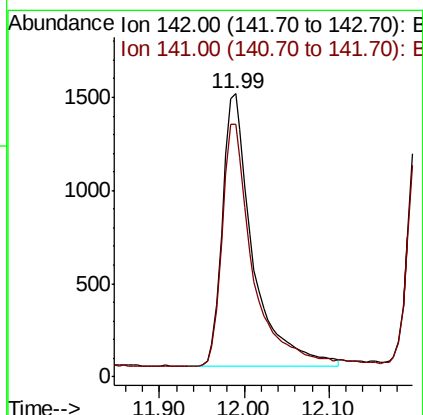
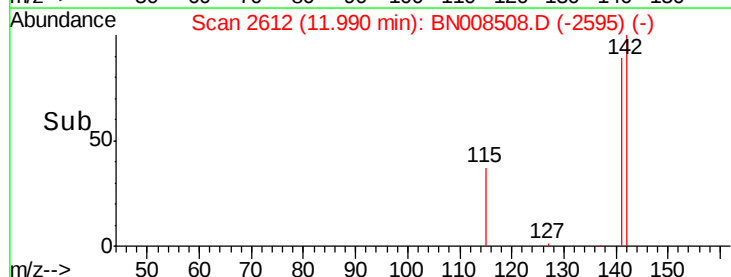
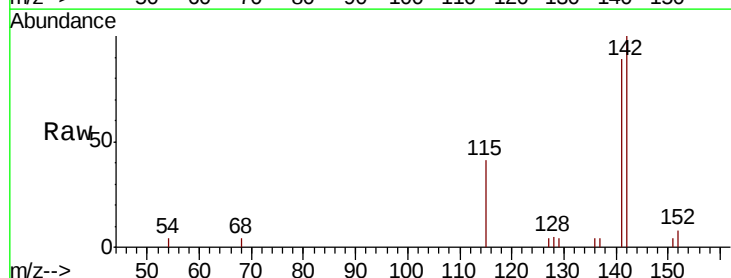
Acq: 08 Nov 2019 14:39

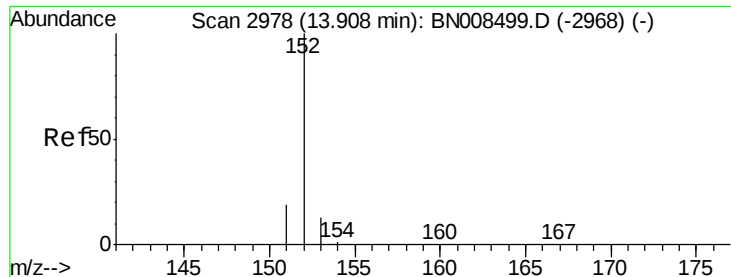
Tgt Ion:142 Resp: 3643

Ion Ratio Lower Upper

142 100

141 89.8 72.8 109.2





#7

Acenaphthylene

Concen: 0.159 ng/ul

RT: 13.91 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BN008508.D

Acq: 08 Nov 2019 14:39

Instrument :

BNA_N

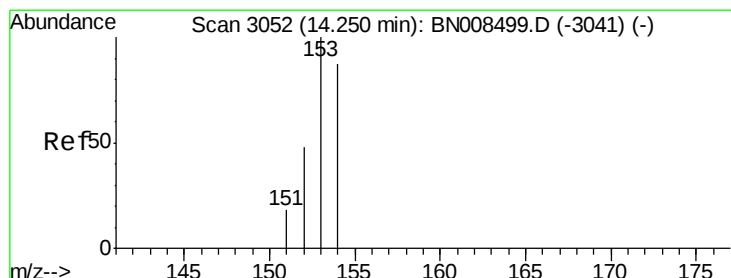
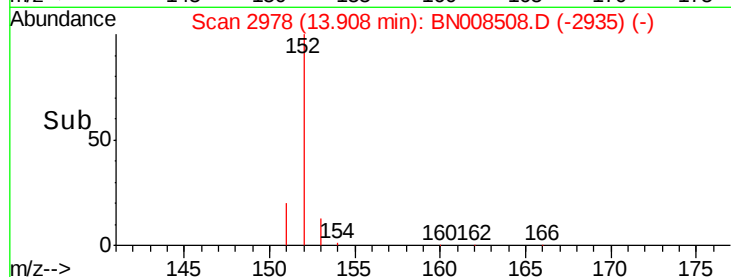
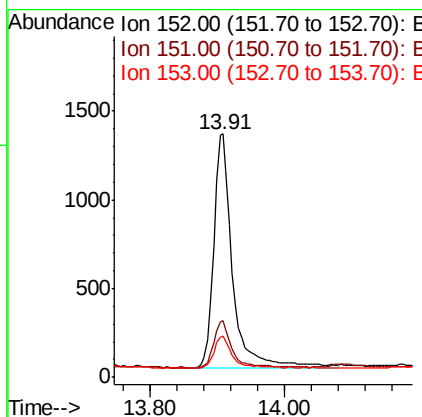
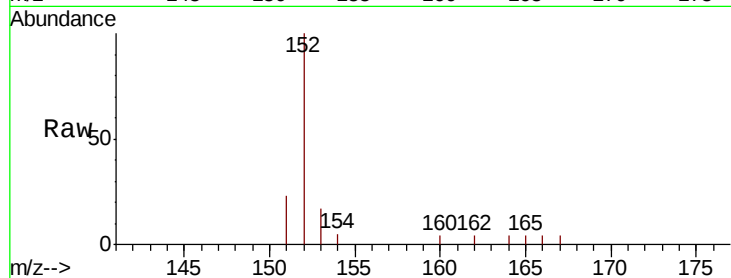
ClientSampleId :

F2J00MSD

Tot Ion:	152	Resp:	2575
Ion Ratio	Lower	Upper	
152	100		
151	23.2	16.7	25.1
153	16.8	11.4	17.2

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#8

Acenaphthene

Concen: 0.564 ng/ul

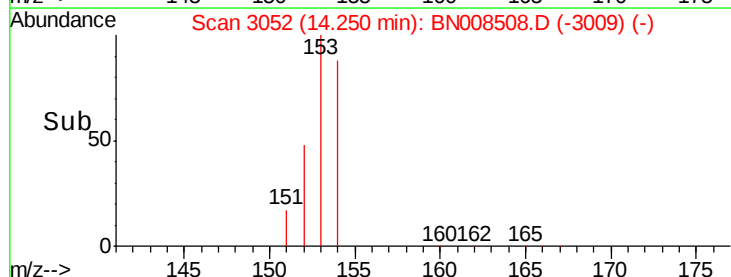
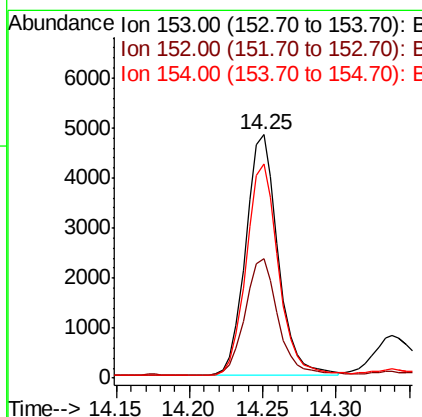
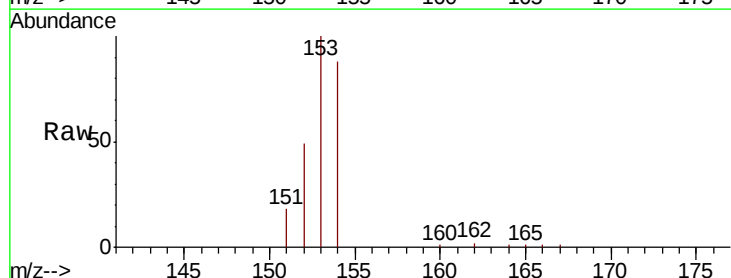
RT: 14.25 min Scan# 3052

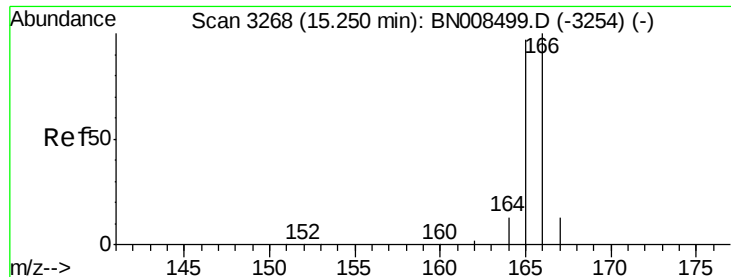
Delta R.T. -0.00 min

Lab File: BN008508.D

Acq: 08 Nov 2019 14:39

Tgt Ion:	153	Resp:	7391
Ion Ratio	Lower	Upper	
153	100		
152	48.9	39.8	59.8
154	87.7	71.6	107.4





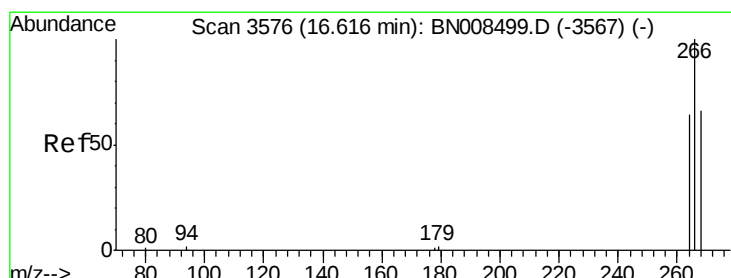
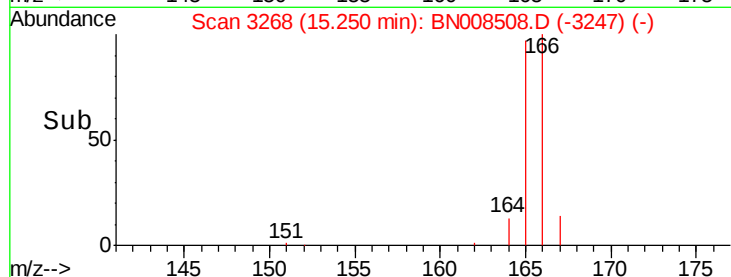
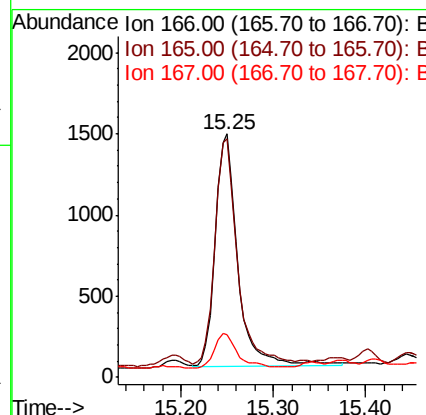
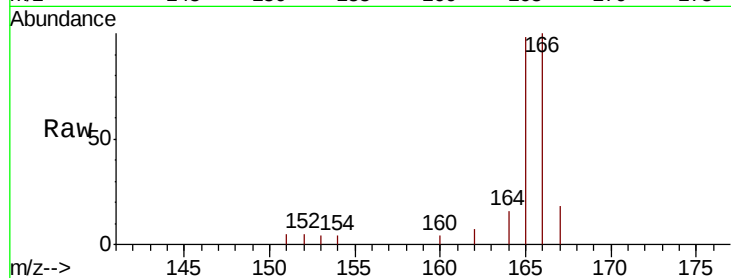
#9
Fluorene
 Concen: 0.171 ng/ul
 RT: 15.25 min Scan# 3268
 Delta R.T. -0.00 min
 Lab File: BN008508.D
 Acq: 08 Nov 2019 14:39

Instrument :
 BNA_N
 ClientSampleId :
 F2J00MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.2	117.2
167	17.6	12.1	18.1

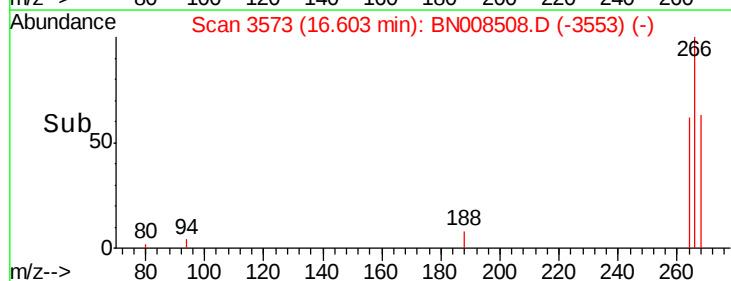
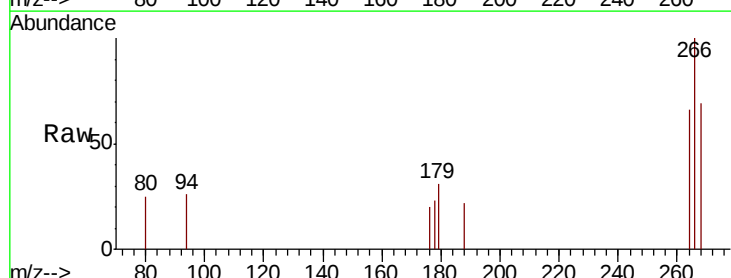
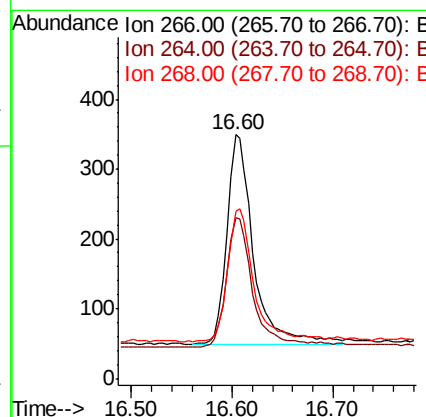
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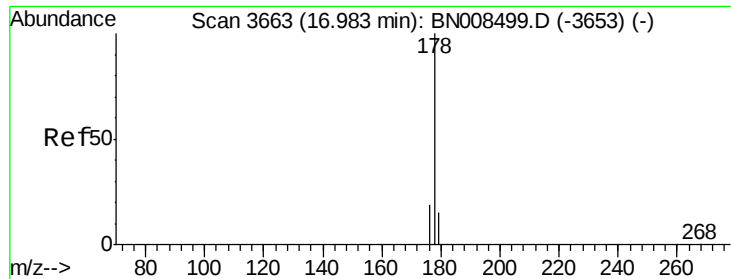
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#11
Pentachlorophenol
 Concen: 0.340 ng/ul
 RT: 16.60 min Scan# 3573
 Delta R.T. -0.02 min
 Lab File: BN008508.D
 Acq: 08 Nov 2019 14:39

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.0	49.8	74.8
268	63.0	51.0	76.6





#12

Phenanthrene

Concen: 0.181 ng/ul

RT: 16.98 min Scan# 3662

Delta R.T. -0.01 min

Lab File: BN008508.D

Acq: 08 Nov 2019 14:39

Instrument :

BNA_N

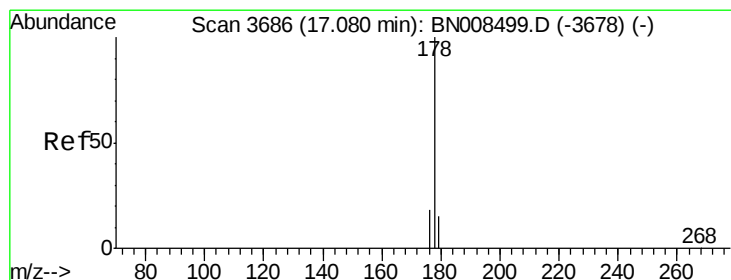
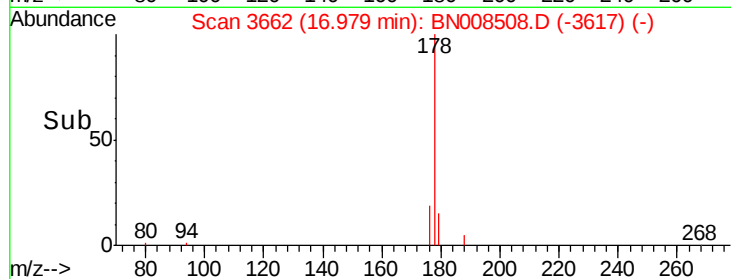
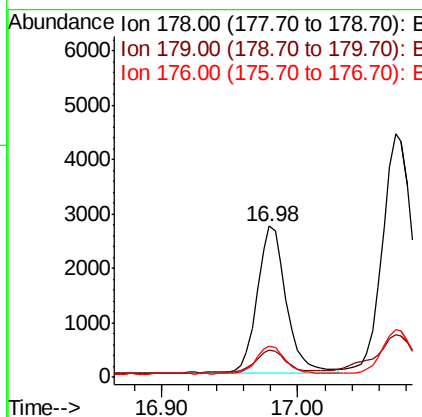
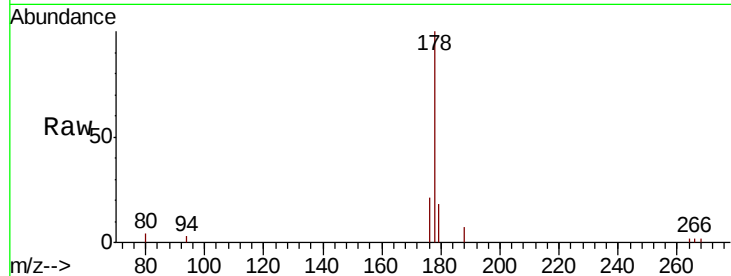
ClientSampleId :

F2J00MSD

Tot Ion:178	Resp:	4079
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: 0.379 ng/ul

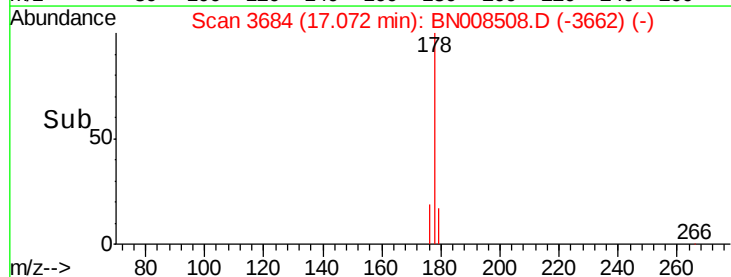
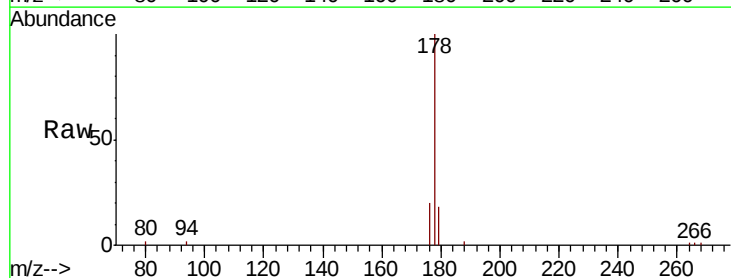
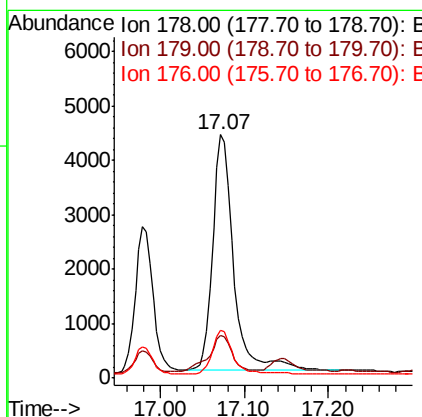
RT: 17.07 min Scan# 3684

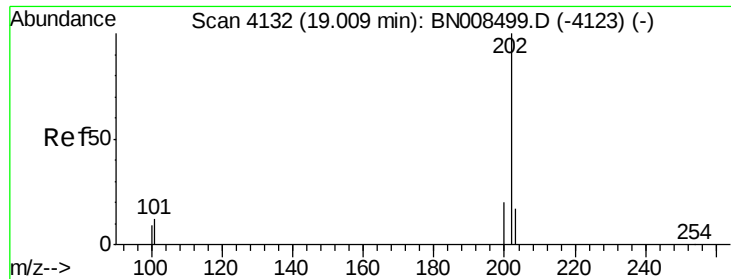
Delta R.T. -0.01 min

Lab File: BN008508.D

Acq: 08 Nov 2019 14:39

Tgt Ion:178	Resp:	7480
Ion Ratio	Lower	Upper
178	100	
179	17.8	13.7 20.5
176	19.9	15.7 23.5





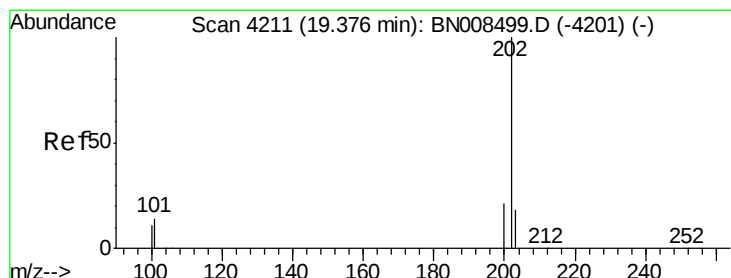
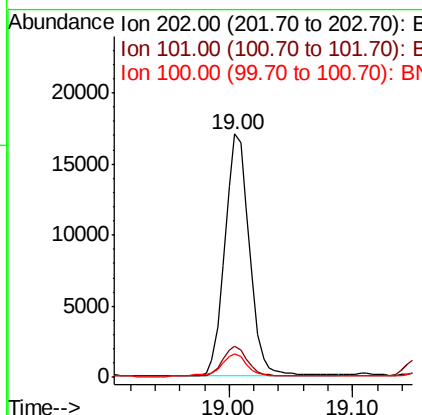
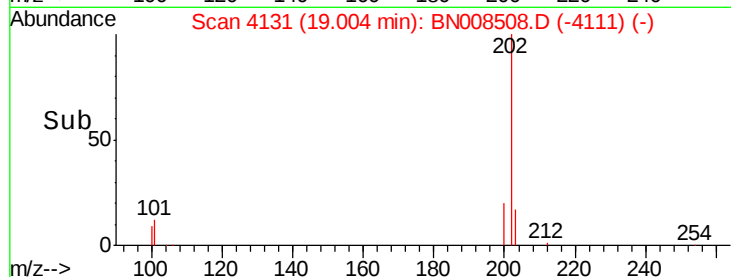
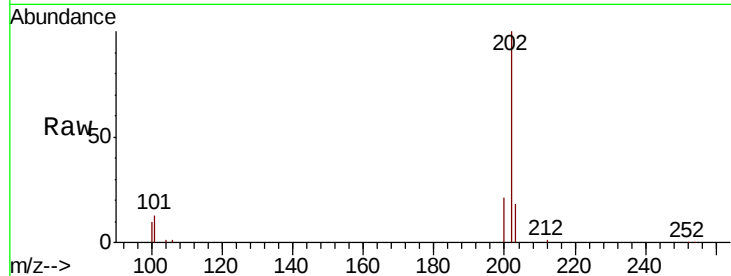
#15
Fluoranthene
Concen: 0.914 ng/ul
RT: 19.00 min Scan# 4131
Delta R.T. -0.01 min
Lab File: BN008508.D
Acq: 08 Nov 2019 14:39

Instrument :
BNA_N
ClientSampleId :
F2J00MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	0.0	33.0
100	9.7	0.0	30.2

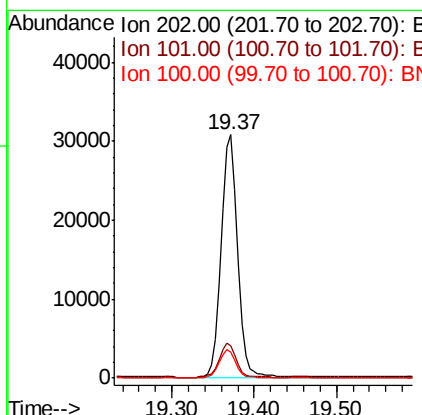
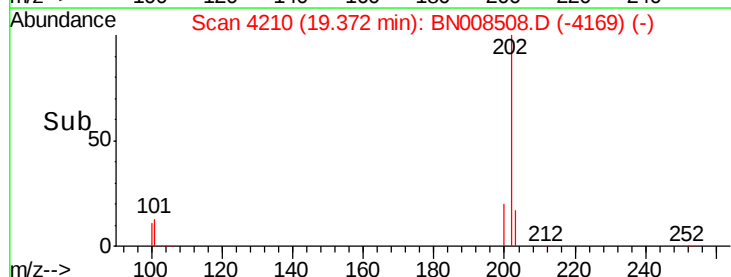
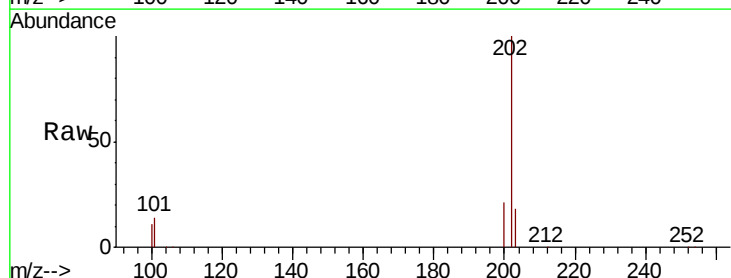
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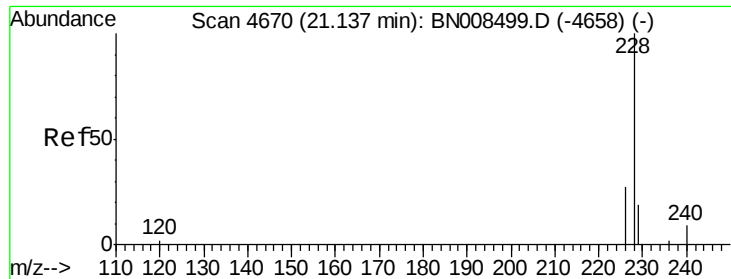
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#17
Pyrene
Concen: 1.271 ng/ul
RT: 19.37 min Scan# 4210
Delta R.T. -0.01 min
Lab File: BN008508.D
Acq: 08 Nov 2019 14:39

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.6	11.6	17.4
100	10.9	9.4	14.0





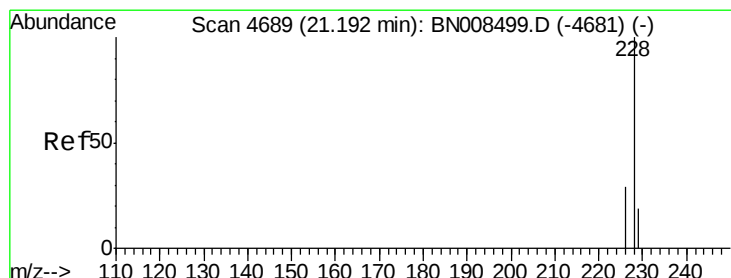
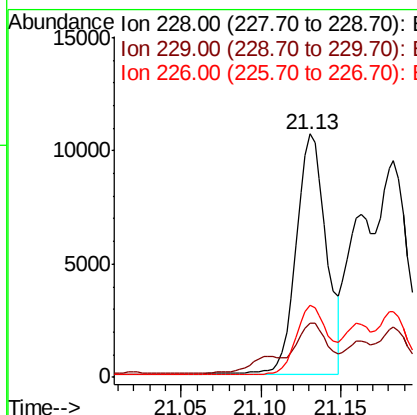
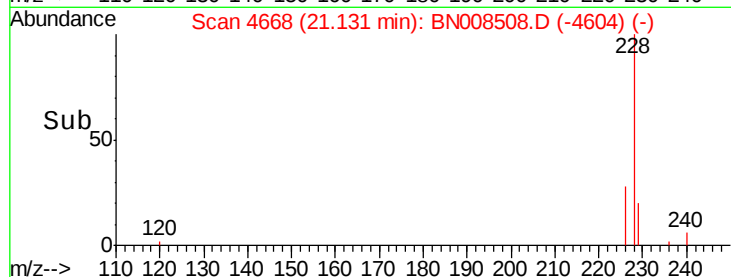
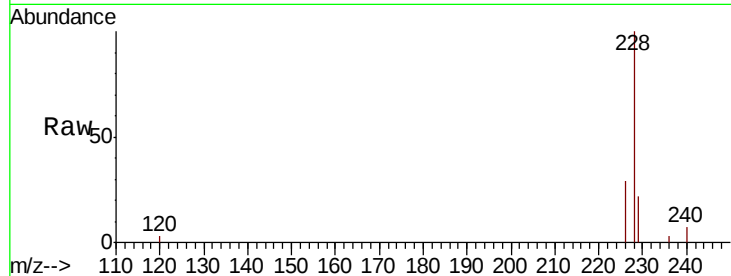
#18
Benzo(a)anthracene
Concen: 0.582 ng/ul
RT: 21.13 min Scan# 4668
Delta R.T. -0.01 min
Lab File: BN008508.D
Acq: 08 Nov 2019 14:39

Instrument :
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ClientSampleId :
F2J00MSD

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.5	16.6	24.8
226	29.4	22.8	34.2

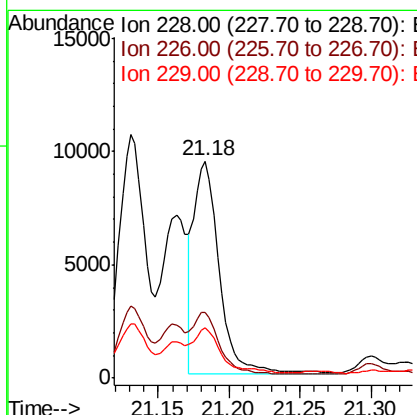
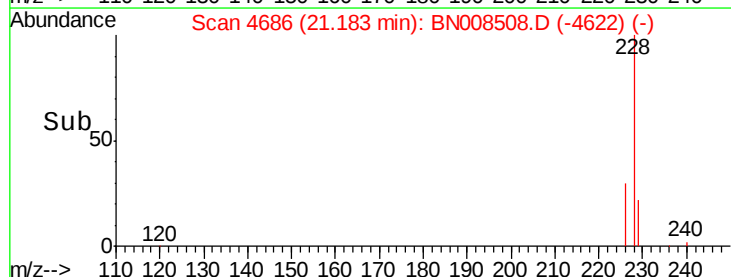
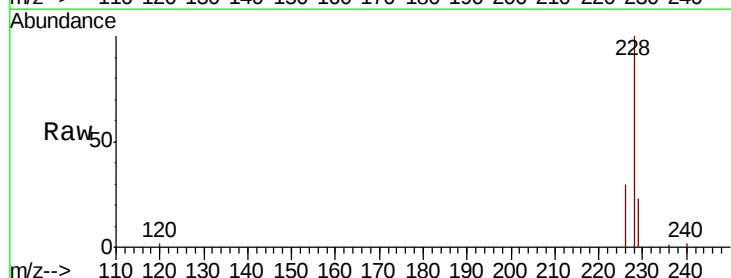
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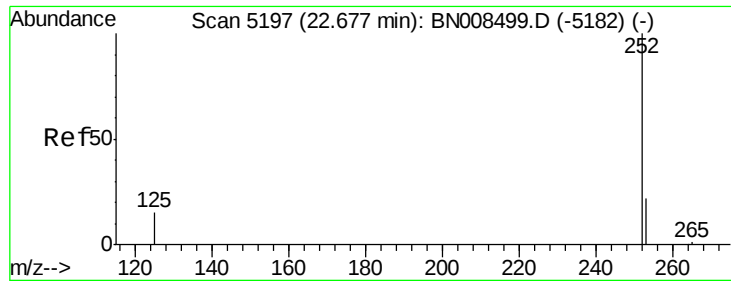
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#19
Chrysene
Concen: 0.388 ng/ul
RT: 21.18 min Scan# 4686
Delta R.T. -0.01 min
Lab File: BN008508.D
Acq: 08 Nov 2019 14:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	23.0	16.6	25.0





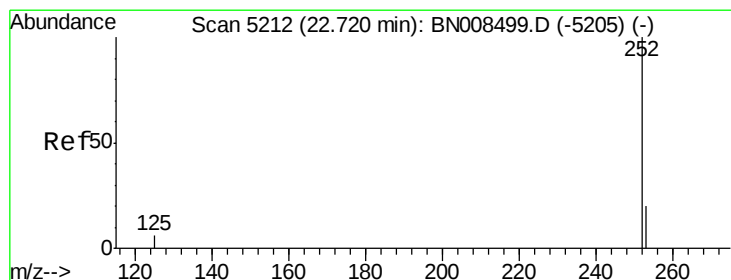
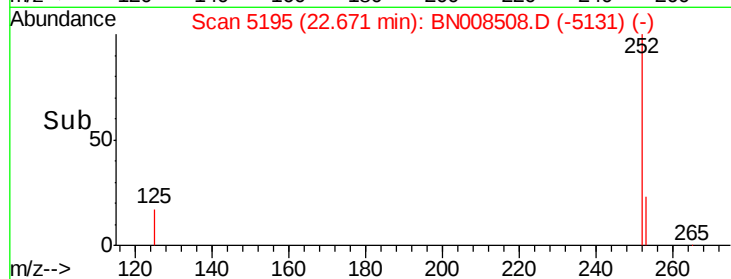
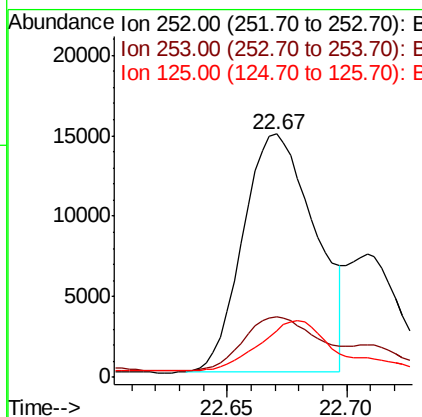
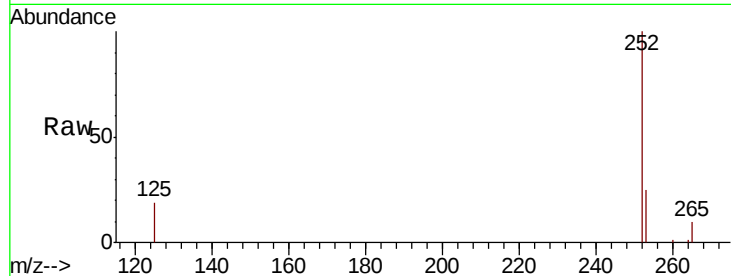
#21
Benzo(b)fluoranthene
Concen: 1.388 ng/ul m
RT: 22.67 min Scan# 5195
Delta R.T. -0.01 min
Lab File: BN008508.D
Acq: 08 Nov 2019 14:39

Instrument :
BNA_N
ClientSampleId :
F2J00MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	58.4
125	19.0	0.0	58.6

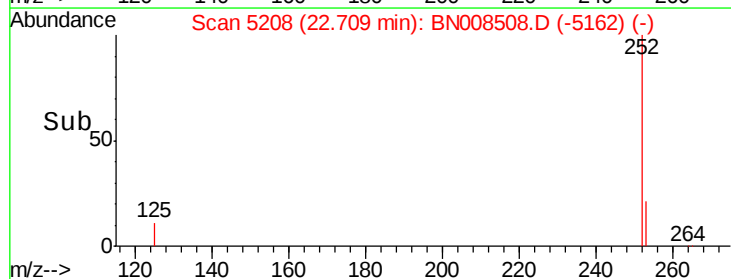
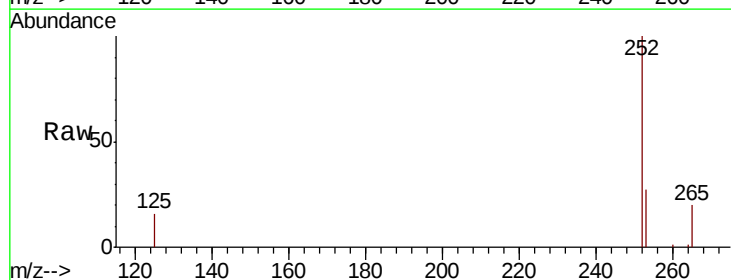
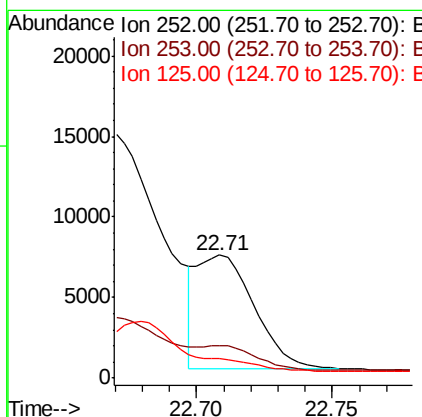
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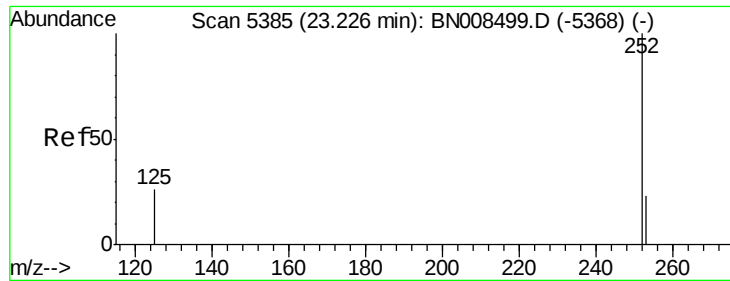
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#22
Benzo(k)fluoranthene
Concen: 0.411 ng/ul m
RT: 22.71 min Scan# 5208
Delta R.T. -0.01 min
Lab File: BN008508.D
Acq: 08 Nov 2019 14:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	22.6	34.0
125	15.6	14.7	22.1





#23

Benzo(a)pyrene

Concen: 0.541 ng/ul

RT: 23.22 min Scan# 5382

Delta R.T. -0.01 min

Lab File: BN008508.D

Acq: 08 Nov 2019 14:39

Instrument :

BNA_N

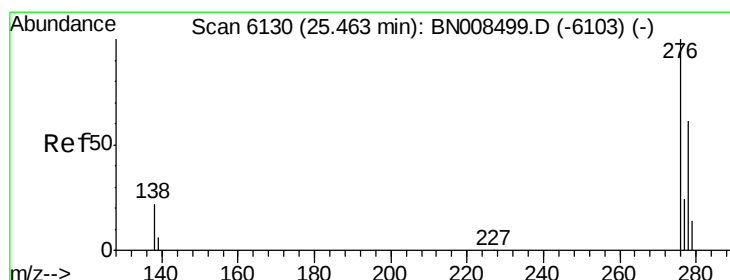
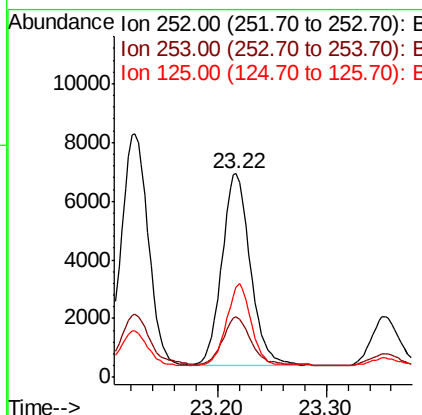
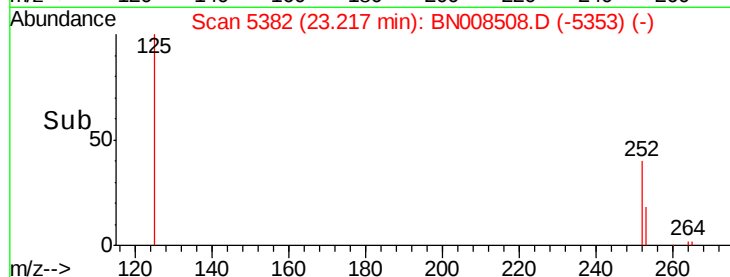
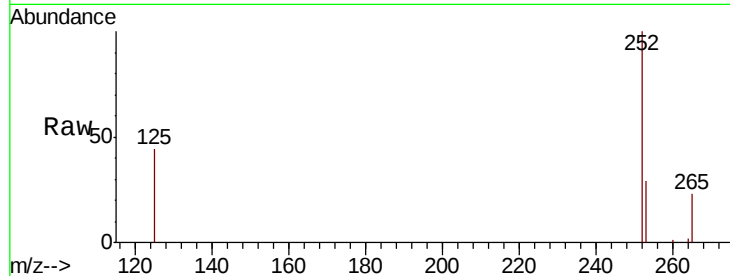
ClientSampleId :

F2J00MSD

Tot Ion:	252	Resp:	12171
Ion Ratio	Lower	Upper	
252	100		
253	29.5	27.2	40.8
125	44.0	37.0	55.6

Manual Integrations
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mohammad
11/11/2019 8:09:02 AM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.275 ng/ul

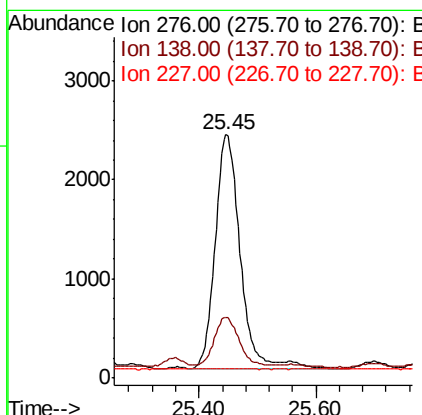
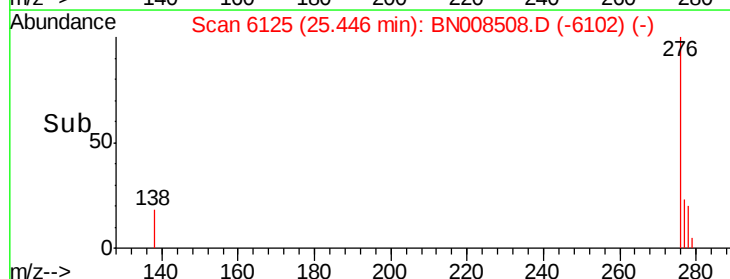
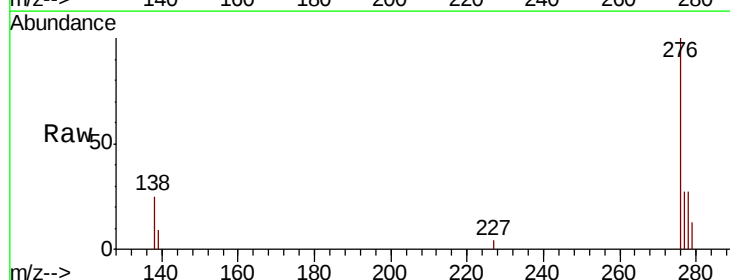
RT: 25.45 min Scan# 6125

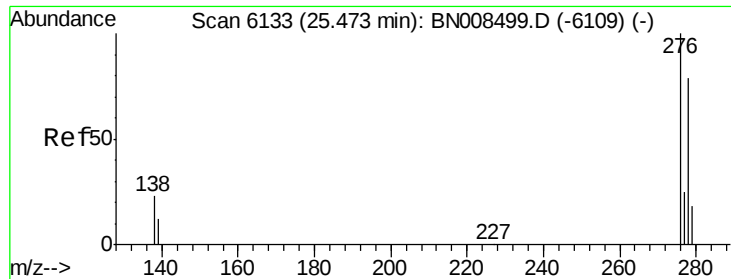
Delta R.T. -0.02 min

Lab File: BN008508.D

Acq: 08 Nov 2019 14:39

Tgt Ion:	276	Resp:	7026
Ion Ratio	Lower	Upper	
276	100		
138	21.5	18.3	27.5
227	0.1	0.0	0.0#





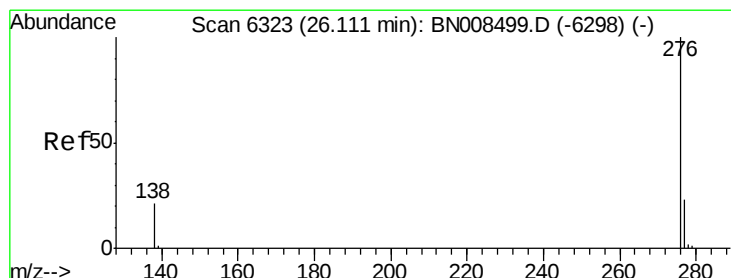
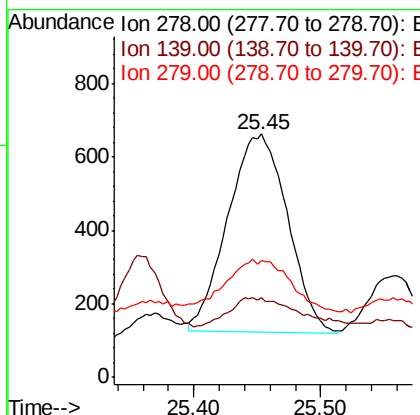
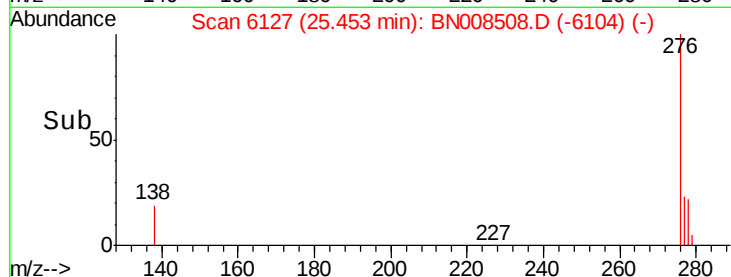
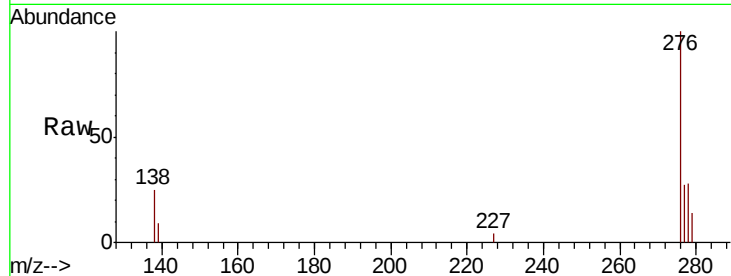
#25
Dibenzo(a,h)anthracene
Concen: 0.088 ng/ul
RT: 25.45 min Scan# 6127
Delta R.T. -0.02 min
Lab File: BN008508.D
Acq: 08 Nov 2019 14:39

Instrument :
BNA_N
ClientSampled :
F2J00MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	32.6	17.6	26.4#
279	48.1	25.1	37.7#

Manual Integrations
APPROVED

mohammad
11/11/2019 8:09:02 AM



#26
Benzo(g,h,i)perylene
Concen: 0.258 ng/ul
RT: 26.10 min Scan# 6320
Delta R.T. -0.02 min
Lab File: BN008508.D
Acq: 08 Nov 2019 14:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.1	30.1
277	27.2	20.6	31.0

