

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008290.D
 Acq On : 21 Oct 2019 19:27
 Operator : JU
 Sample : K5178-21DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPJ3DL

Manual Integrations
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mohammad
 10/22/2019 3:27:43 PM

Quant Time: Oct 22 00:24:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 23:58:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1965	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9314	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5968	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12730	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	13094	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	11282	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	840	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	2921	0.07	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.40	128	1082	0.041	ng/ul#	83
5) 2-Methylnaphthalene	12.03	142	590	0.032	ng/ul	95
7) Acenaphthylene	13.94	152	3596	0.127	ng/ul	96
8) Acenaphthene	14.29	153	1460	0.066	ng/ul	98
9) Fluorene	15.28	166	1964	0.078	ng/ul#	97
12) Phenanthrene	17.01	178	44099	1.183	ng/ul	99
13) Anthracene	17.10	178	8024	0.245	ng/ul	98
15) Fluoranthene	19.04	202	119983	2.437	ng/ul	97
17) Pyrene	19.40	202	120343	2.308	ng/ul	100
18) Benzo(a)anthracene	21.16	228	63896	1.342	ng/ul	98
19) Chrysene	21.22	228	74835	1.281	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	81089m	2.208	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	27744m	0.667	ng/ul	
23) Benzo(a)pyrene	23.26	252	55933	1.447	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.51	276	31745	0.697	ng/ul	99
25) Dibenzo(a,h)anthracene	25.51	278	7503	0.209	ng/ul	92
26) Benzo(a,h,i)perylene	26.16	276	30071	0.720	ng/ul	98

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

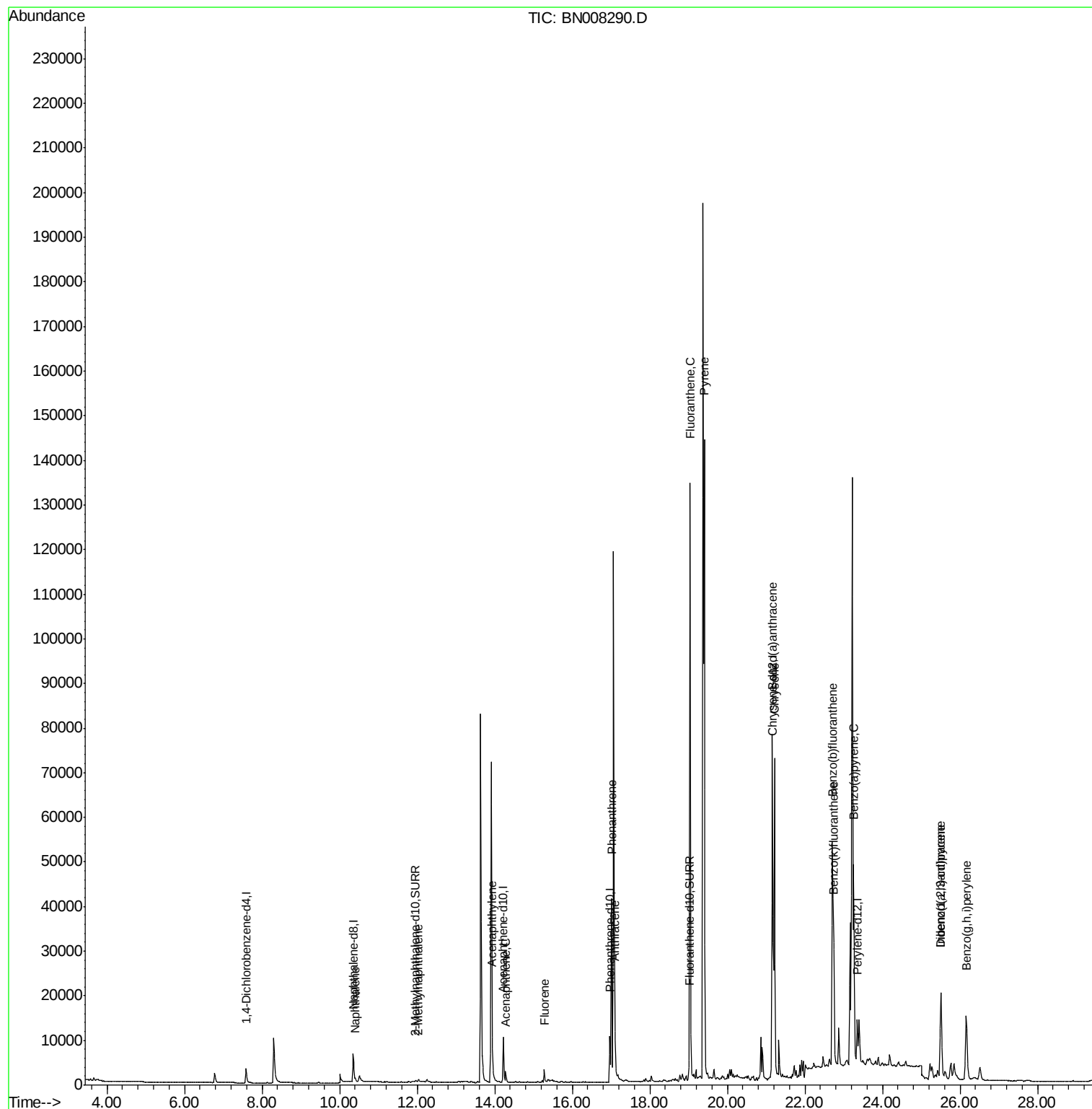
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
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ALS Vial : 18 Sample Multiplier: 1

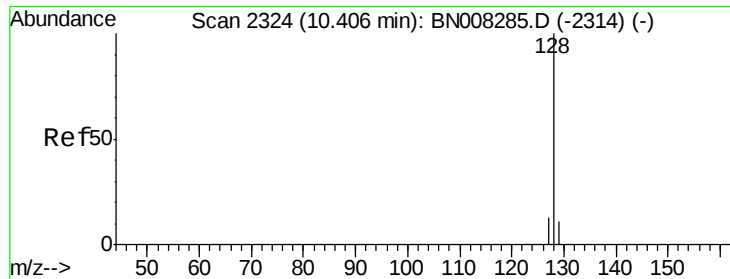
Instrument :
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Quant Time: Oct 22 00:24:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Mon Oct 21 23:58:15 2019
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#3

Naphthalene

Concen: 0.041 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BN008290.D

Acq: 21 Oct 2019 19:27

Instrument :

BNA_N

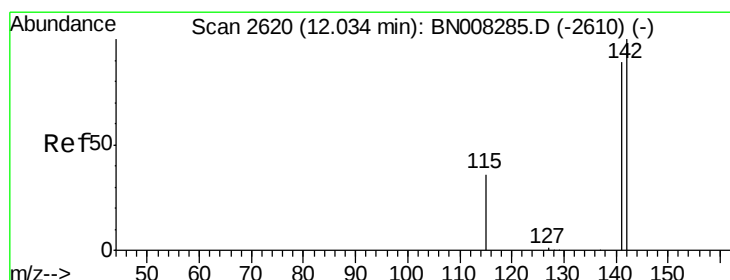
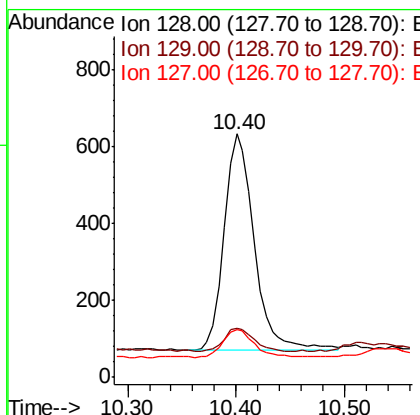
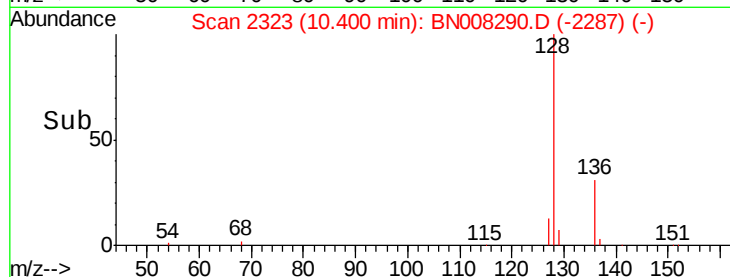
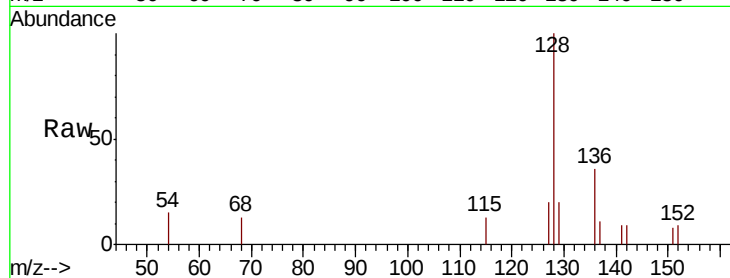
ClientSampleId :

BEPJ3DL

Tot Ion:	128	Resp:	1082
Ion Ratio	Lower	Upper	
128	100		
129	20.0	9.8	14.8#
127	19.9	11.1	16.7#

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#5

2-Methylnaphthalene

Concen: 0.032 ng/ul

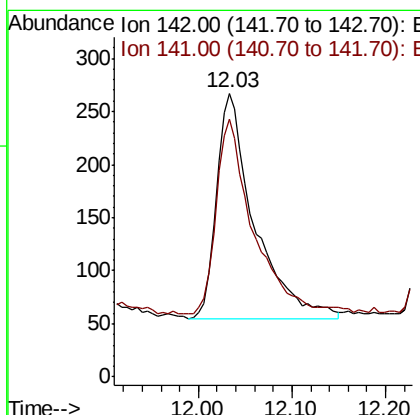
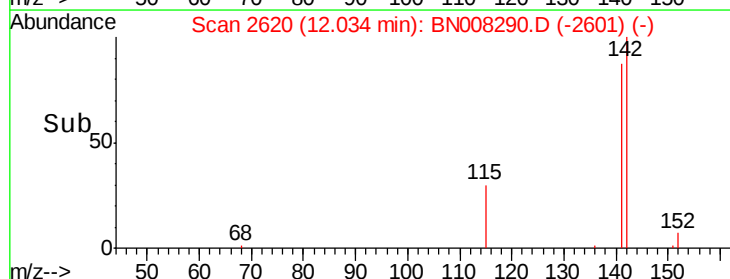
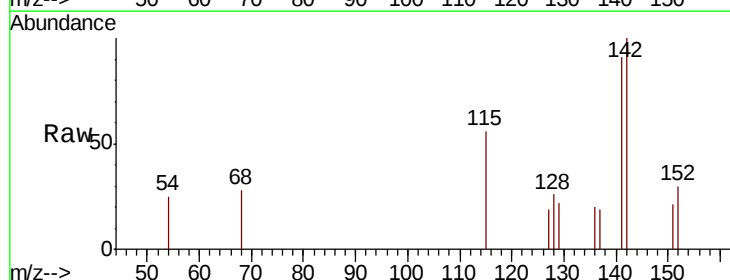
RT: 12.03 min Scan# 2620

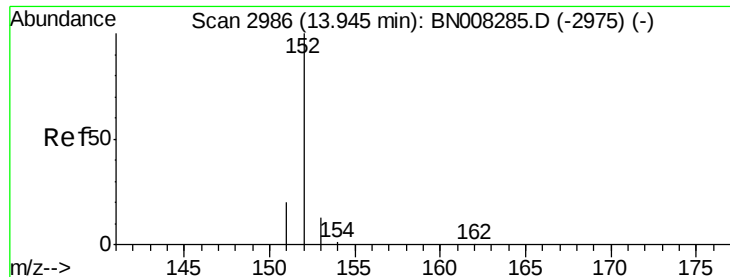
Delta R.T. 0.01 min

Lab File: BN008290.D

Acq: 21 Oct 2019 19:27

Tgt Ion:	142	Resp:	590
Ion Ratio	Lower	Upper	
142	100		
141	84.9	71.4	107.2





#7

Acenaphthylene

Concen: 0.127 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BN008290.D

Acq: 21 Oct 2019 19:27

Instrument :

BNA_N

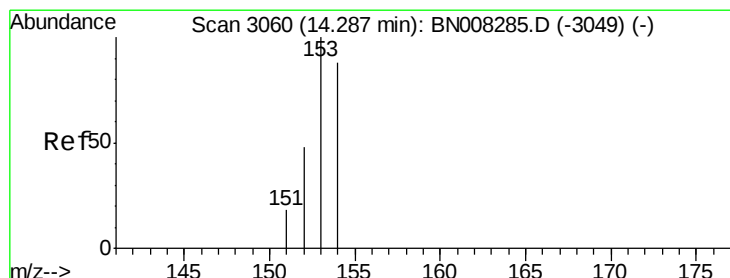
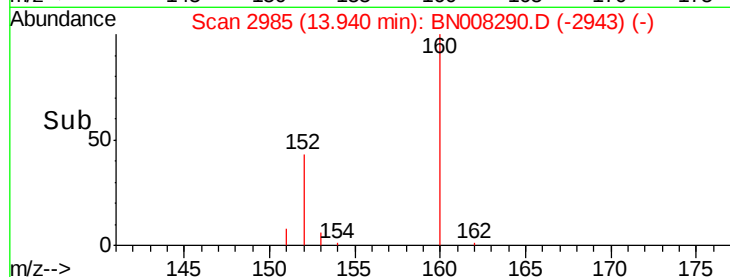
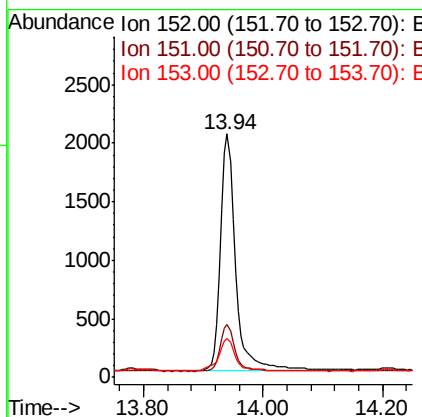
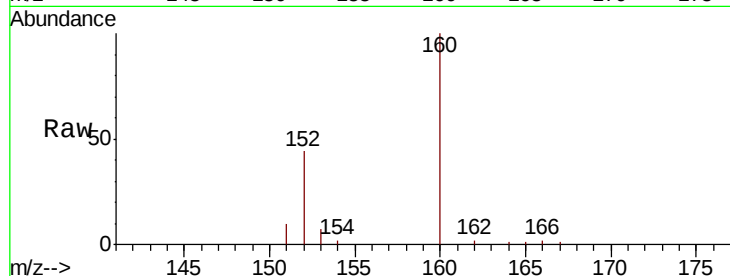
ClientSampled :

BEPJ3DL

Tot Ion:	152	Resp:	3596
Ion Ratio	Lower	Upper	
152	100		
151	21.9	16.2	24.4
153	15.7	11.0	16.4

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#8

Acenaphthene

Concen: 0.066 ng/ul

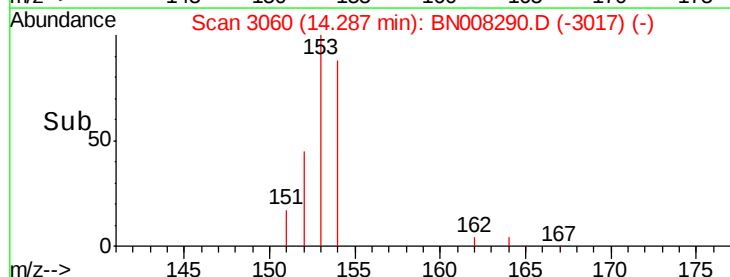
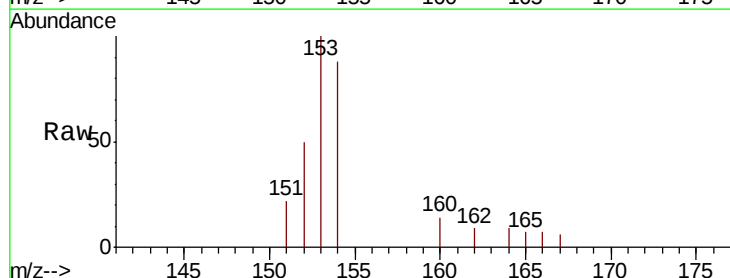
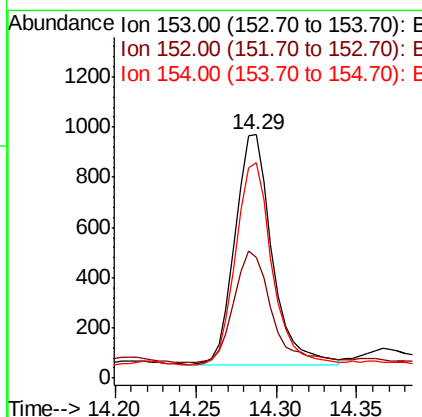
RT: 14.29 min Scan# 3060

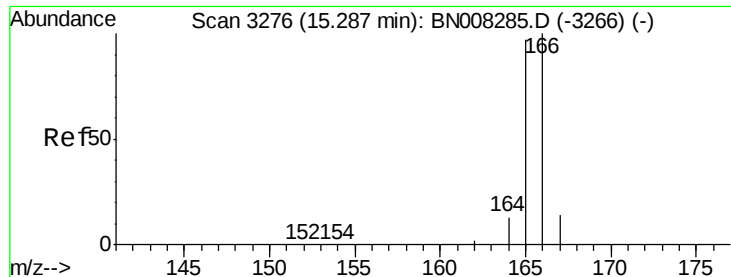
Delta R.T. 0.00 min

Lab File: BN008290.D

Acq: 21 Oct 2019 19:27

Tgt Ion:	153	Resp:	1460
Ion Ratio	Lower	Upper	
153	100		
152	49.8	38.2	57.2
154	88.5	71.8	107.8





#9

Fluorene

Concen: 0.078 ng/ul

RT: 15.28 min Scan# 3274

Delta R.T. -0.00 min

Lab File: BN008290.D

Acq: 21 Oct 2019 19:27

Instrument :

BNA_N

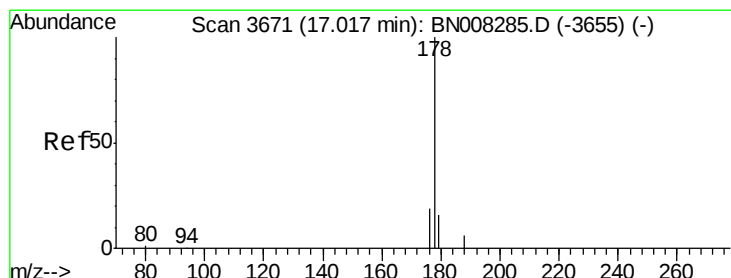
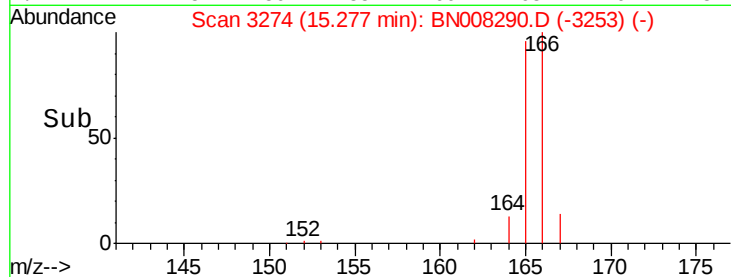
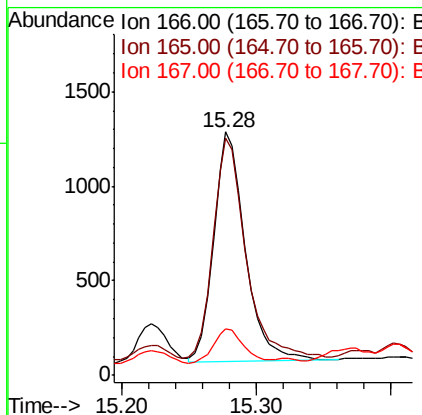
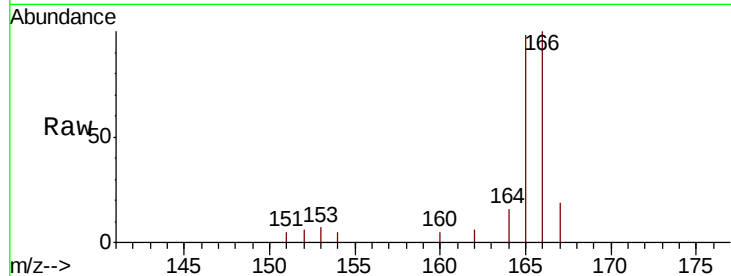
ClientSampleId :

BEPJ3DL

Tot Ion:	166	Resp:	1964
Ion	Ratio	Lower	Upper
166	100		
165	97.6	76.6	115.0
167	19.3	11.7	17.5#

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#12

Phenanthrene

Concen: 1.183 ng/ul

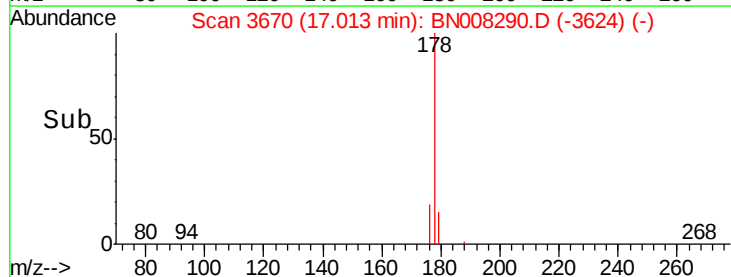
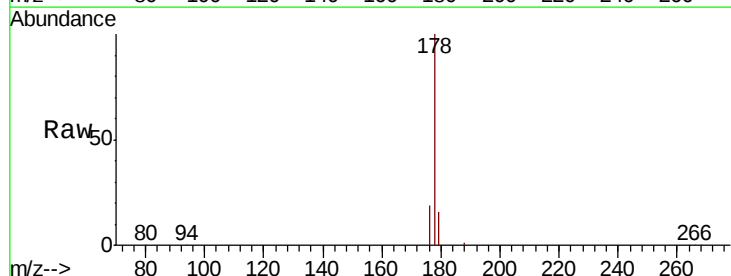
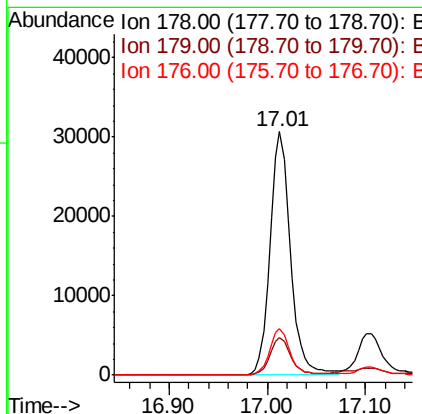
RT: 17.01 min Scan# 3670

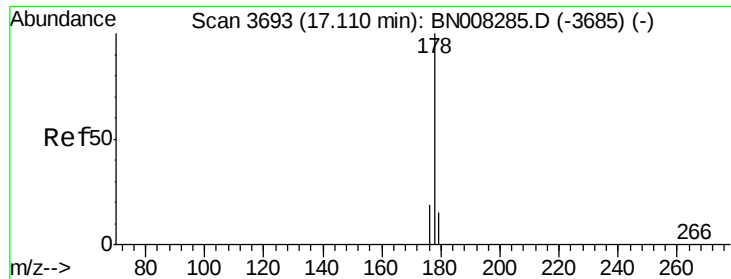
Delta R.T. -0.00 min

Lab File: BN008290.D

Acq: 21 Oct 2019 19:27

Tgt Ion:	178	Resp:	44099
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	18.9	15.4	23.2





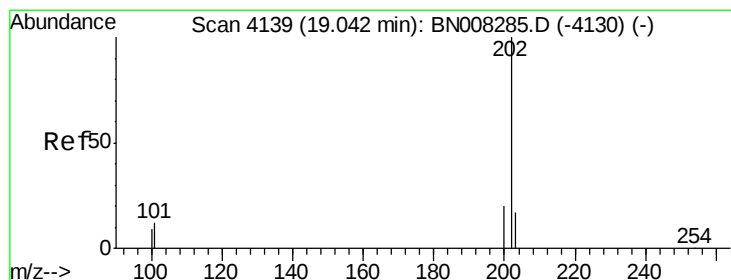
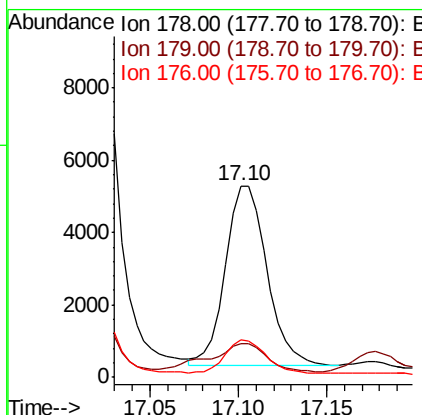
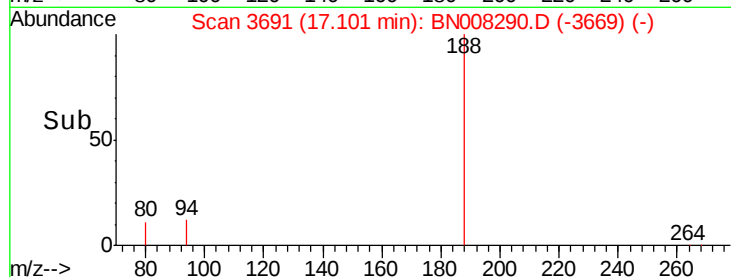
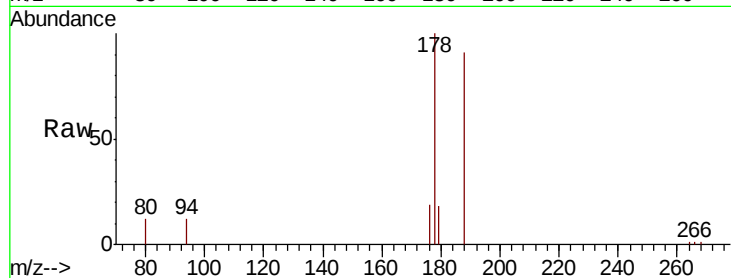
#13
 Anthracene
 Concen: 0.245 ng/ul
 RT: 17.10 min Scan# 3691
 Delta R.T. -0.01 min
 Lab File: BN008290.D
 Acq: 21 Oct 2019 19:27

Instrument :
 BNA_N
 ClientSampleId :
 BEPJ3DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.0	19.6
176	19.3	15.0	22.6

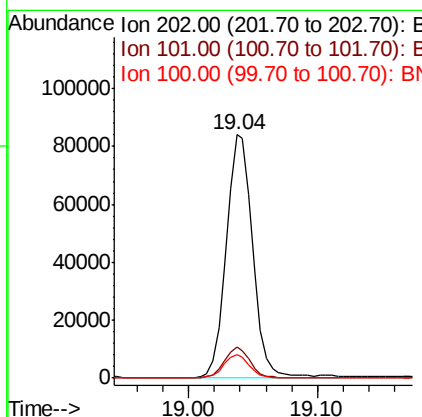
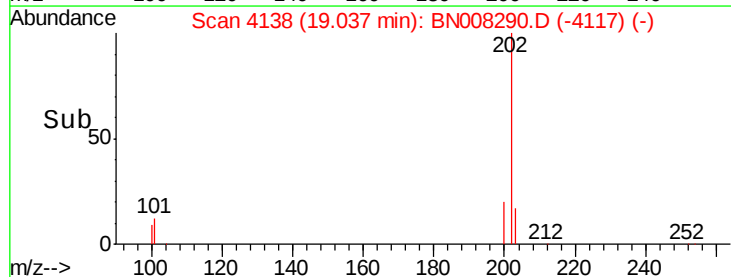
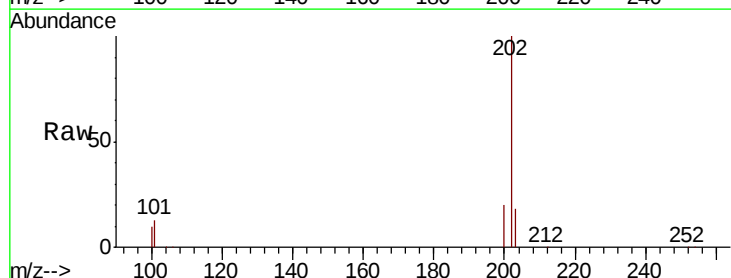
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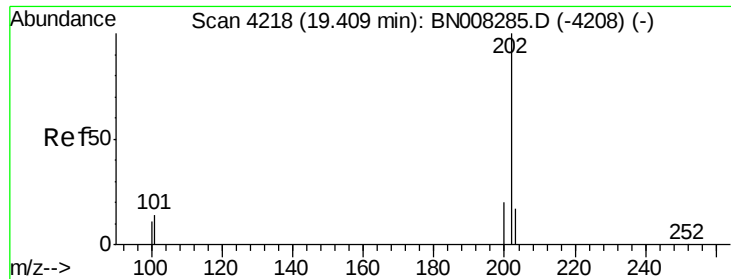
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#15
 Fluoranthene
 Concen: 2.437 ng/ul
 RT: 19.04 min Scan# 4138
 Delta R.T. -0.00 min
 Lab File: BN008290.D
 Acq: 21 Oct 2019 19:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.2
100	9.6	0.0	28.5





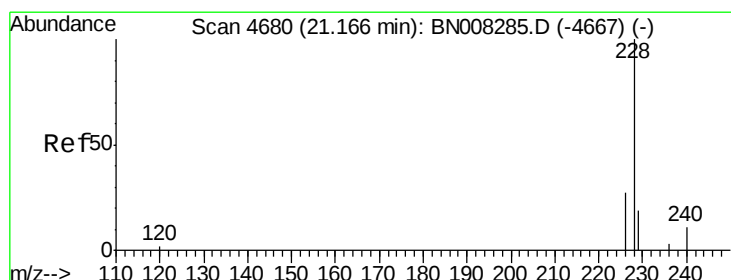
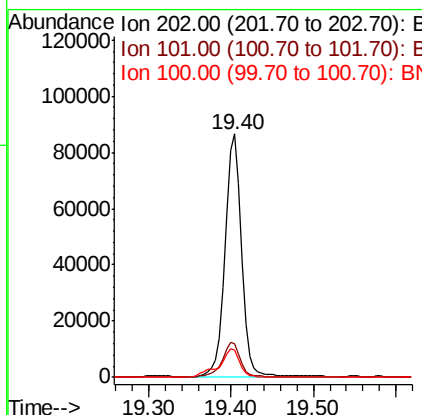
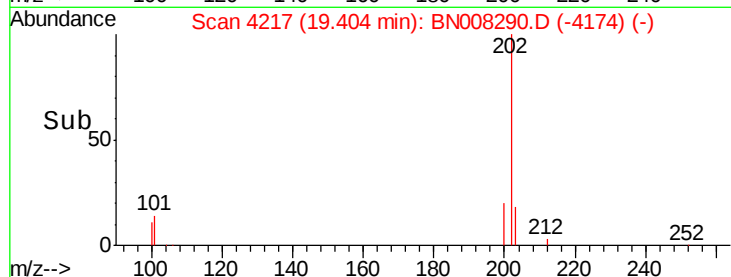
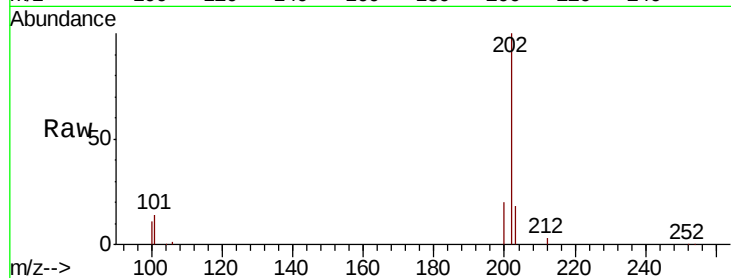
#17
Pvrene
Concen: 2.308 ng/ul
RT: 19.40 min Scan# 4217
Delta R.T. 0.00 min
Lab File: BN008290.D
Acq: 21 Oct 2019 19:27

Instrument :
BNA_N
ClientSampleId :
BEPJ3DL

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.7	10.9	16.3
100	11.0	8.7	13.1

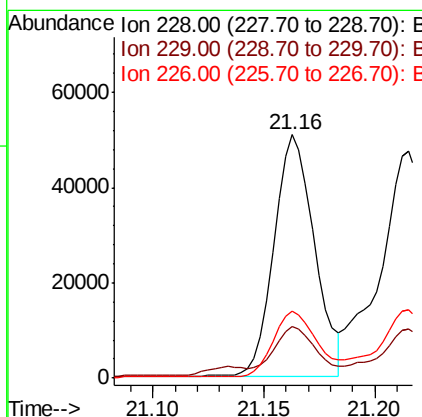
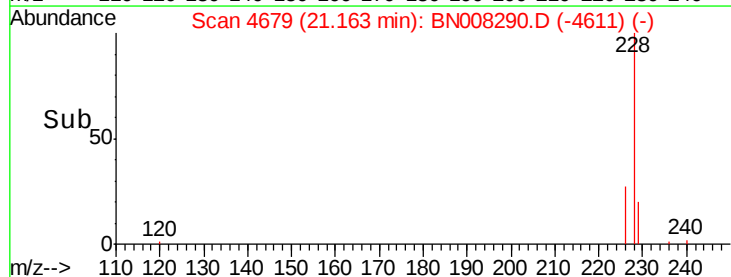
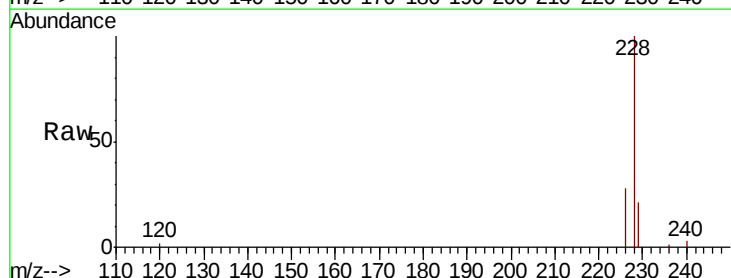
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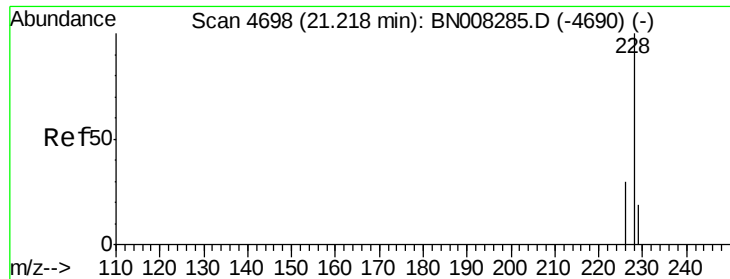
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#18
Benzo(a)anthracene
Concen: 1.342 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008290.D
Acq: 21 Oct 2019 19:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.9	16.2	24.2
226	27.6	21.4	32.0





#19

Chrysene

Concen: 1.281 ng/ul

RT: 21.22 min Scan# 4697

Delta R.T. 0.00 min

Lab File: BN008290.D

Acq: 21 Oct 2019 19:27

Instrument :

BNA_N

ClientSampleId :

BEPJ3DL

Tot Ion:228 Resp: 74835

Ion Ratio Lower Upper

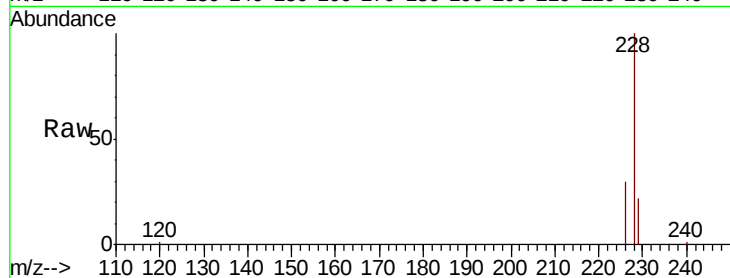
228 100

226 30.0 24.1 36.1

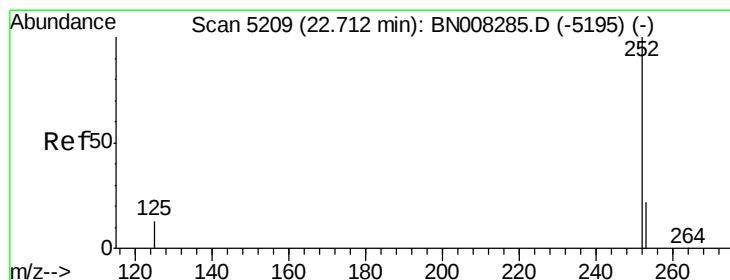
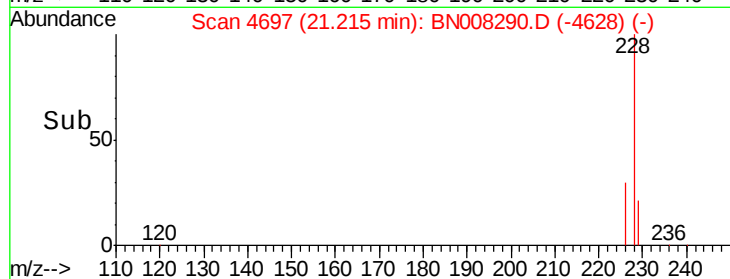
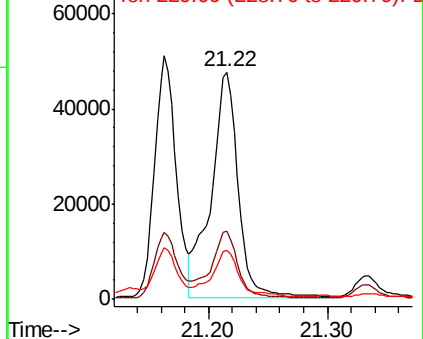
229 21.6 16.2 24.2

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 2.208 ng/ul m

RT: 22.71 min Scan# 5209

Delta R.T. 0.00 min

Lab File: BN008290.D

Acq: 21 Oct 2019 19:27

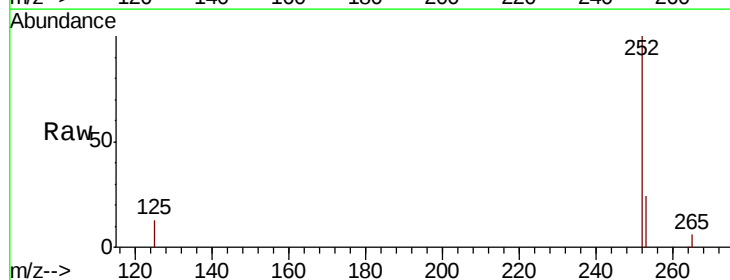
Tgt Ion:252 Resp: 81089

Ion Ratio Lower Upper

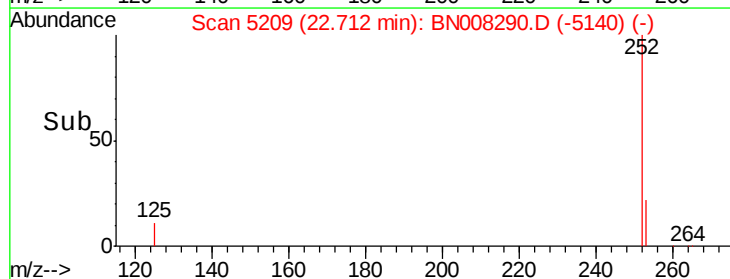
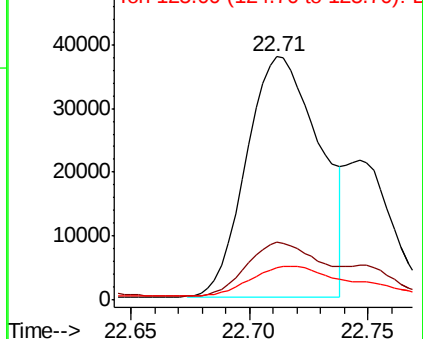
252 100

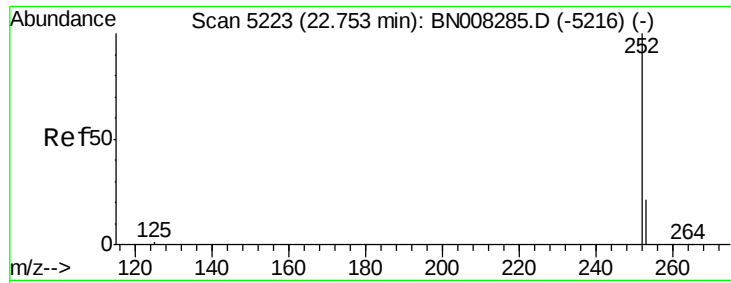
253 23.6 0.0 53.4

125 13.1 0.0 32.4



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





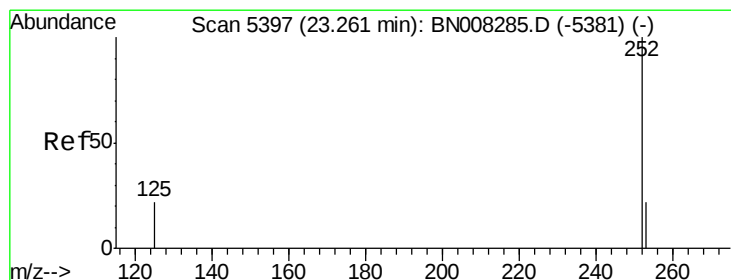
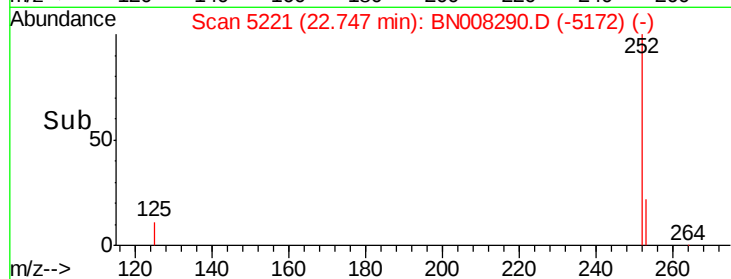
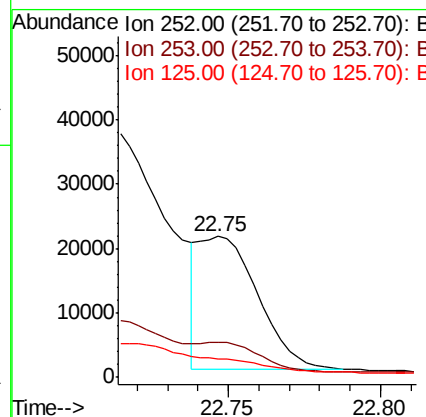
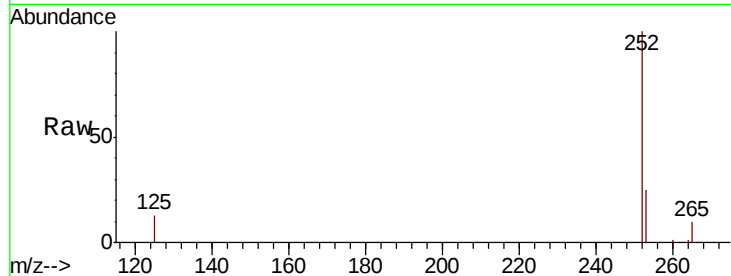
#22
Benzo(k)fluoranthene
Concen: 0.667 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN008290.D
Acq: 21 Oct 2019 19:27

Instrument :
BNA_N
ClientSampleId :
BEPJ3DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	21.3	31.9
125	13.4	12.3	18.5

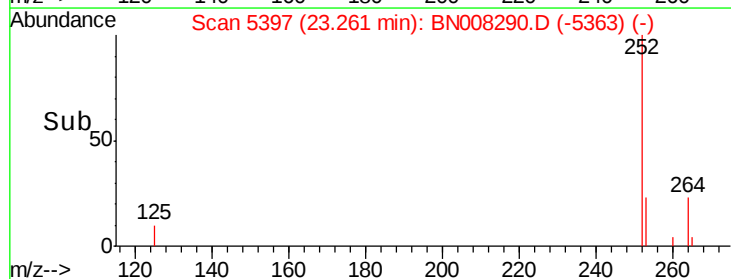
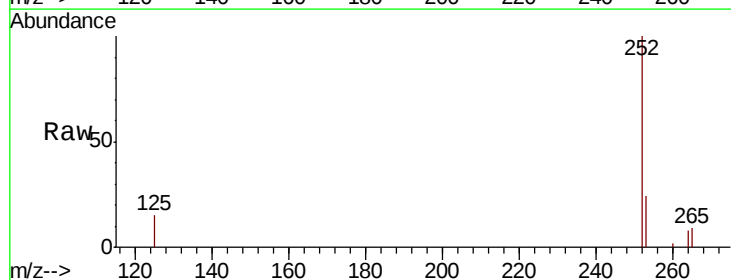
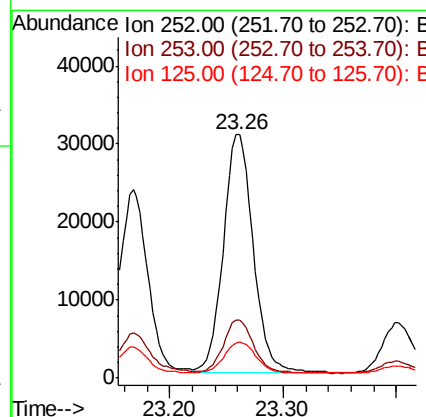
Manual Integrations
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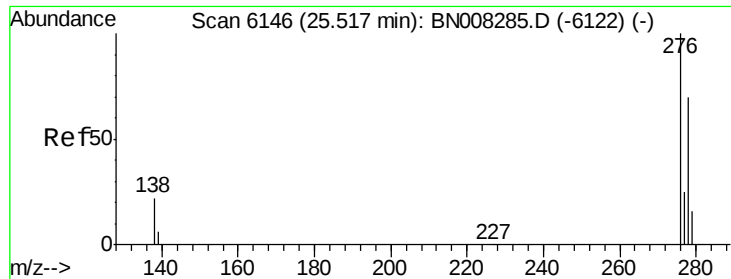
mohammad
10/22/2019 3:27:43 PM



#23
Benzo(a)pyrene
Concen: 1.447 ng/ul
RT: 23.26 min Scan# 5397
Delta R.T. 0.00 min
Lab File: BN008290.D
Acq: 21 Oct 2019 19:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	22.8	34.2
125	14.9	18.4	27.6#





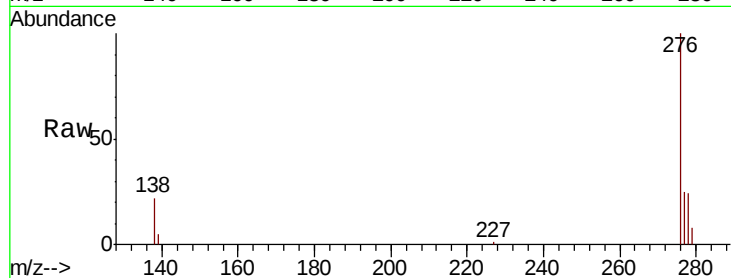
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.697 ng/ul
 RT: 25.51 min Scan# 6144
 Delta R.T. 0.00 min
 Lab File: BN008290.D
 Acq: 21 Oct 2019 19:27

Instrument :
 BNA_N
 ClientSampled :
 BEPJ3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.1	24.1
227	0.2	0.2	0.2

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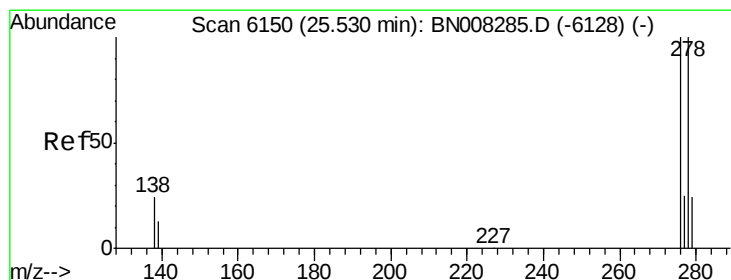
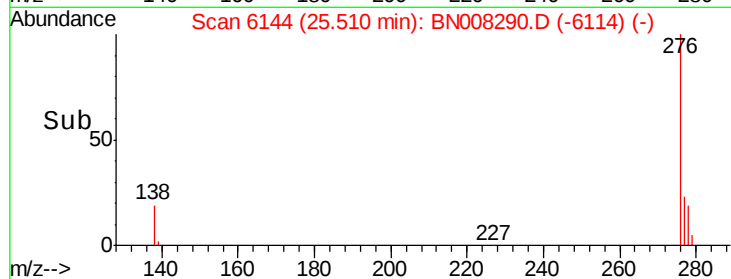
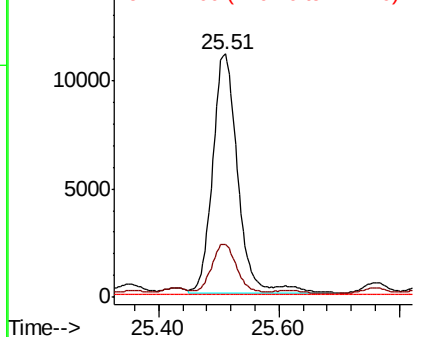


Abundance

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: 0.209 ng/ul
 RT: 25.51 min Scan# 6144
 Delta R.T. -0.01 min
 Lab File: BN008290.D
 Acq: 21 Oct 2019 19:27

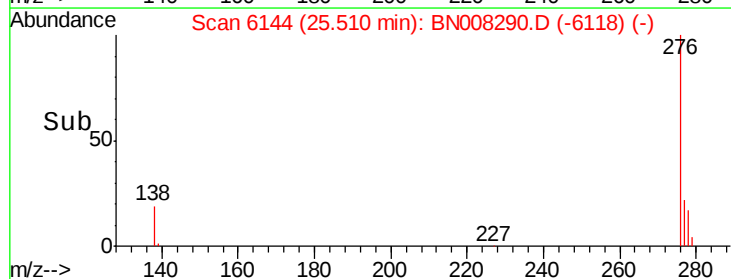
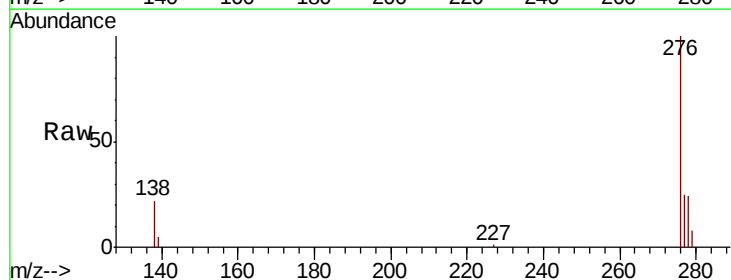
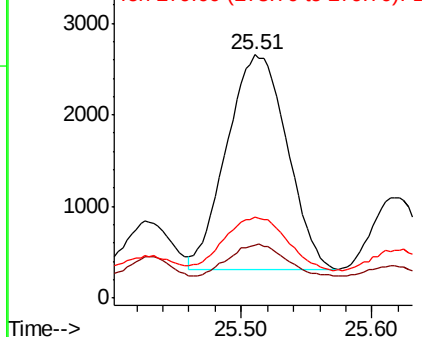
Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.6	15.0	22.6
279	33.1	22.4	33.6

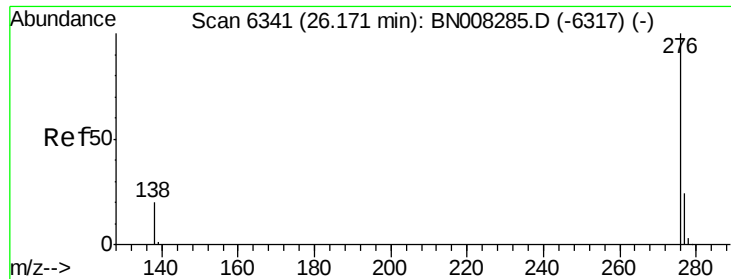
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26
Benzo(a,h,i)perylene
Concen: 0.720 ng/ul
RT: 26.16 min Scan# 6339
Delta R.T. -0.00 min
Lab File: BN008290.D
Acq: 21 Oct 2019 19:27

Instrument :
BNA_N
ClientSampleId :
BEPJ3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.2	17.0	25.4
277	24.4	20.4	30.6

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