

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101919\
 Data File : BN008265.D
 Acq On : 19 Oct 2019 12:17
 Operator : JU
 Sample : K5177-14DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPA3DL

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Quant Time: Oct 19 21:29:39 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 : Fri Oct 18 23:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2324	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	11001	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	6856	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	14917	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	13632	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	12134	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	600	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	2018	0.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.41	128	2827	0.090	ng/ul#	93
5) 2-Methylnaphthalene	12.03	142	2008	0.093	ng/ul	97
7) Acenaphthylene	13.94	152	8373	0.256	ng/ul	98
8) Acenaphthene	14.29	153	3915	0.154	ng/ul	98
9) Fluorene	15.28	166	4729	0.164	ng/ul#	97
11) Pentachlorophenol	16.64	266	78	0.022	ng/ul	94
12) Phenanthrene	17.01	178	112082	2.566	ng/ul	99
13) Anthracene	17.11	178	20660	0.538	ng/ul	99
15) Fluoranthene	19.04	202	278531	4.829	ng/ul	100
17) Pyrene	19.40	202	294506	5.426	ng/ul	99
18) Benzo(a)anthracene	21.16	228	161868	3.266	ng/ul	98
19) Chrysene	21.22	228	178329	2.932	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	191486m	4.848	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	66372m	1.483	ng/ul	
23) Benzo(a)pyrene	23.26	252	134848	3.244	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.51	276	77379	1.581	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.52	278	19560	0.505	ng/ul#	92
26) Benzo(g,h,i)perylene	26.17	276	74558	1.661	ng/ul	98

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

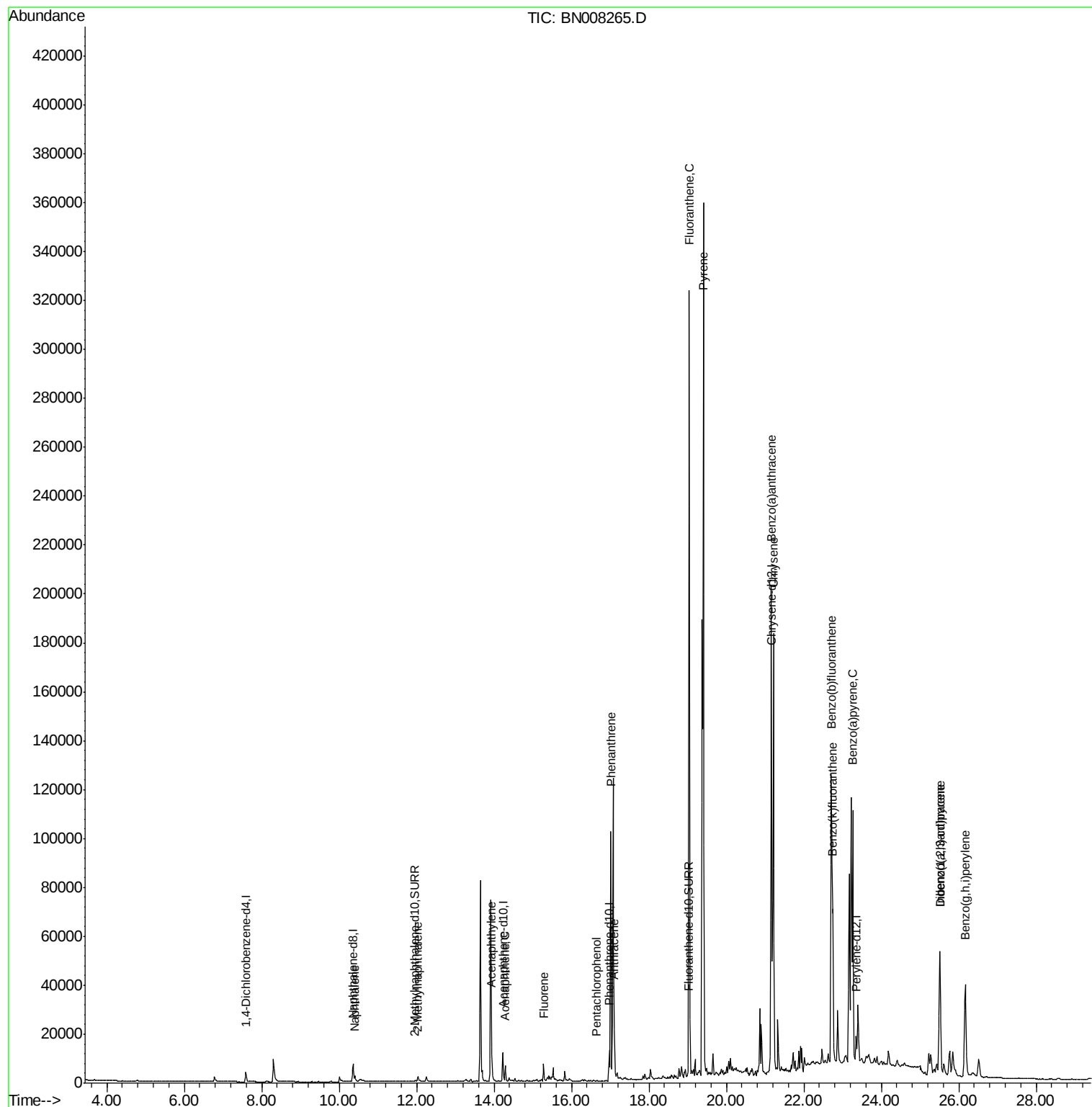
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101919\
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ALS Vial : 6 Sample Multiplier: 1

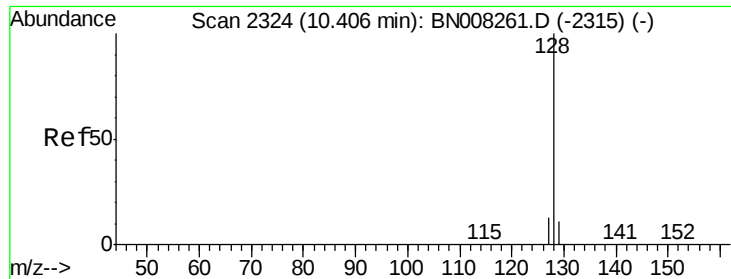
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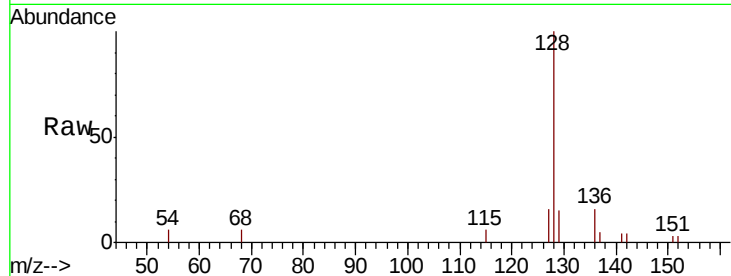
#3
Naphthalene
Concen: 0.090 ng/ul
RT: 10.41 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BN008265.D
Acq: 19 Oct 2019 12:17

Instrument :
BNA_N
ClientSampleId :
BEP3DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.2	9.8	14.8#
127	16.4	11.1	16.7

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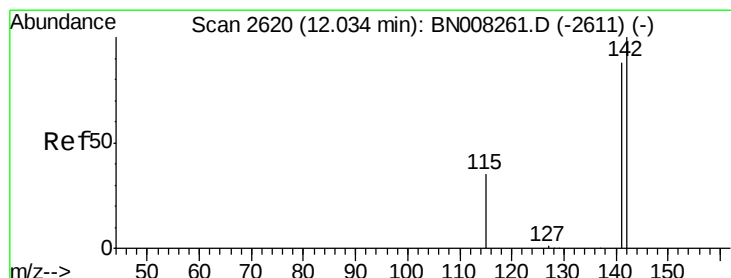
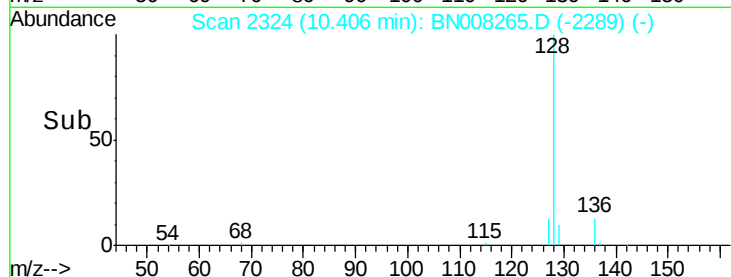
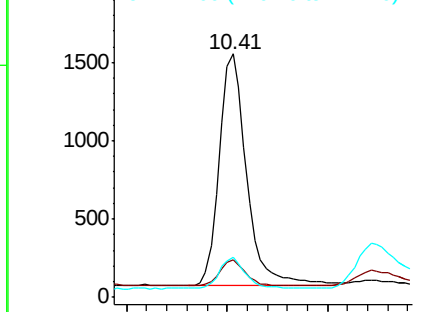


Abundance

Ion 128.00 (127.70 to 128.70): E

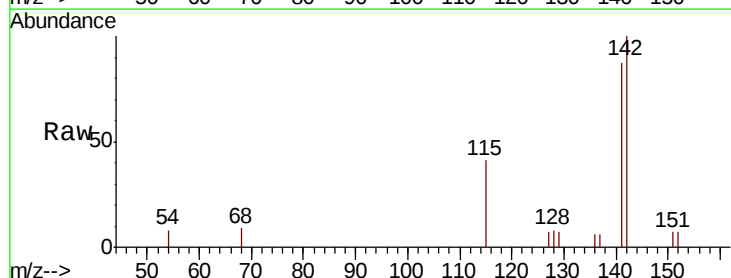
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5
2-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.03 min Scan# 2620
Delta R.T. 0.00 min
Lab File: BN008265.D
Acq: 19 Oct 2019 12:17

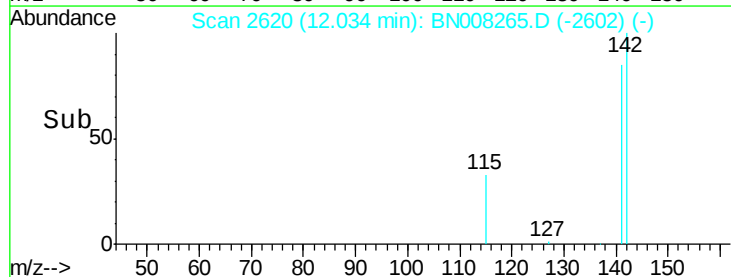
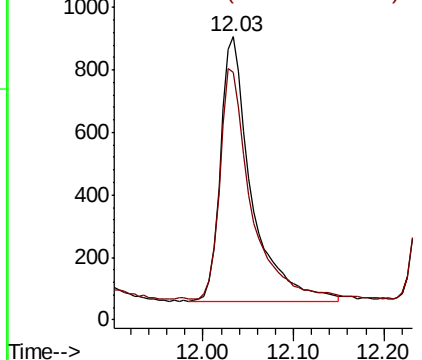
Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.8	71.4	107.2

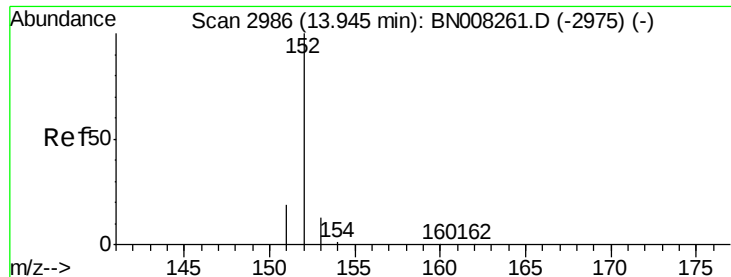


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.256 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.01 min

Lab File: BN008265.D

Acq: 19 Oct 2019 12:17

Instrument :

BNA_N

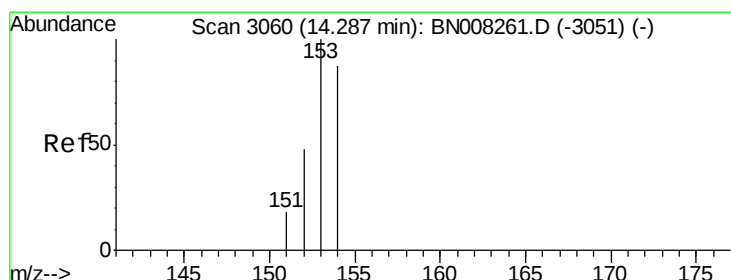
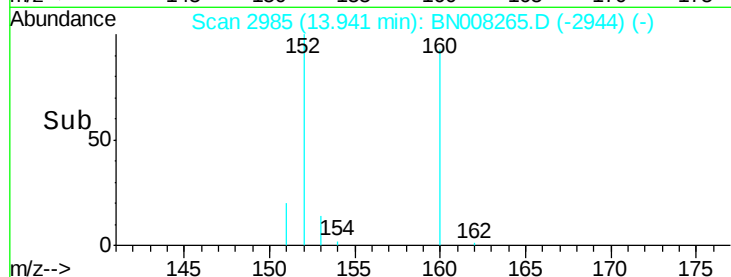
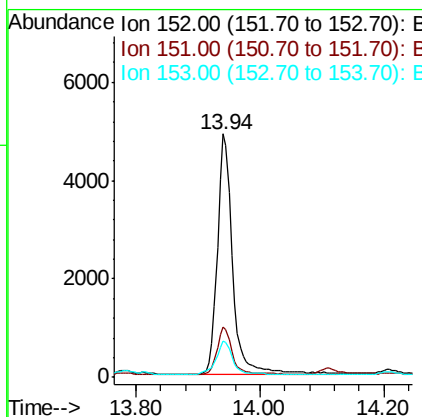
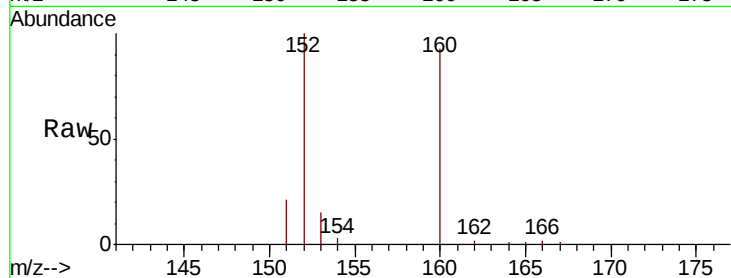
ClientSampleId :

BEPA3DL

Tot Ion:	152	Resp:	8373
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.2	24.4
153	14.8	11.0	16.4

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#8

Acenaphthene

Concen: 0.154 ng/ul

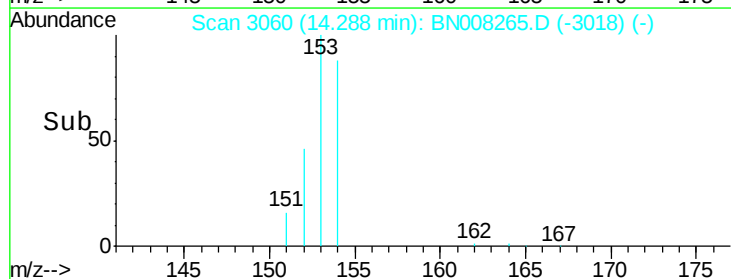
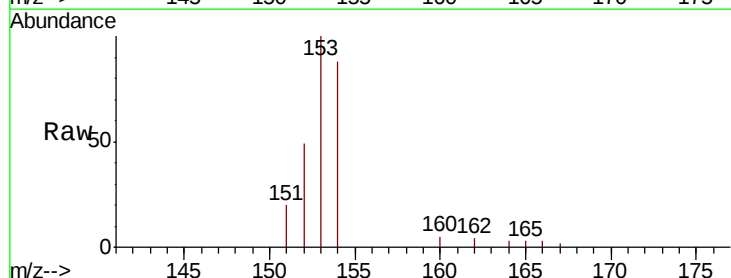
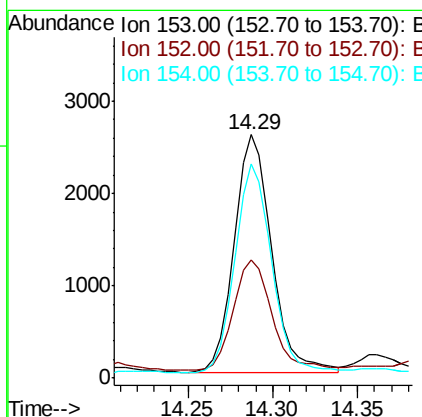
RT: 14.29 min Scan# 3060

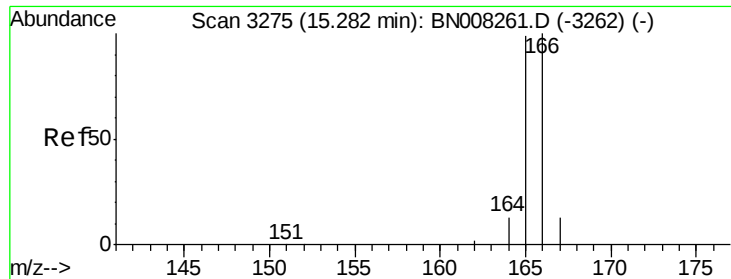
Delta R.T. -0.00 min

Lab File: BN008265.D

Acq: 19 Oct 2019 12:17

Tgt Ion:	153	Resp:	3915
Ion Ratio	Lower	Upper	
153	100		
152	48.7	38.2	57.2
154	87.9	71.8	107.8





#9

Fluorene

Concen: 0.164 ng/ul

RT: 15.28 min Scan# 3275

Delta R.T. -0.00 min

Lab File: BN008265.D

Acq: 19 Oct 2019 12:17

Instrument :

BNA_N

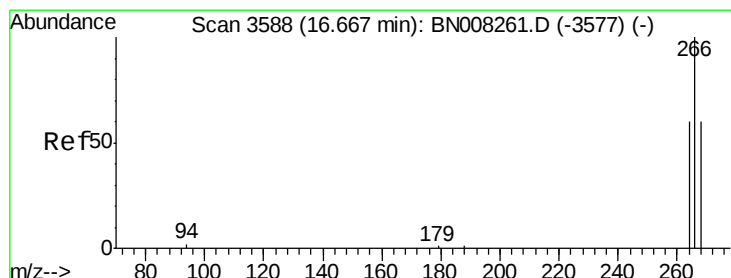
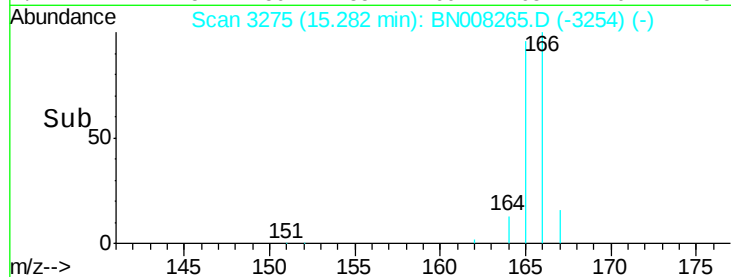
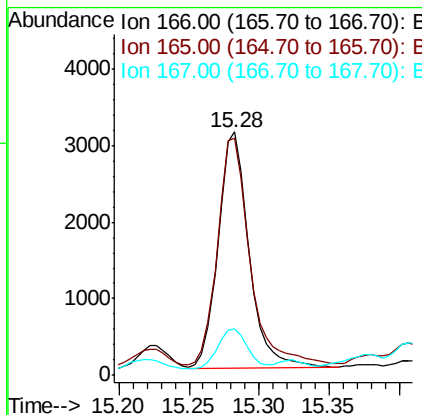
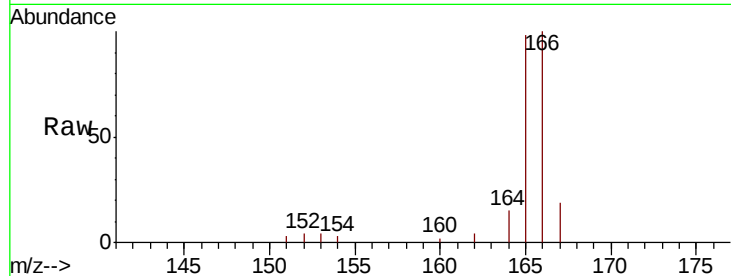
ClientSampleId :

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Tot Ion:	166	Resp:	4729
Ion Ratio	Lower	Upper	
166	100		
165	97.6	76.6	115.0
167	19.1	11.7	17.5#

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#11

Pentachlorophenol

Concen: 0.022 ng/ul

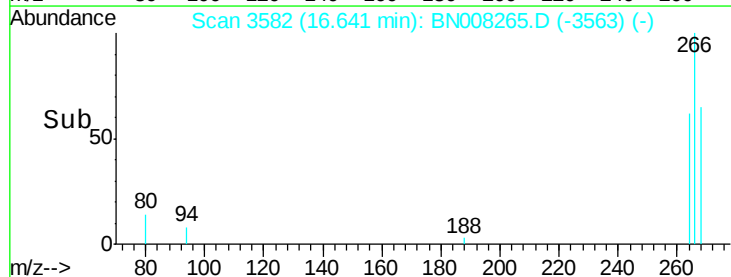
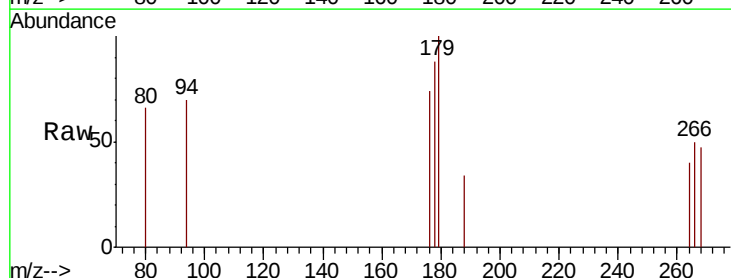
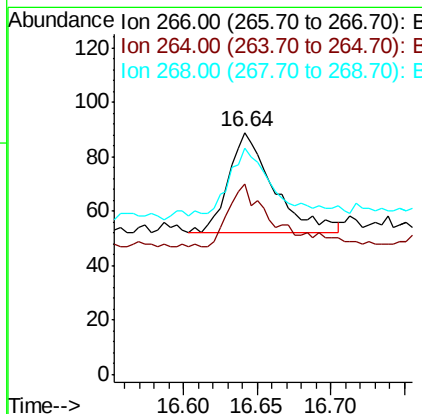
RT: 16.64 min Scan# 3582

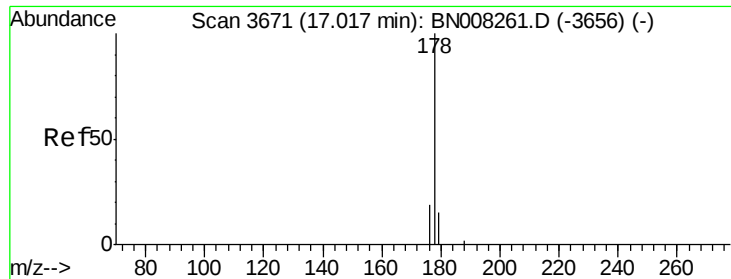
Delta R.T. -0.02 min

Lab File: BN008265.D

Acq: 19 Oct 2019 12:17

Tgt Ion:	266	Resp:	78
Ion Ratio	Lower	Upper	
266	100		
264	64.1	50.1	75.1
268	73.1	51.9	77.9





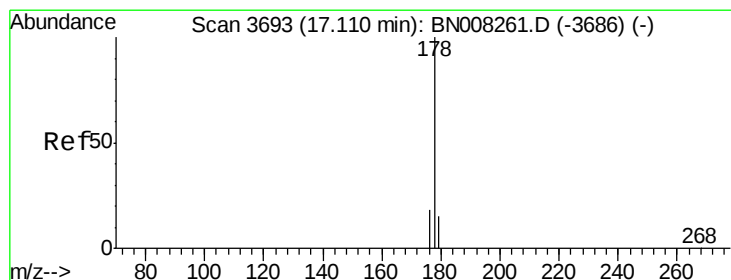
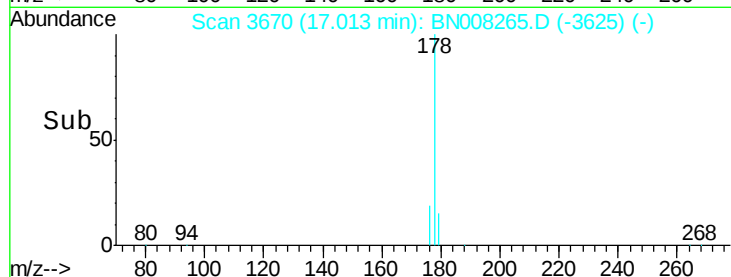
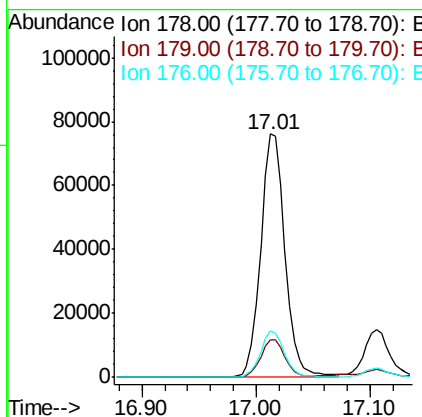
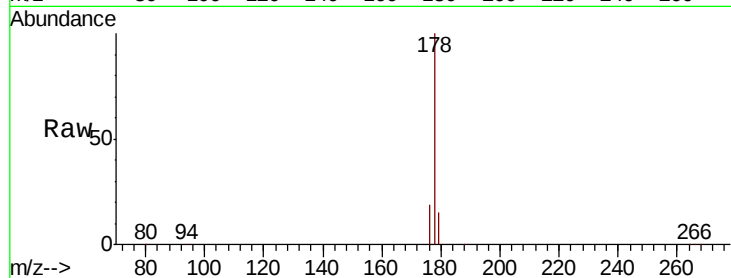
#12
Phenanthrene
Concen: 2.566 ng/ul
RT: 17.01 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BN008265.D
Acq: 19 Oct 2019 12:17

Instrument :
BNA_N
ClientSampleId :
BEP3DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	18.9	15.4	23.2

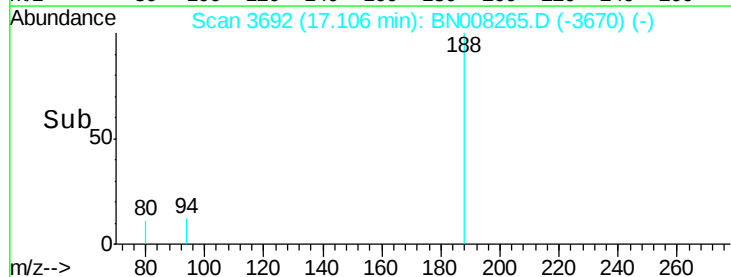
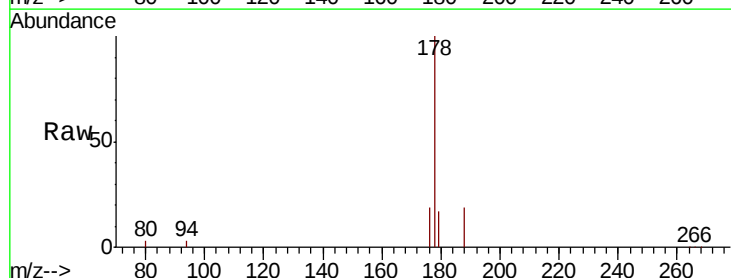
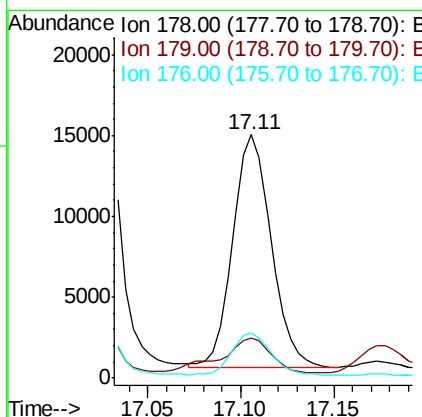
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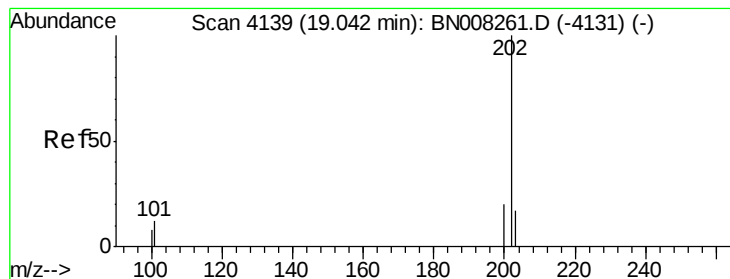
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#13
Anthracene
Concen: 0.538 ng/ul
RT: 17.11 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BN008265.D
Acq: 19 Oct 2019 12:17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.6
176	18.5	15.0	22.6





#15

Fluoranthene

Concen: 4.829 ng/ul

RT: 19.04 min Scan# 4139

Delta R.T. -0.00 min

Lab File: BN008265.D

Acq: 19 Oct 2019 12:17

Instrument :

BNA_N

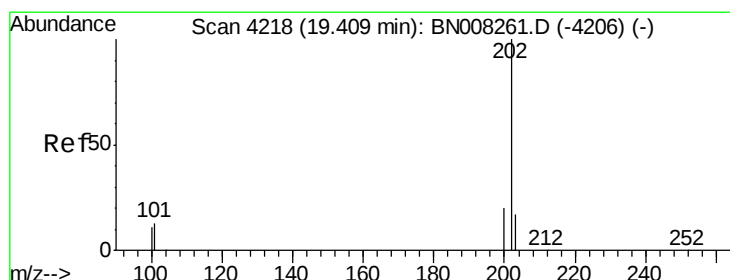
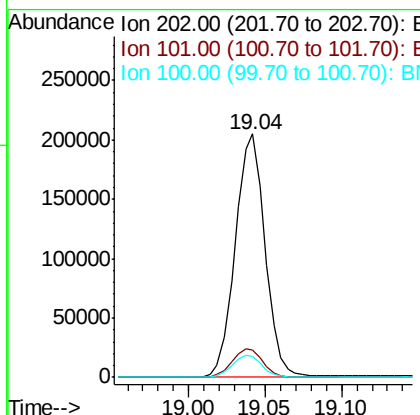
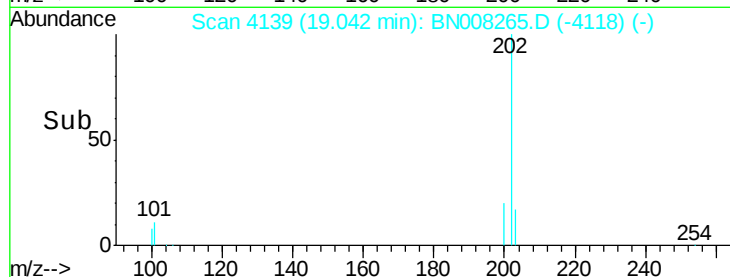
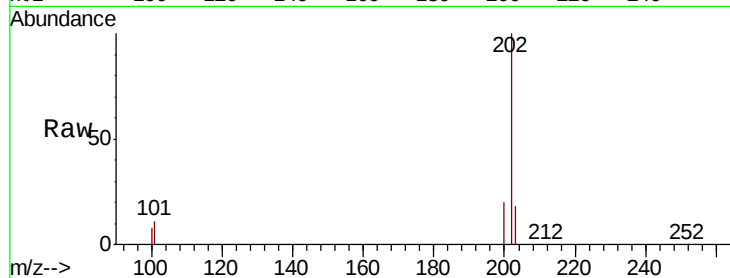
ClientSampleId :

BEPA3DL

Tot Ion:	202	Resp:	278531
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	31.2
100	8.5	0.0	28.5

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#17

Pyrene

Concen: 5.426 ng/ul

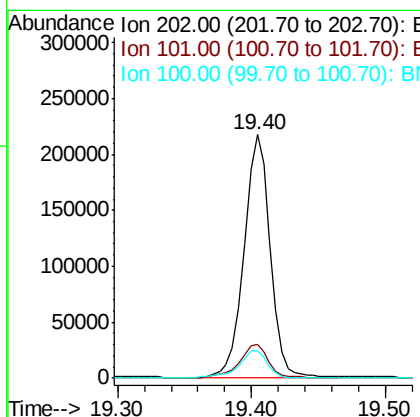
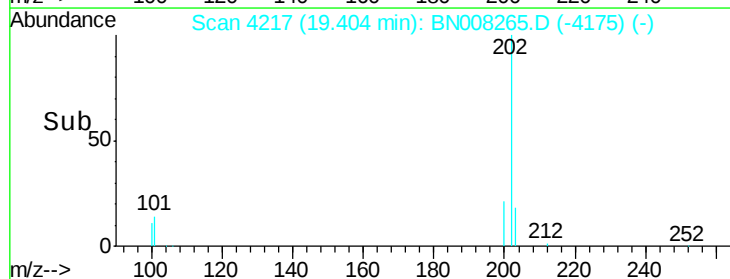
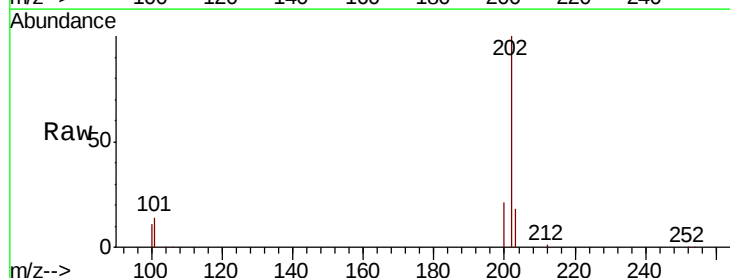
RT: 19.40 min Scan# 4217

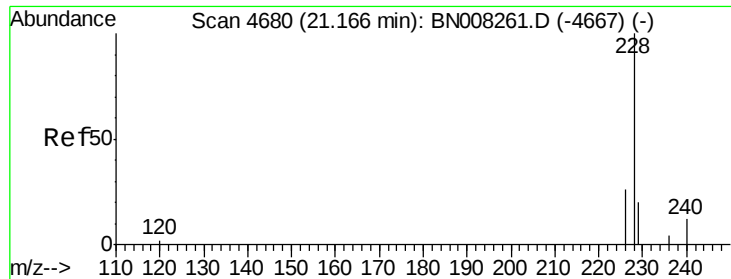
Delta R.T. -0.00 min

Lab File: BN008265.D

Acq: 19 Oct 2019 12:17

Tgt Ion:	202	Resp:	294506
Ion Ratio	Lower	Upper	
202	100		
101	14.0	10.9	16.3
100	11.3	8.7	13.1





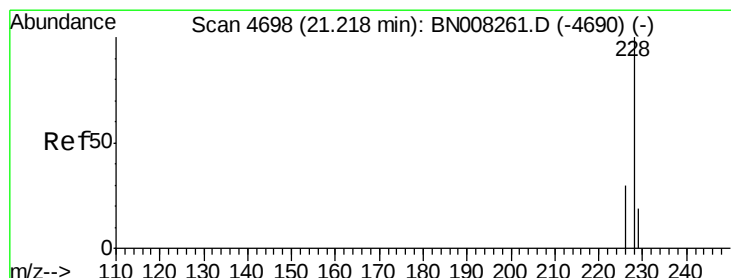
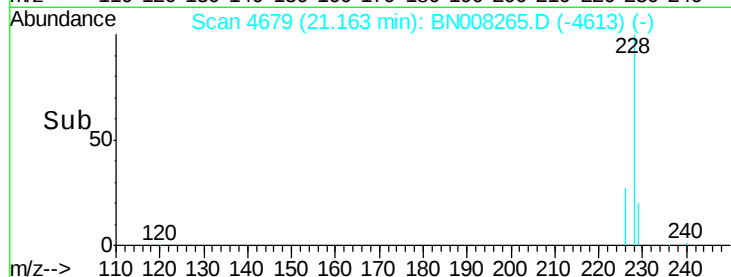
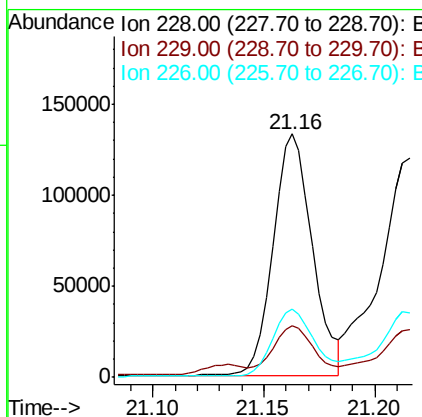
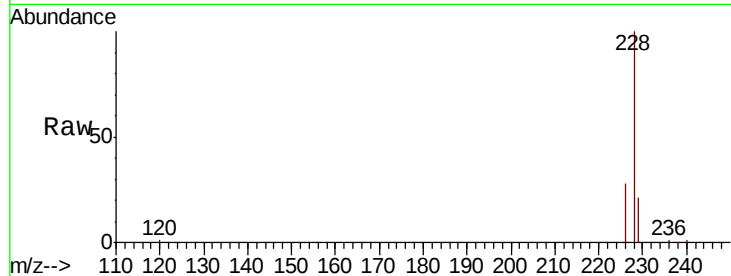
#18
Benzo(a)anthracene
Concen: 3.266 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.01 min
Lab File: BN008265.D
Acq: 19 Oct 2019 12:17

Instrument :
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Tot Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.2	24.2
226	28.0	21.4	32.0

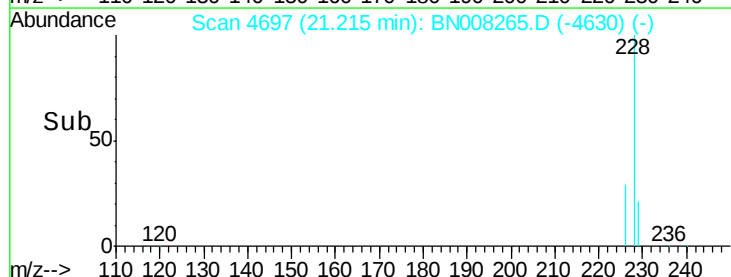
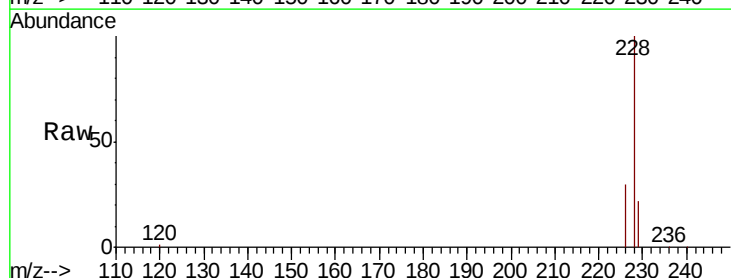
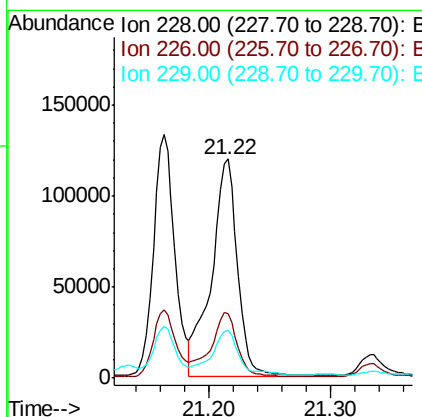
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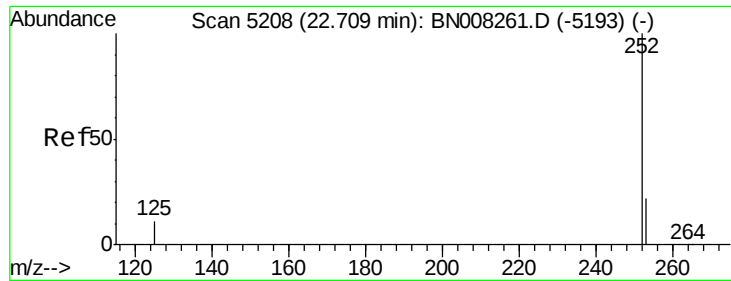
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#19
Chrysene
Concen: 2.932 ng/ul
RT: 21.22 min Scan# 4697
Delta R.T. -0.01 min
Lab File: BN008265.D
Acq: 19 Oct 2019 12:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	21.8	16.2	24.2





#21

Benzo(b)fluoranthene

Concen: 4.848 ng/ul m

RT: 22.71 min Scan# 5209

Delta R.T. -0.01 min

Lab File: BN008265.D

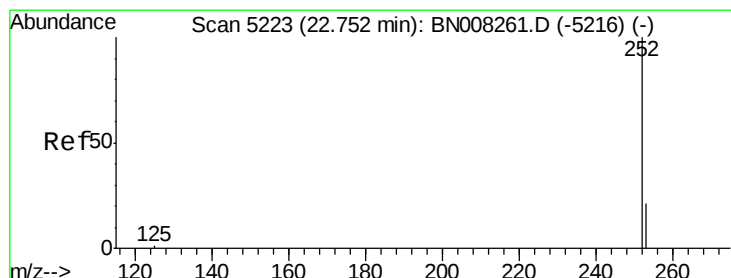
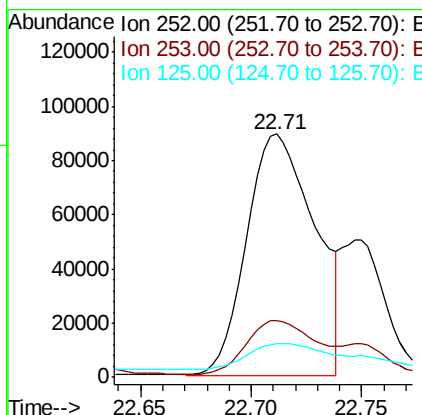
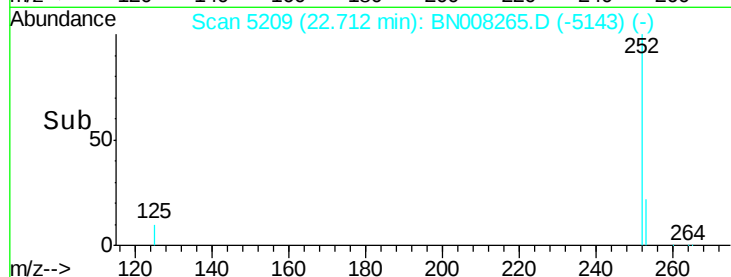
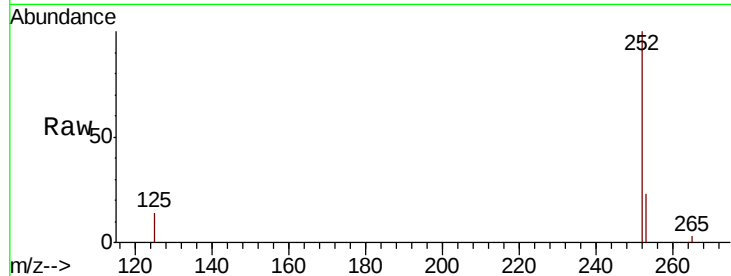
Acq: 19 Oct 2019 12:17

Instrument :
BNA_N
ClientSampleId :
BEP3DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.4	0.0	53.4
125	13.6	0.0	32.4

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#22

Benzo(k)fluoranthene

Concen: 1.483 ng/ul m

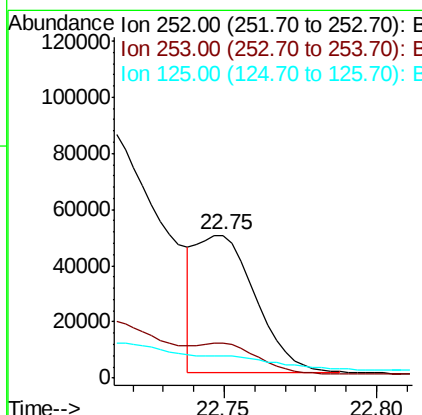
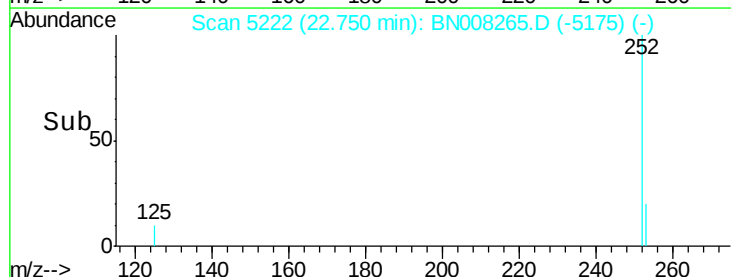
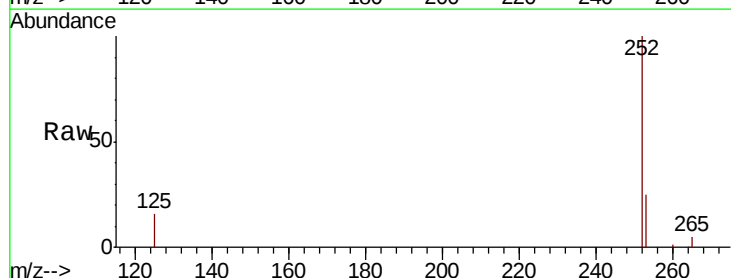
RT: 22.75 min Scan# 5222

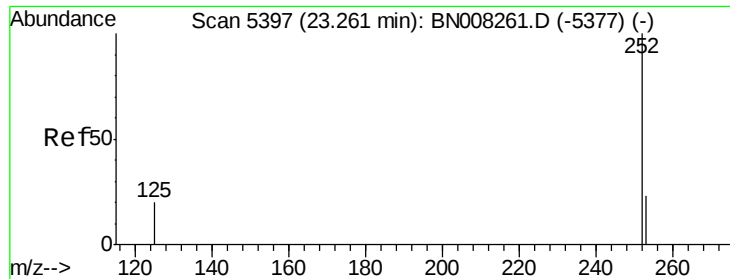
Delta R.T. -0.01 min

Lab File: BN008265.D

Acq: 19 Oct 2019 12:17

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.6	21.3	31.9
125	15.8	12.3	18.5





#23

Benzo(a)pyrene

Concen: 3.244 ng/uL

RT: 23.26 min Scan# 5397

Delta R.T. -0.01 min

Lab File: BN008265.D

Acq: 19 Oct 2019 12:17

Instrument :

BNA_N

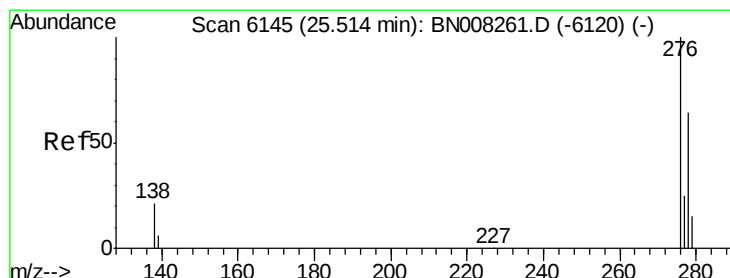
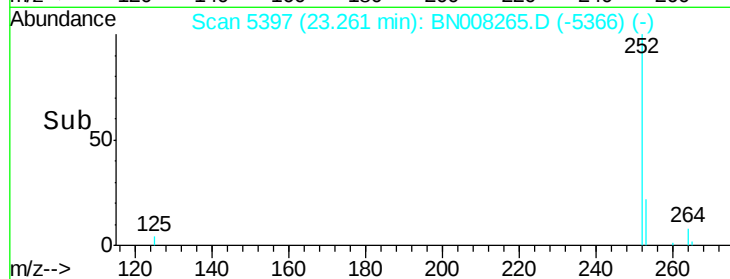
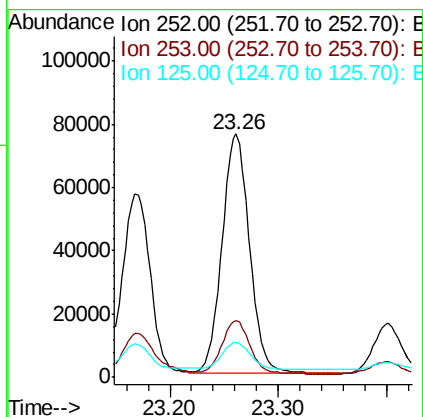
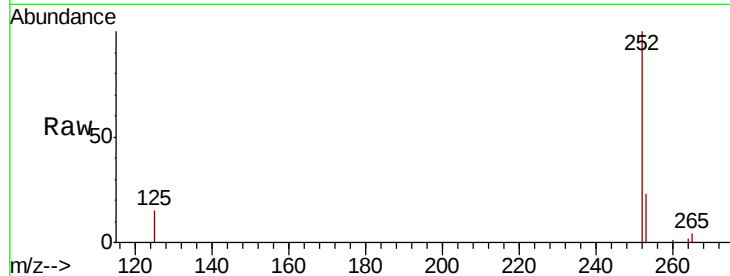
ClientSampled :

BEPA3DL

Tot Ion:	252	Resp:	134848
Ion Ratio	Lower	Upper	
252	100		
253	23.5	22.8	34.2
125	14.5	18.4	27.6#

Manual Integrations
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mohammad
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#24

Indeno(1,2,3-cd)pyrene

Concen: 1.581 ng/uL

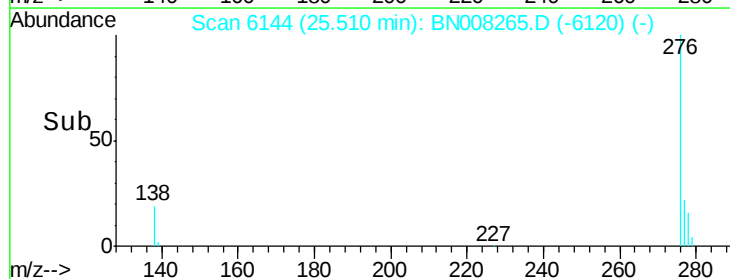
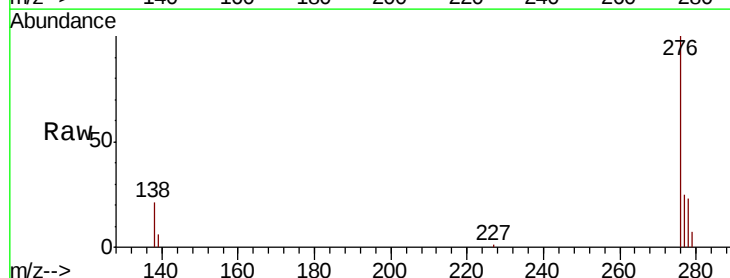
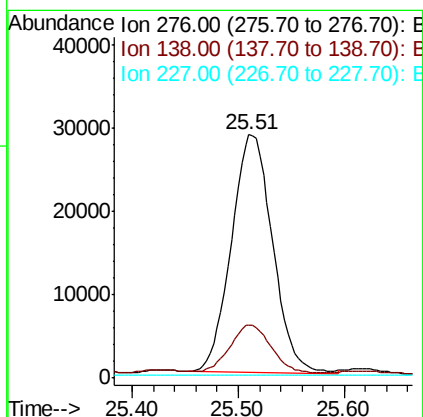
RT: 25.51 min Scan# 6144

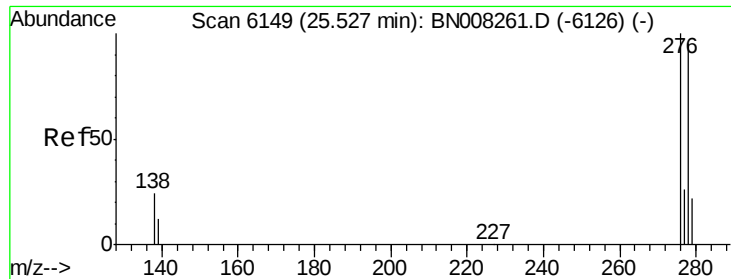
Delta R.T. -0.02 min

Lab File: BN008265.D

Acq: 19 Oct 2019 12:17

Tgt Ion:	276	Resp:	77379
Ion Ratio	Lower	Upper	
276	100		
138	19.9	16.1	24.1
227	0.1	0.2	0.2#





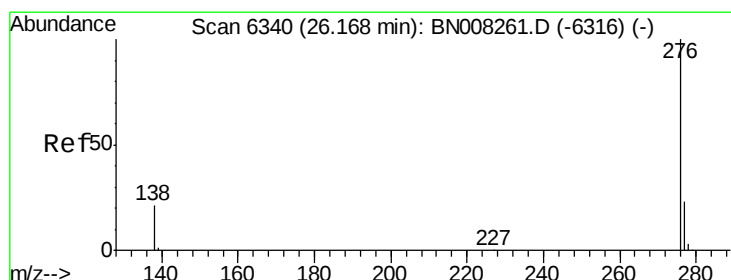
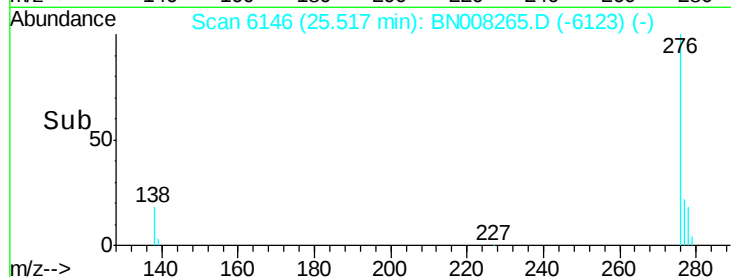
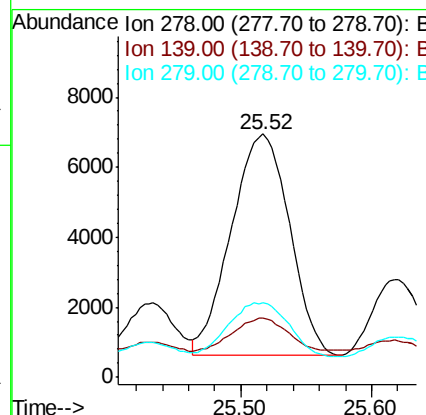
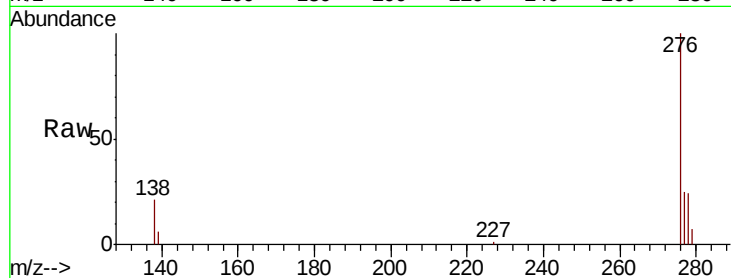
#25
Dibenzo(a,h)anthracene
Concen: 0.505 ng/u1
RT: 25.52 min Scan# 6146
Delta R.T. -0.02 min
Lab File: BN008265.D
Acq: 19 Oct 2019 12:17

Instrument :
BNA_N
ClientSampleId :
BEP3DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.2	15.0	22.6#
279	30.8	22.4	33.6

Manual Integrations
APPROVED

mohammad
10/20/2019 8:03:32 PM



#26
Benzo(g,h,i)perylene
Concen: 1.661 ng/u1
RT: 26.17 min Scan# 6340
Delta R.T. -0.02 min
Lab File: BN008265.D
Acq: 19 Oct 2019 12:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.0	17.0	25.4
277	24.7	20.4	30.6

