

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008403.D
 Acq On : 25 Oct 2019 00:23
 Operator : JU
 Sample : K5236-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPL2

Manual Integrations
 APPROVED

mohammad
 10/25/2019 8:06:24 AM

Quant Time: Oct 25 01:45:31 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 : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1960	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.33	136	9052	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5909	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.96	188	12708	0.40	ng/ul	-0.02
16) Chrysene-d12	21.17	240	10836	0.40	ng/ul	-0.01
20) Perylene-d12	23.35	264	8872	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	2679	0.18	ng/ul	-0.03
14) Fluoranthene-d10	19.00	212	7886	0.18	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.38	128	30160	1.170	ng/ul	98
5) 2-Methylnaphthalene	12.01	142	14328	0.810	ng/ul	99
7) Acenaphthylene	13.92	152	51531	1.831	ng/ul	100
8) Acenaphthene	14.27	153	27371	1.251	ng/ul	99
9) Fluorene	15.26	166	28190	1.134	ng/ul	98
11) Pentachlorophenol	16.62	266	224	0.073	ng/ul	92
12) Phenanthrene	17.00	178	440196	11.831	ng/ul	99
13) Anthracene	17.09	178	100407	3.067	ng/ul	99
15) Fluoranthene	19.03	202	857420	17.449	ng/ul	97
17) Pyrene	19.39	202	708779	16.428	ng/ul	99
18) Benzo(a)anthracene	21.15	228	390052	9.901	ng/ul	96
19) Chrysene	21.21	228	394178	8.153	ng/ul	96
21) Benzo(b)fluoranthene	22.70	252	515493m	17.849	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	183126m	5.597	ng/ul	
23) Benzo(a)pyrene	23.25	252	349222	11.491	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.50	276	263145	7.351	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.50	278	64694	2.286	ng/ul#	89
26) Benzo(g,h,i)perylene	26.16	276	279451	8.514	ng/ul	98

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

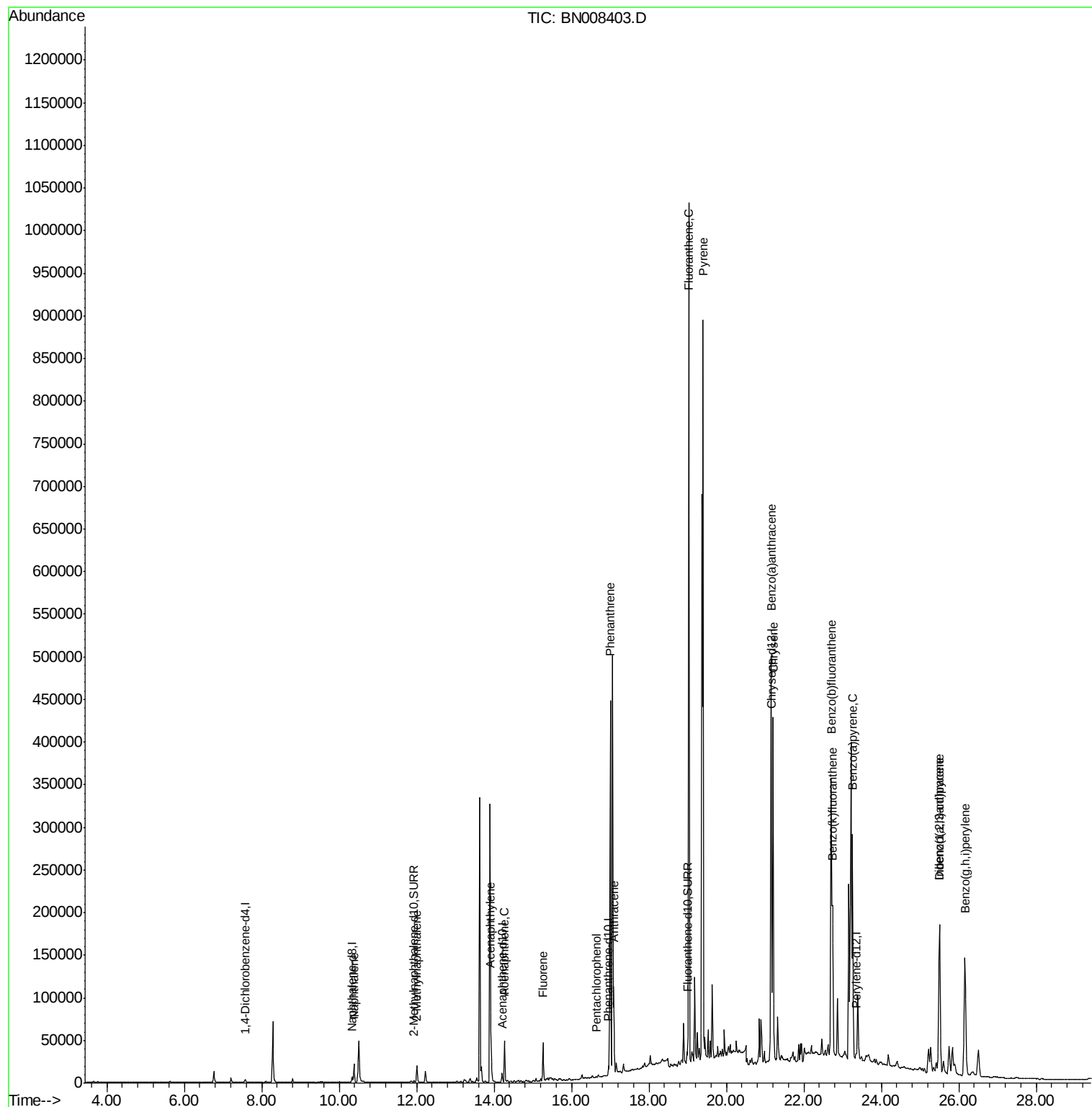
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
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ALS Vial : 26 Sample Multiplier: 1

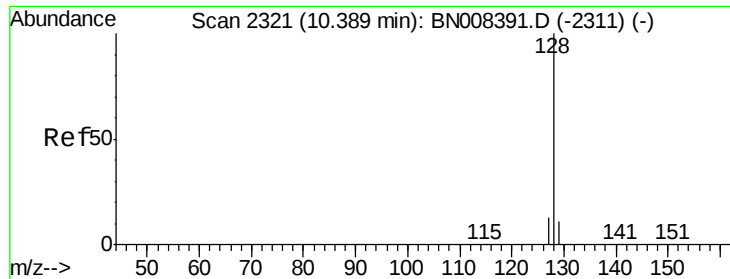
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Wed Oct 23 14:07:55 2019
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#3

Naphthalene

Concen: 1.170 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.02 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

Instrument :

BNA_N

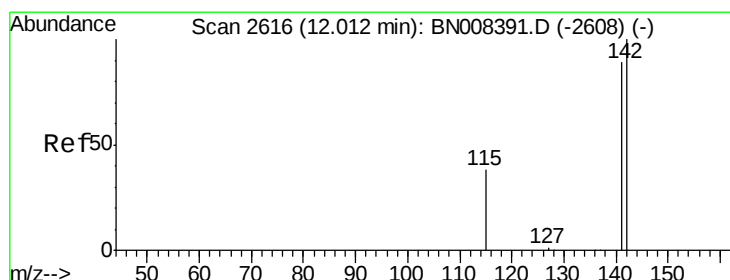
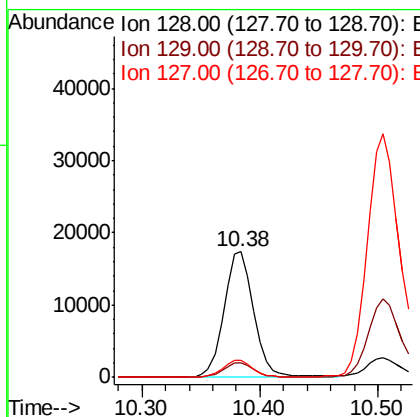
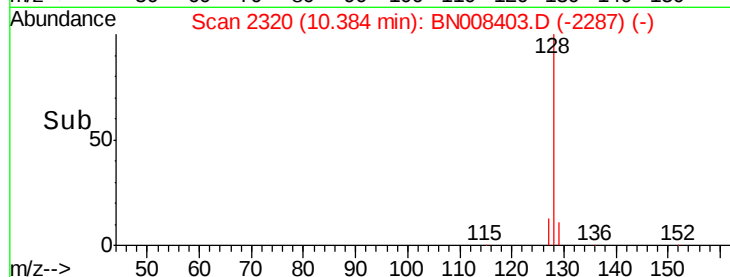
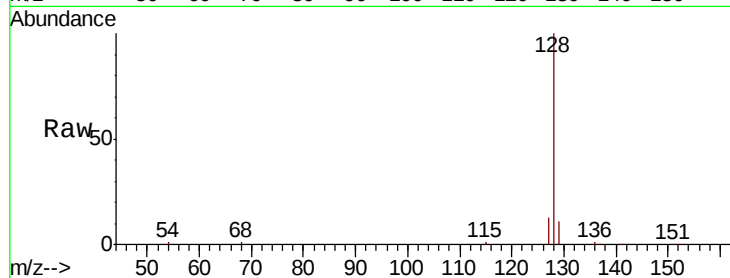
ClientSampleId :

BEPL2

Tot Ion:	128	Resp:	30160
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.8
127	13.1	11.1	16.7

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#5

2-Methylnaphthalene

Concen: 0.810 ng/ul

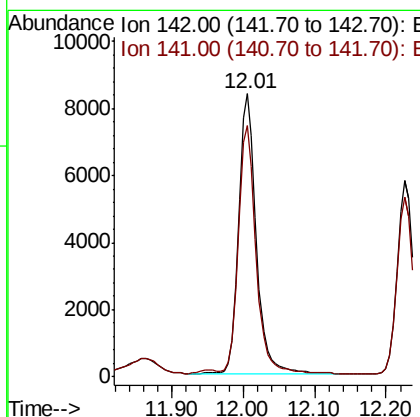
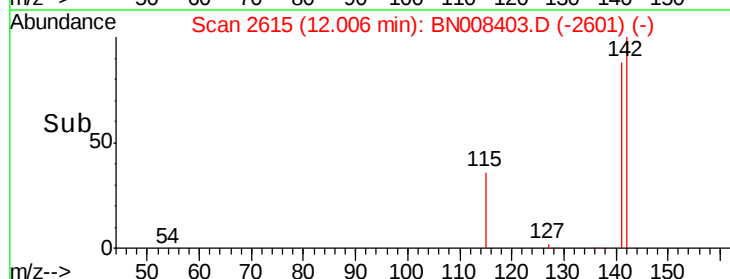
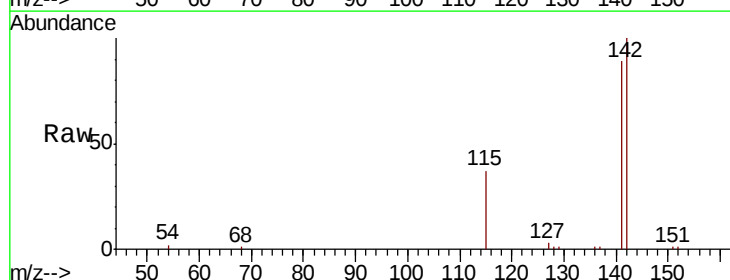
RT: 12.01 min Scan# 2615

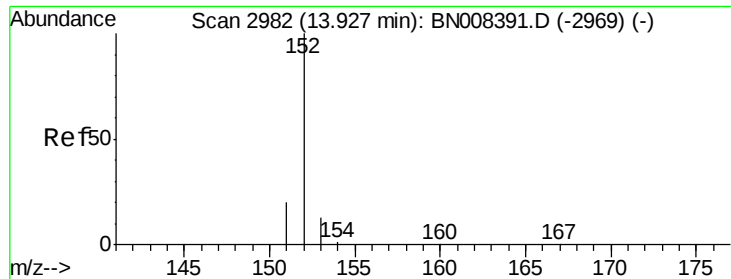
Delta R.T. -0.02 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

Tgt Ion:	142	Resp:	14328
Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2





#7

Acenaphthylene

Concen: 1.831 ng/ul

RT: 13.92 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

Instrument :

BNA_N

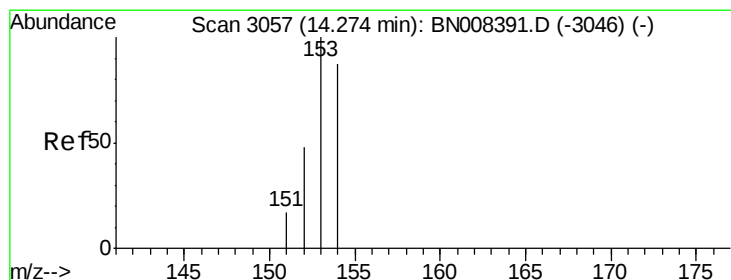
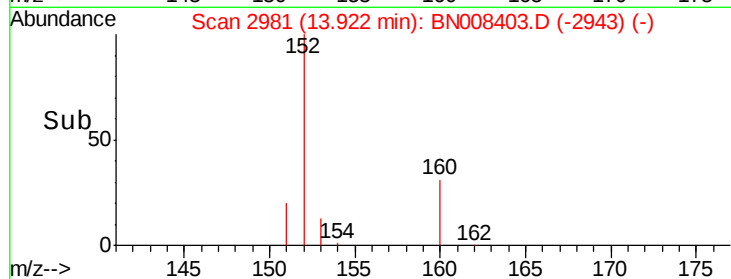
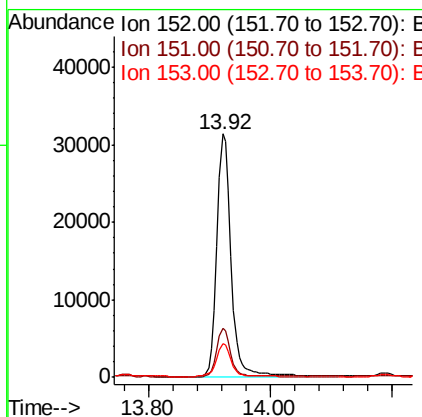
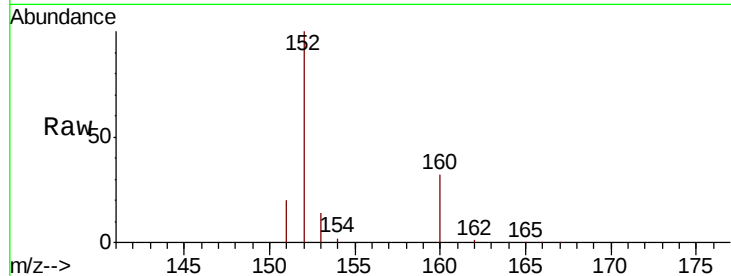
ClientSampleId :

BEPL2

Tot Ion:	152	Resp:	51531
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.4
153	13.7	11.0	16.4

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#8

Acenaphthene

Concen: 1.251 ng/ul

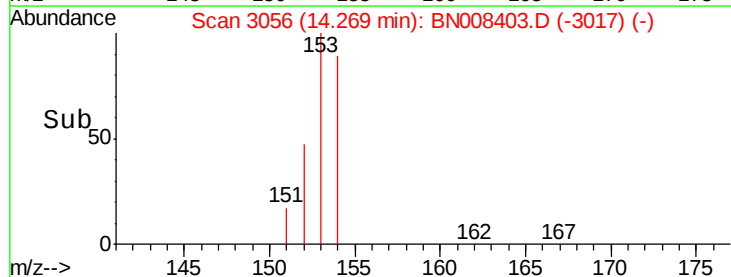
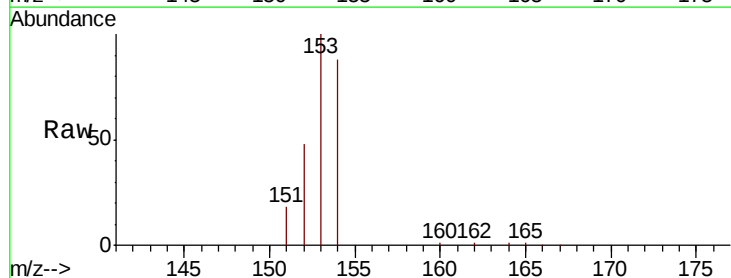
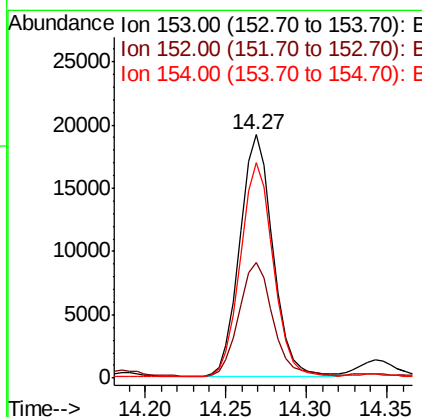
RT: 14.27 min Scan# 3056

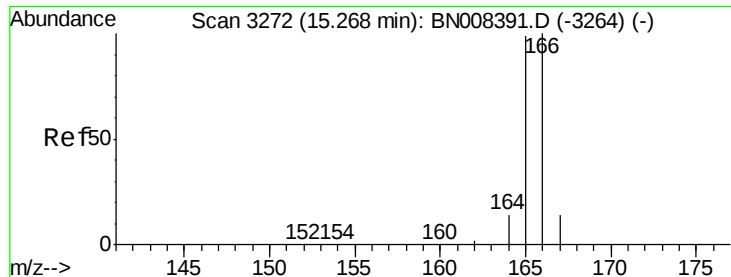
Delta R.T. -0.02 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

Tgt Ion:	153	Resp:	27371
Ion Ratio	Lower	Upper	
153	100		
152	47.5	38.2	57.2
154	88.4	71.8	107.8





#9

Fluorene

Concen: 1.134 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.02 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

Instrument :

BNA_N

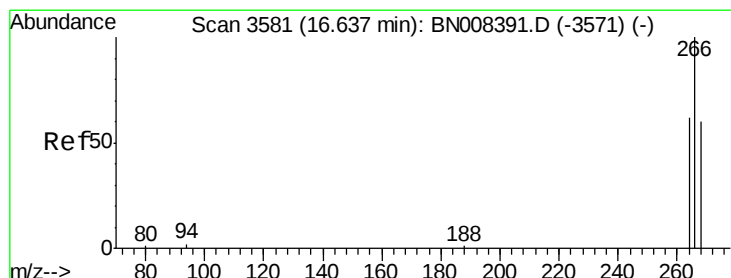
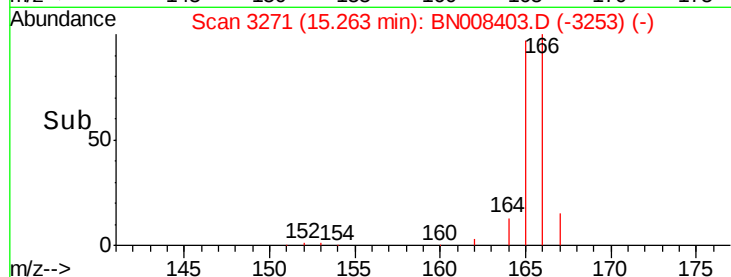
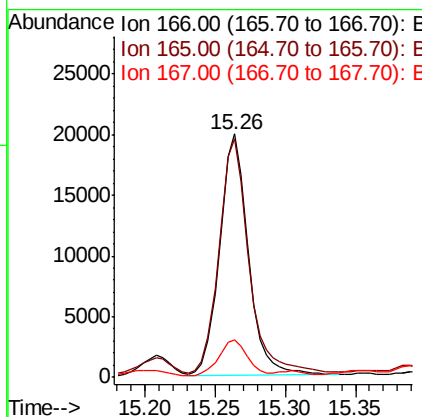
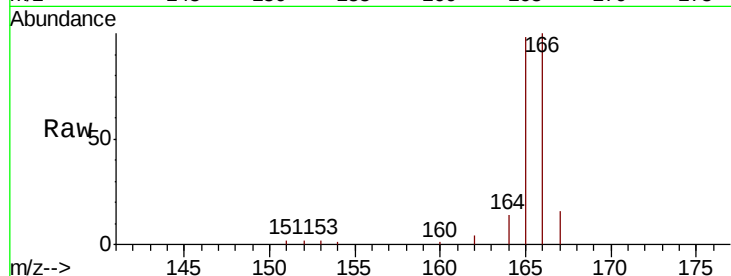
ClientSampleId :

BEPL2

Tot Ion:	166	Resp:	28190
Ion Ratio	Lower	Upper	
166	100		
165	98.1	76.6	115.0
167	15.5	11.7	17.5

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#11

Pentachlorophenol

Concen: 0.073 ng/ul

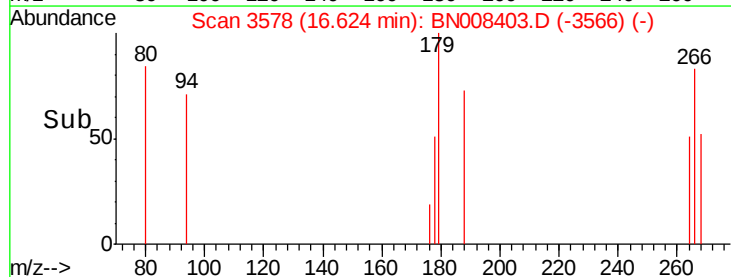
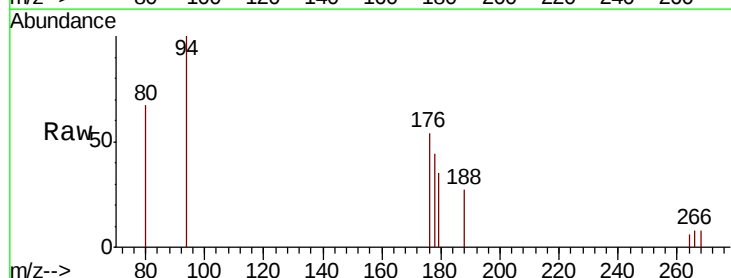
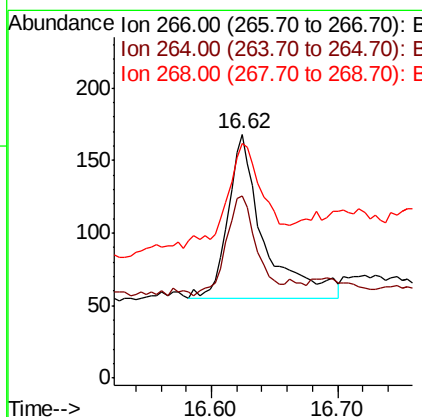
RT: 16.62 min Scan# 3578

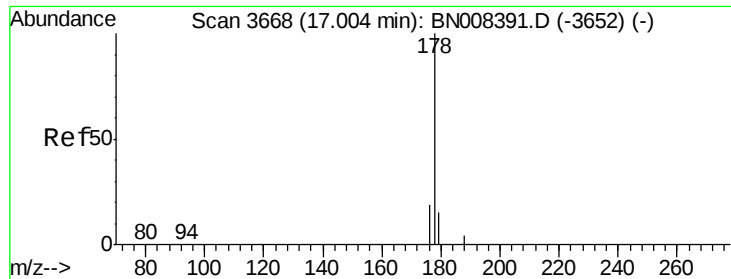
Delta R.T. -0.05 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

Tgt Ion:	266	Resp:	224
Ion Ratio	Lower	Upper	
266	100		
264	52.2	50.1	75.1
268	63.4	51.9	77.9





#12

Phenanthrene

Concen: 11.831 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. -0.02 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

Instrument :

BNA_N

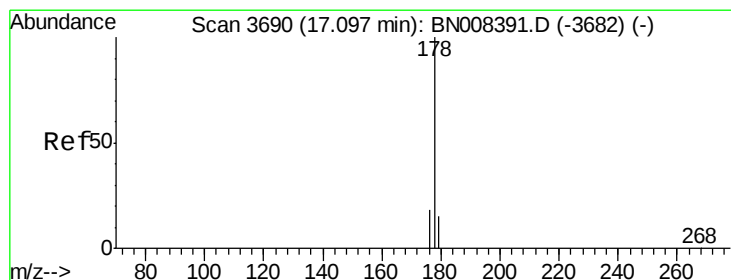
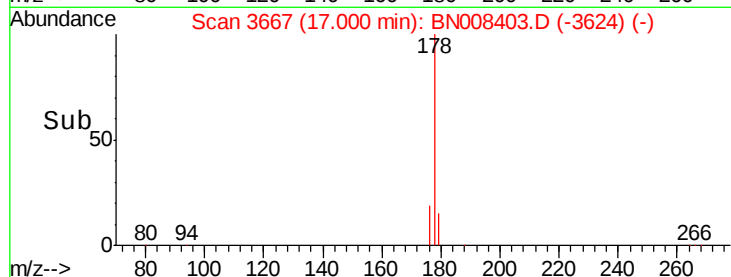
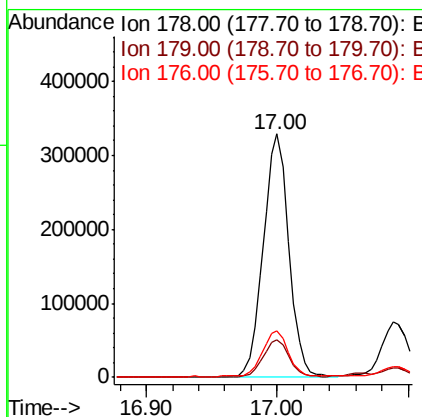
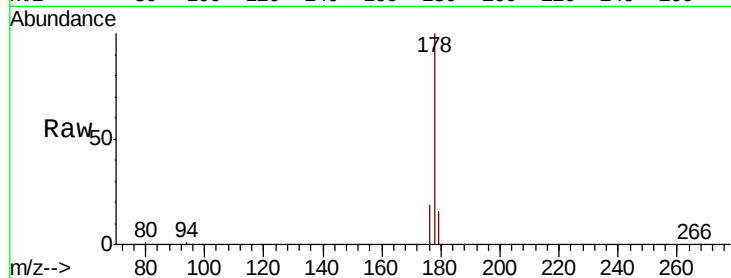
ClientSampleId :

BEPL2

Tot Ion:	178	Resp:	440196
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.8	19.2
176	18.9	15.4	23.2

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#13

Anthracene

Concen: 3.067 ng/ul

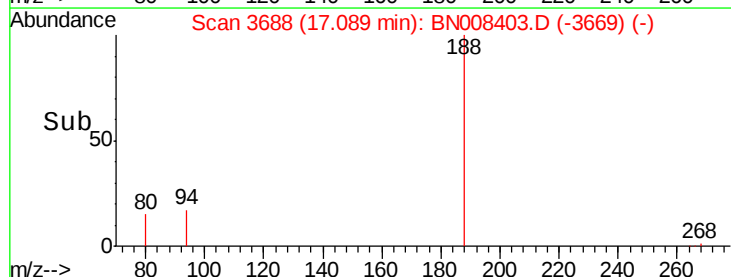
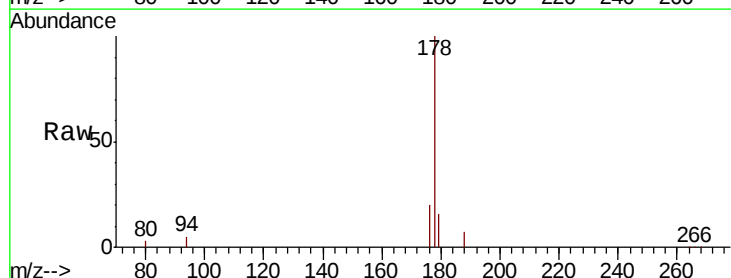
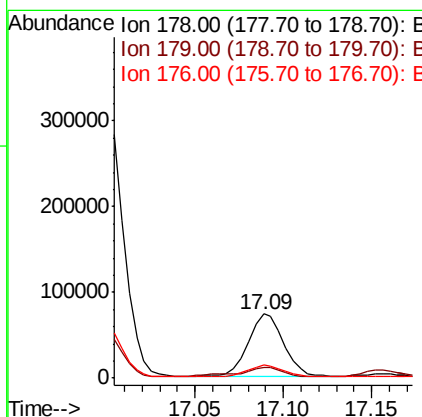
RT: 17.09 min Scan# 3688

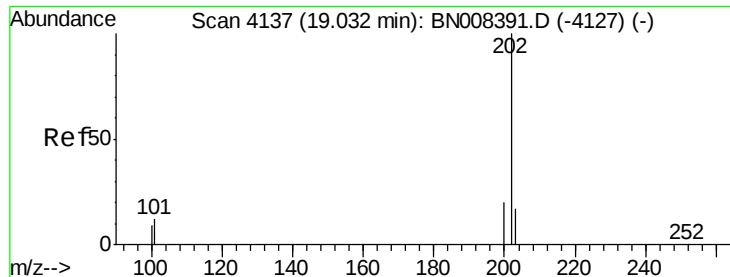
Delta R.T. -0.02 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

Tgt Ion:	178	Resp:	100407
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.0	19.6
176	19.9	15.0	22.6





#15

Fluoranthene

Concen: 17.449 ng/ul

RT: 19.03 min Scan# 4136

Delta R.T. -0.01 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

Instrument :

BNA_N

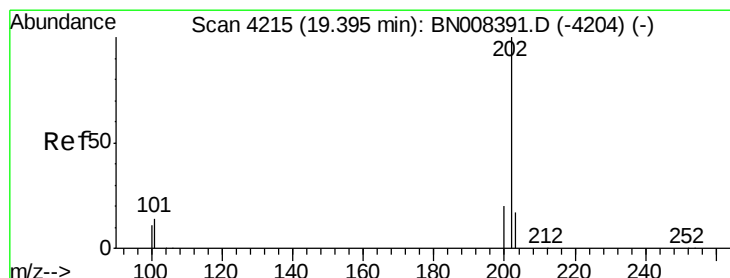
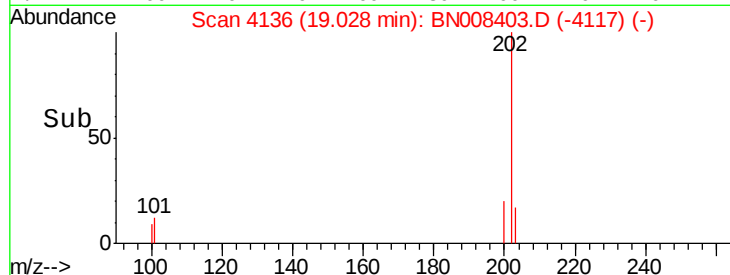
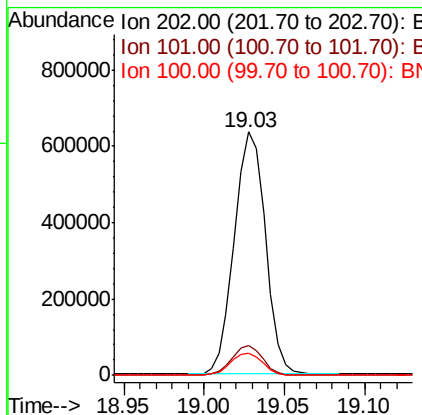
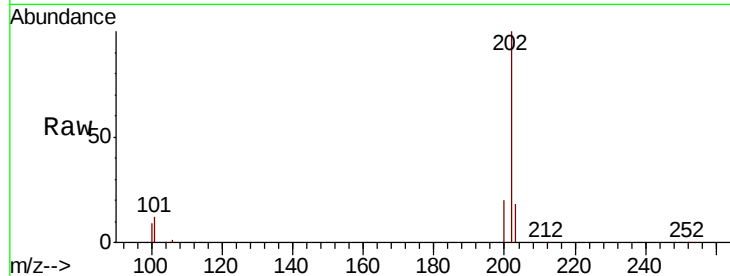
ClientSampleId :

BEPL2

Tot Ion:	202	Resp:	857420
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	31.2
100	9.3	0.0	28.5

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#17

Pyrene

Concen: 16.428 ng/ul

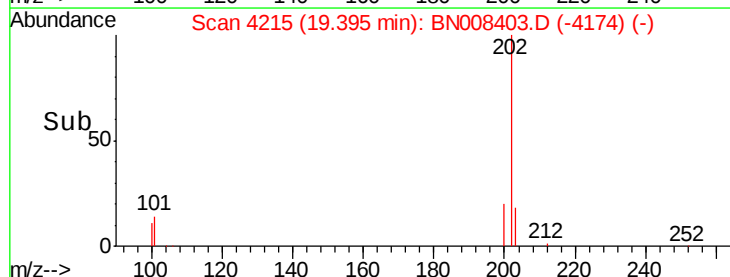
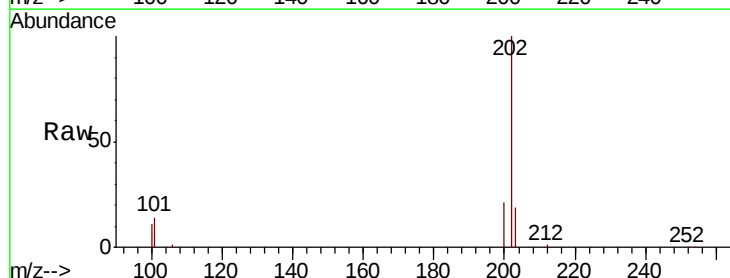
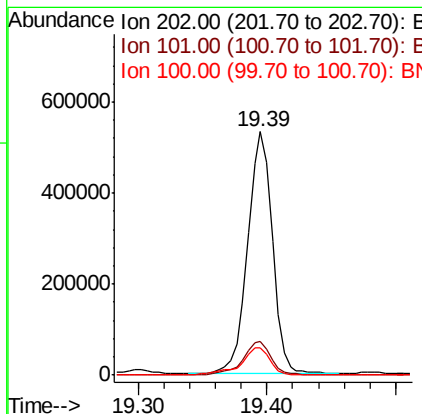
RT: 19.39 min Scan# 4215

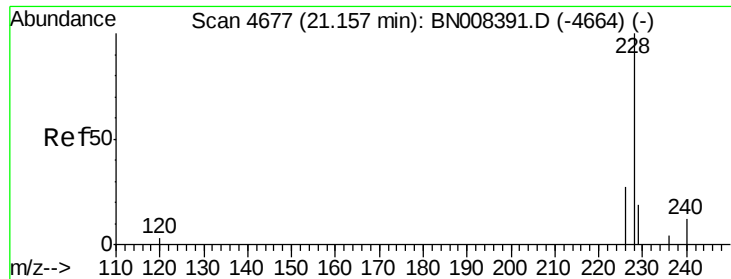
Delta R.T. -0.01 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

Tgt Ion:	202	Resp:	708779
Ion Ratio	Lower	Upper	
202	100		
101	13.8	10.9	16.3
100	11.2	8.7	13.1





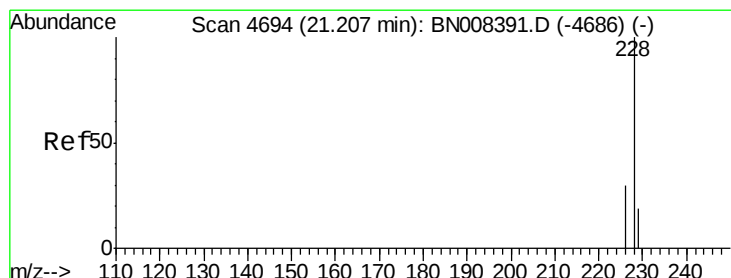
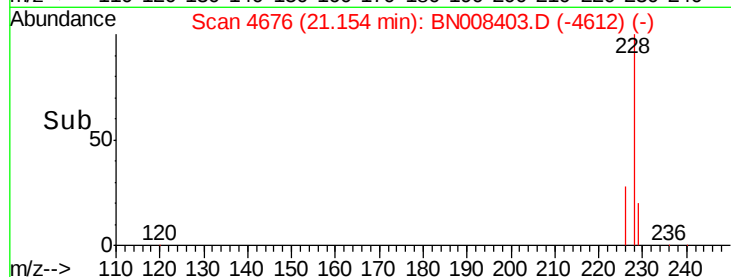
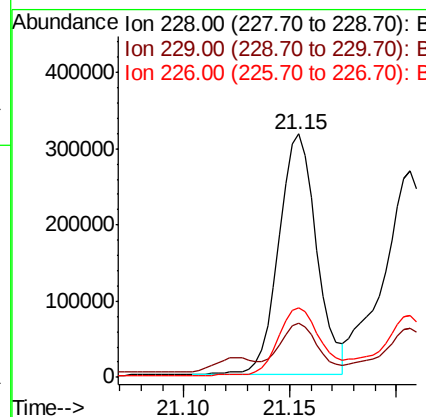
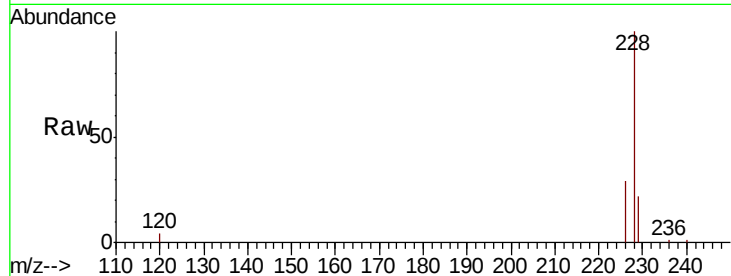
#18
Benzo(a)anthracene
Concen: 9.901 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.01 min
Lab File: BN008403.D
Acq: 25 Oct 2019 00:23

Instrument :
BNA_N
ClientSampleId :
BEPL2

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.2	24.2
226	28.7	21.4	32.0

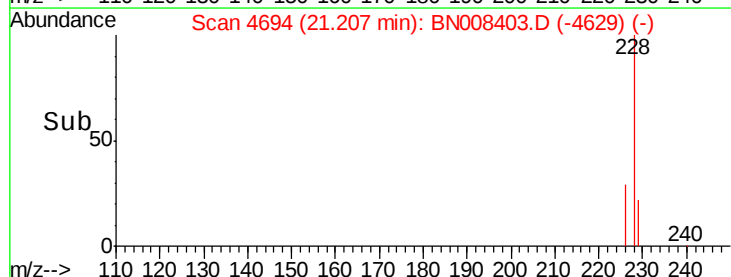
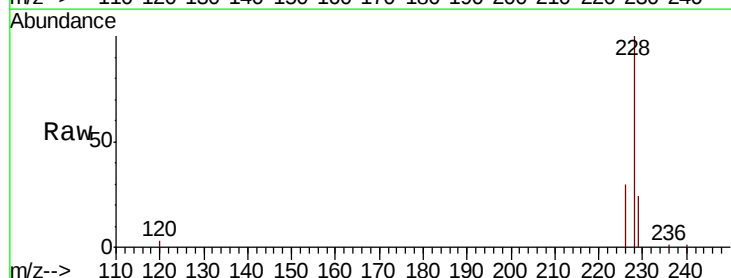
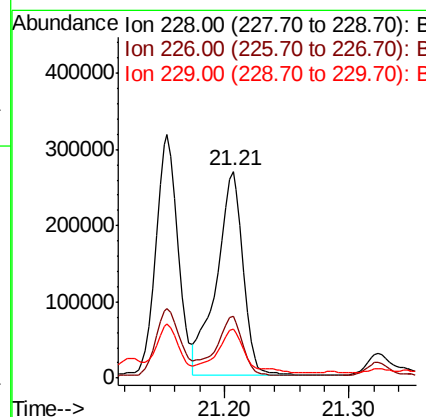
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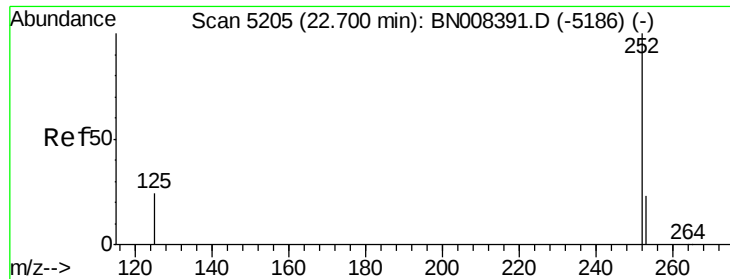
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#19
Chrysene
Concen: 8.153 ng/ul
RT: 21.21 min Scan# 4694
Delta R.T. -0.01 min
Lab File: BN008403.D
Acq: 25 Oct 2019 00:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	23.9	16.2	24.2





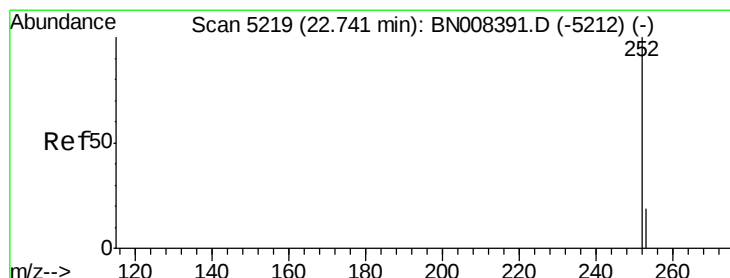
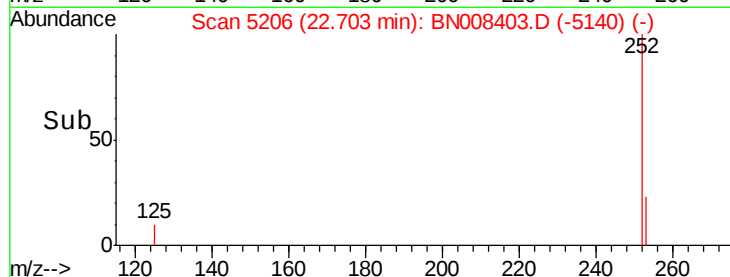
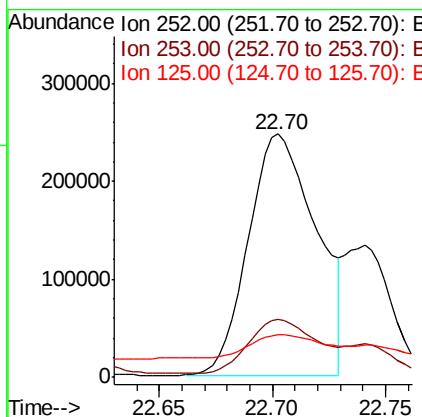
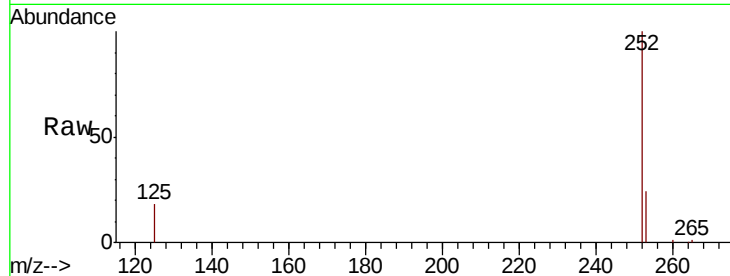
#21
Benzo(b)fluoranthene
Concen: 17.849 ng/ul m
RT: 22.70 min Scan# 5206
Delta R.T. -0.01 min
Lab File: BN008403.D
Acq: 25 Oct 2019 00:23

Instrument :
BNA_N
ClientSampleId :
BEPL2

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.8	0.0	53.4
125	17.6	0.0	32.4

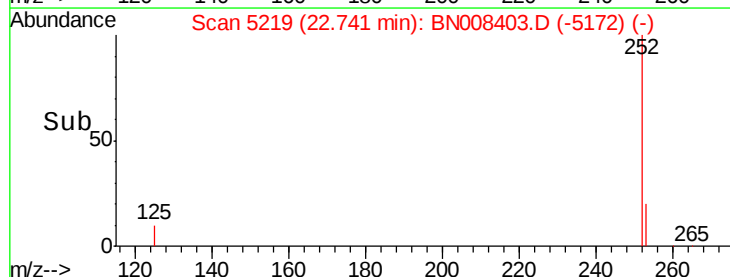
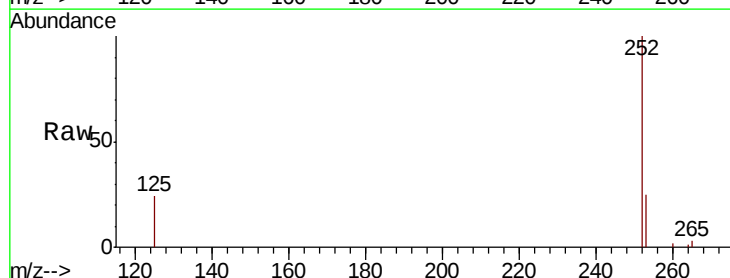
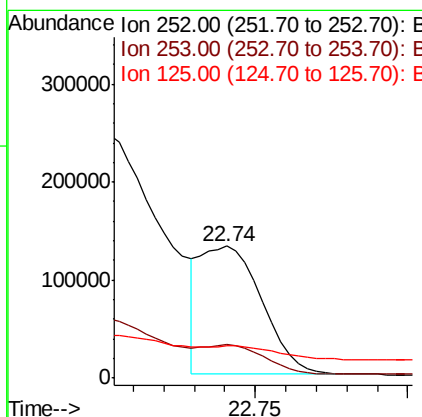
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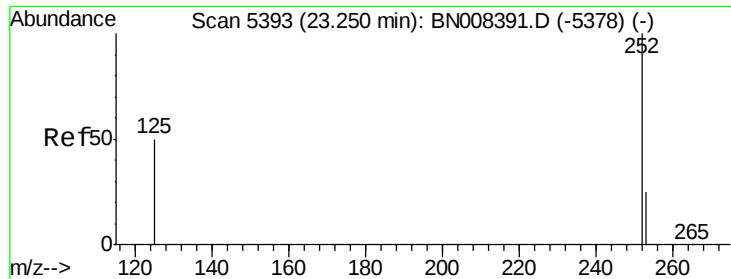
mohammad
10/25/2019 8:06:24 AM



#22
Benzo(k)fluoranthene
Concen: 5.597 ng/ul m
RT: 22.74 min Scan# 5219
Delta R.T. -0.01 min
Lab File: BN008403.D
Acq: 25 Oct 2019 00:23

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.2	21.3	31.9
125	24.3	12.3	18.5#





#23

Benzo(a)pyrene

Concen: 11.491 ng/ul

RT: 23.25 min Scan# 5394

Delta R.T. -0.01 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

Instrument :

BNA_N

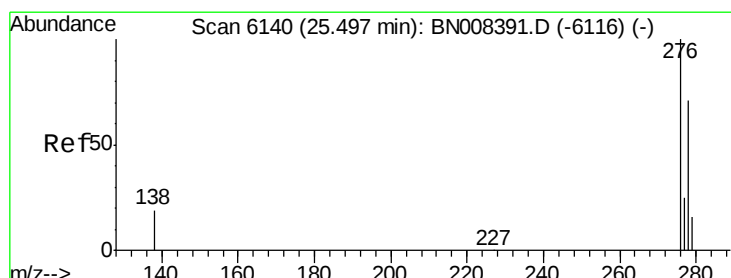
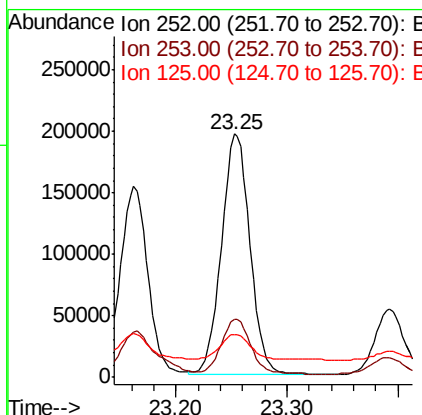
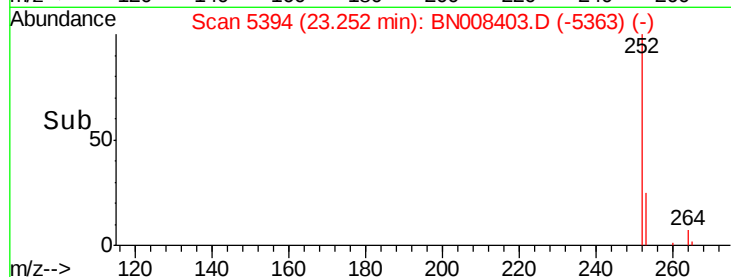
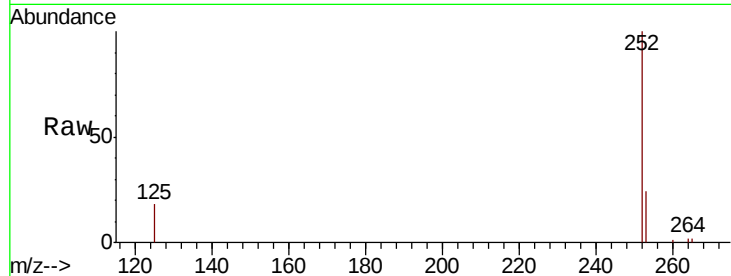
ClientSampleId :

BEPL2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	22.8	34.2
125	17.7	18.4	27.6#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 7.351 ng/ul

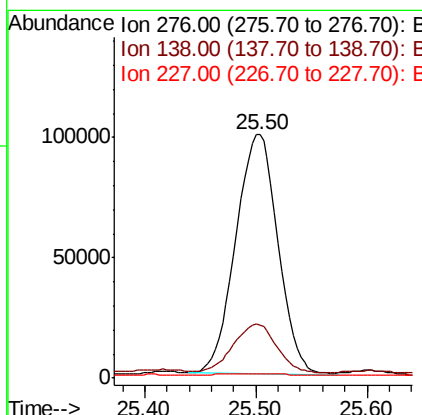
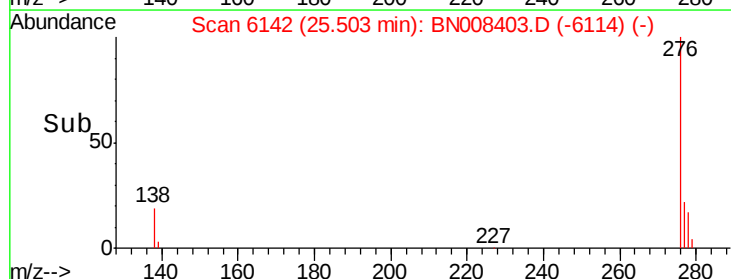
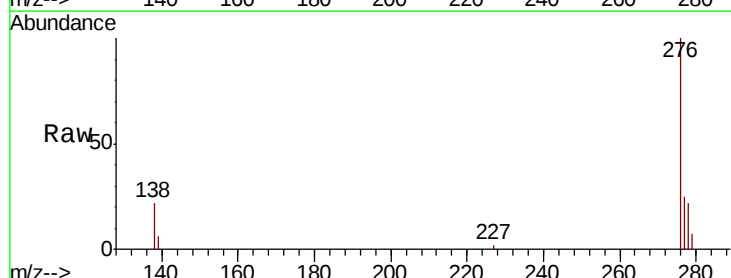
RT: 25.50 min Scan# 6142

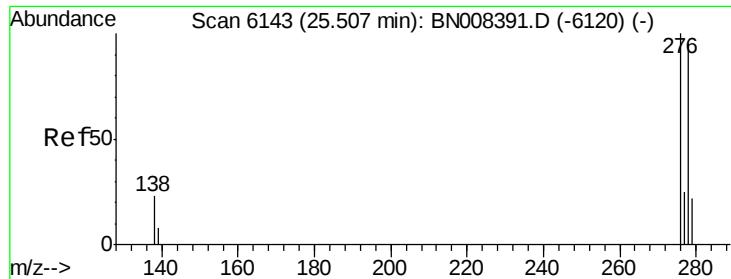
Delta R.T. -0.01 min

Lab File: BN008403.D

Acq: 25 Oct 2019 00:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.1	24.1
227	0.4	0.2	0.2#





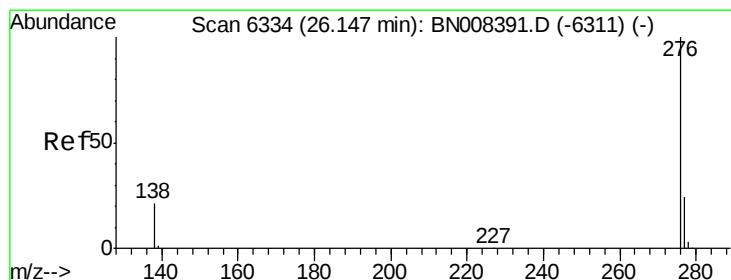
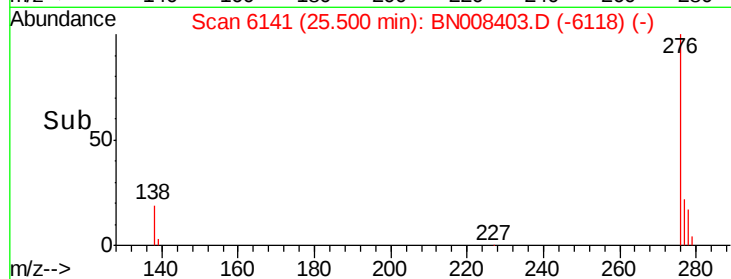
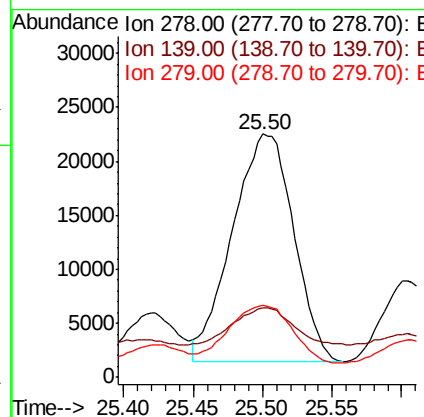
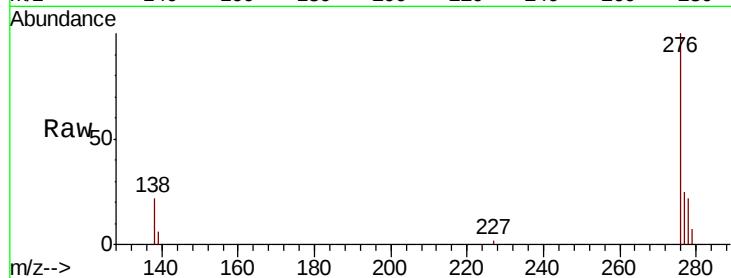
#25
Dibenzo(a,h)anthracene
Concen: 2.286 ng/ul
RT: 25.50 min Scan# 6141
Delta R.T. -0.02 min
Lab File: BN008403.D
Acq: 25 Oct 2019 00:23

Instrument :
BNA_N
ClientSampleId :
BEPL2

Tot Ion	Ratio	Lower	Upper
278	100		
139	28.5	15.0	22.6#
279	29.8	22.4	33.6

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 8.514 ng/ul
RT: 26.16 min Scan# 6337
Delta R.T. -0.01 min
Lab File: BN008403.D
Acq: 25 Oct 2019 00:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	17.0	25.4
277	24.5	20.4	30.6

