

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008413.D
 Acq On : 25 Oct 2019 06:19
 Operator : JU
 Sample : K5236-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPL8

Manual Integrations
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Quant Time: Oct 25 12:03:34 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 25 00:45:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2105	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	9525	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	6281	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	12861	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	10926	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	8152	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	3212	0.20	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	8707	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.38	128	16350	0.603	ng/ul	99
5) 2-Methylnaphthalene	12.01	142	7591	0.408	ng/ul	99
7) Acenaphthylene	13.93	152	22037	0.737	ng/ul	99
8) Acenaphthene	14.27	153	5294	0.228	ng/ul	97
9) Fluorene	15.26	166	10109	0.383	ng/ul	94
11) Pentachlorophenol	16.62	266	296	0.095	ng/ul#	55
12) Phenanthrene	17.00	178	168738	4.481	ng/ul	98
13) Anthracene	17.09	178	32924	0.994	ng/ul#	86
15) Fluoranthene	19.03	202	302754	6.088	ng/ul	99
17) Pyrene	19.40	202	242915	5.584	ng/ul	99
18) Benzo(a)anthracene	21.16	228	135623	3.414	ng/ul#	90
19) Chrysene	21.21	228	147510	3.026	ng/ul#	91
21) Benzo(b)fluoranthene	22.71	252	201358m	7.588	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	73962m	2.460	ng/ul	
23) Benzo(a)pyrene	23.27	252	116229	4.162	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.52	276	110794	3.369	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.52	278	25827	0.993	ng/ul#	72
26) Benzo(g,h,i)perylene	26.17	276	137353	4.554	ng/ul	97

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

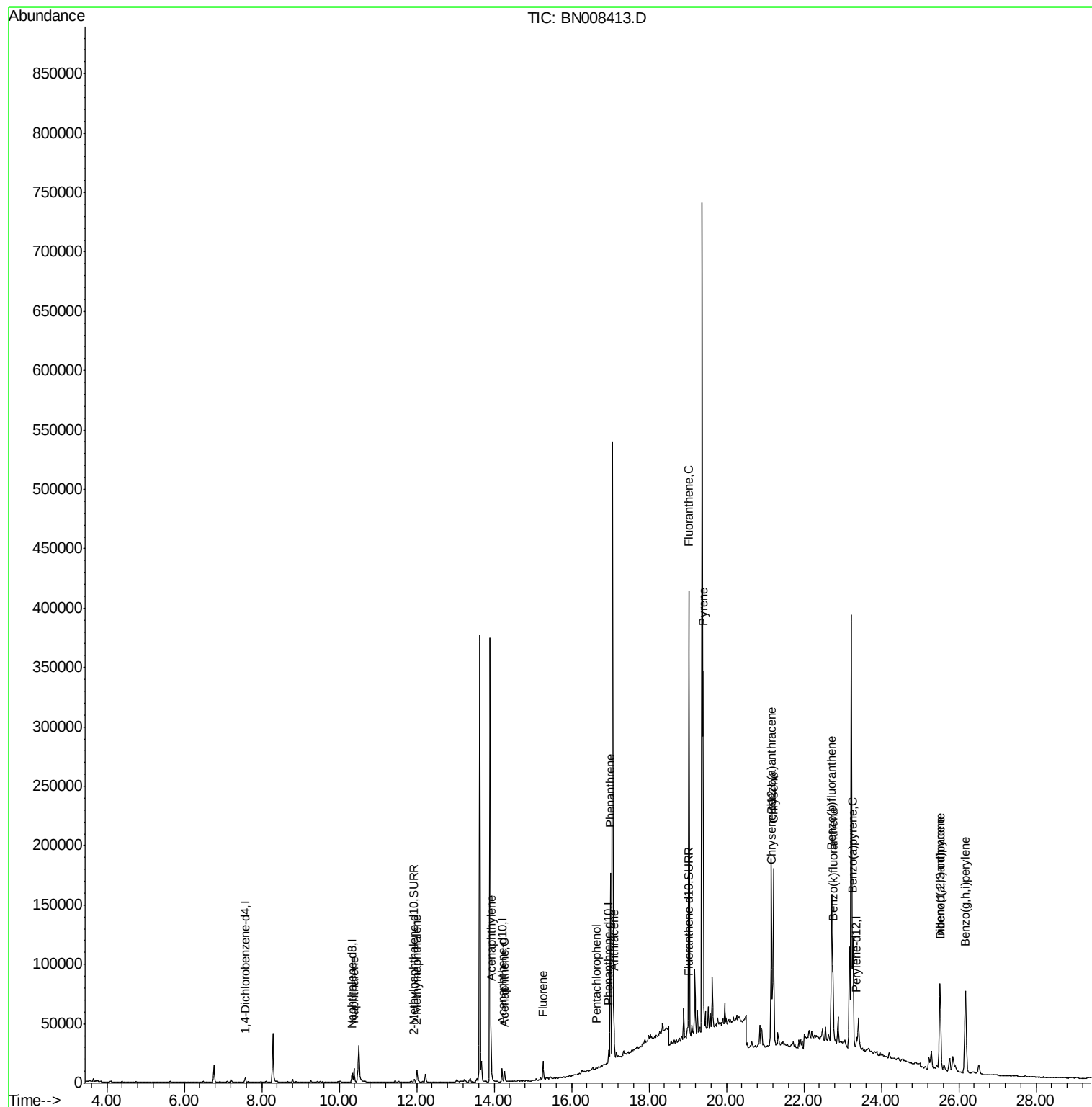
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
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ALS Vial : 35 Sample Multiplier: 1

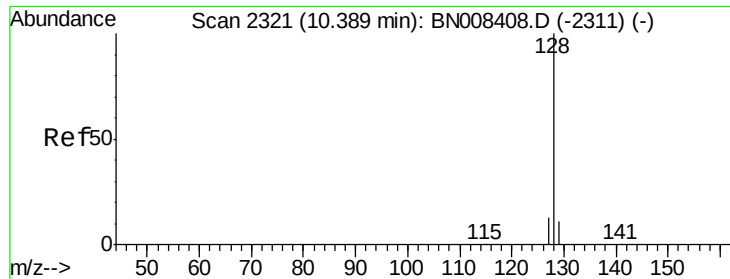
Instrument :
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Quant Time: Oct 25 12:03:34 2019
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#3

Naphthalene

Concen: 0.603 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BN008413.D

Acq: 25 Oct 2019 06:19

Instrument :

BNA_N

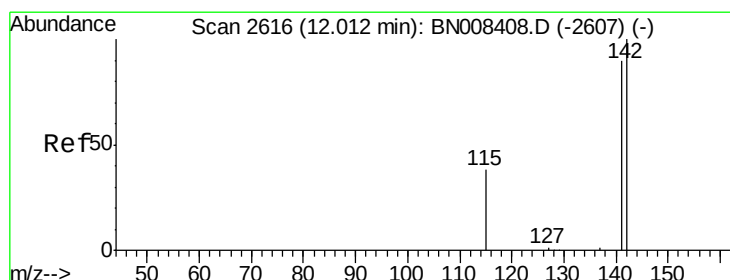
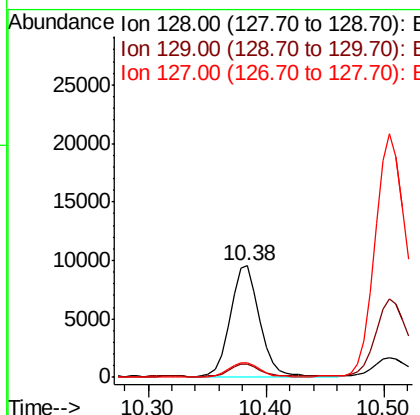
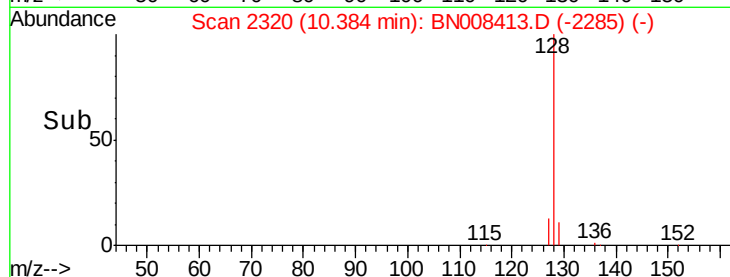
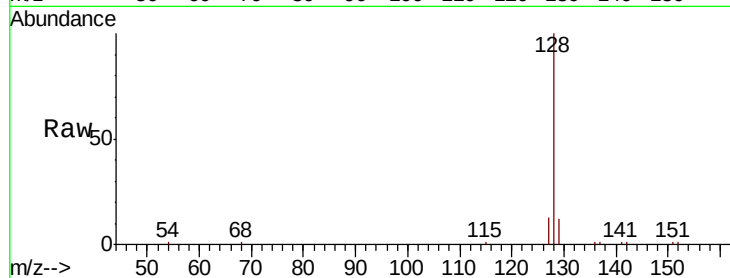
ClientSampleId :

BEPL8

Tot Ion:	128	Resp:	16350
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.8	14.8
127	13.4	11.1	16.7

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#5

2-Methylnaphthalene

Concen: 0.408 ng/ul

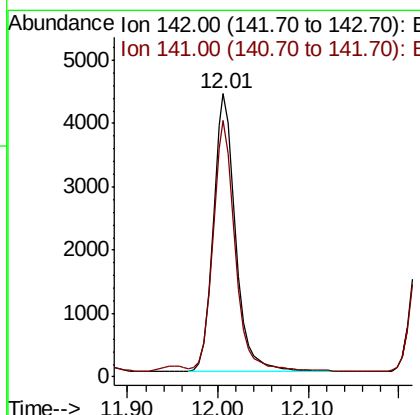
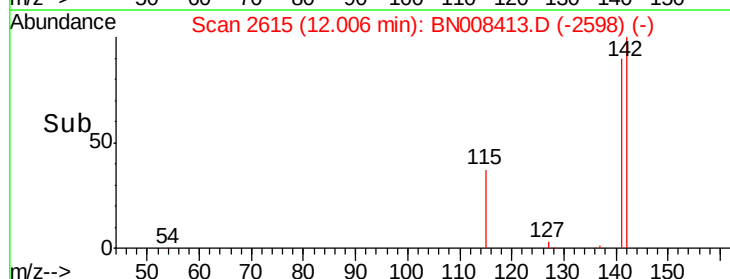
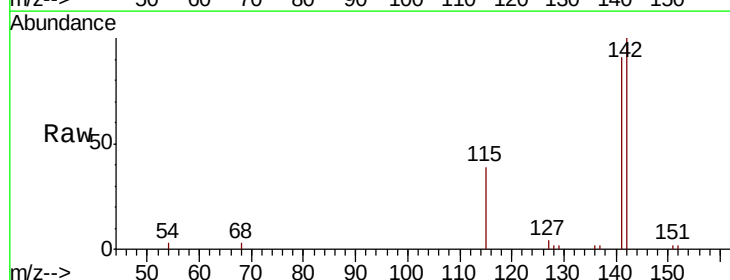
RT: 12.01 min Scan# 2615

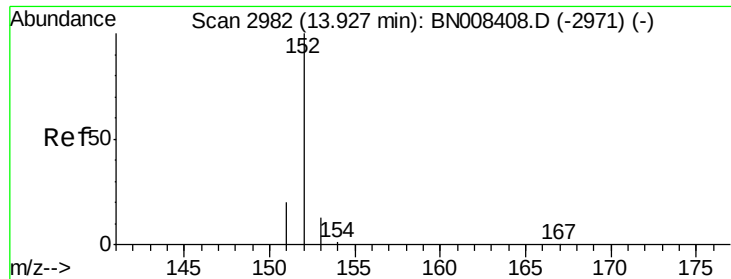
Delta R.T. -0.01 min

Lab File: BN008413.D

Acq: 25 Oct 2019 06:19

Tgt Ion:	142	Resp:	7591
Ion Ratio	Lower	Upper	
142	100		
141	90.2	71.4	107.2





#7

Acenaphthylene

Concen: 0.737 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BN008413.D

Acq: 25 Oct 2019 06:19

Instrument :

BNA_N

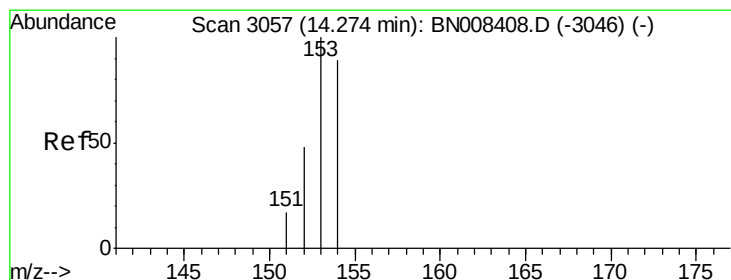
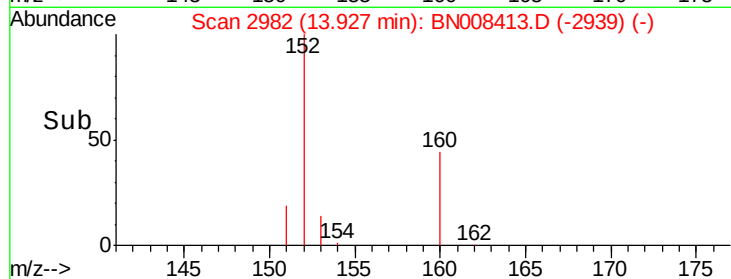
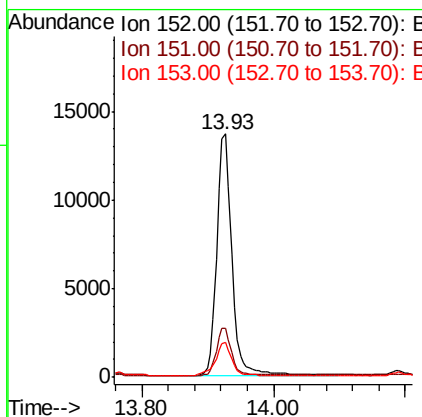
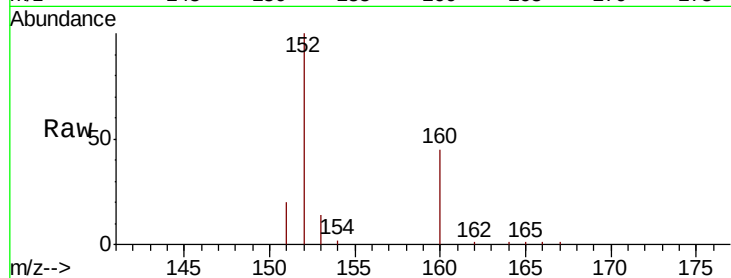
ClientSampleId :

BEPL8

Tot Ion:	152	Resp:	22037
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.2	24.4
153	14.1	11.0	16.4

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#8

Acenaphthene

Concen: 0.228 ng/ul

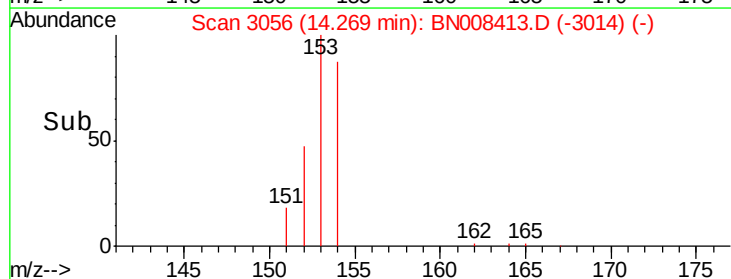
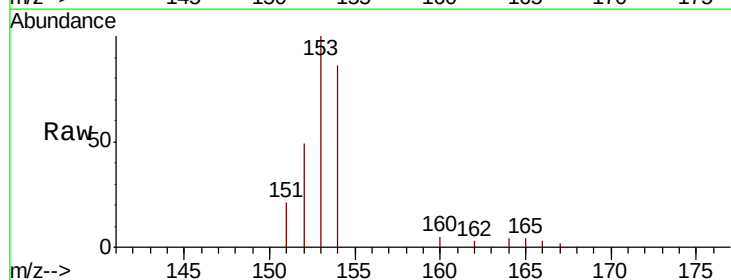
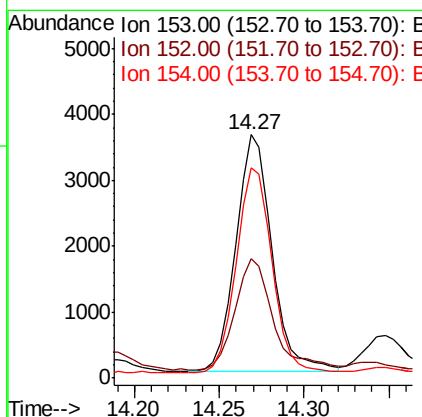
RT: 14.27 min Scan# 3056

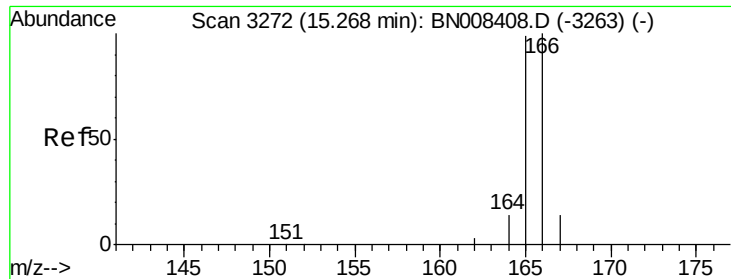
Delta R.T. -0.00 min

Lab File: BN008413.D

Acq: 25 Oct 2019 06:19

Tgt Ion:	153	Resp:	5294
Ion Ratio	Lower	Upper	
153	100		
152	49.3	38.2	57.2
154	86.4	71.8	107.8





#9

Fluorene

Concen: 0.383 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.00 min

Lab File: BN008413.D

Acq: 25 Oct 2019 06:19

Instrument :

BNA_N

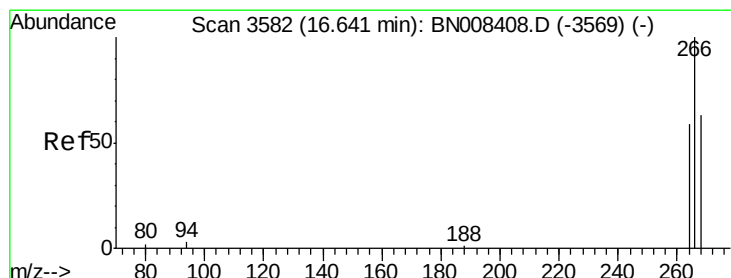
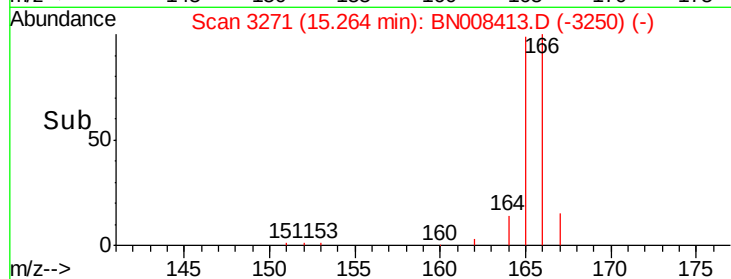
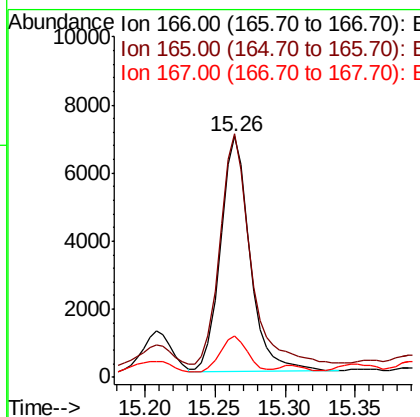
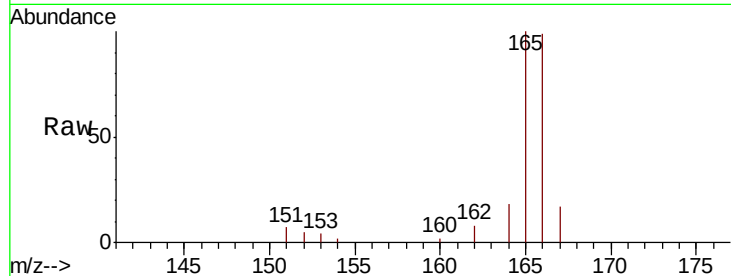
ClientSampleId :

BEPL8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	101.3	76.6	115.0		
167	17.0	11.7	17.5		

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#11

Pentachlorophenol

Concen: 0.095 ng/ul

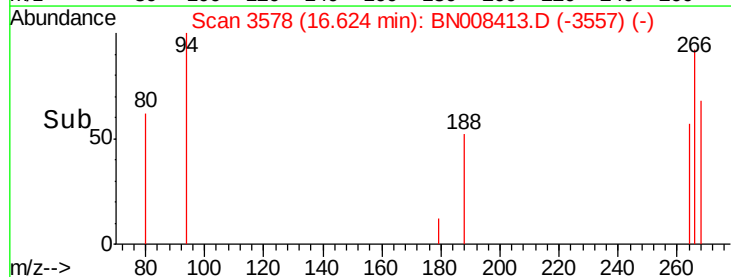
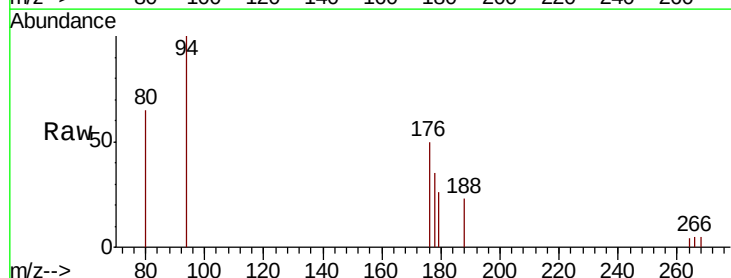
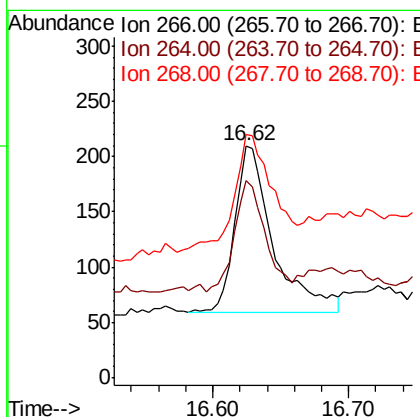
RT: 16.62 min Scan# 3578

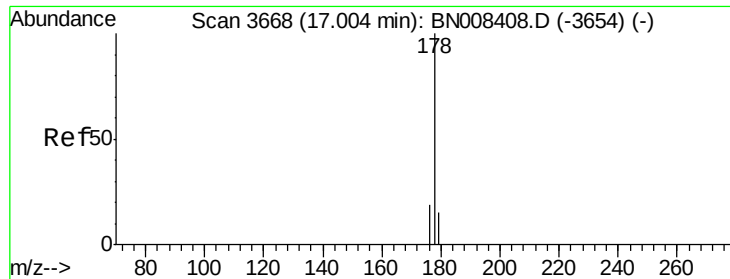
Delta R.T. -0.01 min

Lab File: BN008413.D

Acq: 25 Oct 2019 06:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
266	100				
264	52.7	50.1	75.1		
268	125.0	51.9	77.9		





#12

Phenanthrene

Concen: 4.481 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BN008413.D

Acq: 25 Oct 2019 06:19

Instrument :

BNA_N

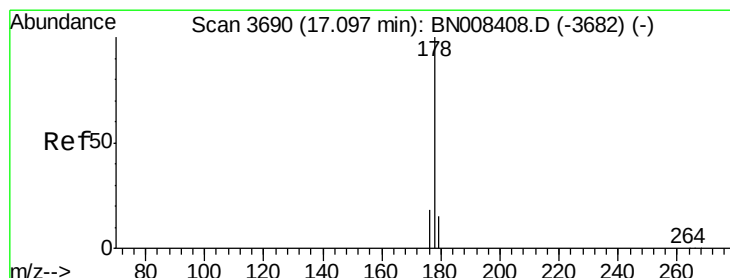
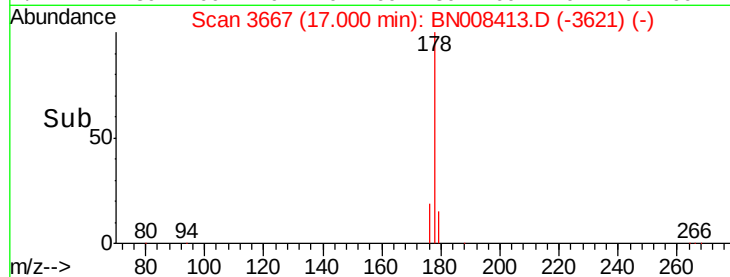
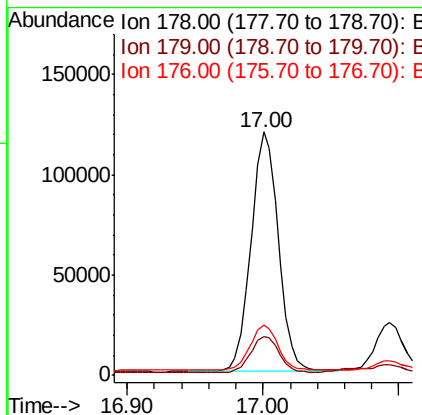
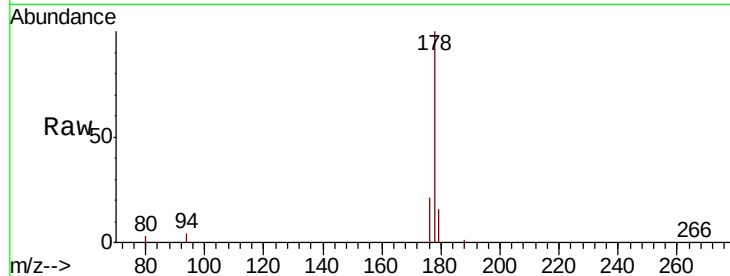
ClientSampleId :

BEPL8

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.8	19.2
176	20.8	15.4	23.2

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#13

Anthracene

Concen: 0.994 ng/ul

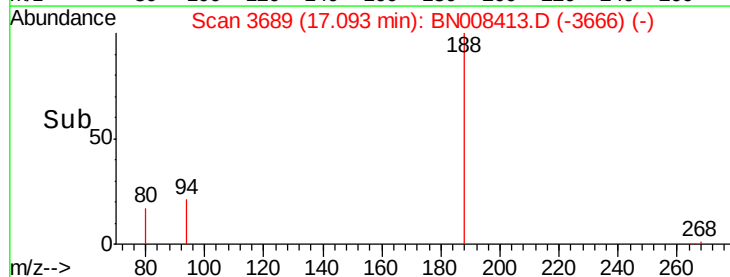
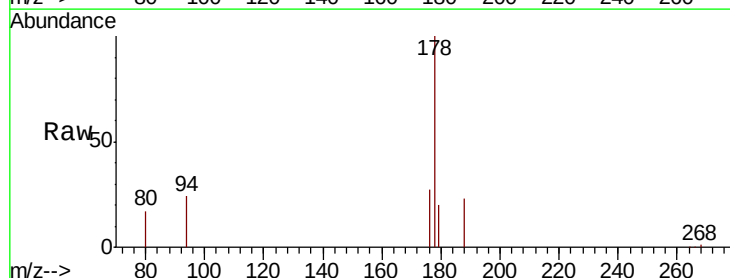
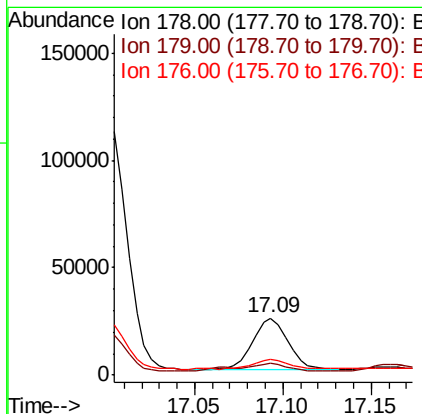
RT: 17.09 min Scan# 3689

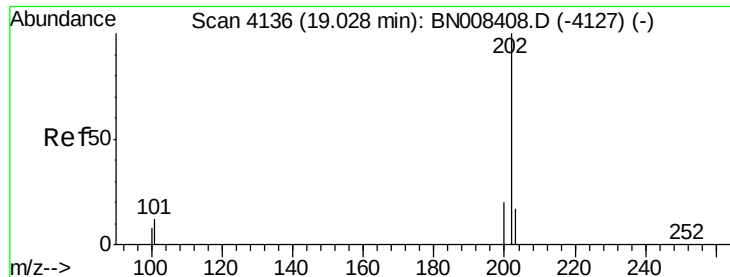
Delta R.T. -0.00 min

Lab File: BN008413.D

Acq: 25 Oct 2019 06:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.2	13.0	19.6#
176	27.0	15.0	22.6#





#15

Fluoranthene

Concen: 6.088 ng/ul

RT: 19.03 min Scan# 4137

Delta R.T. 0.00 min

Lab File: BN008413.D

Acq: 25 Oct 2019 06:19

Instrument :

BNA_N

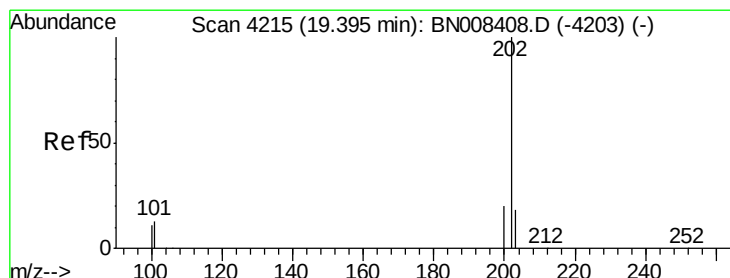
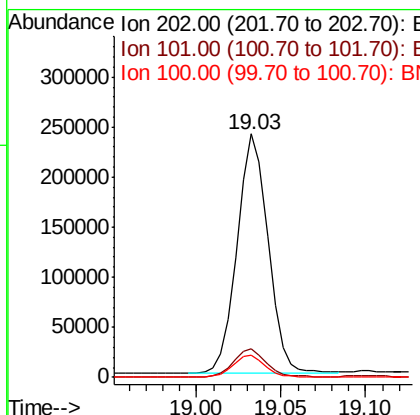
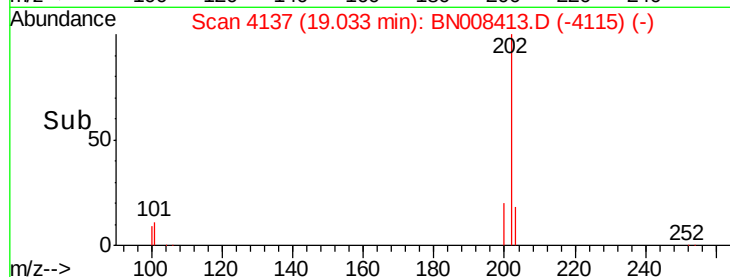
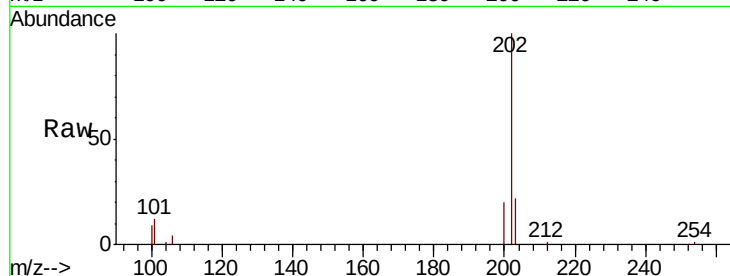
ClientSampleId :

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Tot Ion:	202	Resp:	302754
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	31.2
100	8.9	0.0	28.5

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#17

Pyrene

Concen: 5.584 ng/ul

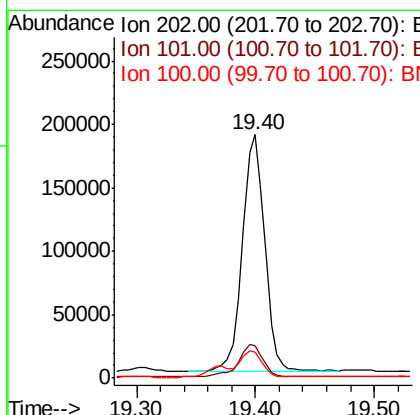
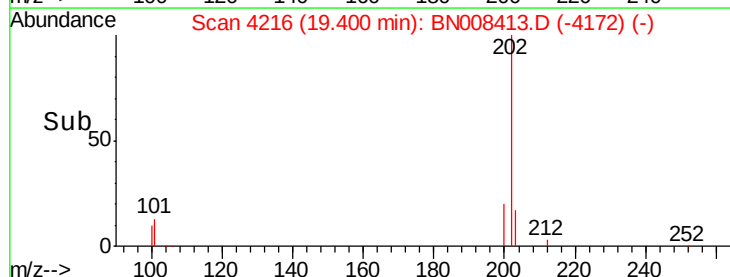
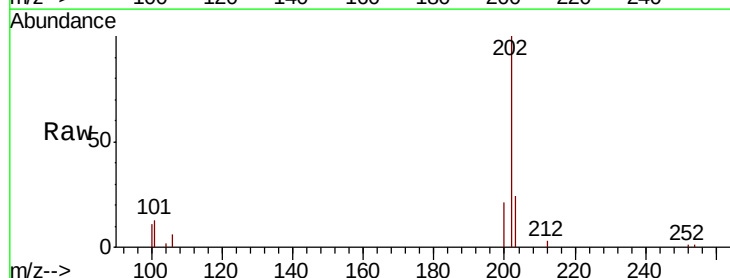
RT: 19.40 min Scan# 4216

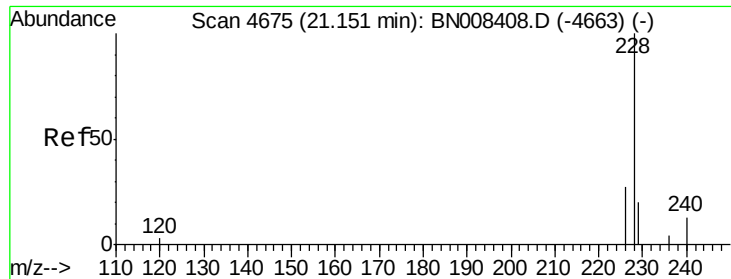
Delta R.T. 0.00 min

Lab File: BN008413.D

Acq: 25 Oct 2019 06:19

Tgt Ion:	202	Resp:	242915
Ion Ratio	Lower	Upper	
202	100		
101	13.2	10.9	16.3
100	10.6	8.7	13.1





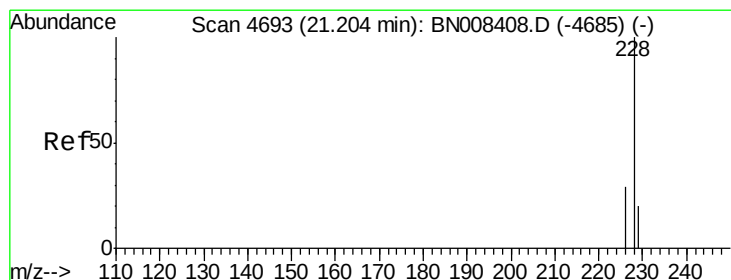
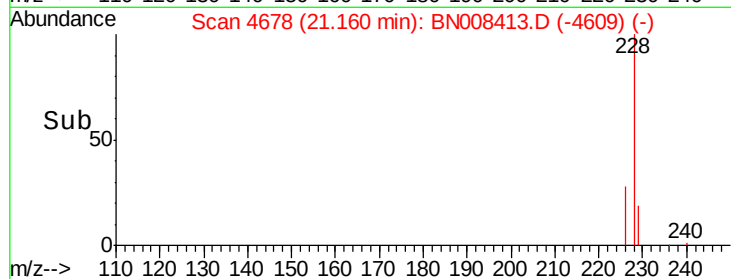
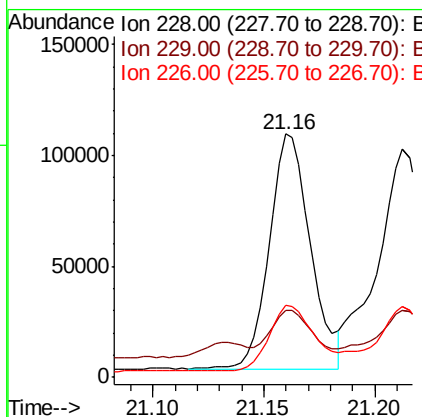
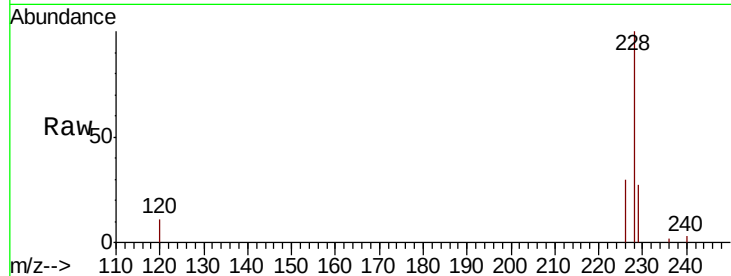
#18
Benzo(a)anthracene
Concen: 3.414 ng/ul
RT: 21.16 min Scan# 4678
Delta R.T. 0.00 min
Lab File: BN008413.D
Acq: 25 Oct 2019 06:19

Instrument :
BNA_N
ClientSampled :
BEPL8

Tot Ion	Ratio	Lower	Upper
228	100		
229	27.4	16.2	24.2#
226	29.6	21.4	32.0

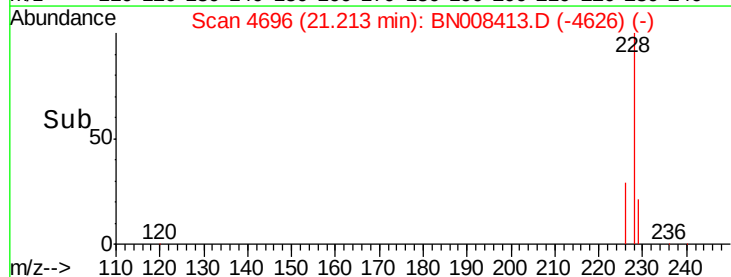
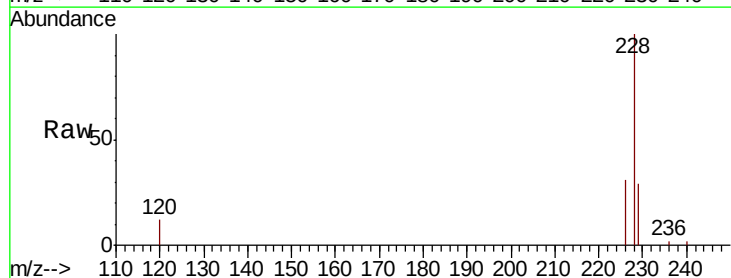
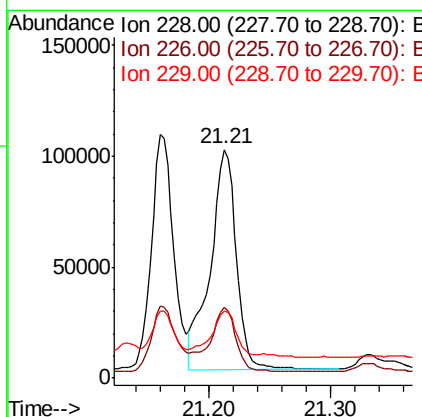
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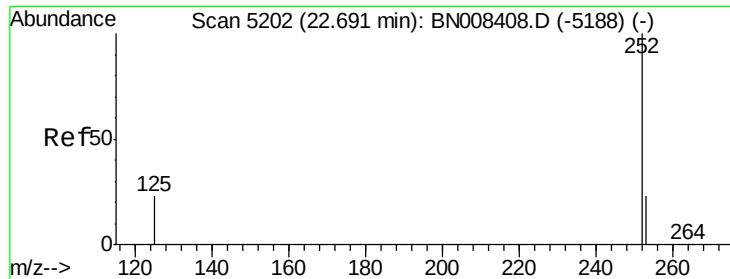
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#19
Chrysene
Concen: 3.026 ng/ul
RT: 21.21 min Scan# 4696
Delta R.T. 0.01 min
Lab File: BN008413.D
Acq: 25 Oct 2019 06:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	29.2	16.2	24.2#





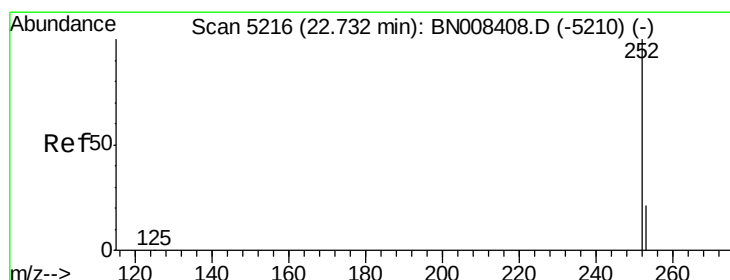
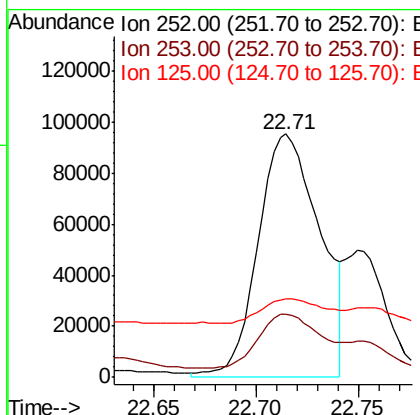
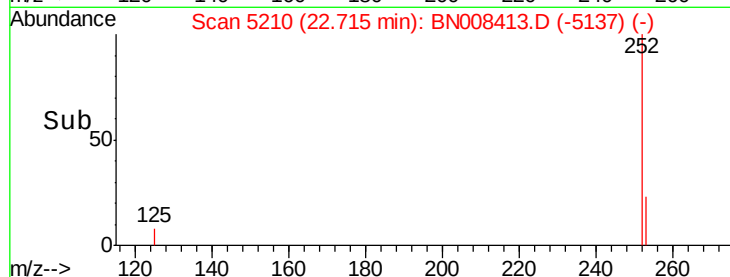
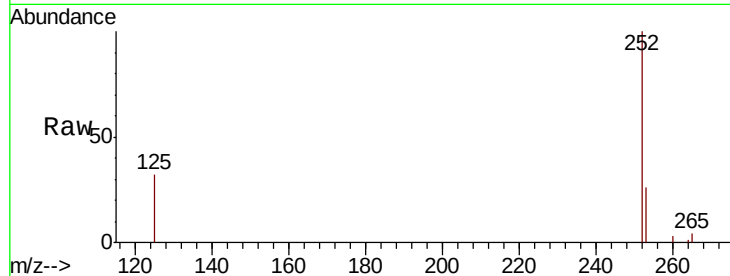
#21
Benzo(b)fluoranthene
Concen: 7.588 ng/ul m
RT: 22.71 min Scan# 5210
Delta R.T. 0.01 min
Lab File: BN008413.D
Acq: 25 Oct 2019 06:19

Instrument :
BNA_N
ClientSampleId :
BEPL8

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	26.1	0.0	53.4
125	32.1	0.0	32.4

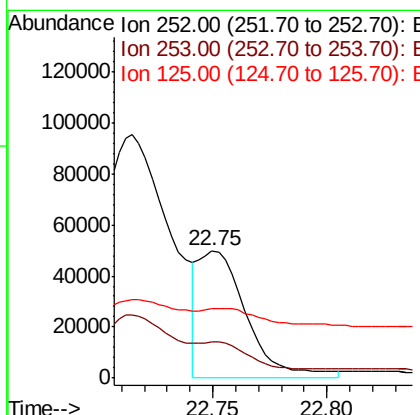
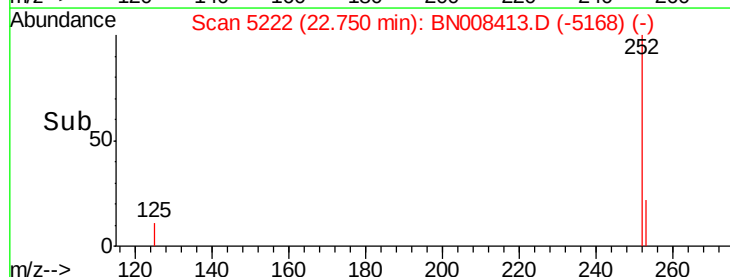
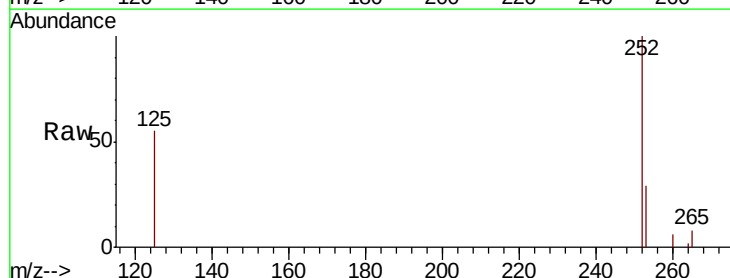
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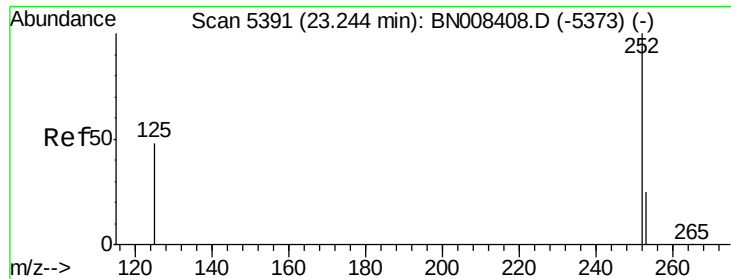
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#22
Benzo(k)fluoranthene
Concen: 2.460 ng/ul m
RT: 22.75 min Scan# 5222
Delta R.T. 0.01 min
Lab File: BN008413.D
Acq: 25 Oct 2019 06:19

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	28.8	21.3	31.9
125	54.7	12.3	18.5#





#23

Benzo(a)pyrene

Concen: 4.162 ng/ul

RT: 23.27 min Scan# 5399

Delta R.T. 0.02 min

Lab File: BN008413.D

Acq: 25 Oct 2019 06:19

Instrument :

BNA_N

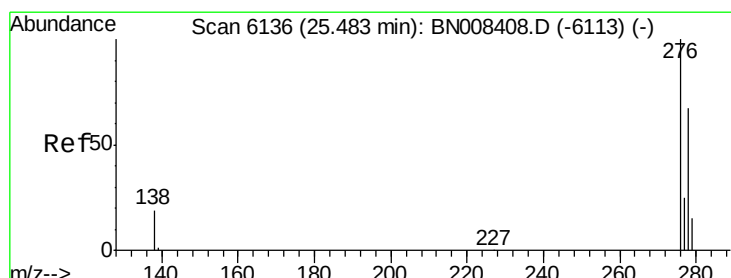
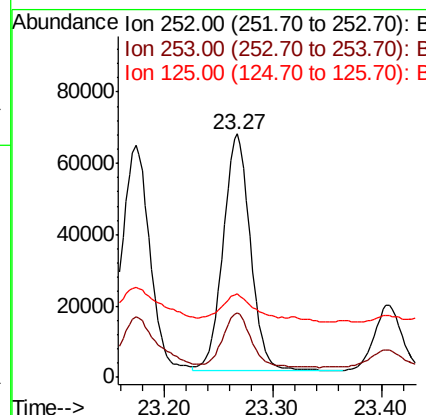
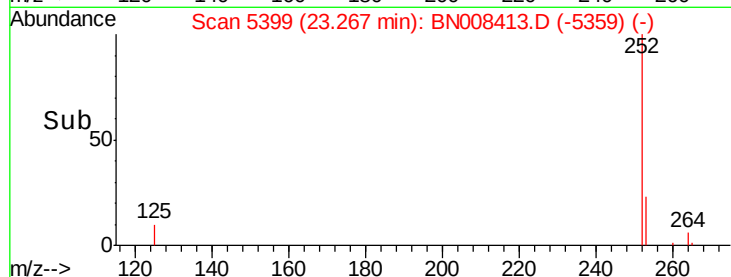
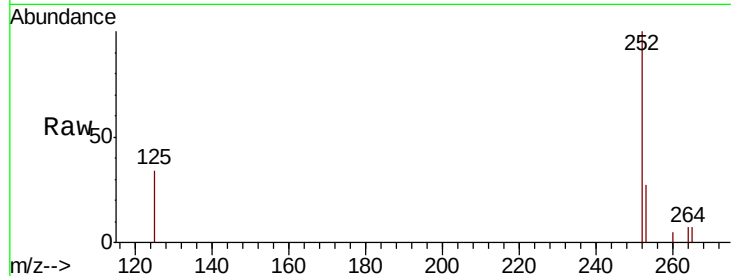
ClientSampled :

BEPL8

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	22.8	34.2
125	34.2	18.4	27.6

Manual Integrations
APPROVED

mohammad
10/25/2019 9:28:17 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 3.369 ng/ul

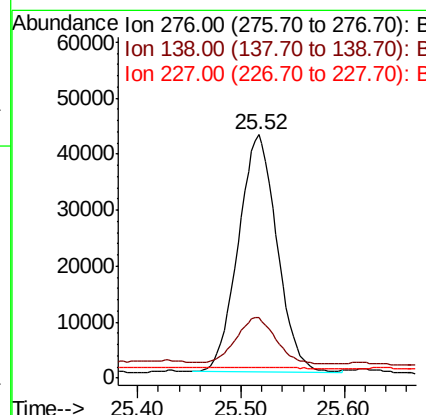
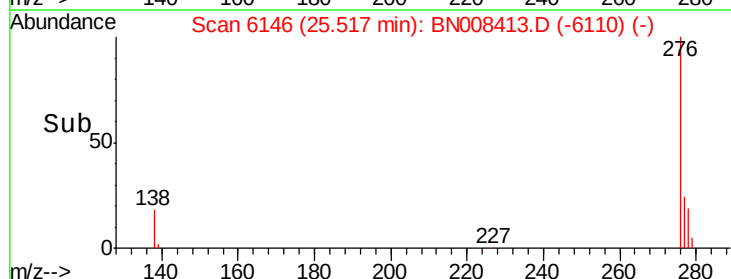
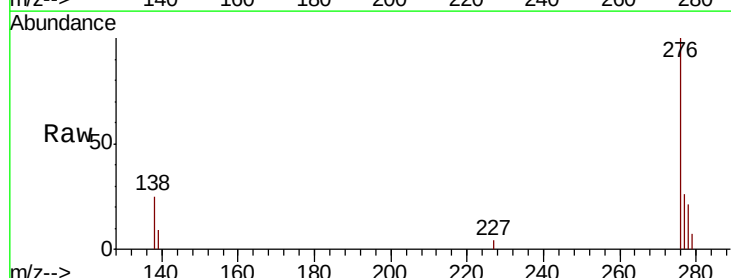
RT: 25.52 min Scan# 6146

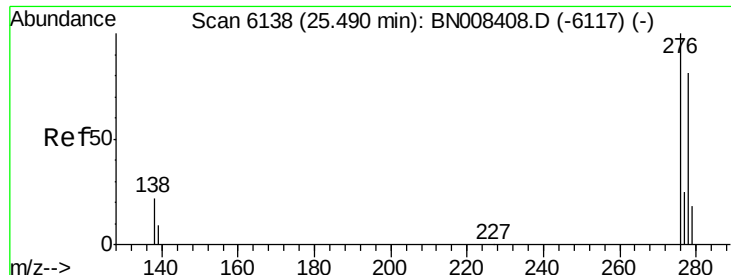
Delta R.T. 0.02 min

Lab File: BN008413.D

Acq: 25 Oct 2019 06:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.1	24.1
227	0.0	0.2	0.2





#25

Dibenzo(a,h)anthracene

Concen: 0.993 ng/ul

RT: 25.52 min Scan# 6146

Delta R.T. 0.01 min

Lab File: BN008413.D

Acq: 25 Oct 2019 06:19

Instrument :

BNA_N

ClientSampled :

BEPL8

Tot Ion:278 Resp: 25827

Ion Ratio Lower Upper

278 100

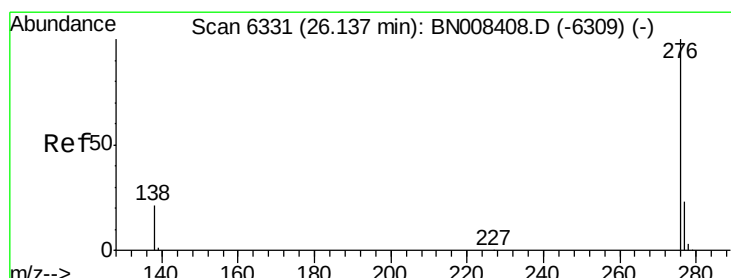
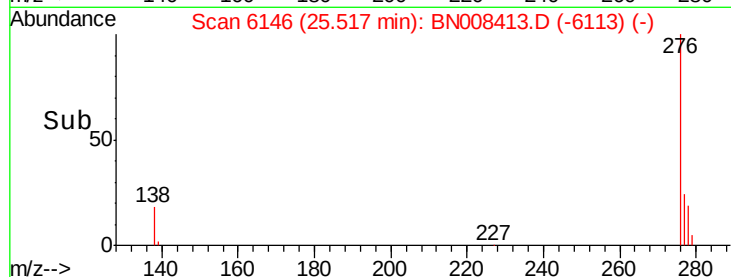
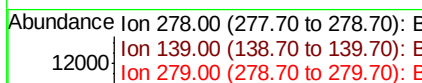
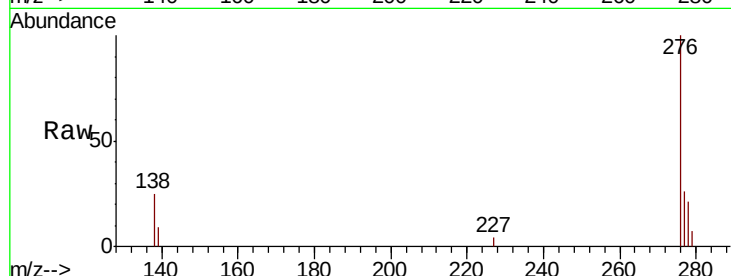
139 42.2 15.0 22.6#

279 34.6 22.4 33.6#

Manual Integrations
APPROVED

mohammad

10/25/2019 9:28:17 PM



#26

Benzo(g,h,i)perylene

Concen: 4.554 ng/ul

RT: 26.17 min Scan# 6342

Delta R.T. 0.03 min

Lab File: BN008413.D

Acq: 25 Oct 2019 06:19

Tgt Ion:276 Resp: 137353

Ion Ratio Lower Upper

276 100

138 24.0 17.0 25.4

277 25.0 20.4 30.6

