

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008405.D
 Acq On : 25 Oct 2019 01:34
 Operator : JU
 Sample : K5236-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPL3

Manual Integrations
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mohammad
 10/25/2019 8:06:33 AM

Quant Time: Oct 25 03:05:28 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	1830	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.33	136	8603	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5679	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.96	188	11864	0.40	ng/ul	-0.02
16) Chrysene-d12	21.17	240	9952	0.40	ng/ul	-0.01
20) Perylene-d12	23.34	264	8457	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	3189	0.22	ng/ul	-0.03
14) Fluoranthene-d10	19.00	212	8805	0.21	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.38	128	22881	0.934	ng/ul	98
5) 2-Methylnaphthalene	12.01	142	13911	0.828	ng/ul	100
7) Acenaphthylene	13.93	152	28960	1.071	ng/ul	99
8) Acenaphthene	14.27	153	15355	0.730	ng/ul	99
9) Fluorene	15.26	166	15897	0.666	ng/ul	97
11) Pentachlorophenol	16.62	266	175	0.061	ng/ul#	56
12) Phenanthrene	17.00	178	271523	7.817	ng/ul	99
13) Anthracene	17.09	178	56964	1.864	ng/ul	97
15) Fluoranthene	19.03	202	443056	9.658	ng/ul	99
17) Pyrene	19.40	202	365720	9.229	ng/ul	99
18) Benzo(a)anthracene	21.15	228	184830	5.108	ng/ul	95
19) Chrysene	21.20	228	189101m	4.259	ng/ul	
21) Benzo(b)fluoranthene	22.70	252	242091m	8.794	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	82997m	2.661	ng/ul	
23) Benzo(a)pyrene	23.25	252	155931	5.382	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.49	276	125227	3.670	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.49	278	29462	1.092	ng/ul#	78
26) Benzo(g,h,i)perylene	26.15	276	132568	4.237	ng/ul	97

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

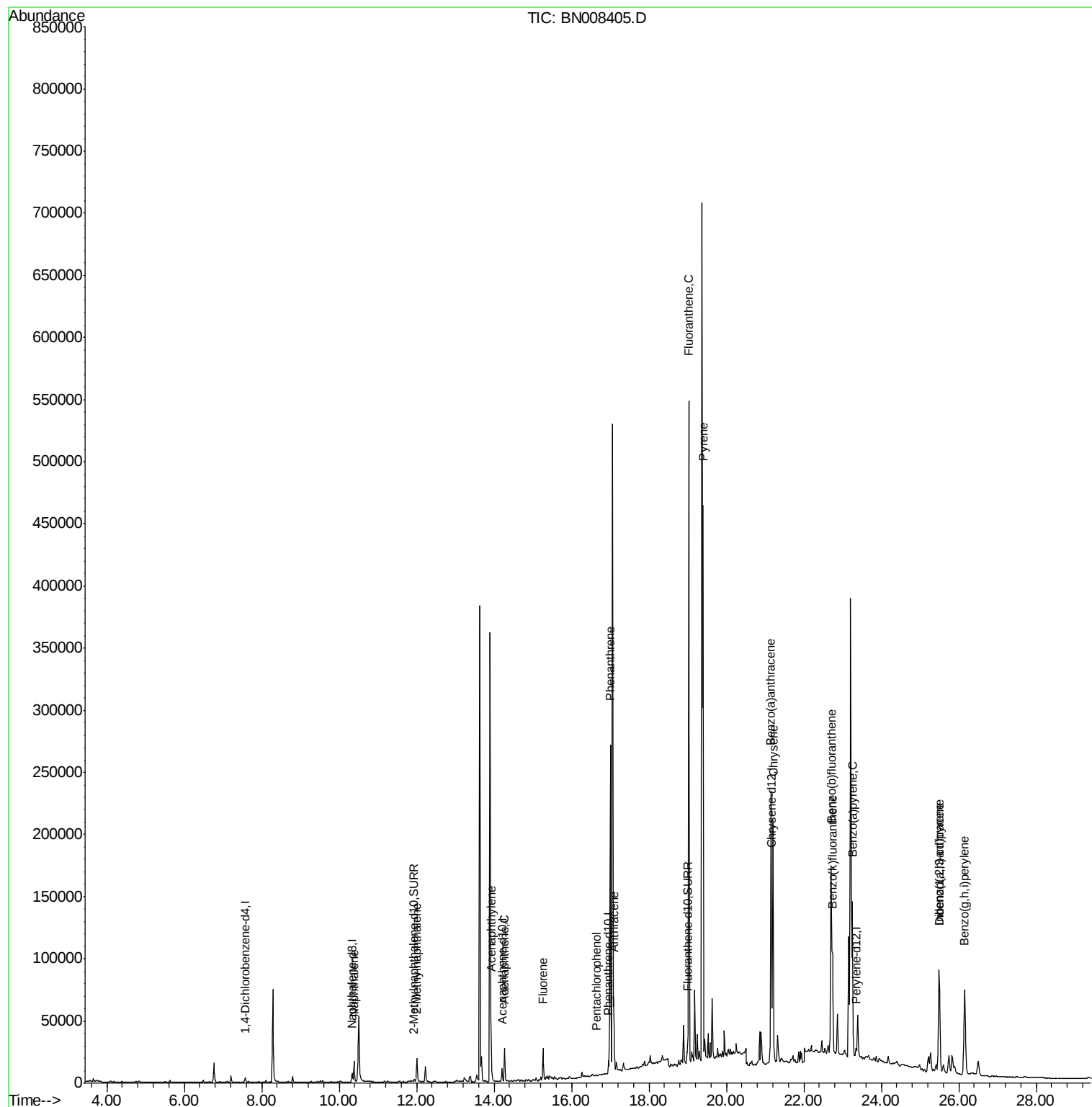
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008405.D
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ALS Vial : 28 Sample Multiplier: 1

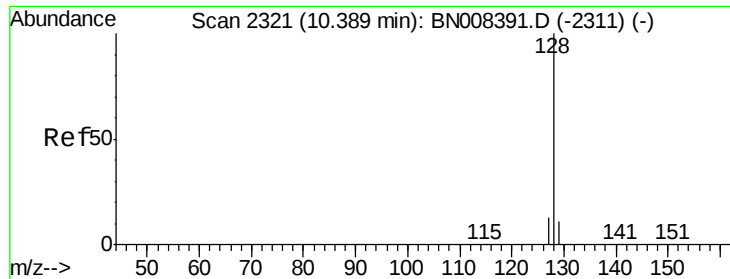
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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#3

Naphthalene

Concen: 0.934 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.02 min

Lab File: BN008405.D

Acq: 25 Oct 2019 01:34

Instrument :

BNA_N

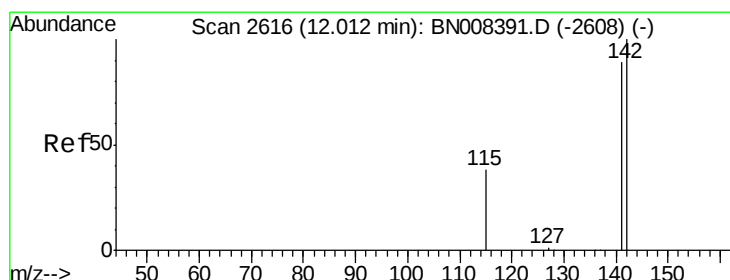
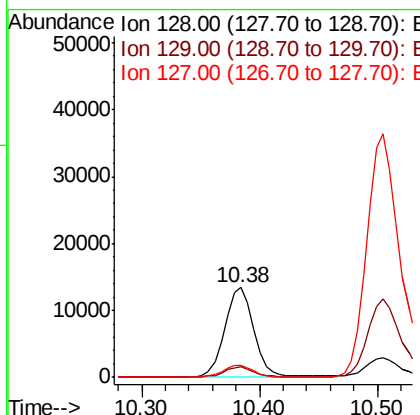
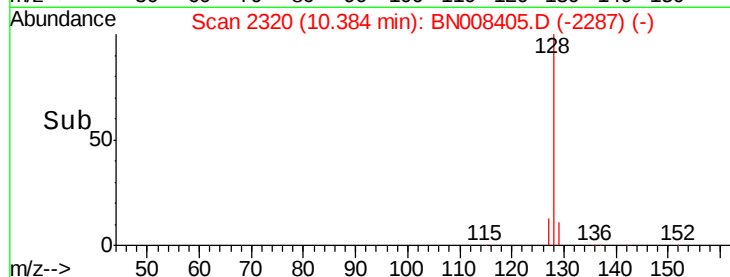
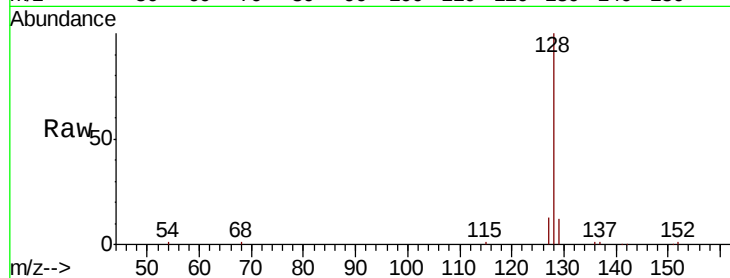
ClientSampleId :

BEPL3

Tot Ion:	128	Resp:	22881
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.8	14.8
127	13.3	11.1	16.7

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#5

2-Methylnaphthalene

Concen: 0.828 ng/ul

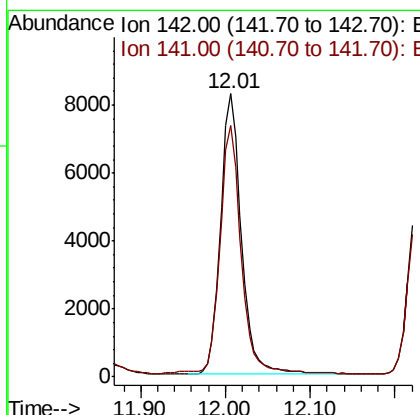
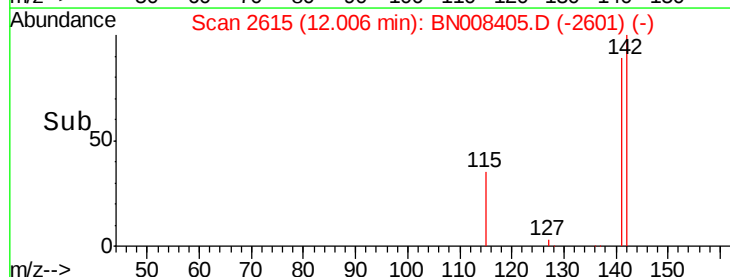
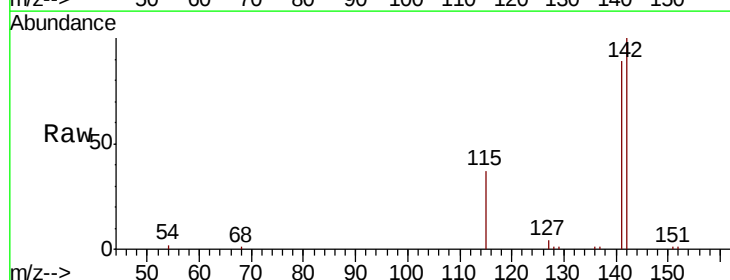
RT: 12.01 min Scan# 2615

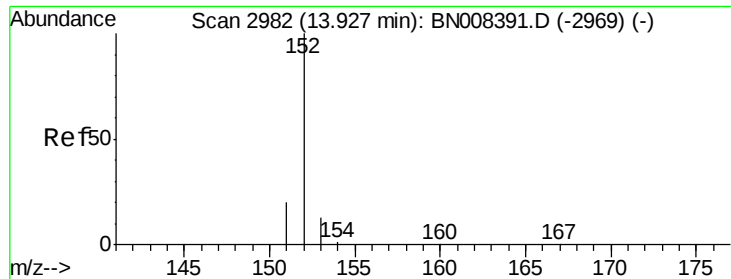
Delta R.T. -0.02 min

Lab File: BN008405.D

Acq: 25 Oct 2019 01:34

Tgt Ion:	142	Resp:	13911
Ion Ratio	Lower	Upper	
142	100		
141	88.9	71.4	107.2





#7

Acenaphthylene

Concen: 1.071 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.02 min

Lab File: BN008405.D

Acq: 25 Oct 2019 01:34

Instrument :

BNA_N

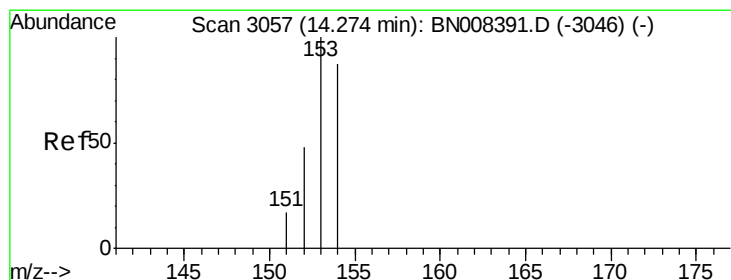
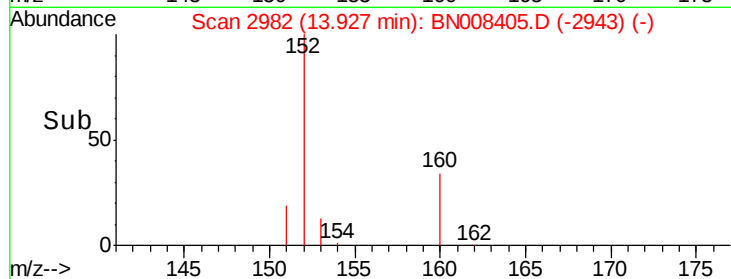
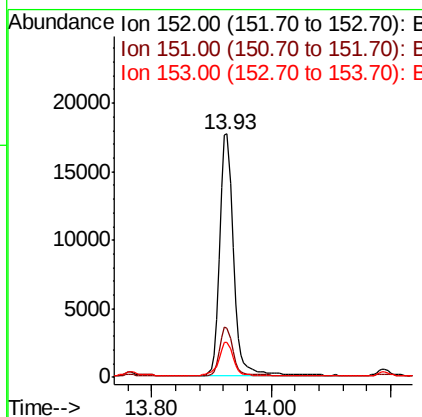
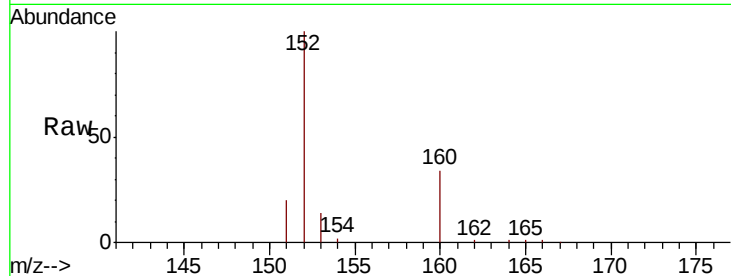
ClientSampleId :

BEPL3

Tot Ion:	152	Resp:	28960
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.2	24.4
153	14.2	11.0	16.4

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#8

Acenaphthene

Concen: 0.730 ng/ul

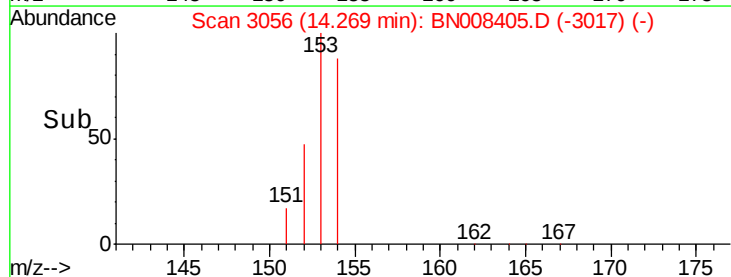
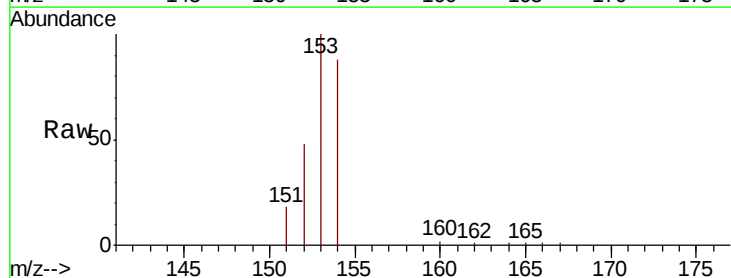
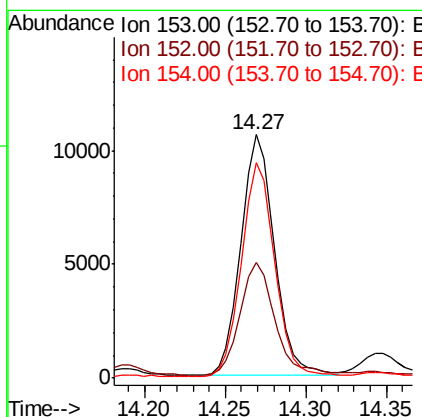
RT: 14.27 min Scan# 3056

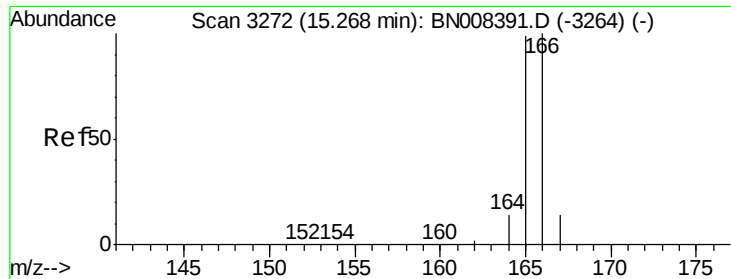
Delta R.T. -0.02 min

Lab File: BN008405.D

Acq: 25 Oct 2019 01:34

Tgt Ion:	153	Resp:	15355
Ion Ratio	Lower	Upper	
153	100		
152	47.7	38.2	57.2
154	88.2	71.8	107.8





#9

Fluorene

Concen: 0.666 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.02 min

Lab File: BN008405.D

Acq: 25 Oct 2019 01:34

Instrument :

BNA_N

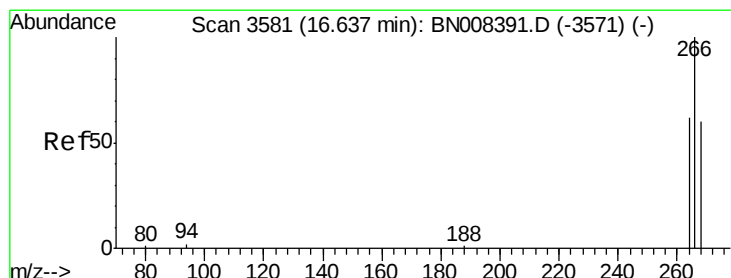
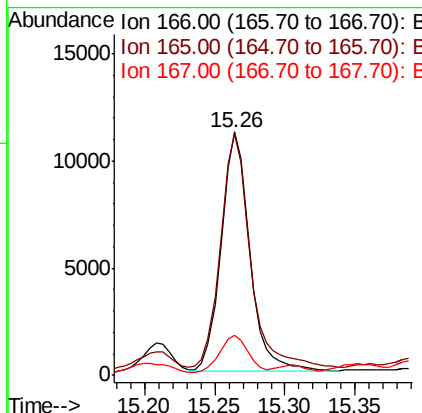
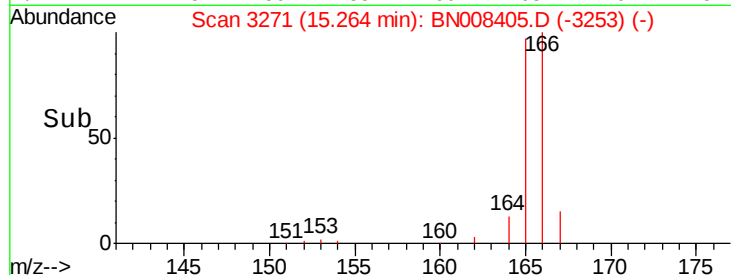
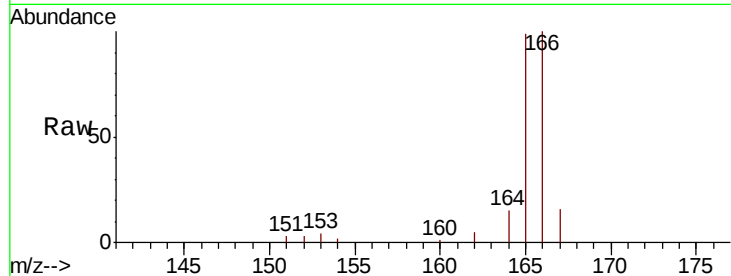
ClientSampleId :

BEPL3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		15897		
165	98.9	76.6	115.0		
167	16.4	11.7	17.5		

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#11

Pentachlorophenol

Concen: 0.061 ng/ul

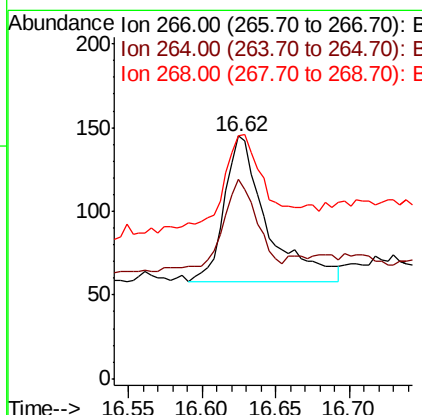
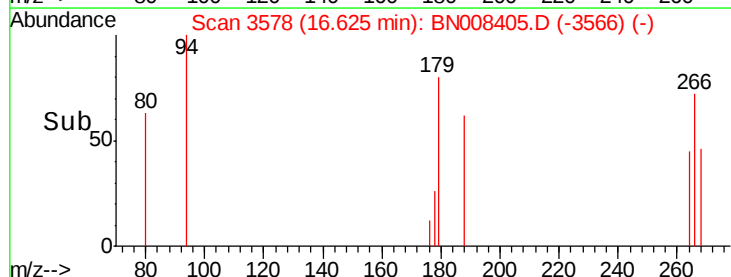
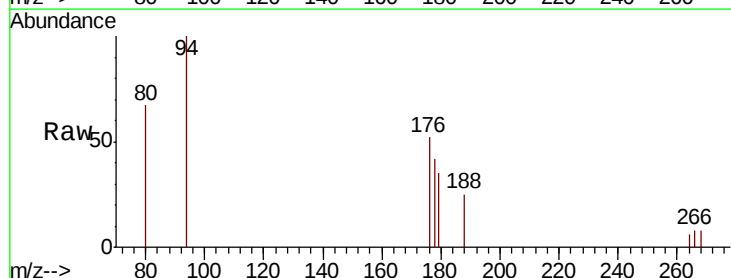
RT: 16.62 min Scan# 3578

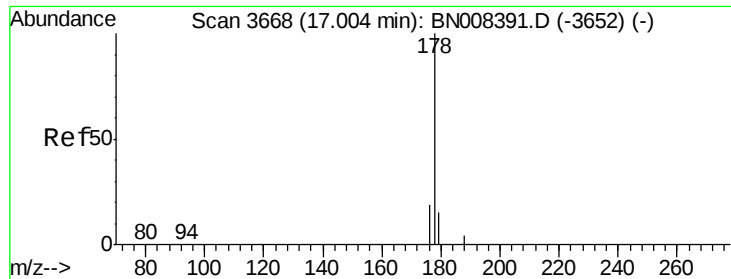
Delta R.T. -0.05 min

Lab File: BN008405.D

Acq: 25 Oct 2019 01:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
266	100		175		
264	52.0	50.1	75.1		
268	122.9	51.9	77.9		





#12

Phenanthrene

Concen: 7.817 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. -0.02 min

Lab File: BN008405.D

Acq: 25 Oct 2019 01:34

Instrument :

BNA_N

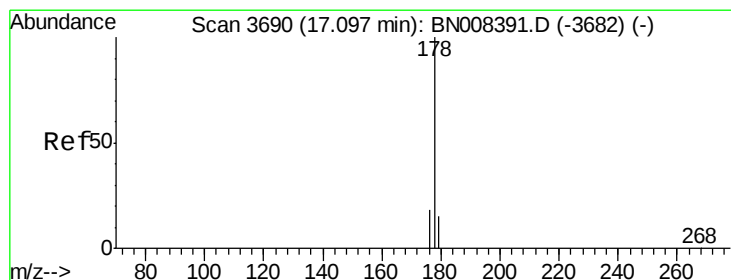
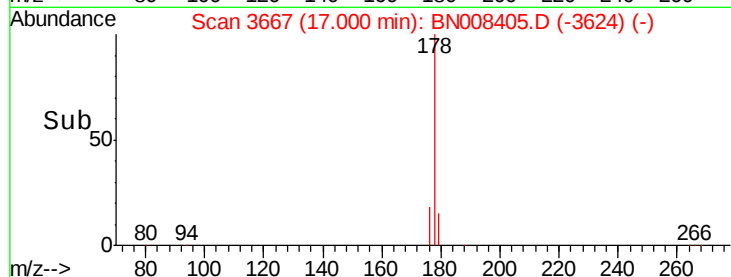
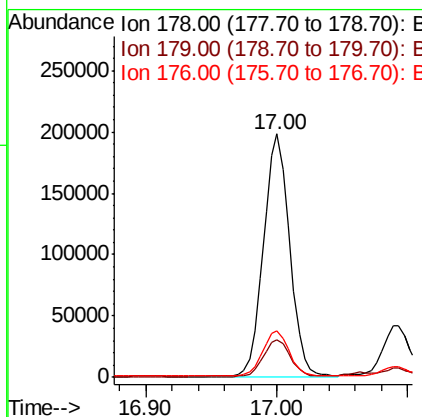
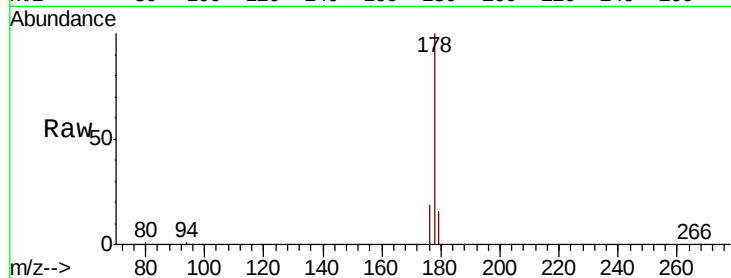
ClientSampleId :

BEPL3

Tot Ion:	178	Resp:	271523
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.8	19.2
176	18.9	15.4	23.2

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#13

Anthracene

Concen: 1.864 ng/ul

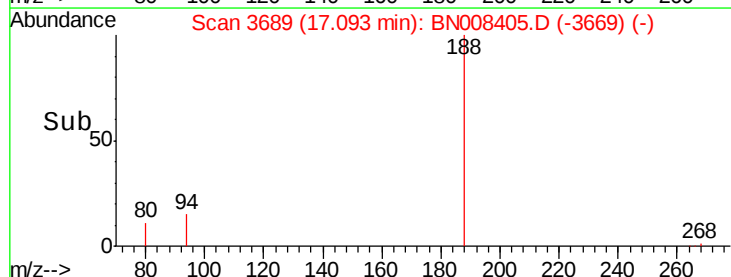
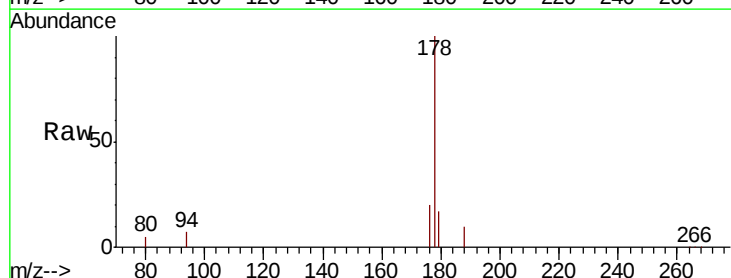
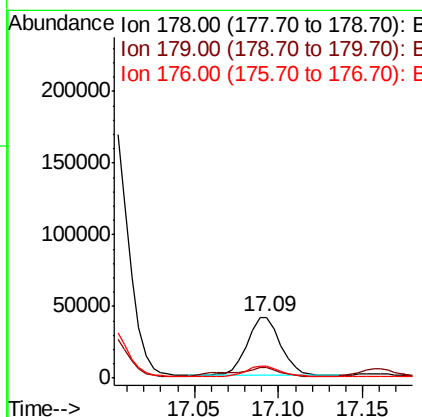
RT: 17.09 min Scan# 3689

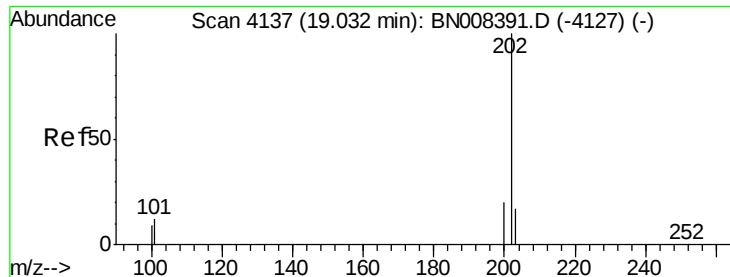
Delta R.T. -0.02 min

Lab File: BN008405.D

Acq: 25 Oct 2019 01:34

Tgt Ion:	178	Resp:	56964
Ion Ratio	Lower	Upper	
178	100		
179	17.1	13.0	19.6
176	20.3	15.0	22.6





#15

Fluoranthene

Concen: 9.658 ng/ul

RT: 19.03 min Scan# 4136

Delta R.T. -0.01 min

Lab File: BN008405.D

Acq: 25 Oct 2019 01:34

Instrument :

BNA_N

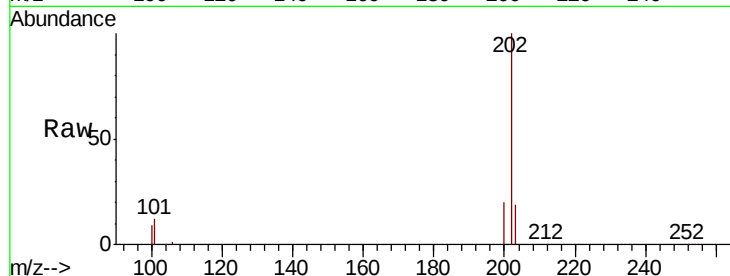
ClientSampleId :

BEPL3

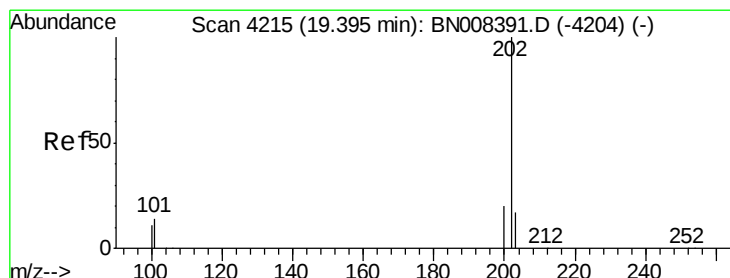
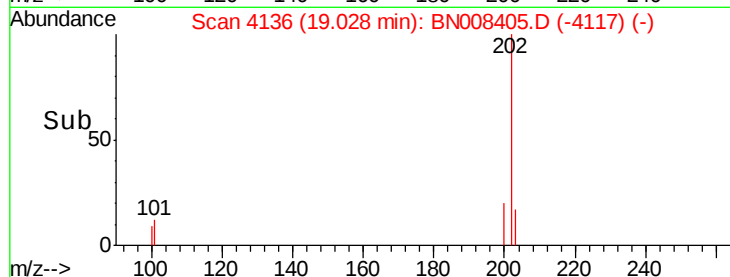
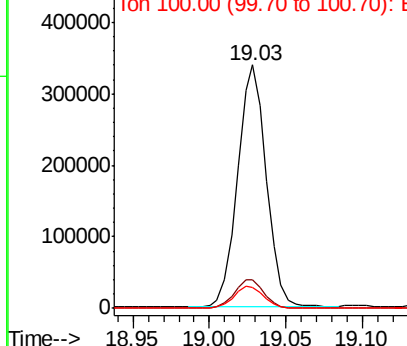
Tot Ion:	202	Resp:	443056
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	31.2
100	8.8	0.0	28.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 9.229 ng/ul

RT: 19.40 min Scan# 4215

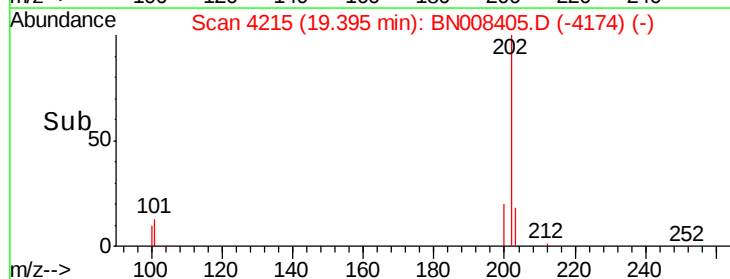
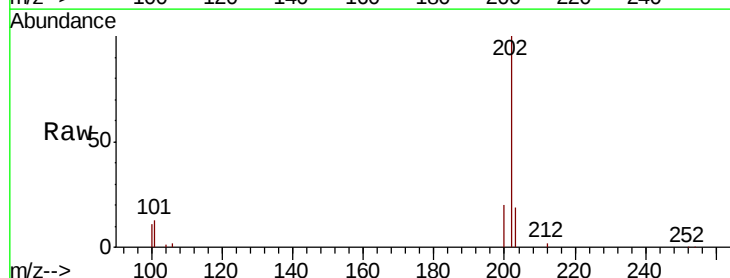
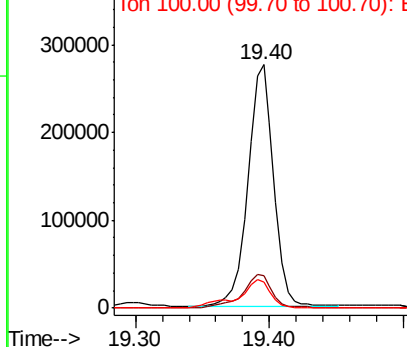
Delta R.T. -0.01 min

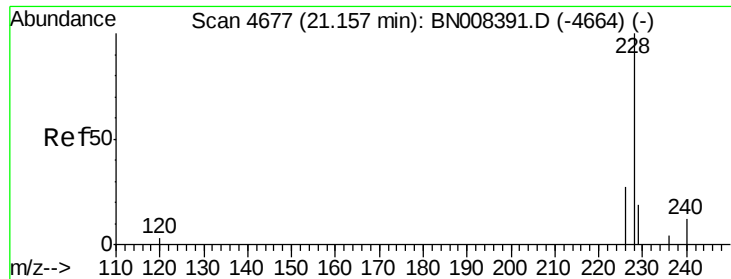
Lab File: BN008405.D

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Tgt Ion:	202	Resp:	365720
Ion Ratio	Lower	Upper	
202	100		
101	13.1	10.9	16.3
100	10.6	8.7	13.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





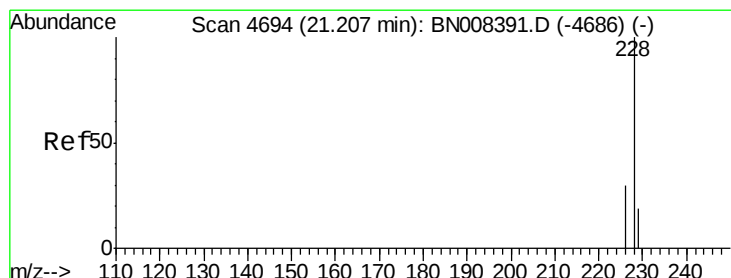
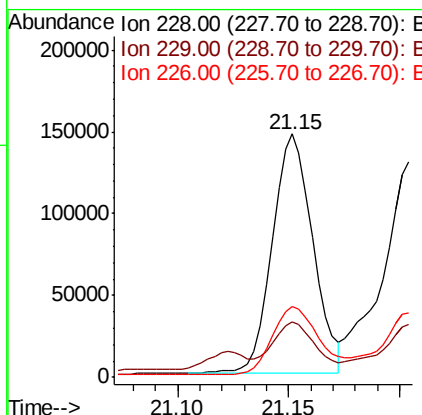
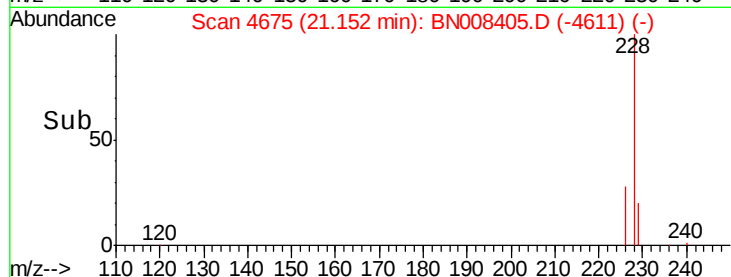
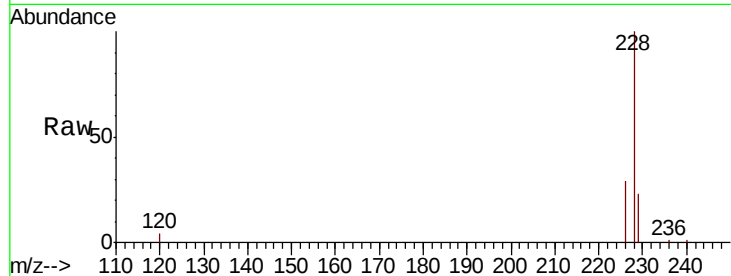
#18
Benzo(a)anthracene
Concen: 5.108 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.01 min
Lab File: BN008405.D
Acq: 25 Oct 2019 01:34

Instrument :
BNA_N
ClientSampleId :
BEPL3

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.9	16.2	24.2
226	29.2	21.4	32.0

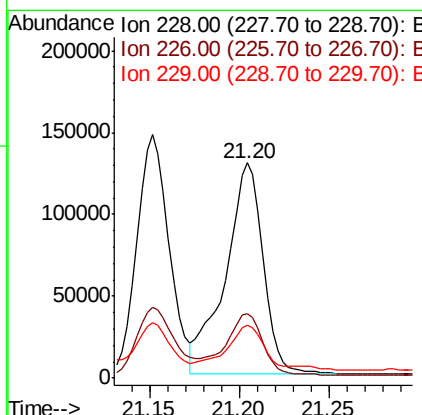
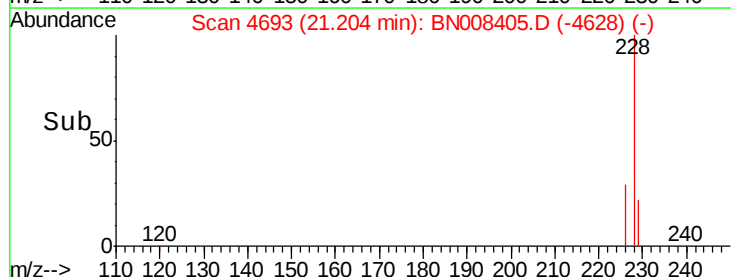
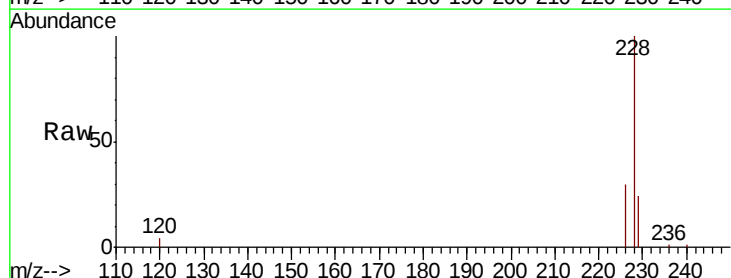
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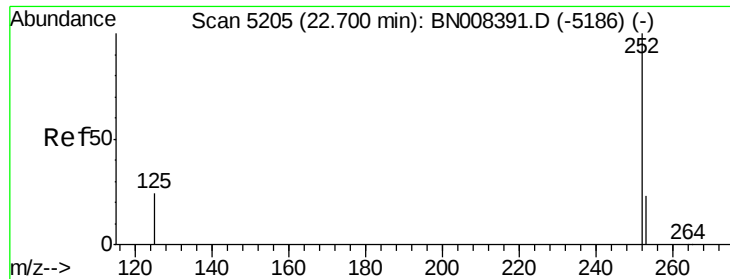
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#19
Chrysene
Concen: 4.259 ng/ul m
RT: 21.20 min Scan# 4693
Delta R.T. -0.01 min
Lab File: BN008405.D
Acq: 25 Oct 2019 01:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	24.4	16.2	24.2





#21

Benzo(b)fluoranthene

Concen: 8.794 ng/ul m

RT: 22.70 min Scan# 5205

Delta R.T. -0.01 min

Lab File: BN008405.D

Acq: 25 Oct 2019 01:34

Instrument :

BNA_N

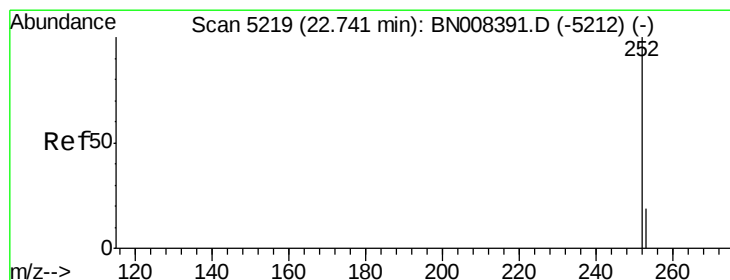
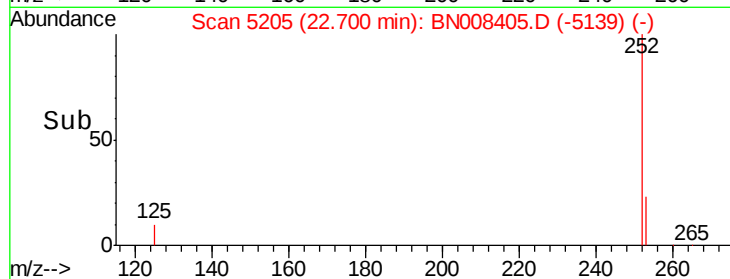
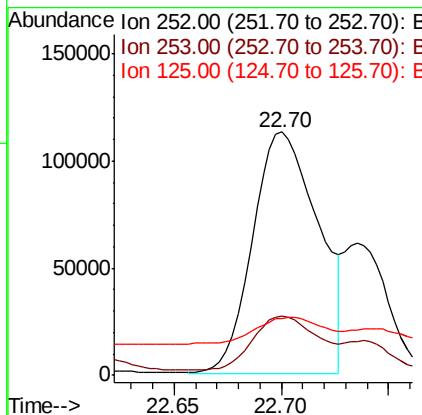
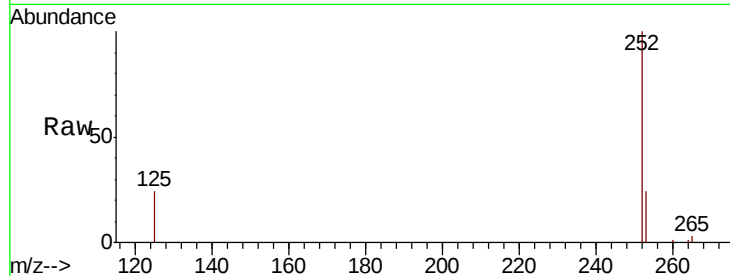
ClientSampleId :

BEPL3

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.3	0.0	53.4
125	23.5	0.0	32.4

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#22

Benzo(k)fluoranthene

Concen: 2.661 ng/ul m

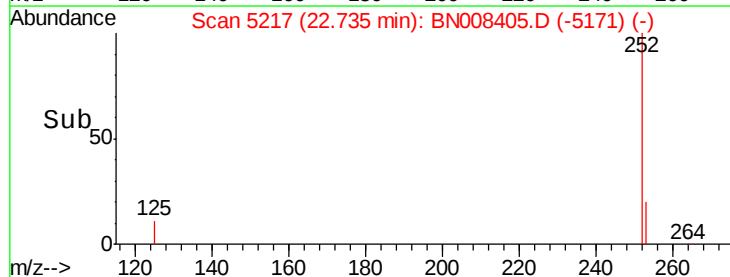
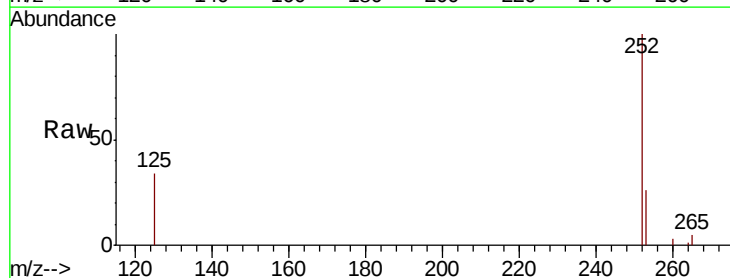
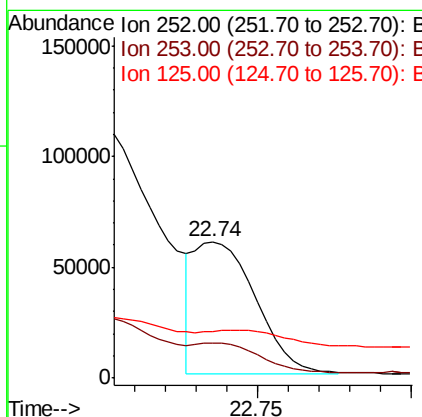
RT: 22.74 min Scan# 5217

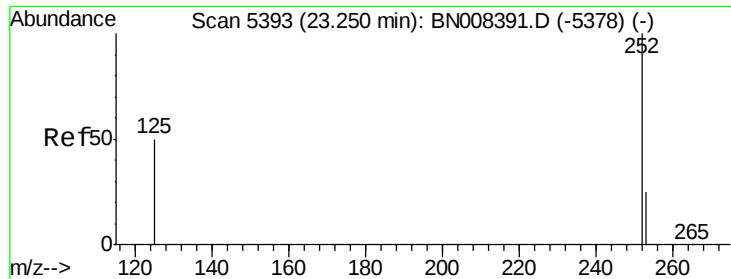
Delta R.T. -0.02 min

Lab File: BN008405.D

Acq: 25 Oct 2019 01:34

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	26.0	21.3	31.9
125	34.2	12.3	18.5#





#23

Benzo(a)pyrene

Concen: 5.382 ng/ul

RT: 23.25 min Scan# 5393

Delta R.T. -0.01 min

Lab File: BN008405.D

Acq: 25 Oct 2019 01:34

Instrument :

BNA_N

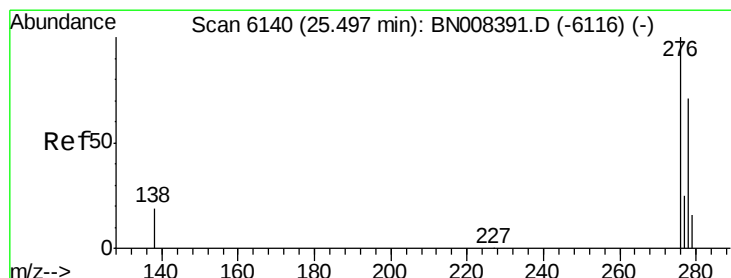
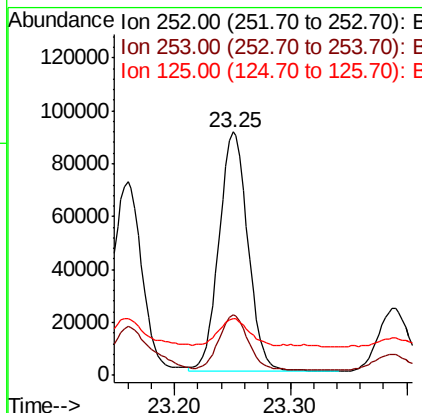
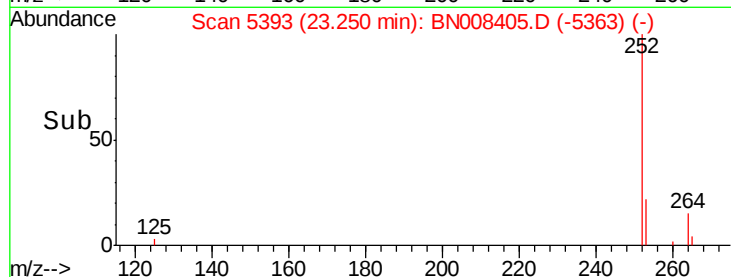
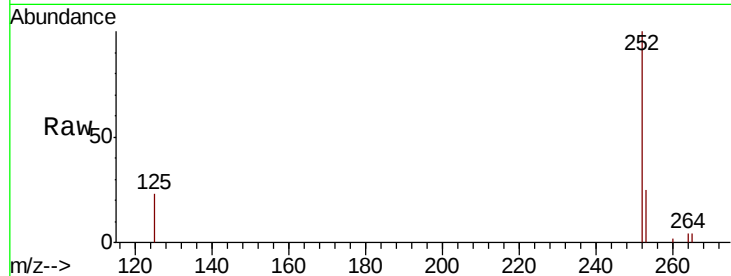
ClientSampleId :

BEPL3

Tot Ion:	252	Resp:	155931
Ion Ratio	Lower	Upper	
252	100		
253	24.6	22.8	34.2
125	23.2	18.4	27.6

Manual Integrations
APPROVED

mohammad
10/25/2019 8:06:33 AM



#24

Indeno(1,2,3-cd)pyrene

Concen: 3.670 ng/ul

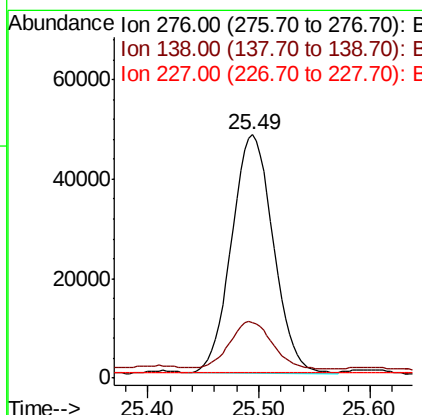
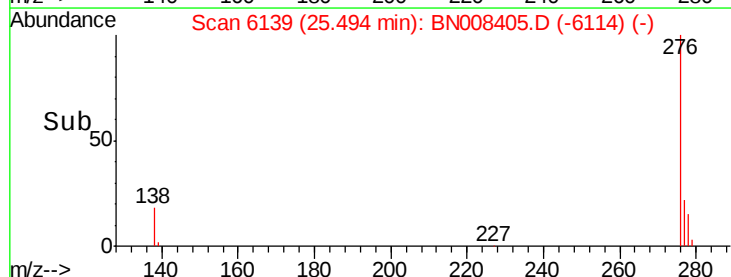
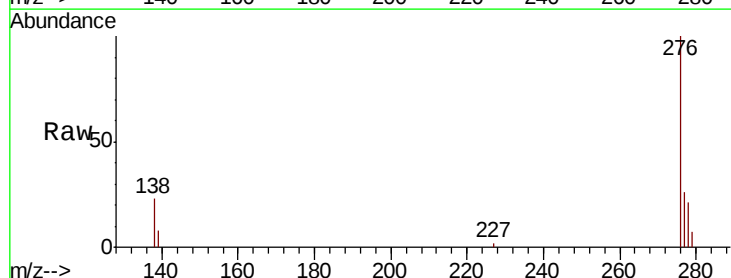
RT: 25.49 min Scan# 6139

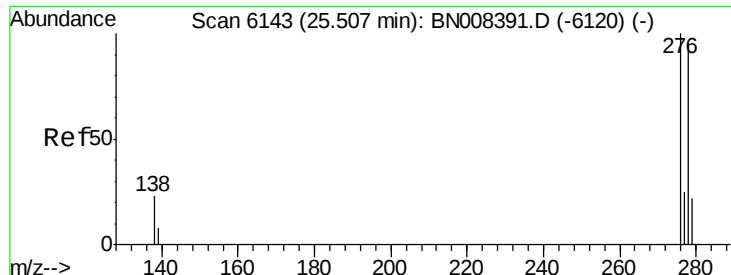
Delta R.T. -0.02 min

Lab File: BN008405.D

Acq: 25 Oct 2019 01:34

Tgt Ion:	276	Resp:	125227
Ion Ratio	Lower	Upper	
276	100		
138	20.1	16.1	24.1
227	0.3	0.2	0.2#





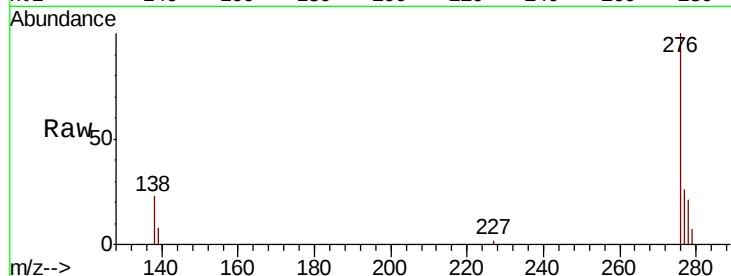
#25
Dibenzo(a,h)anthracene
Concen: 1.092 ng/ul
RT: 25.49 min Scan# 6139
Delta R.T. -0.03 min
Lab File: BN008405.D
Acq: 25 Oct 2019 01:34

Instrument :
BNA_N
ClientSampleId :
BEPL3

Tot Ion	Ratio	Lower	Upper
278	100		
139	37.4	15.0	22.6#
279	32.9	22.4	33.6

Manual Integrations
APPROVED

mohammad
10/25/2019 8:06:33 AM

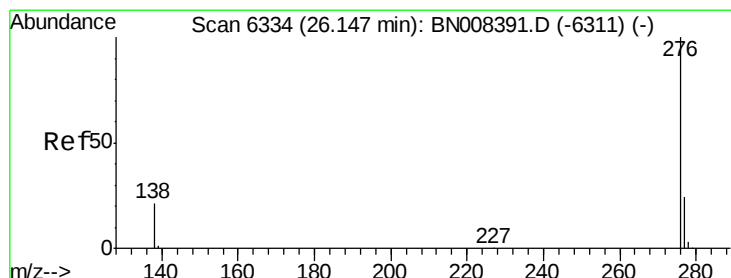
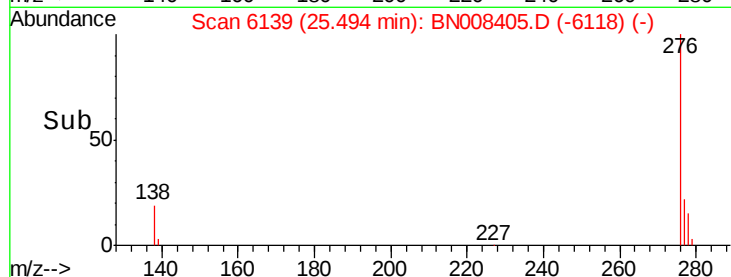
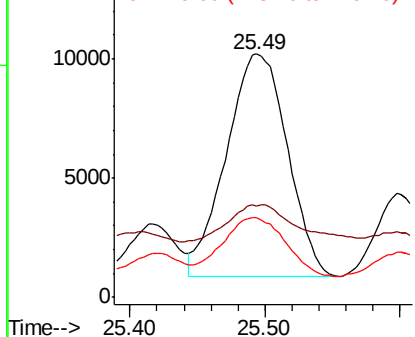


Abundance

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(g,h,i)perylene
Concen: 4.237 ng/ul
RT: 26.15 min Scan# 6335
Delta R.T. -0.02 min
Lab File: BN008405.D
Acq: 25 Oct 2019 01:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	17.0	25.4
277	24.8	20.4	30.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

