

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008419.D
 Acq On : 25 Oct 2019 09:53
 Operator : JU
 Sample : K5236-12
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPM2

Manual Integrations
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mohammad
 10/25/2019 9:28:46 PM

Quant Time: Oct 25 12:13:52 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	2076	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	10235	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	7304	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	17920	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	13035	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	10714	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	2853	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	7851	0.13	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.38	128	12780	0.439	ng/ul	99
5) 2-Methylnaphthalene	12.01	142	11073	0.554	ng/ul	100
7) Acenaphthylene	13.92	152	68900	1.980	ng/ul	99
8) Acenaphthene	14.27	153	21260	0.786	ng/ul	99
9) Fluorene	15.26	166	50683	1.650	ng/ul	98
12) Phenanthrene	17.00	178	853853	16.275	ng/ul	99
13) Anthracene	17.09	178	155158	3.361	ng/ul	99
15) Fluoranthene	19.03	202	1492163	21.534	ng/ul	97
17) Pyrene	19.40	202	1151470	22.186	ng/ul	100
18) Benzo(a)anthracene	21.15	228	606201	12.791	ng/ul	98
19) Chrysene	21.20	228	584236	10.046	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	663209m	19.015	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	220367m	5.578	ng/ul	
23) Benzo(a)pyrene	23.25	252	426358	11.617	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.49	276	263693	6.100	ng/ul	100
25) Dibenzo(a,h)anthracene	25.49	278	69153	2.024	ng/ul	99
26) Benzo(a,h,i)perylene	26.15	276	237437	5.990	ng/ul	98

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

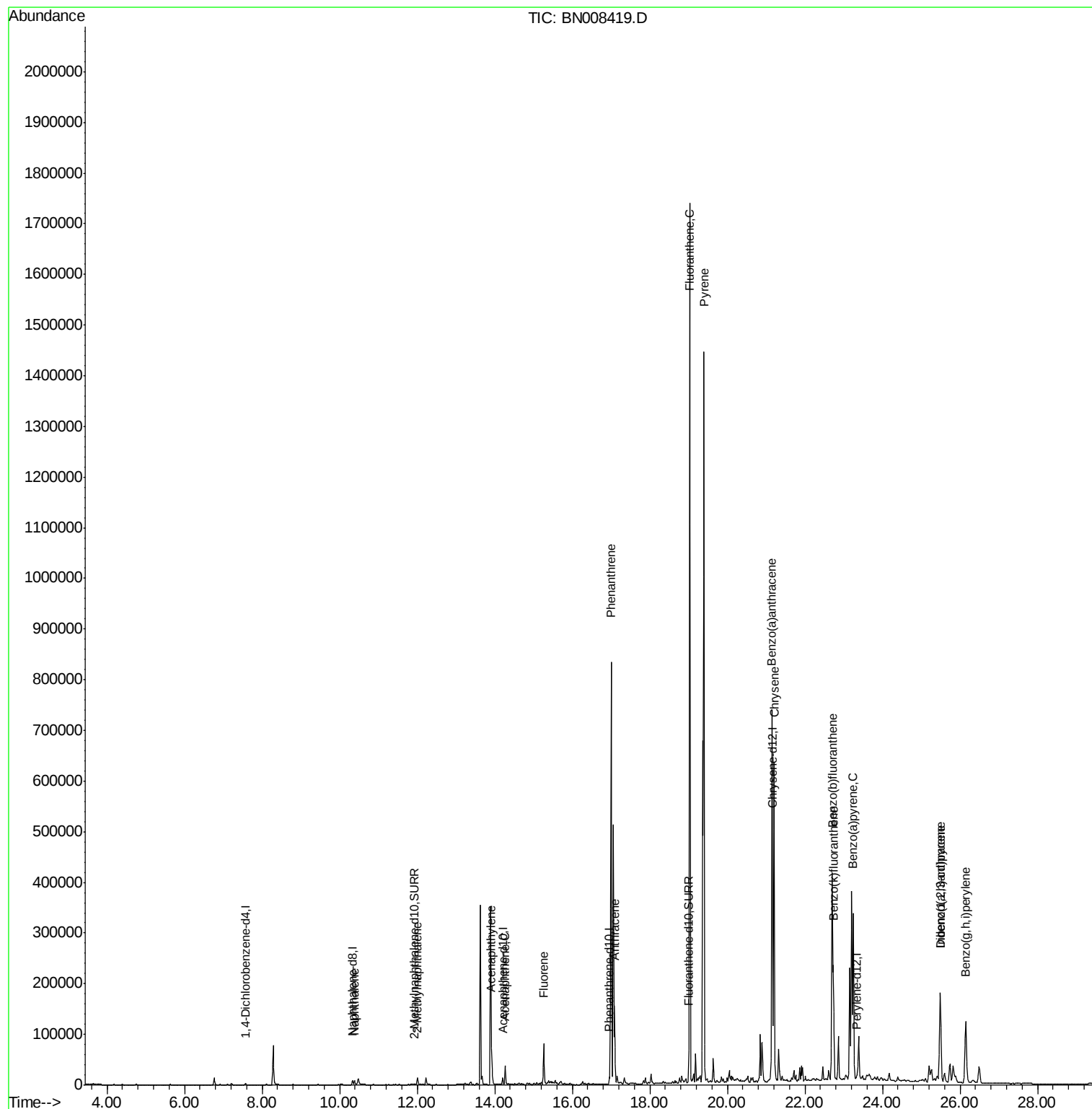
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
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ALS Vial : 41 Sample Multiplier: 1

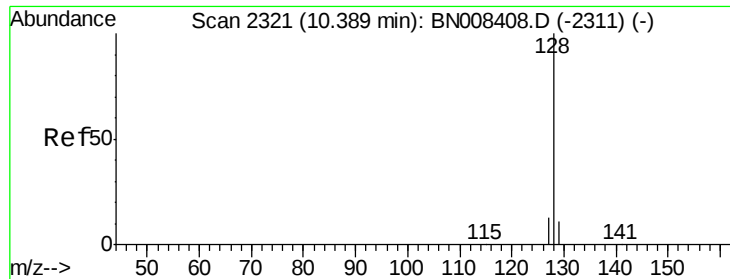
Instrument :
BNA_N
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BEPM2

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Fri Oct 25 00:45:13 2019
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#3

Naphthalene

Concen: 0.439 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BN008419.D

Acq: 25 Oct 2019 09:53

Instrument :

BNA_N

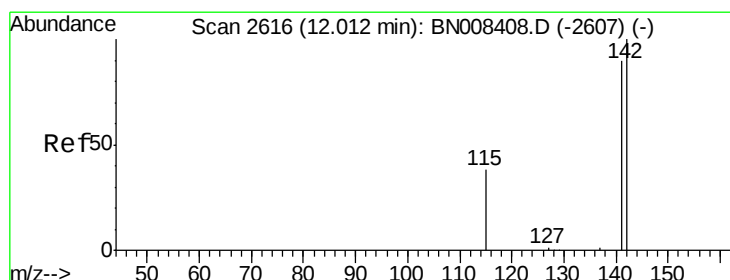
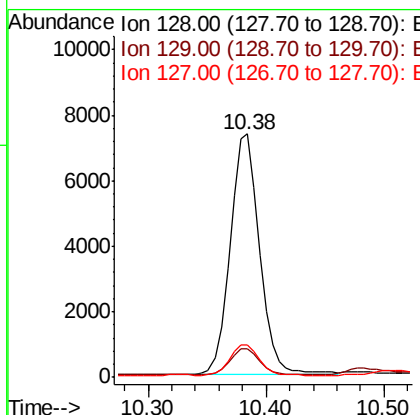
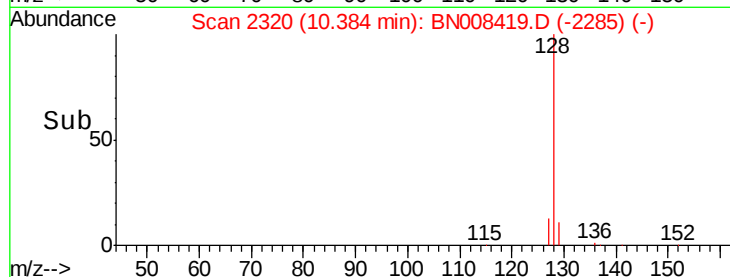
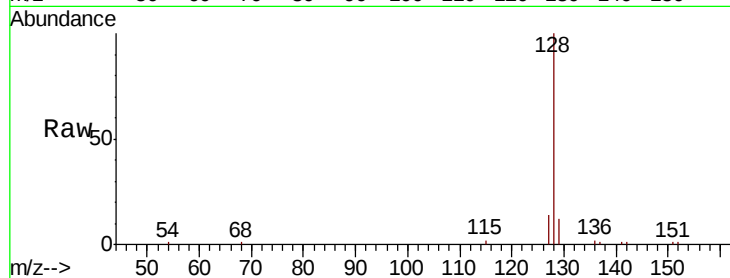
ClientSampleId :

BEPM2

Tot Ion:	128	Resp:	12780
Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.8
127	13.6	11.1	16.7

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#5

2-Methylnaphthalene

Concen: 0.554 ng/ul

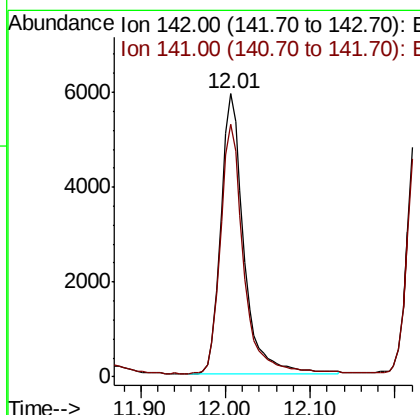
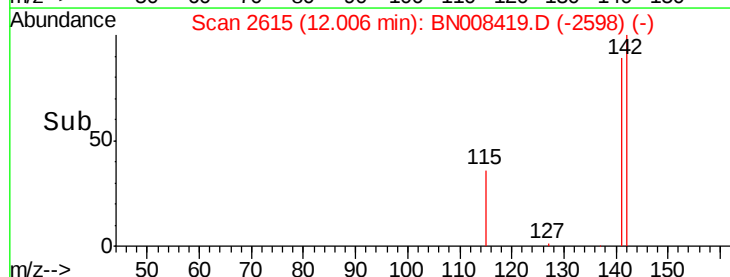
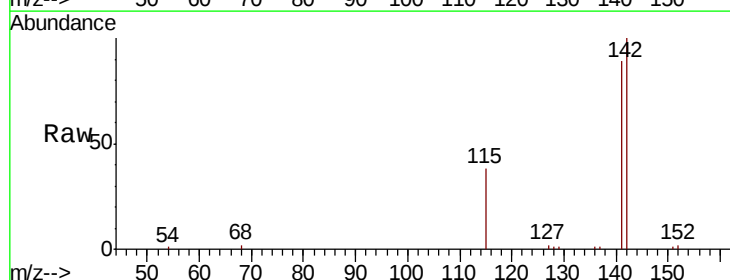
RT: 12.01 min Scan# 2615

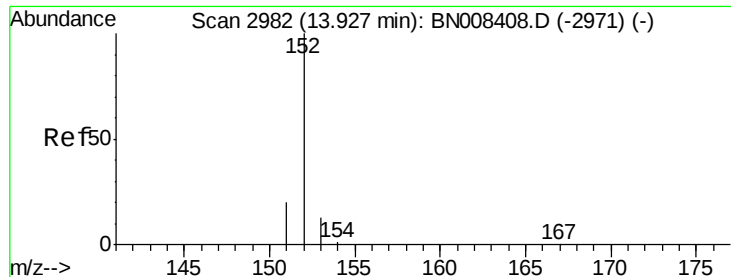
Delta R.T. -0.01 min

Lab File: BN008419.D

Acq: 25 Oct 2019 09:53

Tgt Ion:	142	Resp:	11073
Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.2





#7

Acenaphthylene

Concen: 1.980 ng/ul

RT: 13.92 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BN008419.D

Acq: 25 Oct 2019 09:53

Instrument :

BNA_N

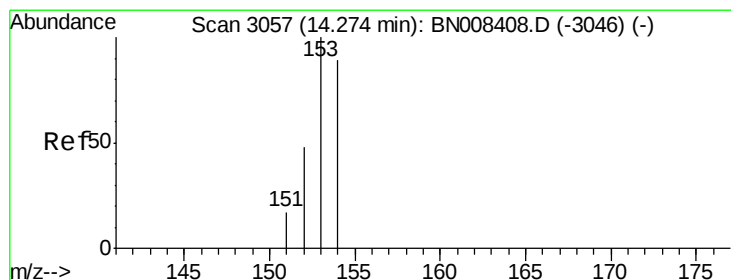
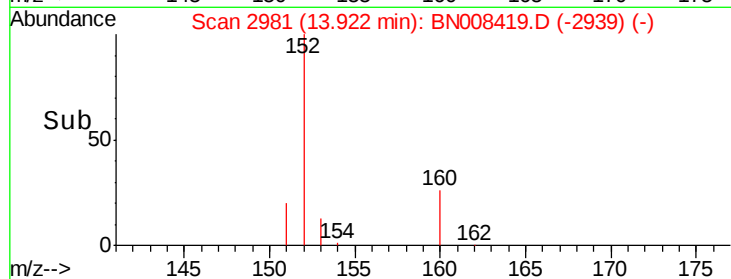
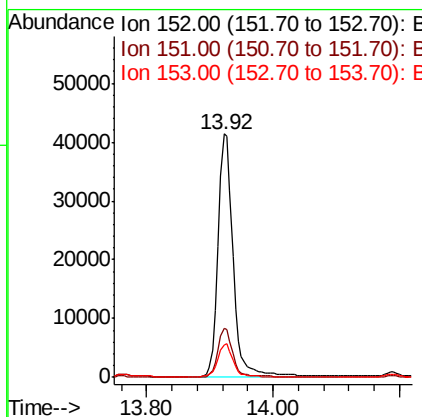
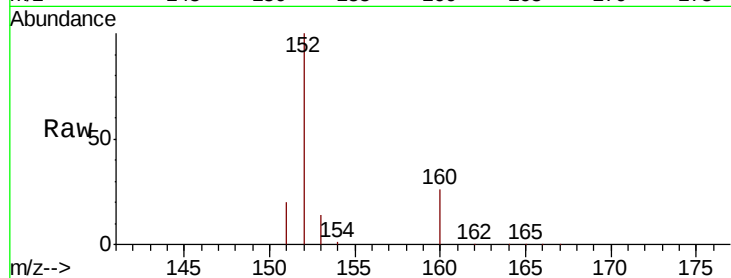
ClientSampleId :

BEPM2

Tot Ion:	152	Resp:	68900
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.2	24.4
153	13.5	11.0	16.4

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#8

Acenaphthene

Concen: 0.786 ng/ul

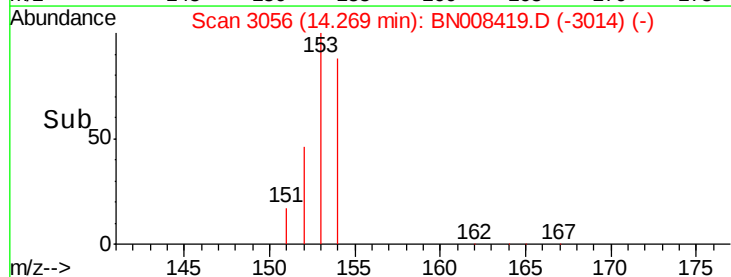
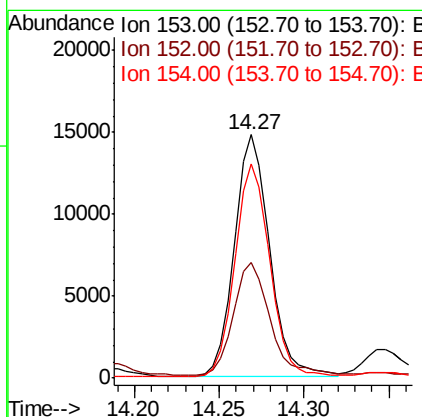
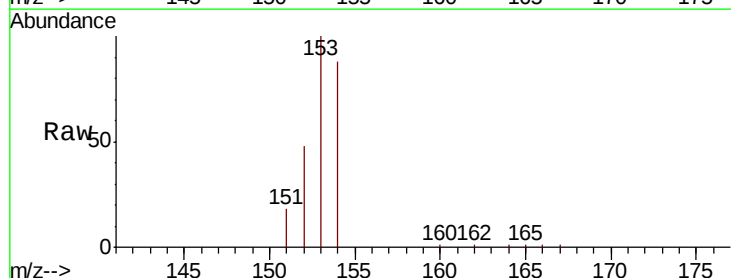
RT: 14.27 min Scan# 3056

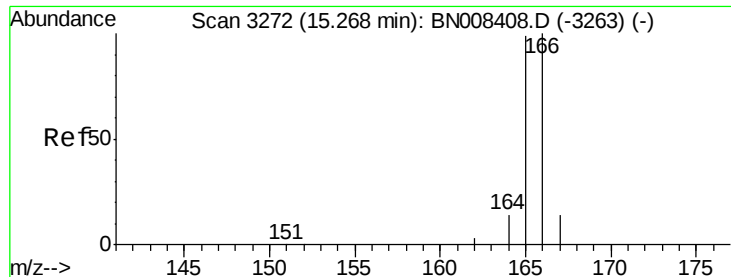
Delta R.T. -0.00 min

Lab File: BN008419.D

Acq: 25 Oct 2019 09:53

Tgt Ion:	153	Resp:	21260
Ion Ratio	Lower	Upper	
153	100		
152	47.6	38.2	57.2
154	87.9	71.8	107.8





#9

Fluorene

Concen: 1.650 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.00 min

Lab File: BN008419.D

Acq: 25 Oct 2019 09:53

Instrument :

BNA_N

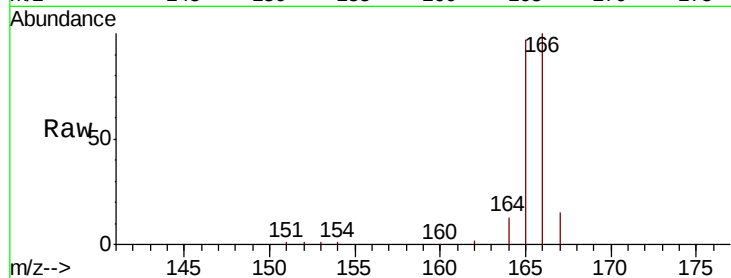
ClientSampleId :

BEPM2

Tot Ion:	166	Resp:	50683
Ion	Ratio	Lower	Upper
166	100		
165	97.4	76.6	115.0
167	15.0	11.7	17.5

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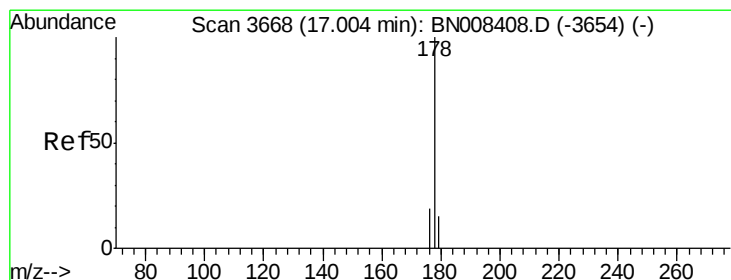
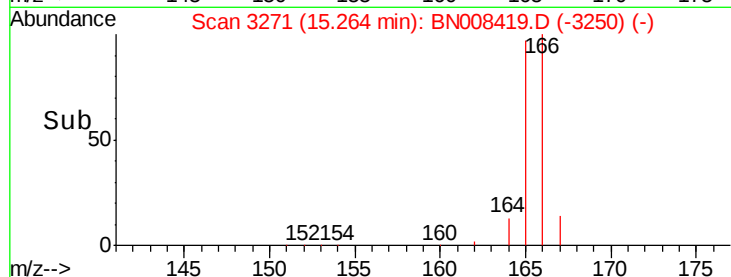
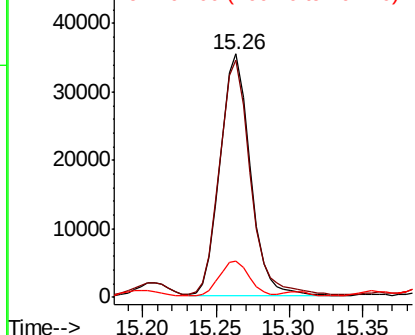


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 16.275 ng/ul

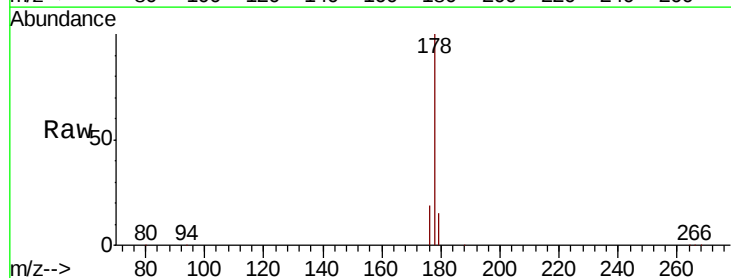
RT: 17.00 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BN008419.D

Acq: 25 Oct 2019 09:53

Tgt Ion:	178	Resp:	853853
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.6	15.4	23.2

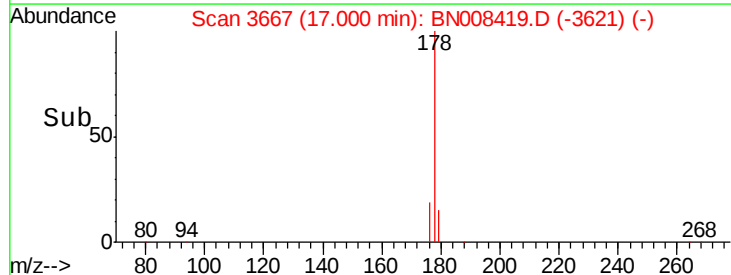
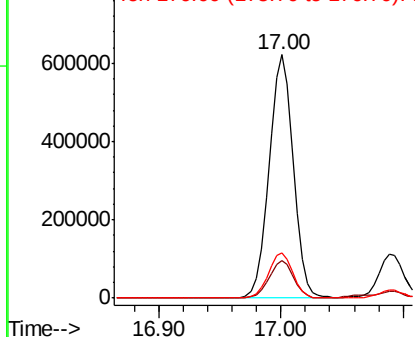


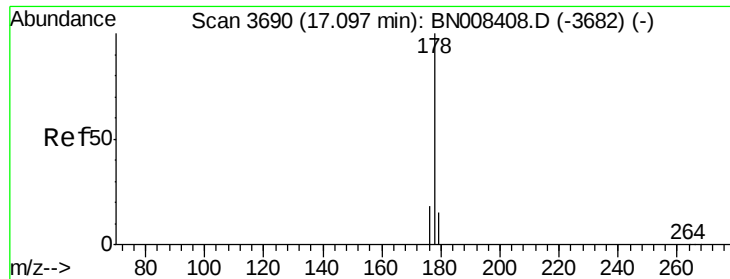
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 3.361 ng/ul

RT: 17.09 min Scan# 3688

Delta R.T. -0.01 min

Lab File: BN008419.D

Acq: 25 Oct 2019 09:53

Instrument :

BNA_N

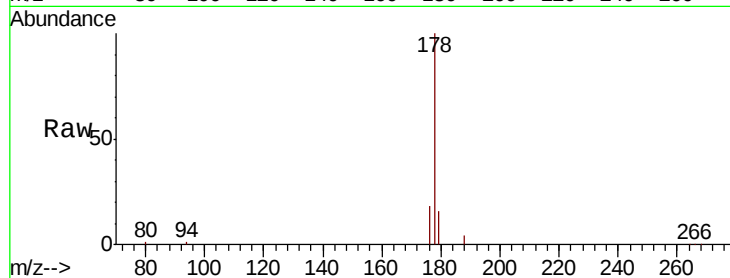
ClientSampled :

BEPM2

Tot Ion:	178	Resp:	155158
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.0	19.6
176	18.4	15.0	22.6

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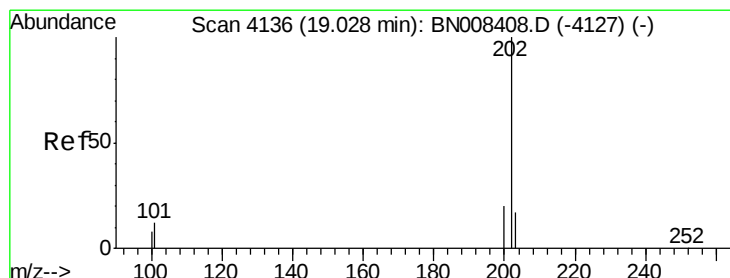
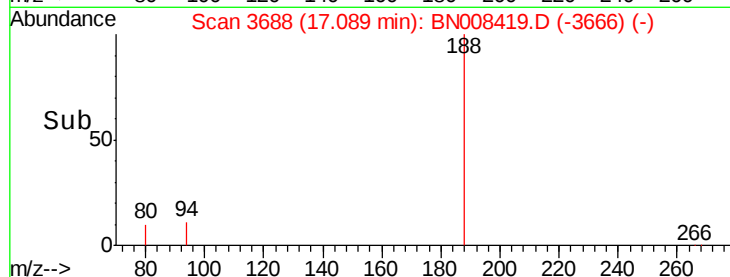
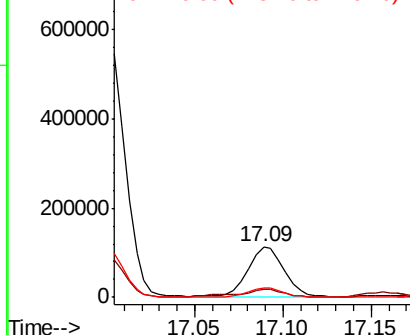


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 21.534 ng/ul

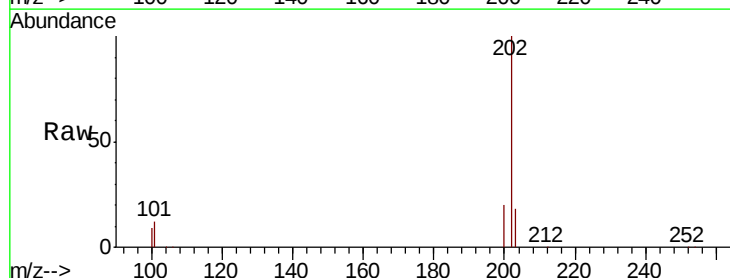
RT: 19.03 min Scan# 4136

Delta R.T. -0.00 min

Lab File: BN008419.D

Acq: 25 Oct 2019 09:53

Tgt Ion:	202	Resp:	1492163
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	31.2
100	9.4	0.0	28.5

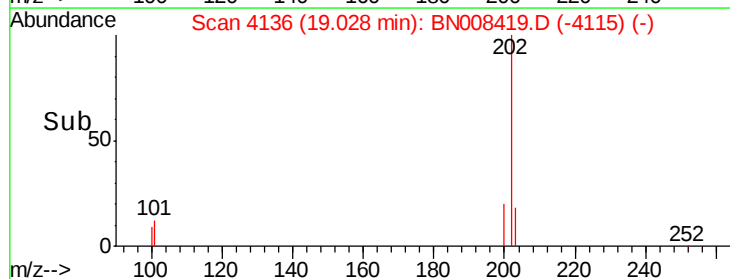
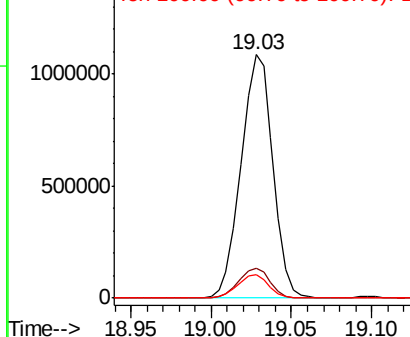


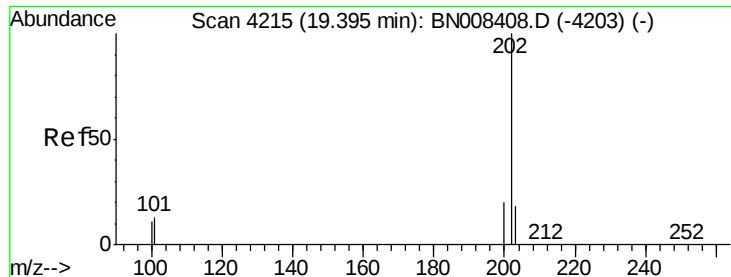
Abundance

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





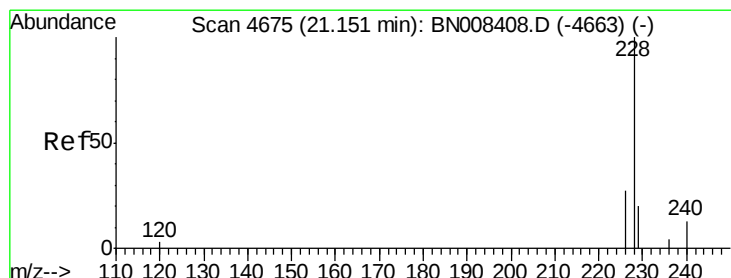
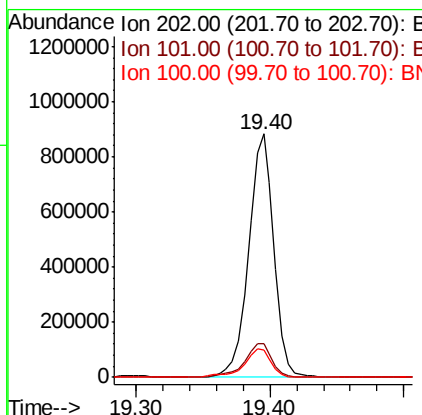
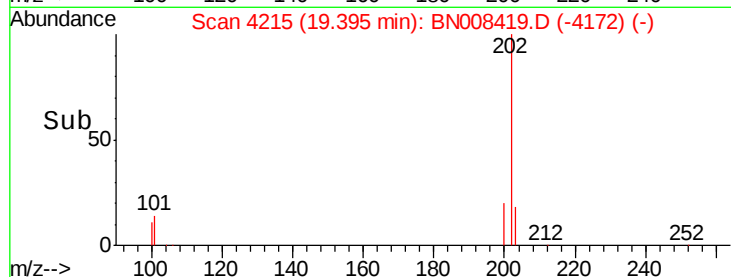
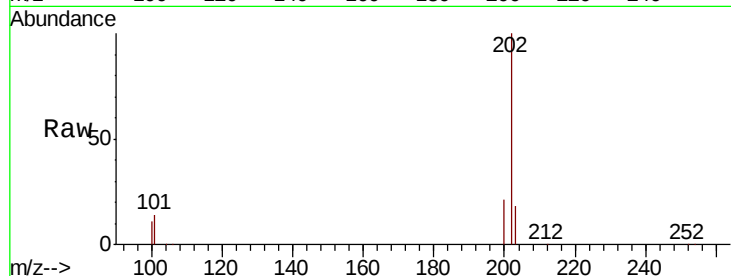
#17
Pvrene
Concen: 22.186 ng/ul
RT: 19.40 min Scan# 4215
Delta R.T. 0.00 min
Lab File: BN008419.D
Acq: 25 Oct 2019 09:53

Instrument :
BNA_N
ClientSampleId :
BEPM2

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.9	16.3
100	11.1	8.7	13.1

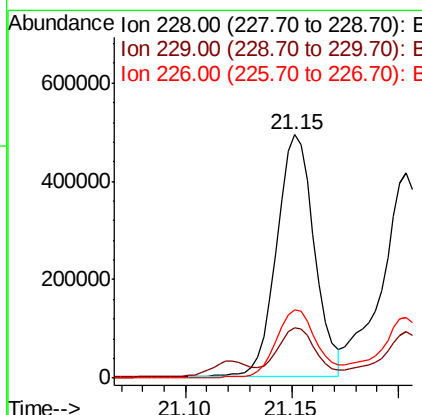
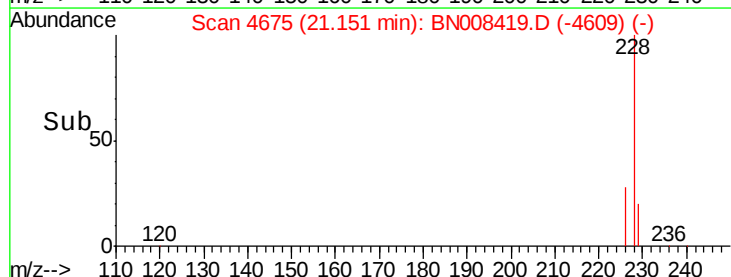
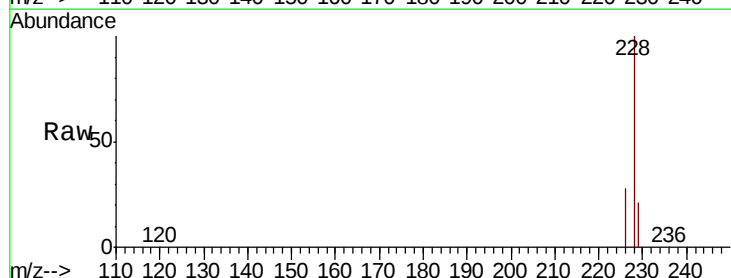
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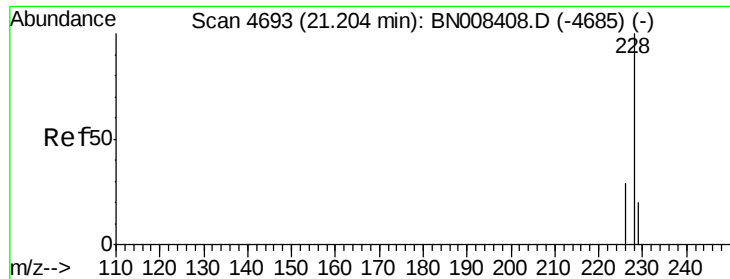
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#18
Benzo(a)anthracene
Concen: 12.791 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.01 min
Lab File: BN008419.D
Acq: 25 Oct 2019 09:53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.2	24.2
226	28.0	21.4	32.0





#19

Chrysene

Concen: 10.046 ng/ul

RT: 21.20 min Scan# 4693

Delta R.T. -0.00 min

Lab File: BN008419.D

Acq: 25 Oct 2019 09:53

Instrument :

BNA_N

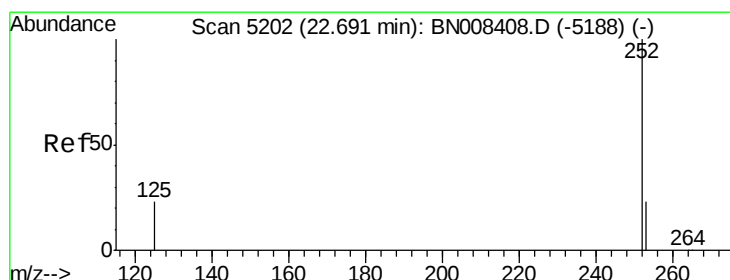
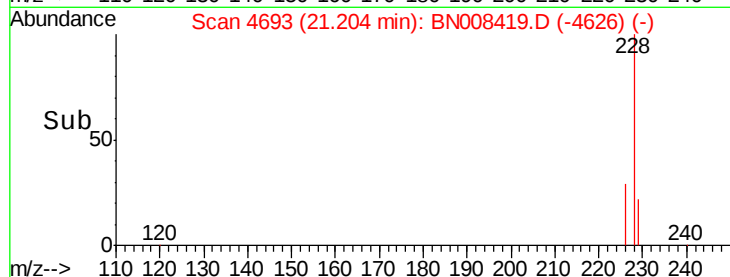
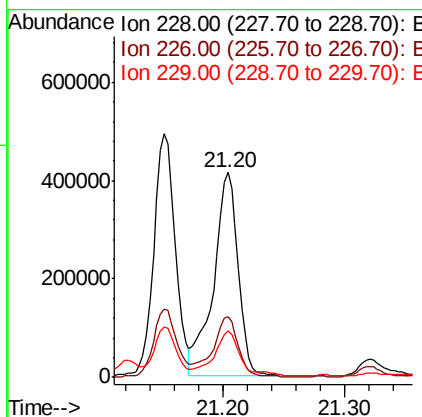
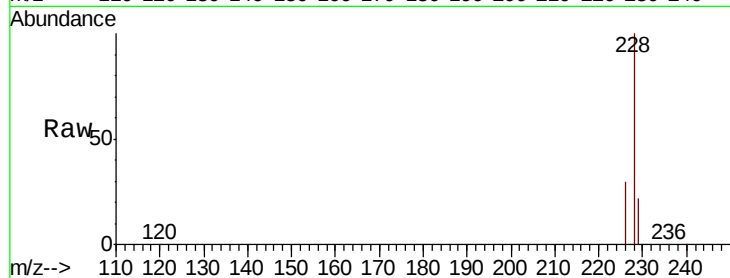
ClientSampled :

BEPM2

Tot Ion:	228	Resp:	584236
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.1	36.1
229	22.5	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 19.015 ng/ul m

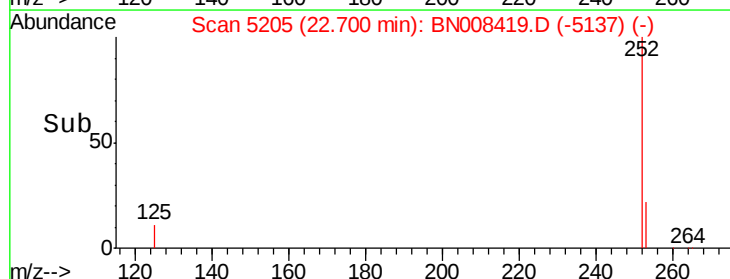
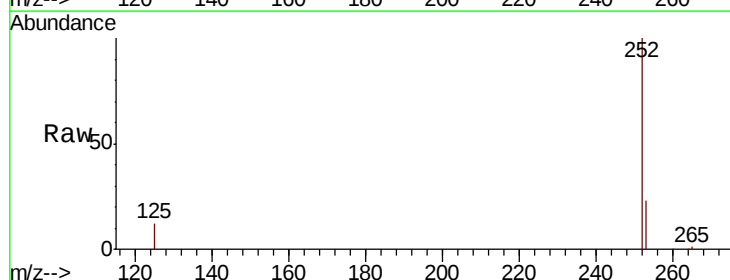
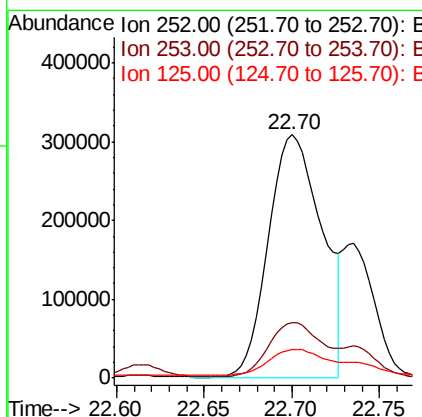
RT: 22.70 min Scan# 5205

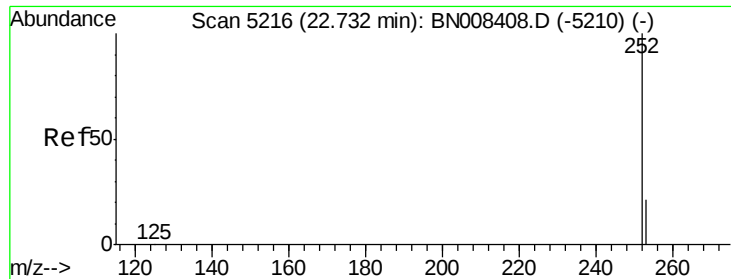
Delta R.T. 0.00 min

Lab File: BN008419.D

Acq: 25 Oct 2019 09:53

Tgt Ion:	252	Resp:	663209
Ion Ratio	Lower	Upper	
252	100		
253	22.8	0.0	53.4
125	12.0	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 5.578 ng/ul m

RT: 22.74 min Scan# 5217

Delta R.T. -0.01 min

Lab File: BN008419.D

Acq: 25 Oct 2019 09:53

Instrument :

BNA_N

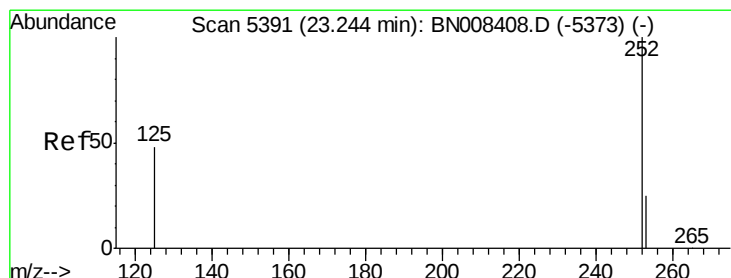
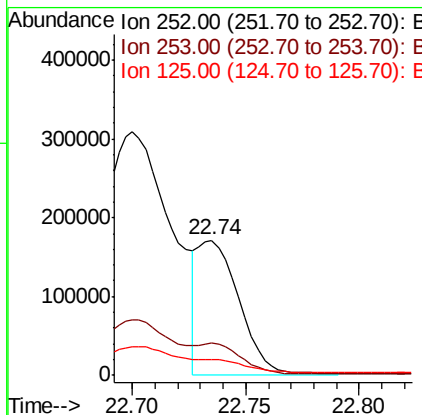
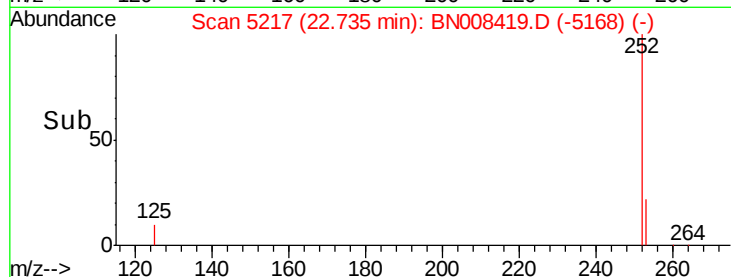
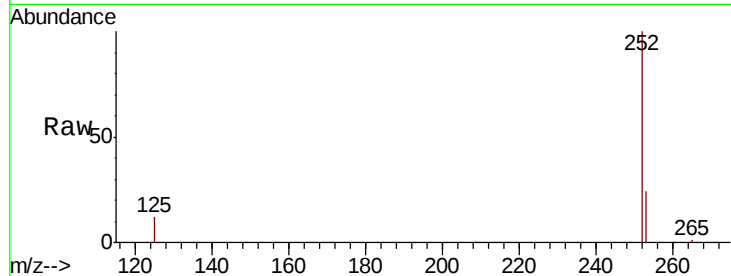
ClientSampled :

BEPM2

Tot Ion:	252	Resp:	220367
Ion Ratio	Lower	Upper	
252	100		
253	23.7	21.3	31.9
125	12.1	12.3	18.5#

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#23

Benzo(a)pyrene

Concen: 11.617 ng/ul

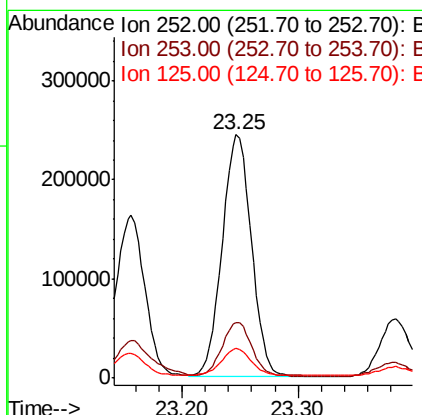
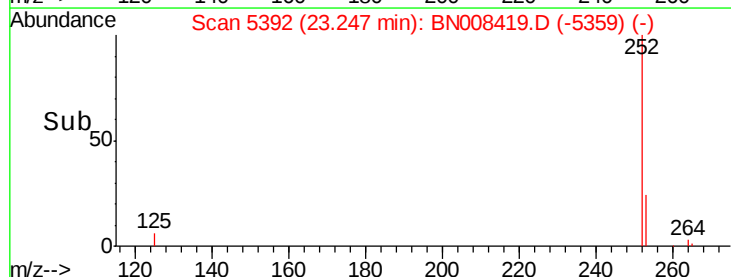
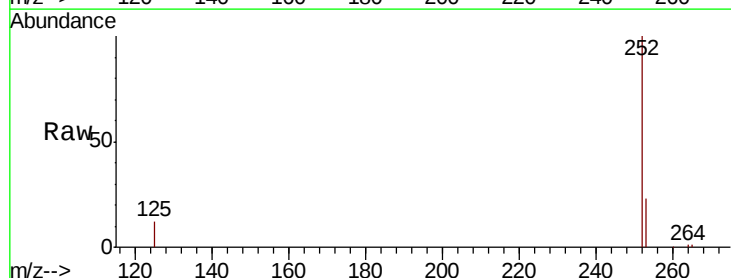
RT: 23.25 min Scan# 5392

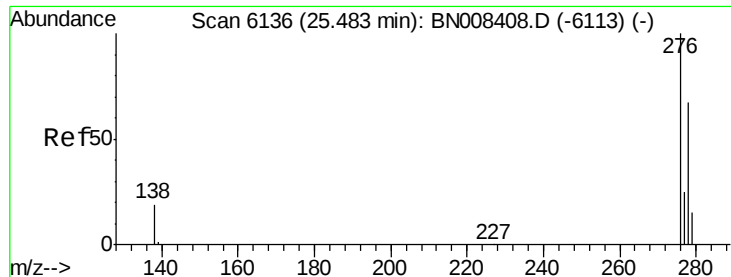
Delta R.T. -0.00 min

Lab File: BN008419.D

Acq: 25 Oct 2019 09:53

Tgt Ion:	252	Resp:	426358
Ion Ratio	Lower	Upper	
252	100		
253	23.0	22.8	34.2
125	12.1	18.4	27.6#





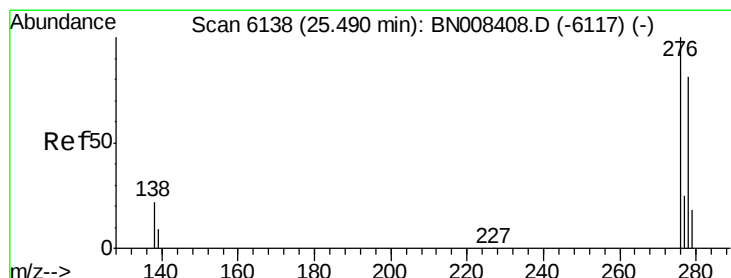
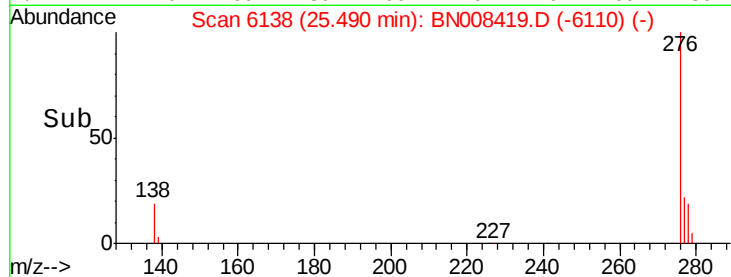
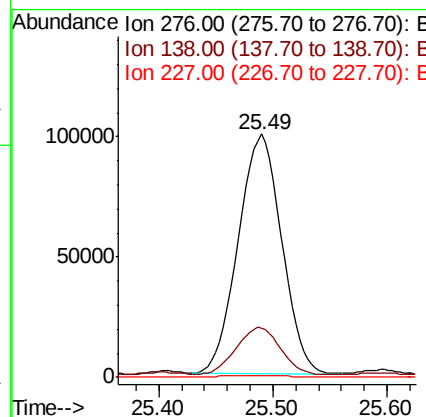
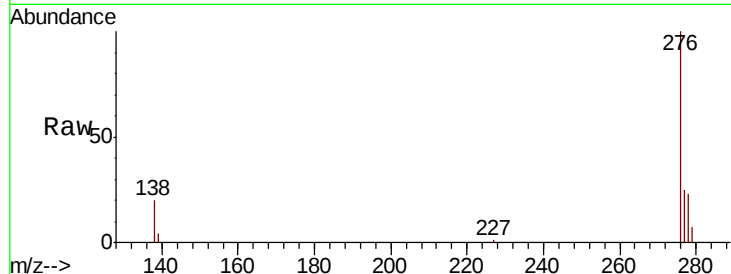
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 6.100 ng/ul
 RT: 25.49 min Scan# 6138
 Delta R.T. -0.01 min
 Lab File: BN008419.D
 Acq: 25 Oct 2019 09:53

Instrument :
 BNA_N
 ClientSampleId :
 BEPM2

Tot Ion	Ratio	Resp	Lower	Upper
276	100	263693		
138	20.2		16.1	24.1
227	0.2		0.2	0.2

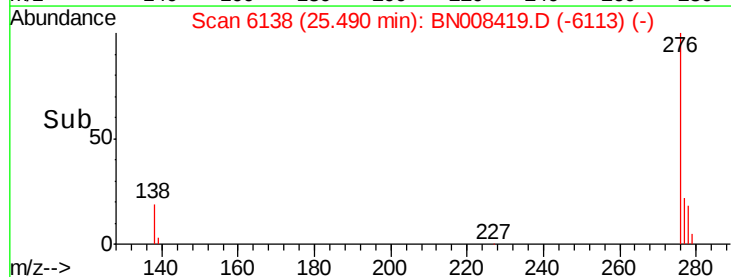
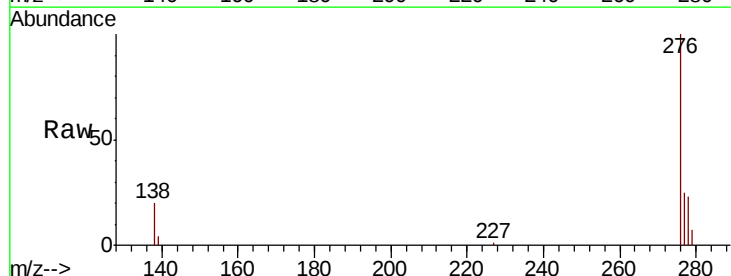
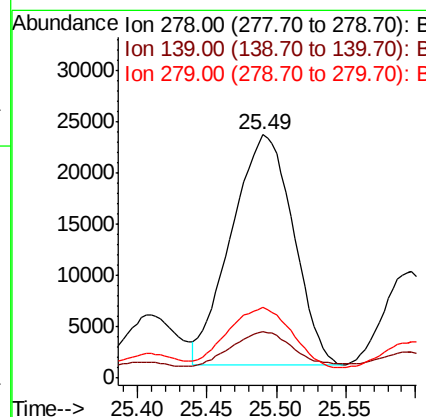
Manual Integrations
 APPROVED

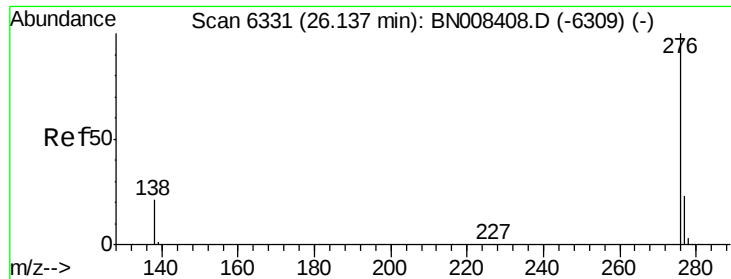
mohammad
 10/25/2019 9:28:46 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 2.024 ng/ul
 RT: 25.49 min Scan# 6138
 Delta R.T. -0.02 min
 Lab File: BN008419.D
 Acq: 25 Oct 2019 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	69153		
139	19.1		15.0	22.6
279	28.8		22.4	33.6





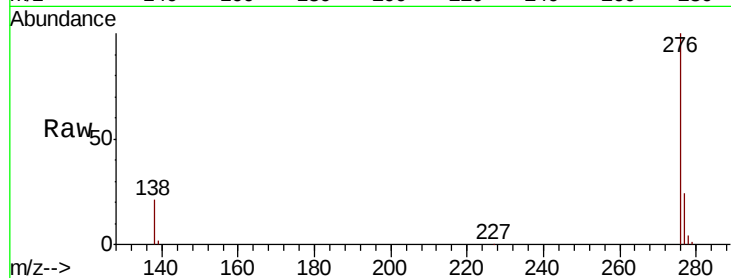
#26
 Benzo(a,h,i)perylene
 Concen: 5.990 ng/ul
 RT: 26.15 min Scan# 6334
 Delta R.T. 0.00 min
 Lab File: BN008419.D
 Acq: 25 Oct 2019 09:53

Instrument :
 BNA_N
 ClientSampleId :
 BEPM2

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	17.0	25.4
277	24.1	20.4	30.6

Manual Integrations
 APPROVED

mohammad
 10/25/2019 9:28:46 PM



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

