

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008313.D
 Acq On : 22 Oct 2019 13:38
 Operator : JU
 Sample : K5178-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPF2

Manual Integrations
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Quant Time: Oct 22 14:11:20 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 : Tue Oct 22 13:04:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1974	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	9586	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5852	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12965m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	12230	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	12454	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3691	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	10806	0.24	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	1003	0.037	ng/ul#	83
5) 2-Methylnaphthalene	12.02	142	567	0.030	ng/ul	97
7) Acenaphthylene	13.94	152	2124	0.076	ng/ul#	92
8) Acenaphthene	14.28	153	909	0.042	ng/ul	96
9) Fluorene	15.27	166	1737	0.071	ng/ul#	96
12) Phenanthrene	17.01	178	26305	0.693	ng/ul	99
13) Anthracene	17.10	178	5949	0.178	ng/ul	97
15) Fluoranthene	19.04	202	52391	1.045	ng/ul	99
17) Pyrene	19.40	202	47239	0.970	ng/ul	98
18) Benzo(a)anthracene	21.16	228	29094	0.654	ng/ul	97
19) Chrysene	21.21	228	31271	0.573	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	37968m	0.937	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	13118m	0.286	ng/ul	
23) Benzo(a)pyrene	23.26	252	21747	0.510	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.50	276	12011	0.239	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.51	278	3277	0.083	ng/ul#	61
26) Benzo(a,h,i)perylene	26.16	276	12853	0.279	ng/ul#	94

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

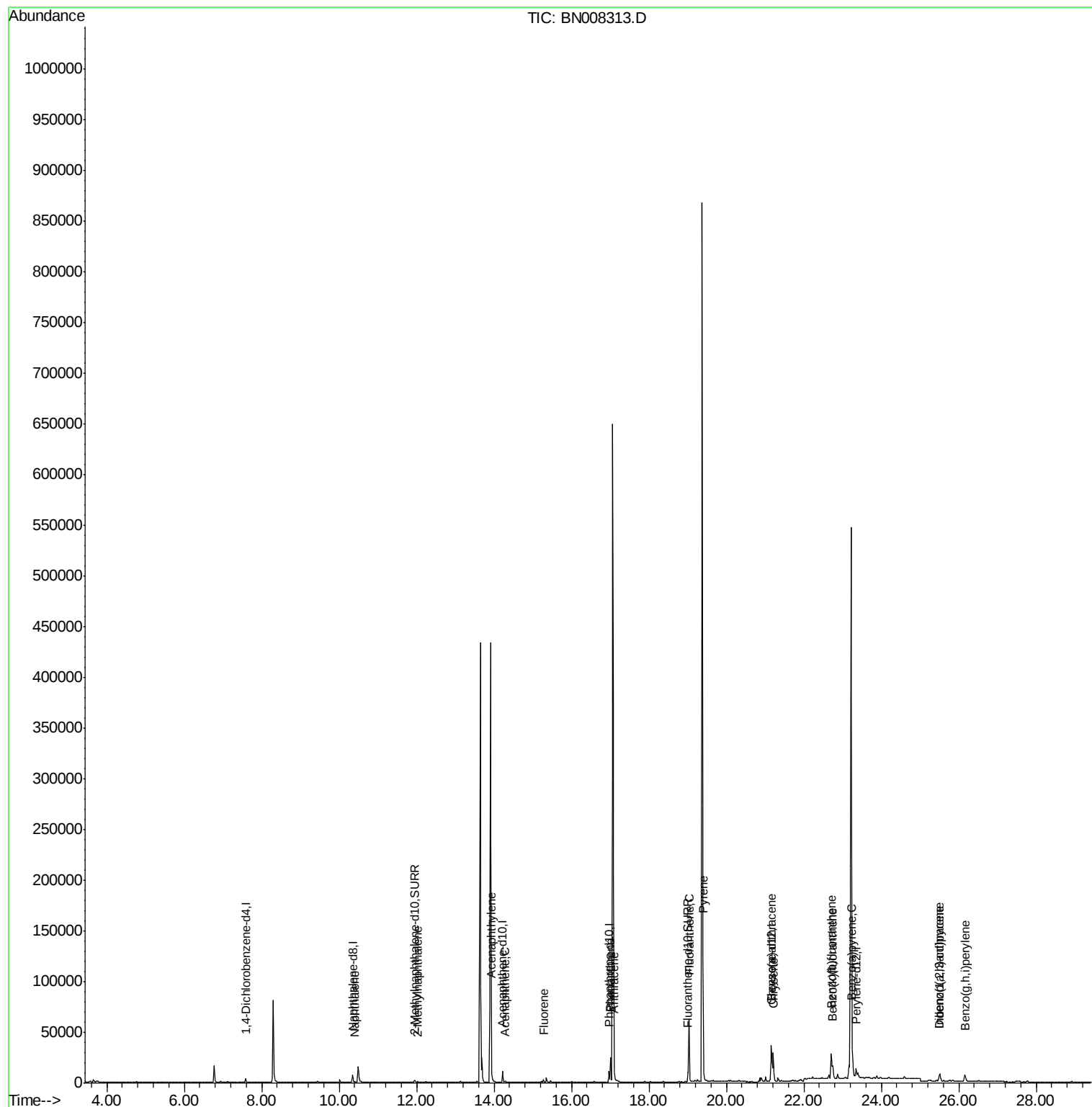
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008313.D
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ALS Vial : 9 Sample Multiplier: 1

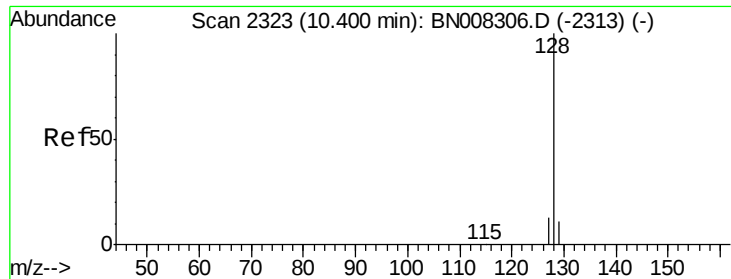
Instrument :
BNA_N
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BEPF2

Quant Time: Oct 22 14:11:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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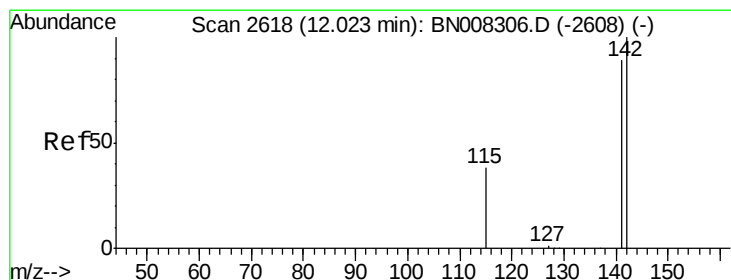
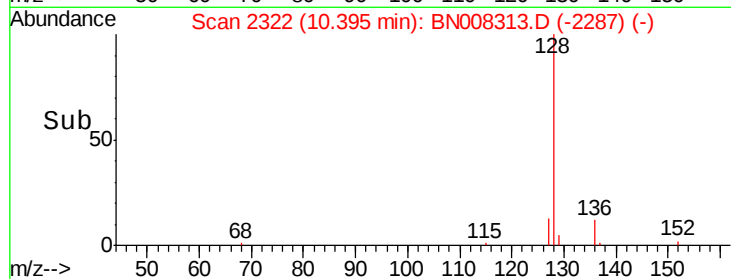
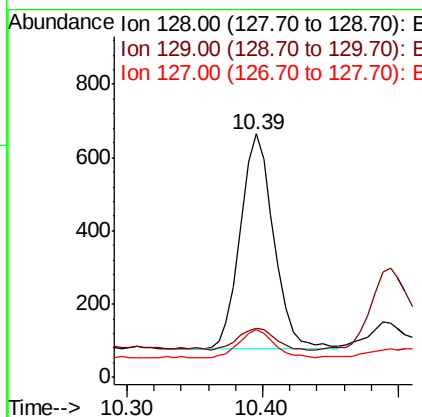
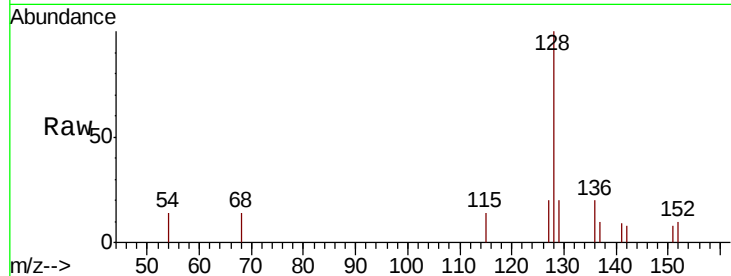
#3
Naphthalene
Concen: 0.037 ng/ul
RT: 10.39 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BN008313.D
Acq: 22 Oct 2019 13:38

Instrument :
BNA_N
ClientSampleId :
BEPF2

Tot Ion	Ratio	Lower	Upper
128	100		
129	20.2	9.8	14.8#
127	19.7	11.1	16.7#

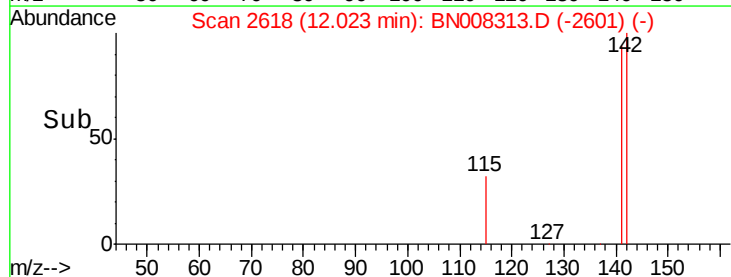
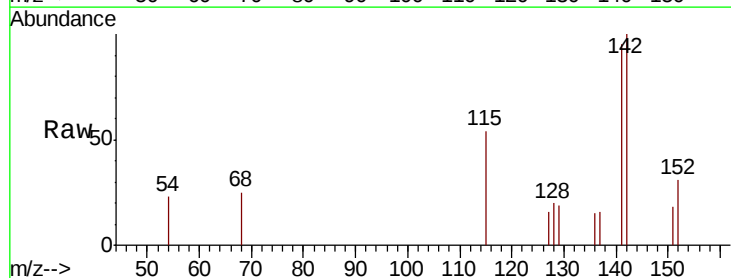
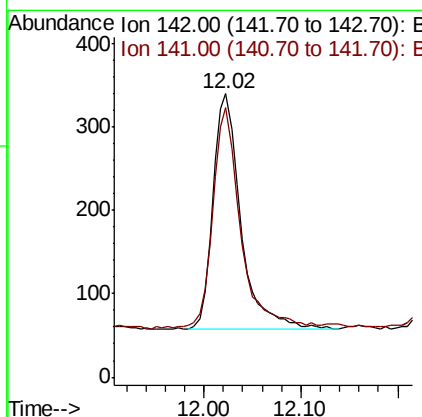
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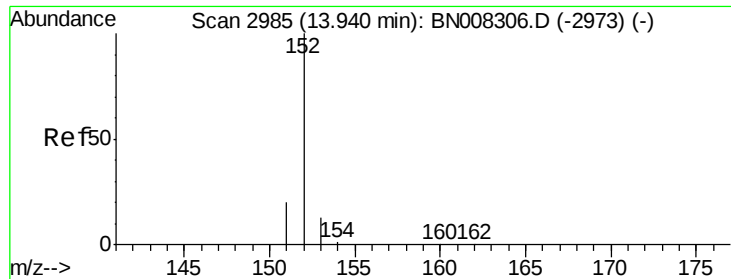
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#5
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.02 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BN008313.D
Acq: 22 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	71.4	107.2





#7

Acenaphthylene

Concen: 0.076 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN008313.D

Acq: 22 Oct 2019 13:38

Instrument :

BNA_N

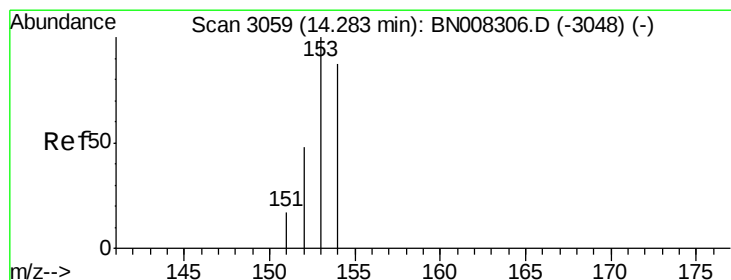
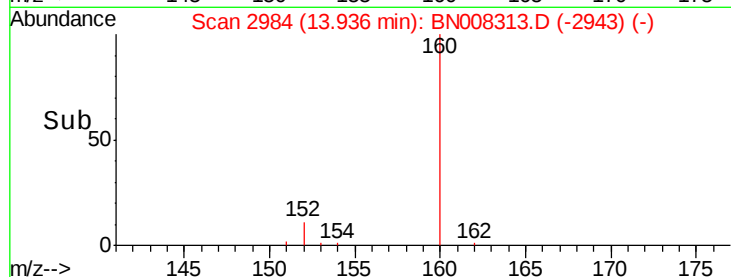
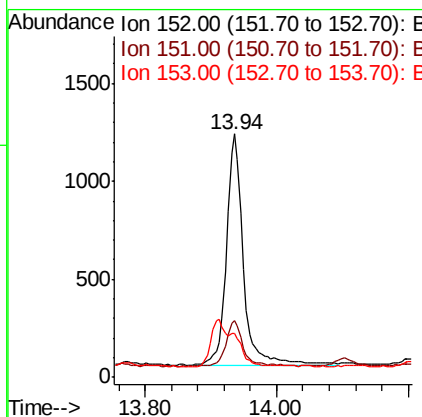
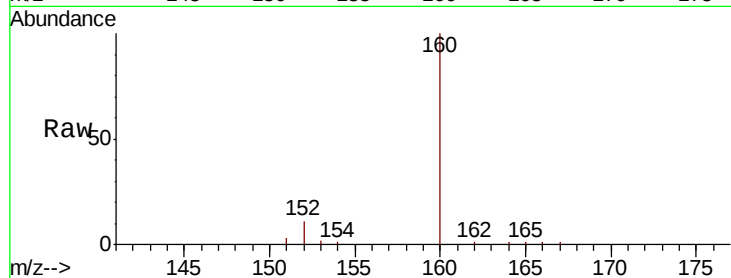
ClientSampleId :

BEPF2

Tot Ion:	152	Resp:	2124
Ion Ratio	Lower	Upper	
152	100		
151	23.1	16.2	24.4
153	18.0	11.0	16.4

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#8

Acenaphthene

Concen: 0.042 ng/ul

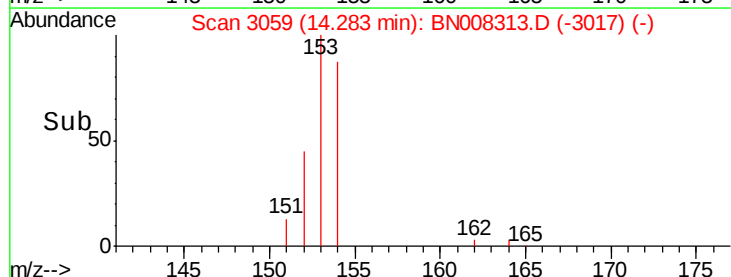
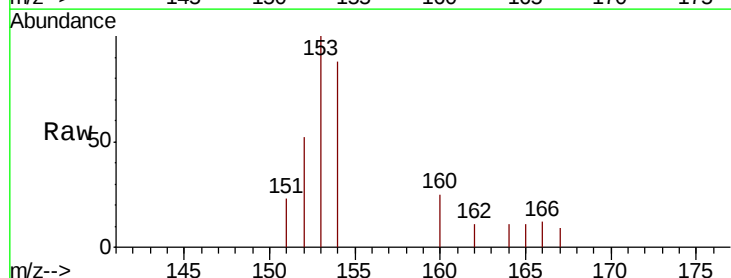
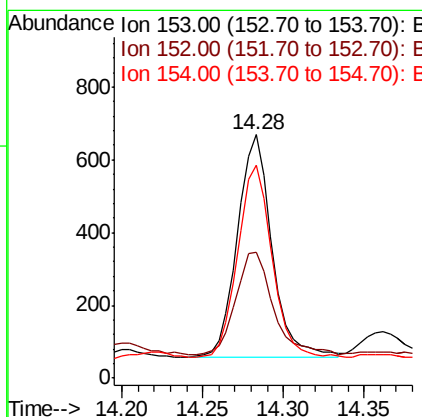
RT: 14.28 min Scan# 3059

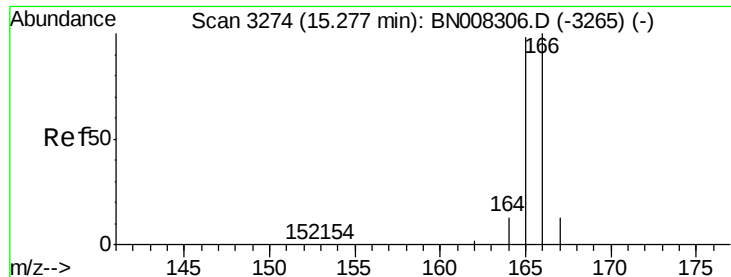
Delta R.T. -0.00 min

Lab File: BN008313.D

Acq: 22 Oct 2019 13:38

Tgt Ion:	153	Resp:	909
Ion Ratio	Lower	Upper	
153	100		
152	51.7	38.2	57.2
154	87.6	71.8	107.8





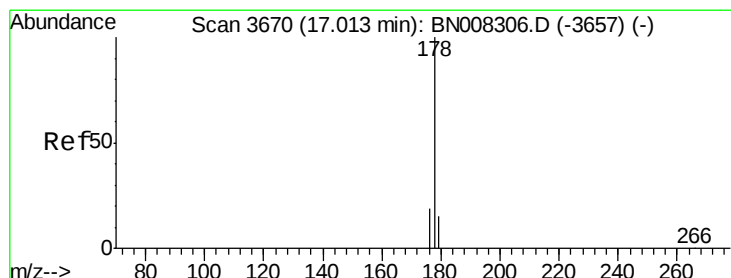
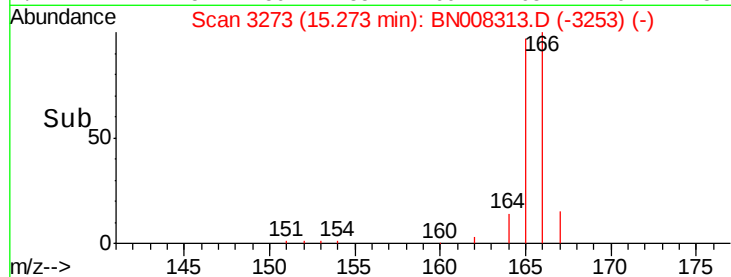
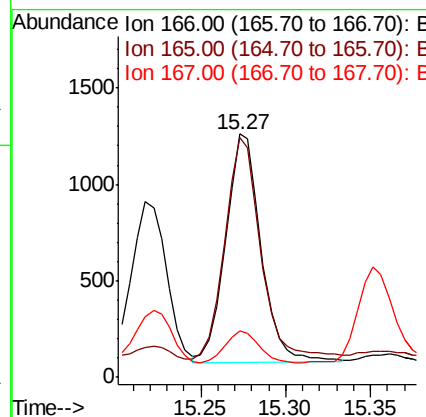
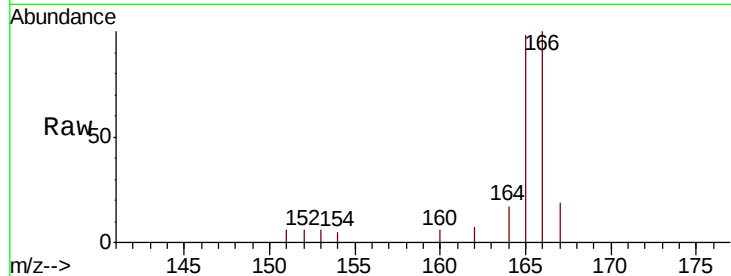
#9
Fluorene
 Concen: 0.071 ng/ul
 RT: 15.27 min Scan# 3273
 Delta R.T. -0.01 min
 Lab File: BN008313.D
 Acq: 22 Oct 2019 13:38

Instrument :
 BNA_N
 ClientSampleId :
 BEPF2

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	76.6	115.0
167	19.1	11.7	17.5

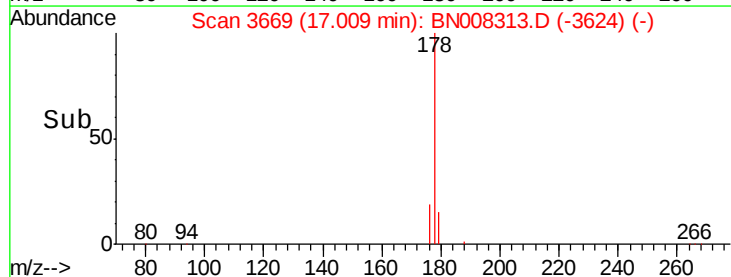
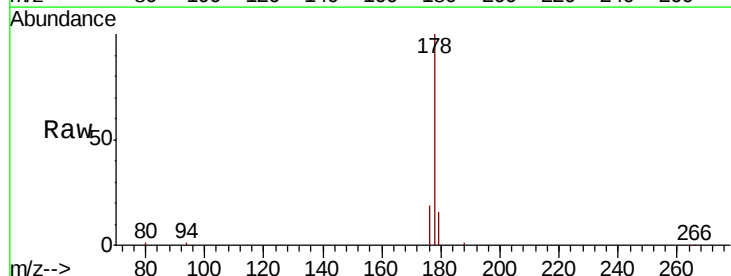
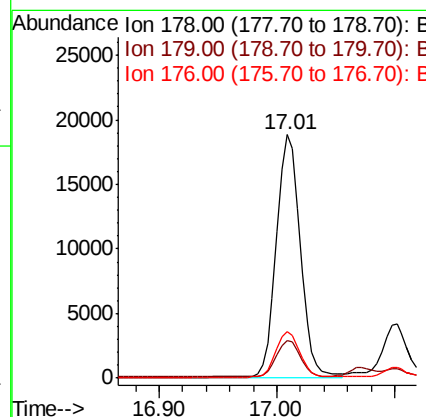
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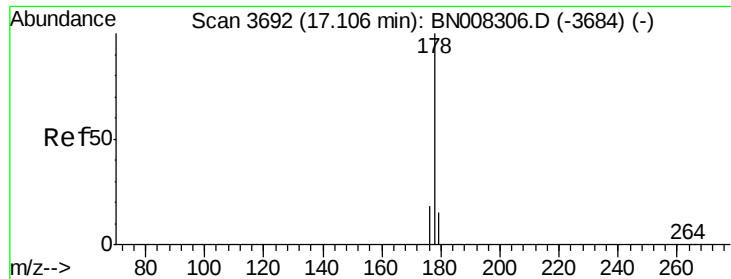
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#12
Phenanthrene
 Concen: 0.693 ng/ul
 RT: 17.01 min Scan# 3669
 Delta R.T. -0.01 min
 Lab File: BN008313.D
 Acq: 22 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	19.1	15.4	23.2





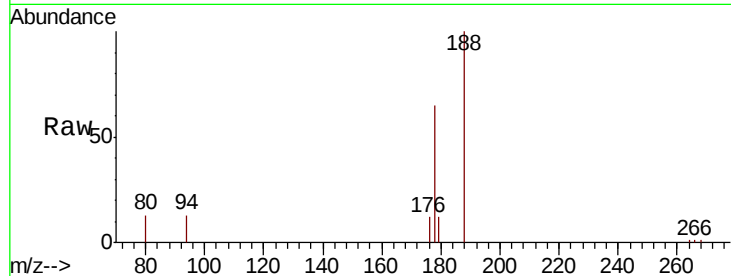
#13
 Anthracene
 Concen: 0.178 ng/ul
 RT: 17.10 min Scan# 3691
 Delta R.T. -0.01 min
 Lab File: BN008313.D
 Acq: 22 Oct 2019 13:38

Instrument :
 BNA_N
 ClientSampleId :
 BEPF2

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.0	19.6
176	19.3	15.0	22.6

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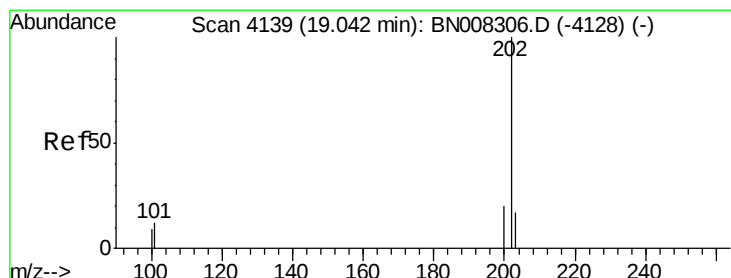
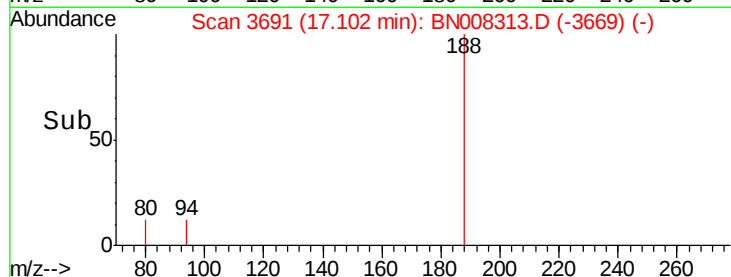
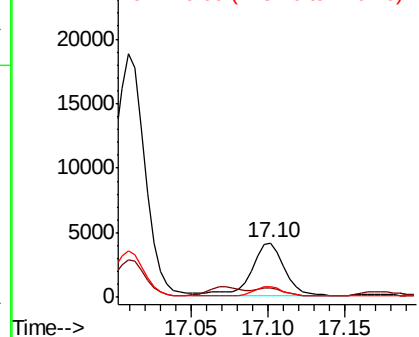


Abundance

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: 1.045 ng/ul
 RT: 19.04 min Scan# 4138
 Delta R.T. -0.00 min
 Lab File: BN008313.D
 Acq: 22 Oct 2019 13:38

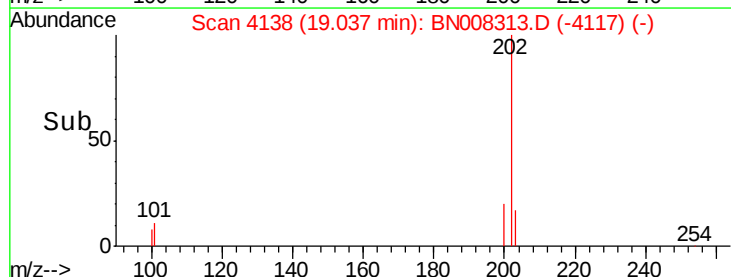
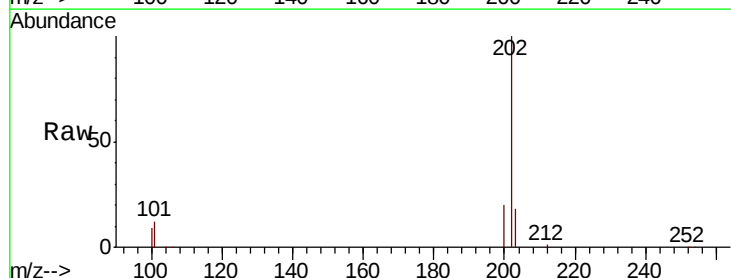
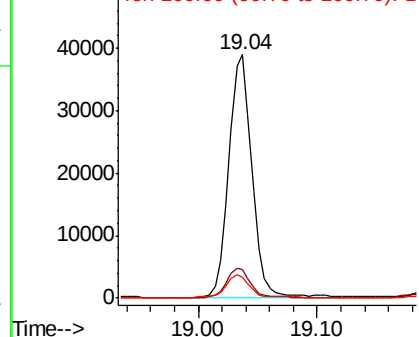
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.2
100	8.7	0.0	28.5

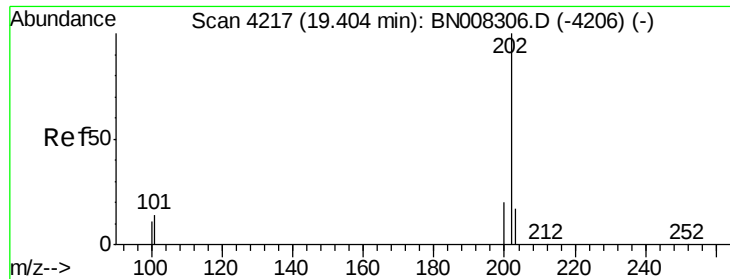
Abundance

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





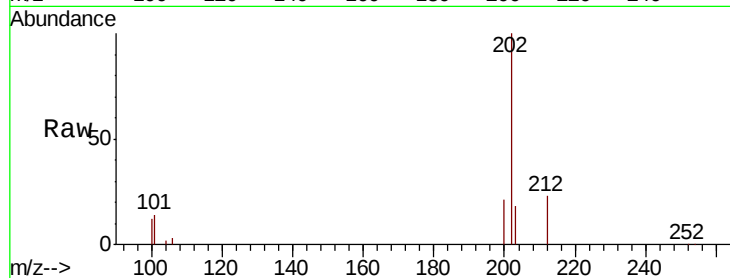
#17
Pvrene
Concen: 0.970 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008313.D
Acq: 22 Oct 2019 13:38

Instrument :
BNA_N
ClientSampleId :
BEPF2

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.9	16.3
100	11.8	8.7	13.1

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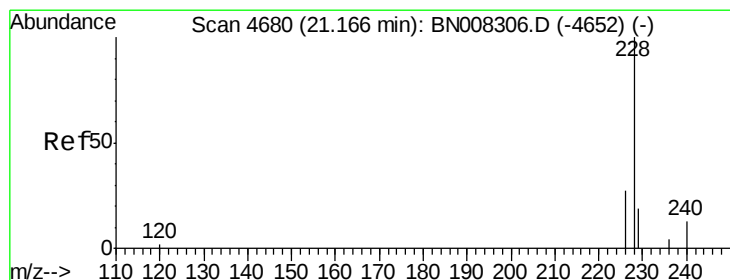
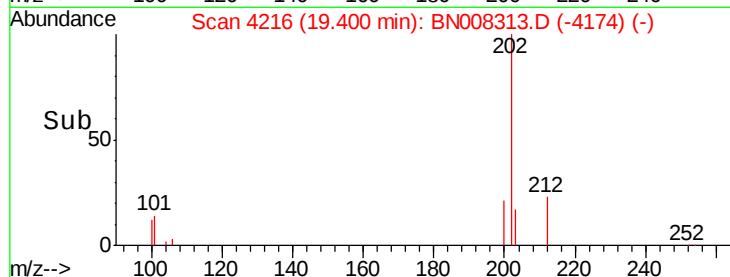
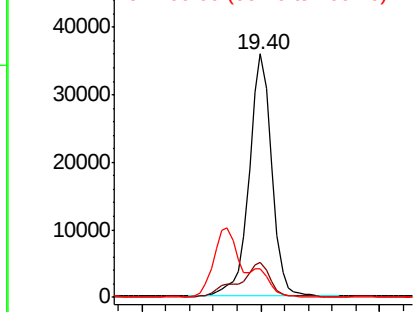


Abundance

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): E



#18
Benzo(a)anthracene
Concen: 0.654 ng/ul
RT: 21.16 min Scan# 4678
Delta R.T. -0.01 min
Lab File: BN008313.D
Acq: 22 Oct 2019 13:38

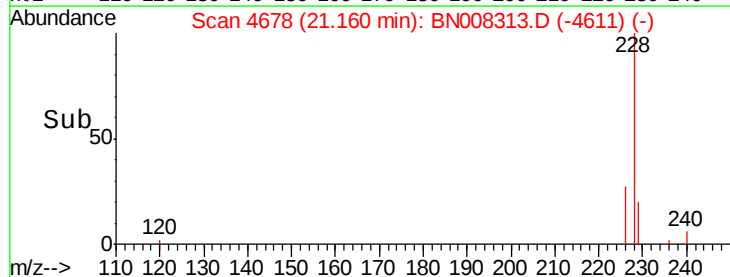
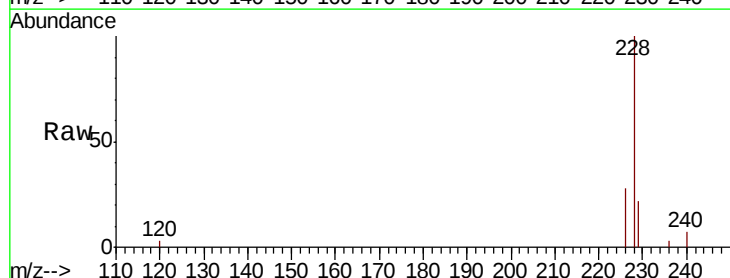
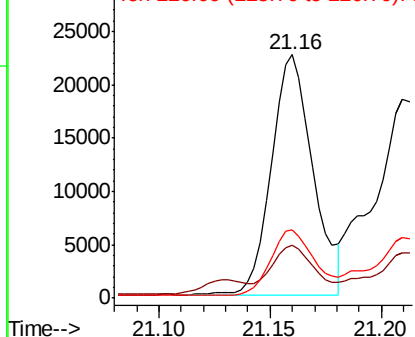
Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.2	24.2
226	28.3	21.4	32.0

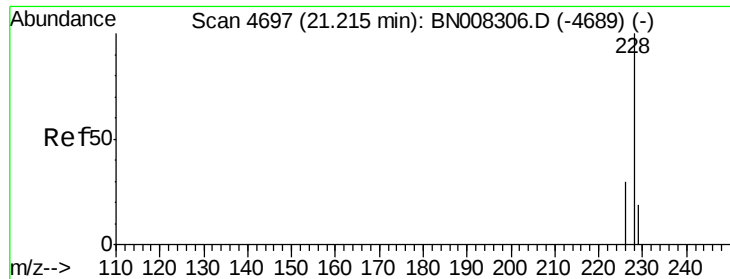
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.573 ng/ul

RT: 21.21 min Scan# 4695

Delta R.T. -0.01 min

Lab File: BN008313.D

Acq: 22 Oct 2019 13:38

Instrument :

BNA_N

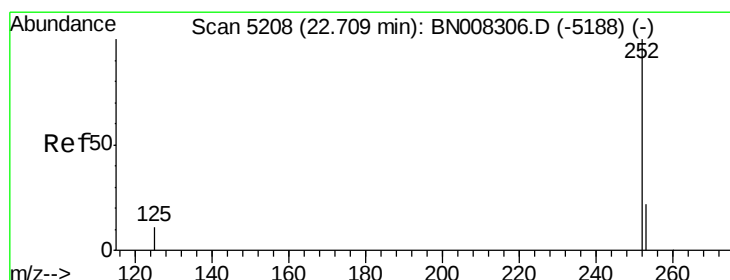
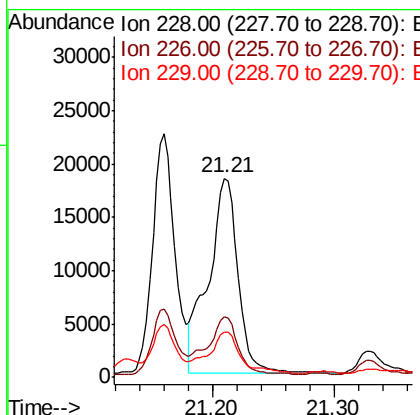
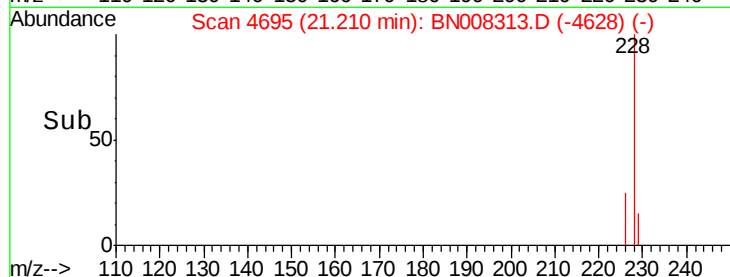
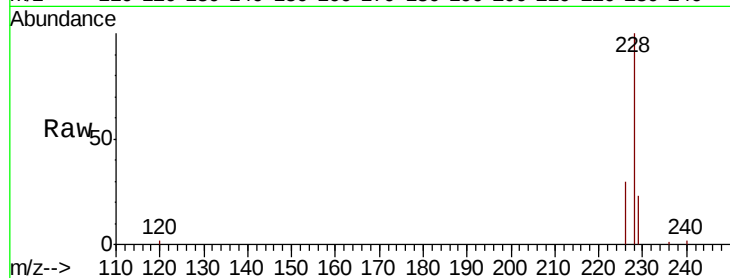
ClientSampleId :

BEPF2

Tot Ion:	228	Resp:	31271
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.1	36.1
229	22.8	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 0.937 ng/ul m

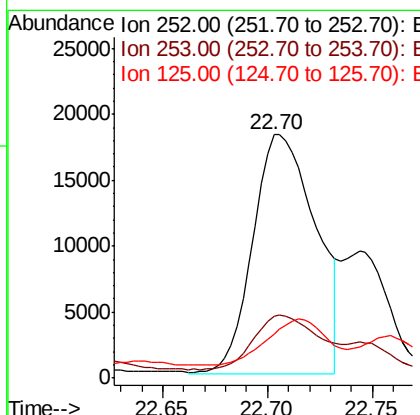
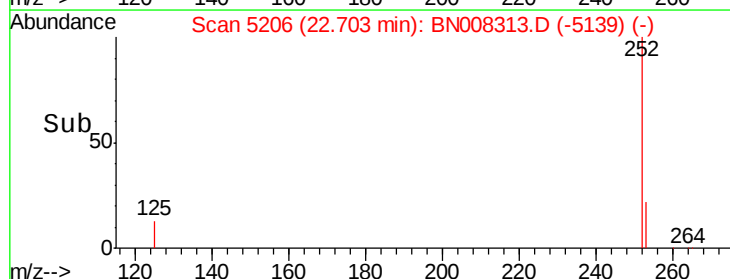
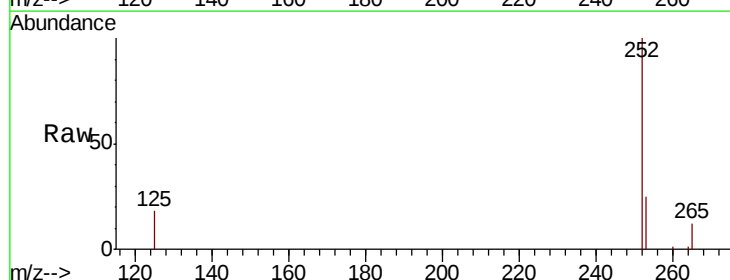
RT: 22.70 min Scan# 5206

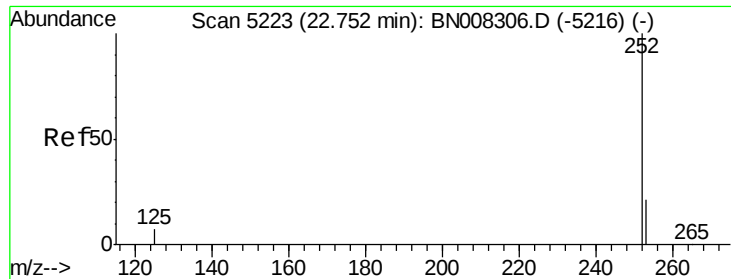
Delta R.T. -0.01 min

Lab File: BN008313.D

Acq: 22 Oct 2019 13:38

Tgt Ion:	252	Resp:	37968
Ion Ratio	Lower	Upper	
252	100		
253	25.2	0.0	53.4
125	18.0	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 0.286 ng/ul m

RT: 22.74 min Scan# 5220

Delta R.T. -0.01 min

Lab File: BN008313.D

Acq: 22 Oct 2019 13:38

Instrument :

BNA_N

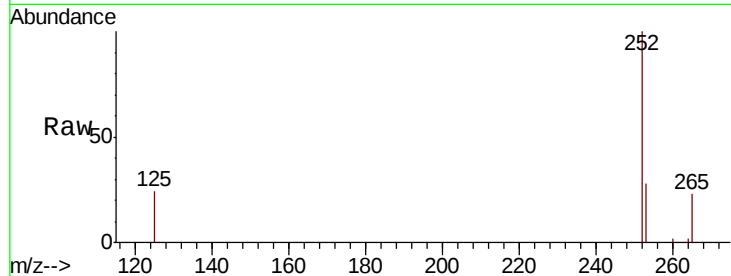
ClientSampleId :

BEPF2

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.3	21.3	31.9
125	24.3	12.3	18.5

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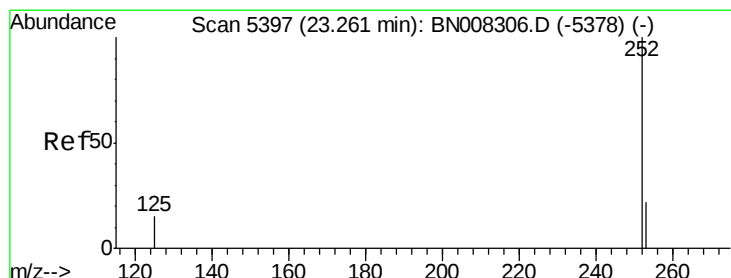
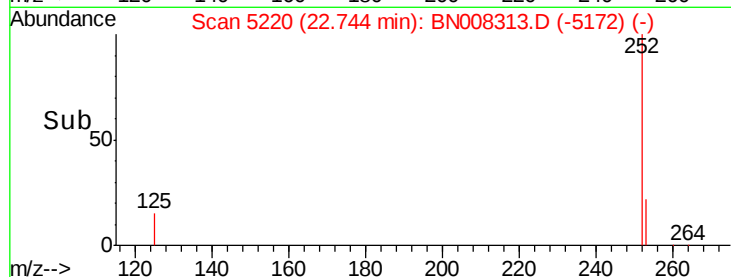
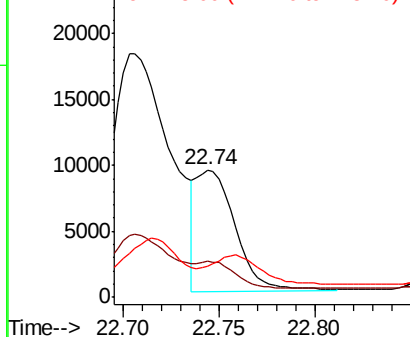


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.510 ng/ul

RT: 23.26 min Scan# 5395

Delta R.T. -0.01 min

Lab File: BN008313.D

Acq: 22 Oct 2019 13:38

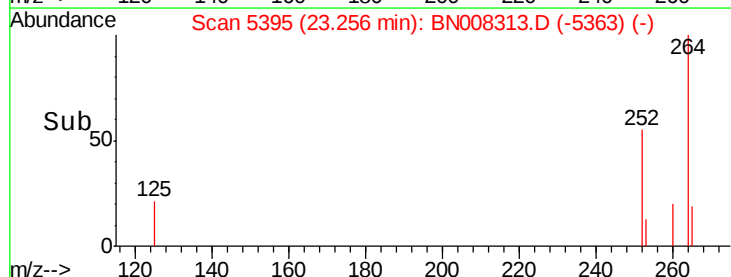
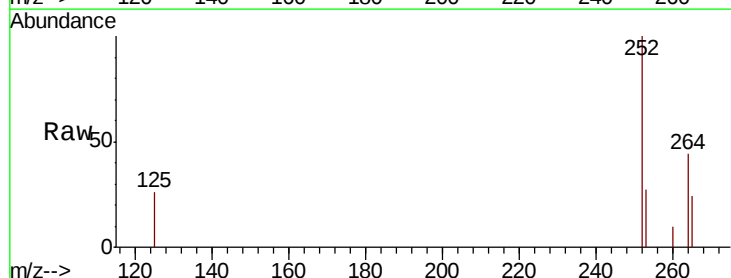
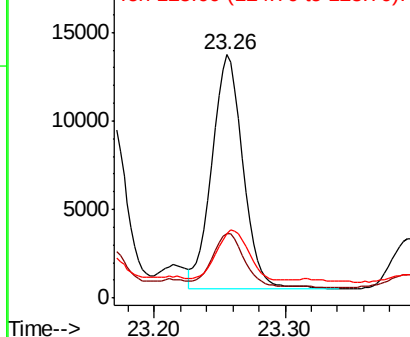
Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	22.8	34.2
125	26.4	18.4	27.6

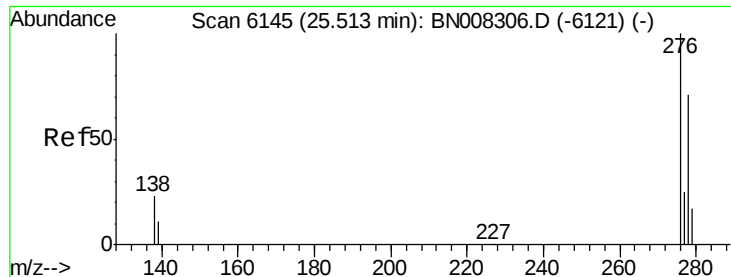
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





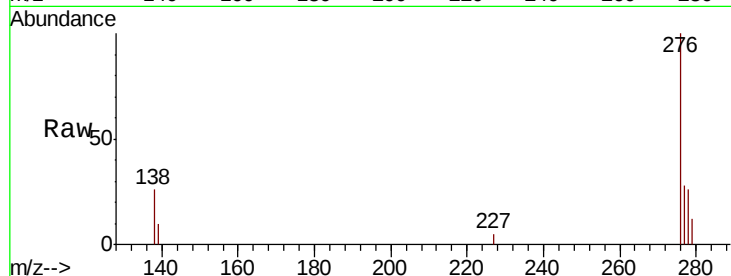
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.239 ng/ul
 RT: 25.50 min Scan# 6142
 Delta R.T. -0.01 min
 Lab File: BN008313.D
 Acq: 22 Oct 2019 13:38

Instrument :
 BNA_N
 ClientSampleId :
 BEPF2

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.1	24.1
227	0.2	0.2	0.2

Manual Integrations
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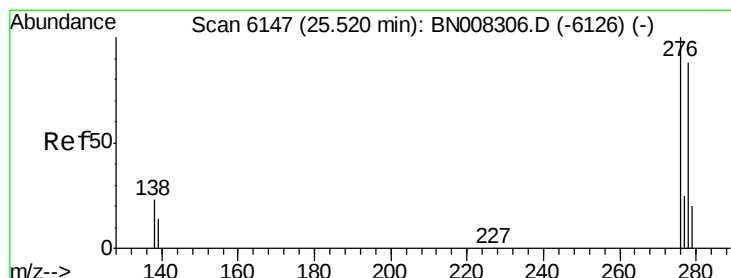
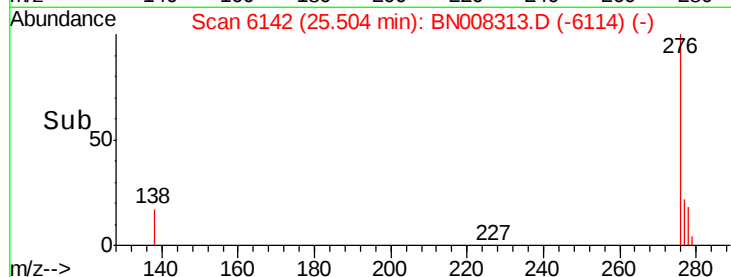
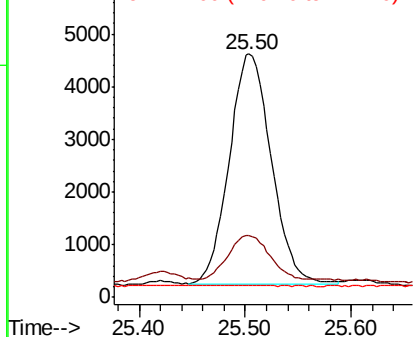


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
 Dibenzo(a,h)anthracene
 Concen: 0.083 ng/ul
 RT: 25.51 min Scan# 6144
 Delta R.T. -0.01 min
 Lab File: BN008313.D
 Acq: 22 Oct 2019 13:38

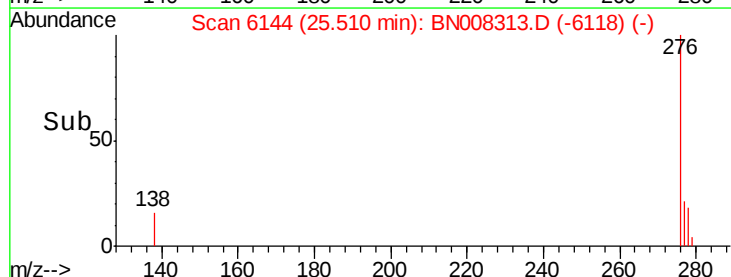
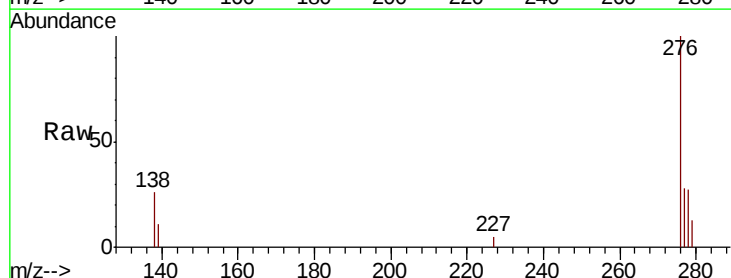
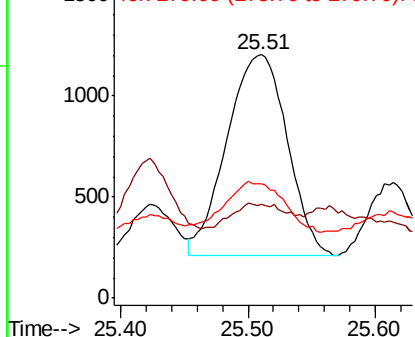
Tgt Ion	Ratio	Lower	Upper
278	100		
139	38.4	15.0	22.6
279	47.2	22.4	33.6

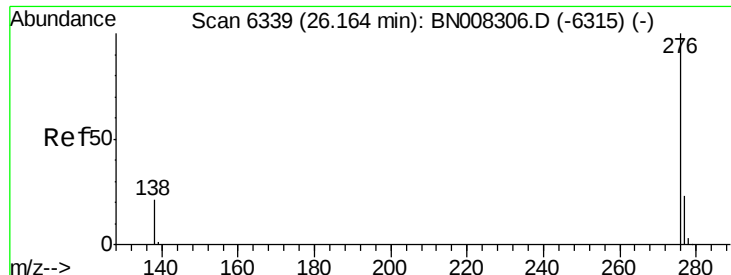
Abundance

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(a,h,i)perylene
 Concen: 0.279 ng/ul
 RT: 26.16 min Scan# 6338
 Delta R.T. -0.01 min
 Lab File: BN008313.D
 Acq: 22 Oct 2019 13:38

Instrument :
 BNA_N
 ClientSampleId :
 BEPF2

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	17.0	25.4#
277	27.0	20.4	30.6

Manual Integrations
 APPROVED

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