

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008289.D
 Acq On : 21 Oct 2019 18:51
 Operator : JU
 Sample : K5178-11DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPF4DL

Manual Integrations
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Quant Time: Oct 22 00:20:53 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 : Mon Oct 21 23:58:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2118	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	10055	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	6372	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	13685	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	13683	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	13720	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	859	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	3118	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	4389	0.153	ng/ul	97
5) 2-Methylnaphthalene	12.03	142	3170	0.161	ng/ul	99
7) Acenaphthylene	13.94	152	9271	0.305	ng/ul	98
8) Acenaphthene	14.28	153	8778	0.372	ng/ul	98
9) Fluorene	15.28	166	8778	0.328	ng/ul	97
11) Pentachlorophenol	16.64	266	113	0.034	ng/ul	96
12) Phenanthrene	17.01	178	223127	5.569	ng/ul	98
13) Anthracene	17.10	178	41005	1.163	ng/ul	99
15) Fluoranthene	19.04	202	377050	7.125	ng/ul	98
17) Pyrene	19.40	202	468841	8.606	ng/ul	99
18) Benzo(a)anthracene	21.16	228	273481	5.497	ng/ul	98
19) Chrysene	21.21	228	286472	4.692	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	274697m	6.150	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	85190m	1.684	ng/ul	
23) Benzo(a)pyrene	23.26	252	216572	4.608	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.51	276	101176	1.828	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.51	278	30819	0.704	ng/ul	99
26) Benzo(g,h,i)perylene	26.16	276	103231	2.034	ng/ul	98

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

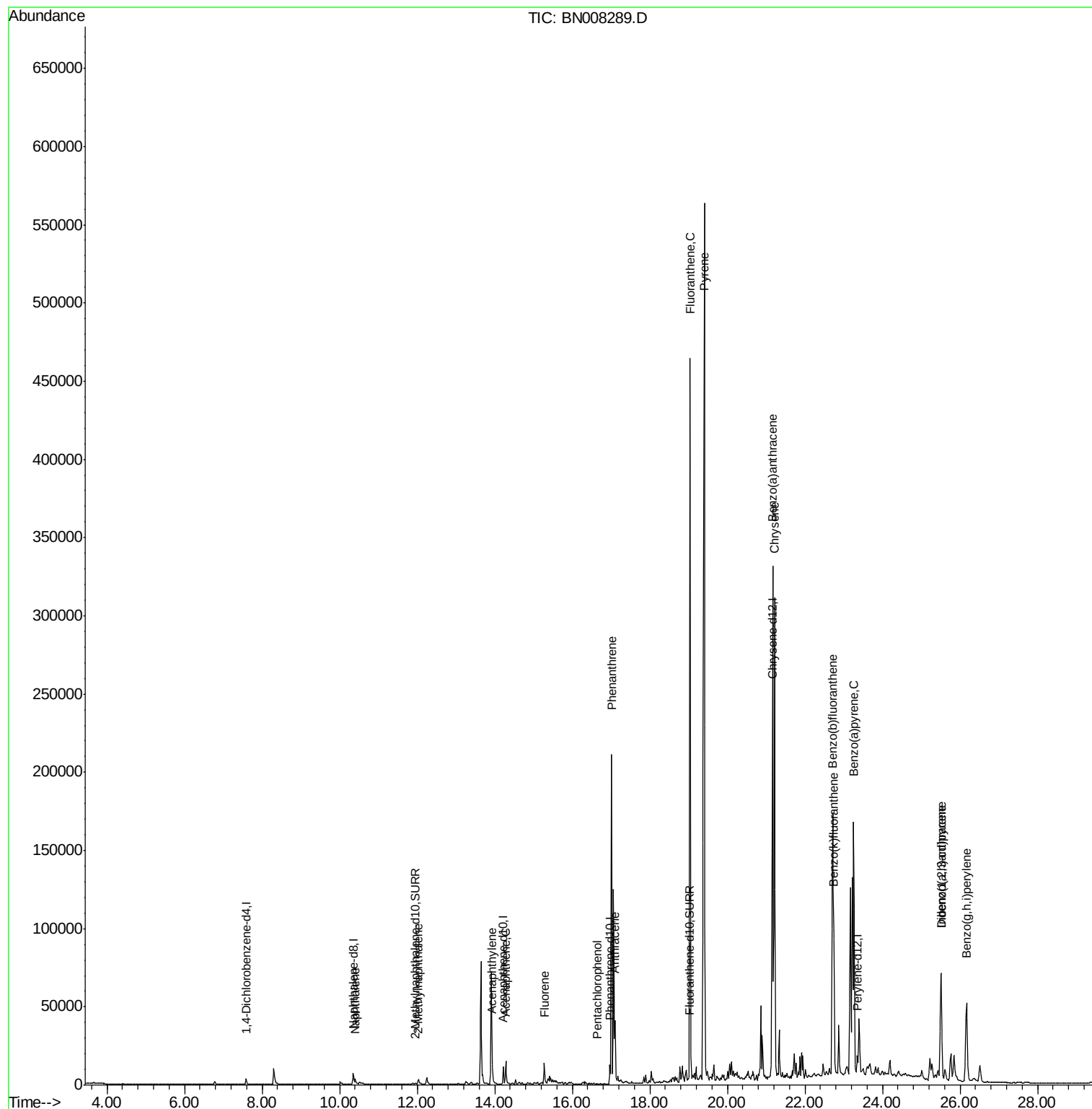
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
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ALS Vial : 17 Sample Multiplier: 1

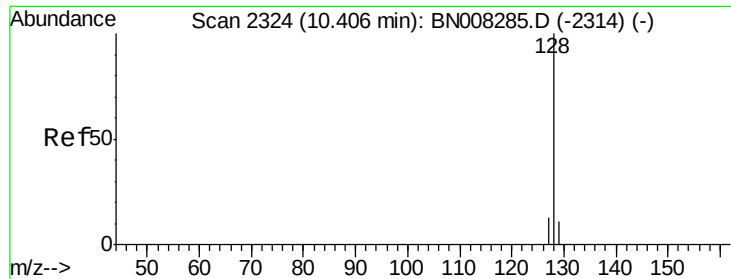
Instrument :
BNA_N
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BEPF4DL

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Quant Time: Oct 22 00:20:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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#3

Naphthalene

Concen: 0.153 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BN008289.D

Acq: 21 Oct 2019 18:51

Instrument :

BNA_N

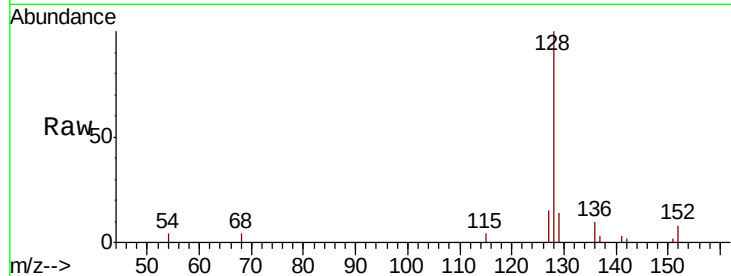
ClientSampleId :

BEPF4DL

Tot Ion:	128	Resp:	4389
Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.8	14.8
127	14.8	11.1	16.7

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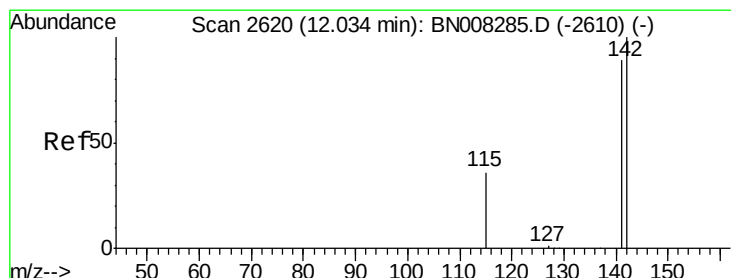
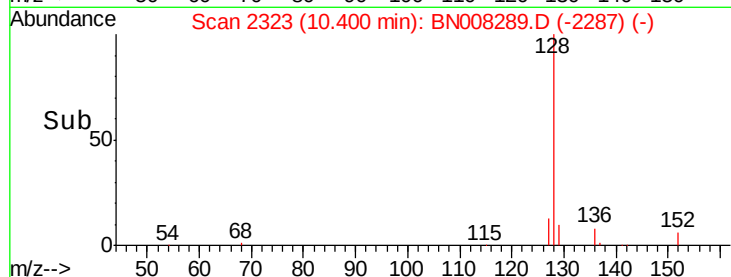
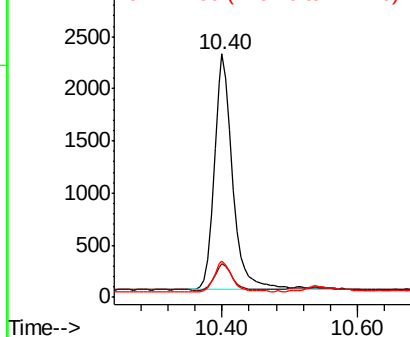


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.161 ng/ul

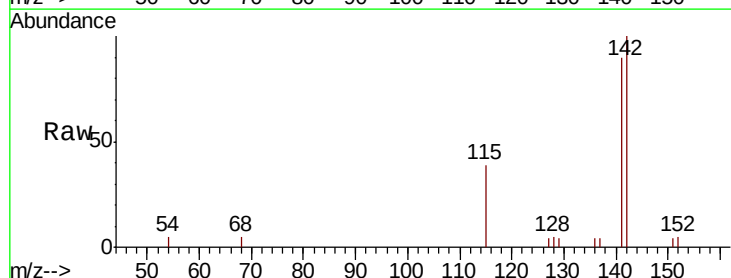
RT: 12.03 min Scan# 2619

Delta R.T. 0.00 min

Lab File: BN008289.D

Acq: 21 Oct 2019 18:51

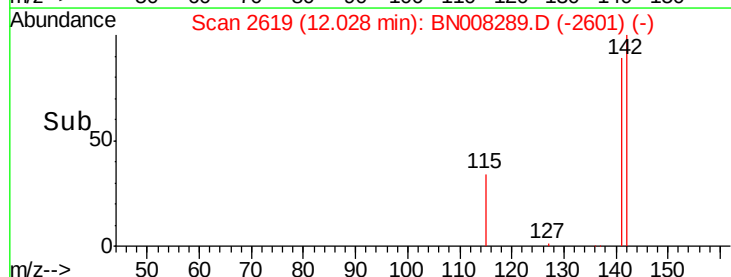
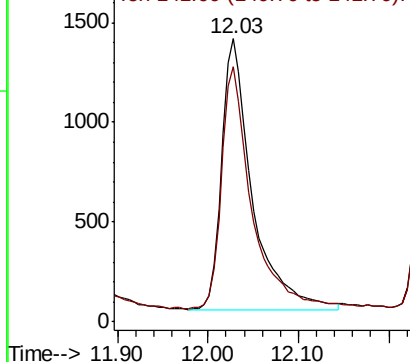
Tgt Ion:	142	Resp:	3170
Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2

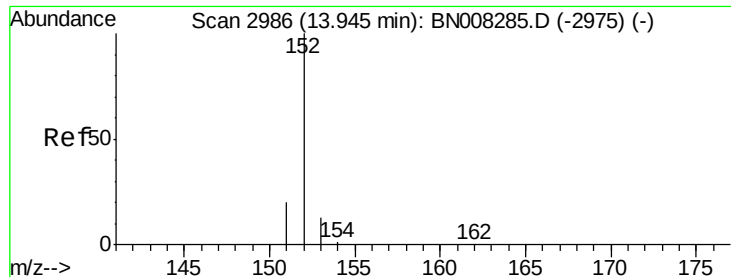


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.305 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BN008289.D

Acq: 21 Oct 2019 18:51

Instrument :

BNA_N

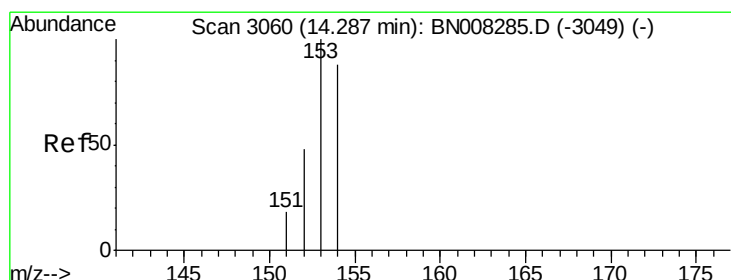
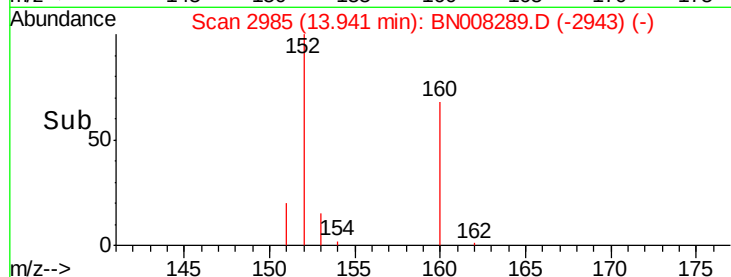
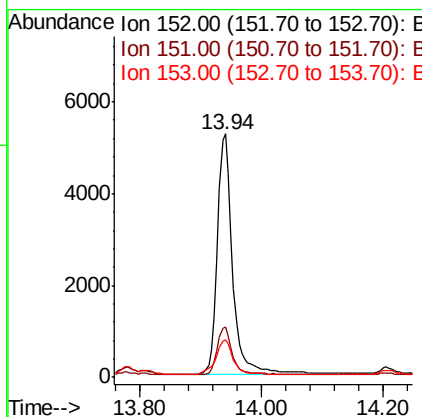
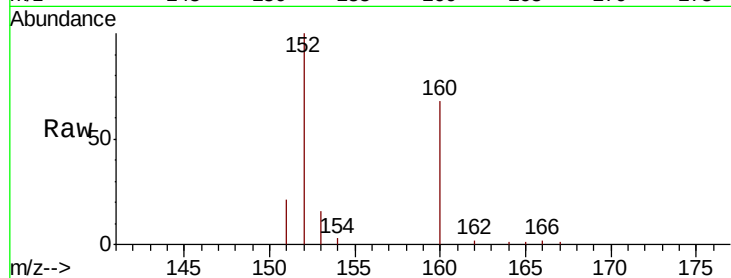
ClientSampleId :

BEPF4DL

Tot Ion:	152	Resp:	9271
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.2	24.4
153	15.6	11.0	16.4

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#8

Acenaphthene

Concen: 0.372 ng/ul

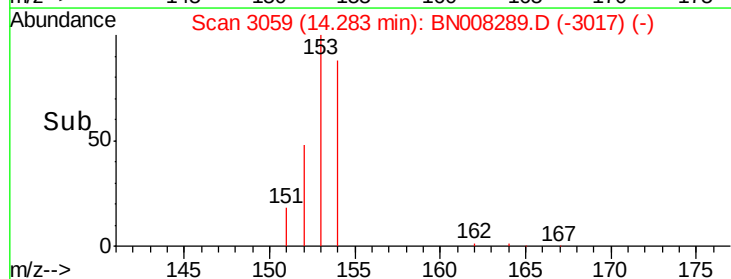
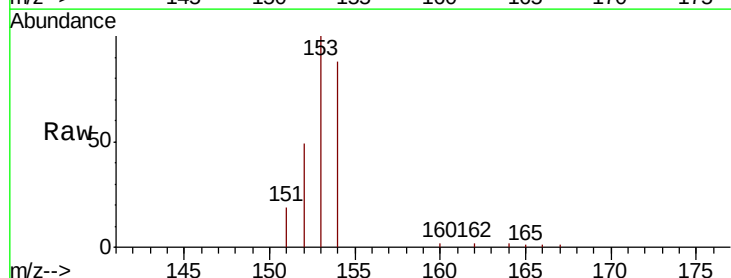
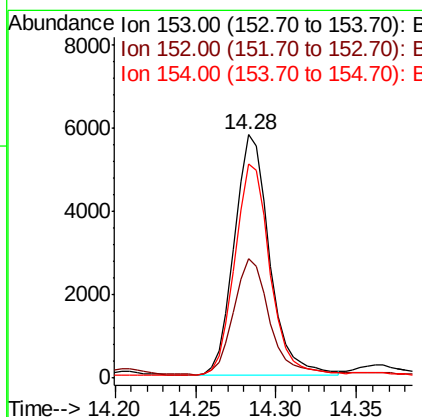
RT: 14.28 min Scan# 3059

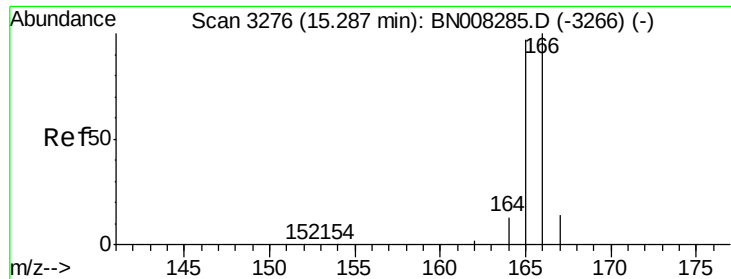
Delta R.T. -0.00 min

Lab File: BN008289.D

Acq: 21 Oct 2019 18:51

Tgt Ion:	153	Resp:	8778
Ion Ratio	Lower	Upper	
153	100		
152	49.1	38.2	57.2
154	88.1	71.8	107.8





#9

Fluorene

Concen: 0.328 ng/ul

RT: 15.28 min Scan# 3274

Delta R.T. -0.00 min

Lab File: BN008289.D

Acq: 21 Oct 2019 18:51

Instrument :

BNA_N

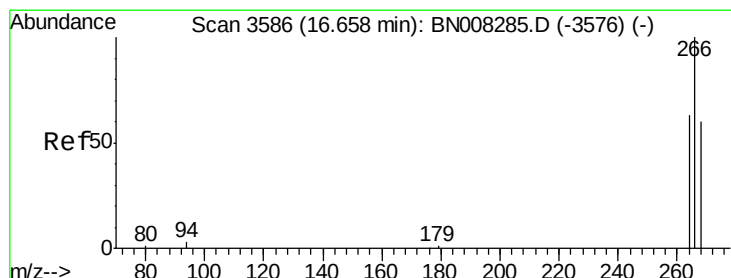
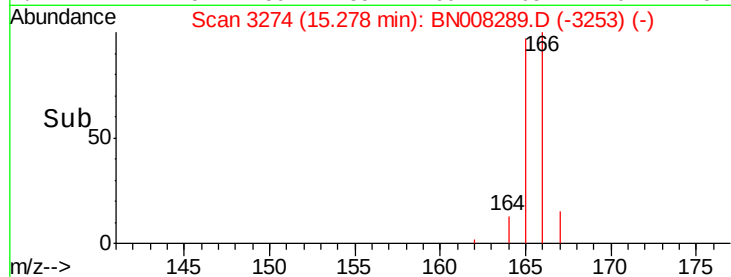
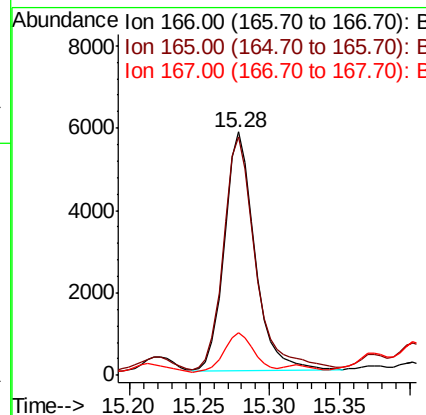
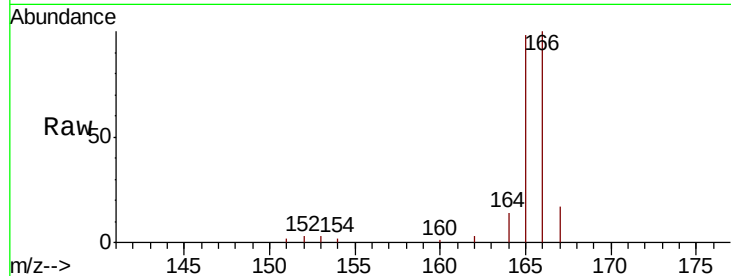
ClientSampleId :

BEPF4DL

Tot Ion:	166	Resp:	8778
Ion	Ratio	Lower	Upper
166	100		
165	97.9	76.6	115.0
167	17.3	11.7	17.5

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#11

Pentachlorophenol

Concen: 0.034 ng/ul

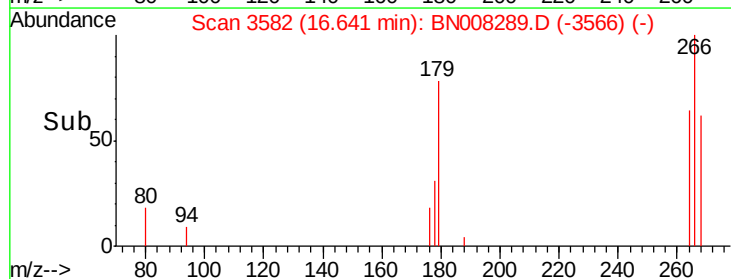
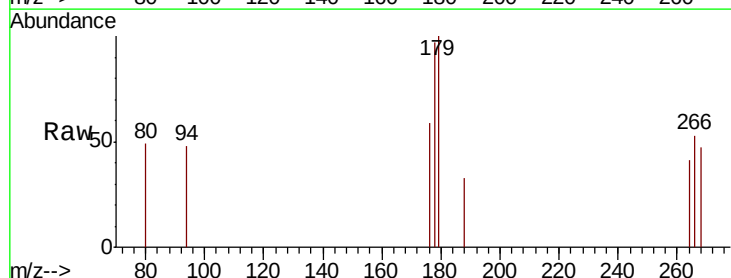
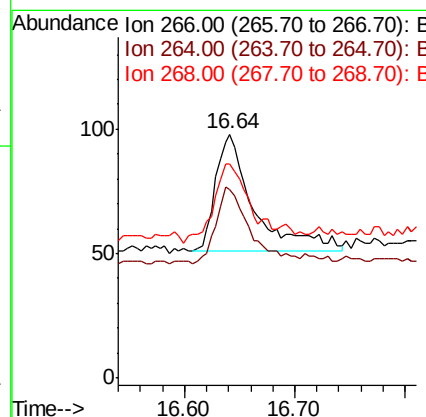
RT: 16.64 min Scan# 3582

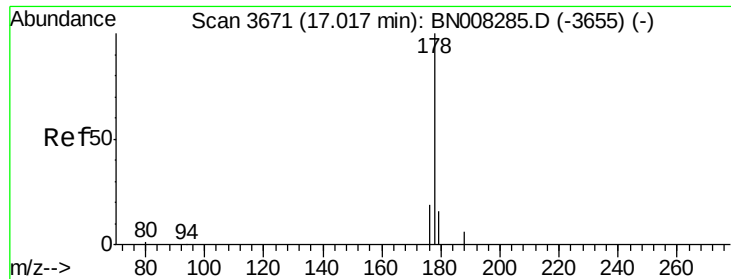
Delta R.T. -0.03 min

Lab File: BN008289.D

Acq: 21 Oct 2019 18:51

Tgt Ion:	266	Resp:	113
Ion	Ratio	Lower	Upper
266	100		
264	57.5	50.1	75.1
268	65.5	51.9	77.9





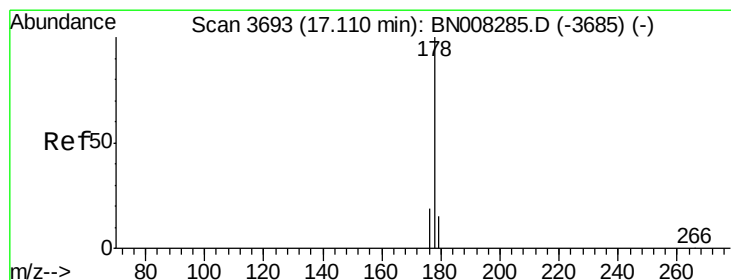
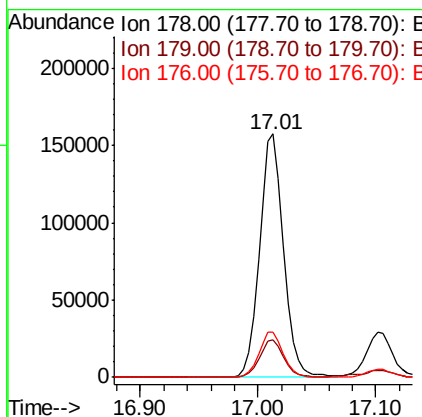
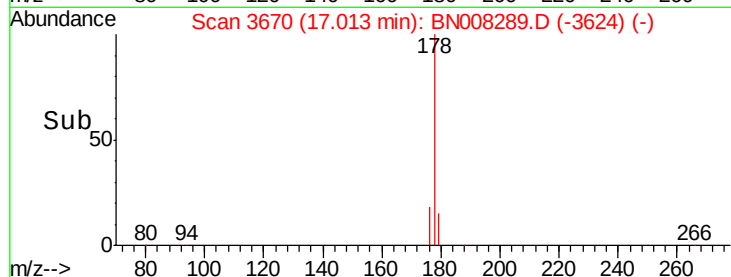
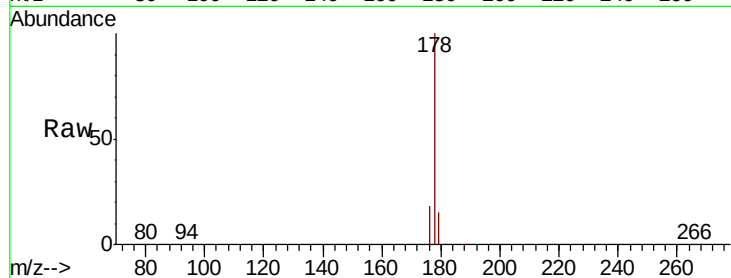
#12
Phenanthrene
Concen: 5.569 ng/ul
RT: 17.01 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BN008289.D
Acq: 21 Oct 2019 18:51

Instrument :
BNA_N
ClientSampleId :
BEPF4DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.4	15.4	23.2

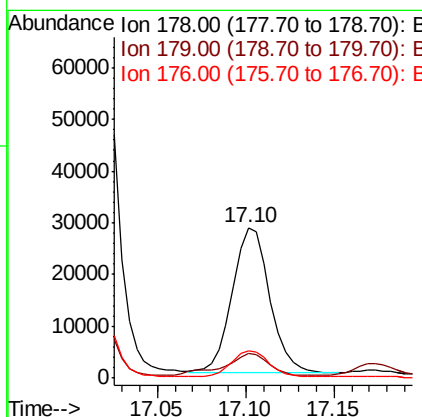
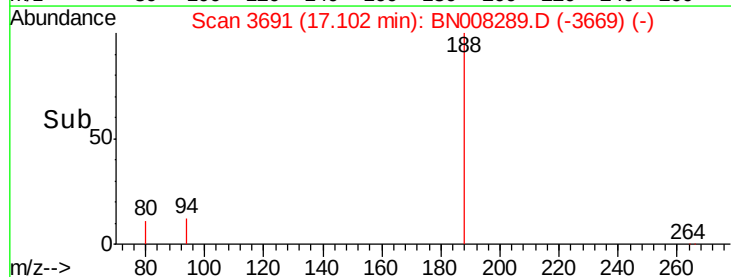
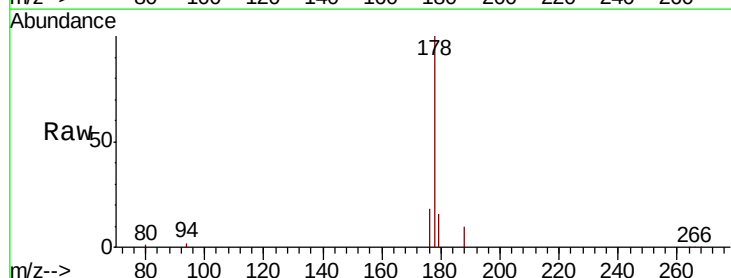
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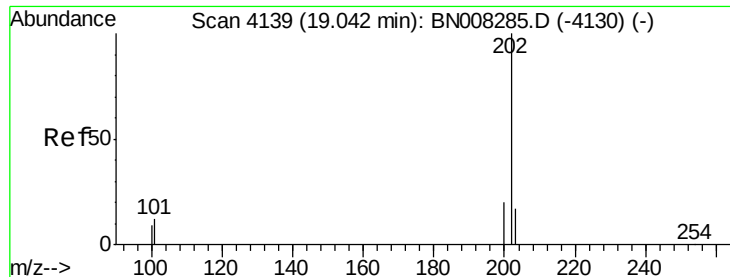
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#13
Anthracene
Concen: 1.163 ng/ul
RT: 17.10 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BN008289.D
Acq: 21 Oct 2019 18:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.0	19.6
176	18.5	15.0	22.6





#15

Fluoranthene

Concen: 7.125 ng/ul

RT: 19.04 min Scan# 4138

Delta R.T. -0.00 min

Lab File: BN008289.D

Acq: 21 Oct 2019 18:51

Instrument :

BNA_N

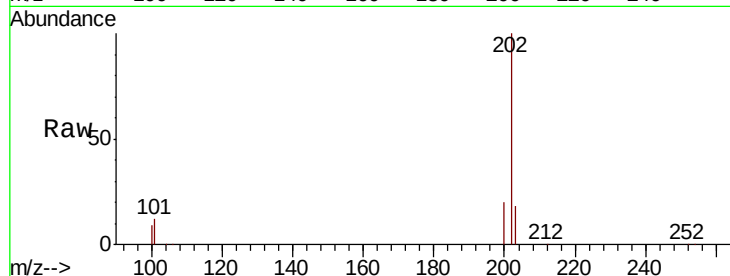
ClientSampleId :

BEPF4DL

Tot Ion:	202	Resp:	377050
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	31.2
100	9.2	0.0	28.5

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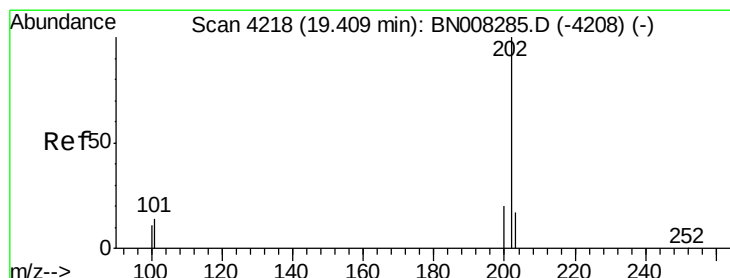
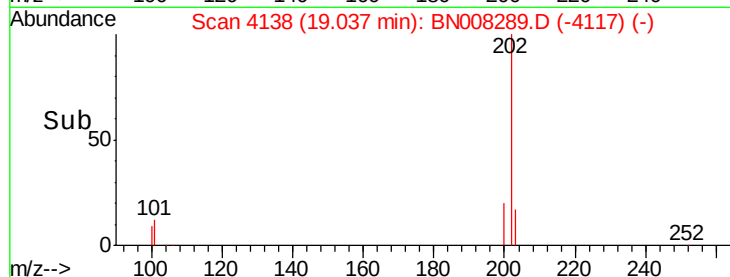
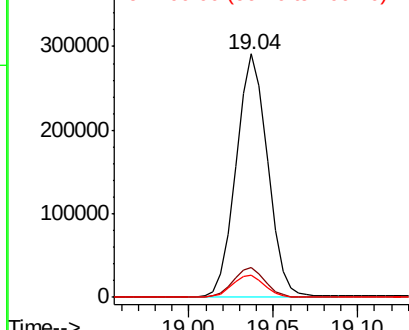


Abundance

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: 8.606 ng/ul

RT: 19.40 min Scan# 4217

Delta R.T. 0.00 min

Lab File: BN008289.D

Acq: 21 Oct 2019 18:51

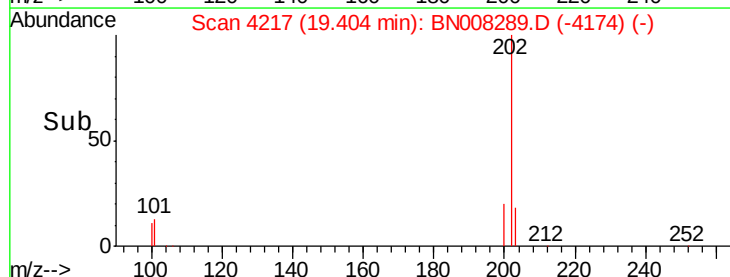
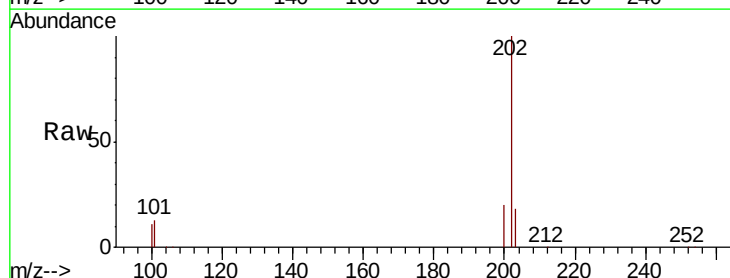
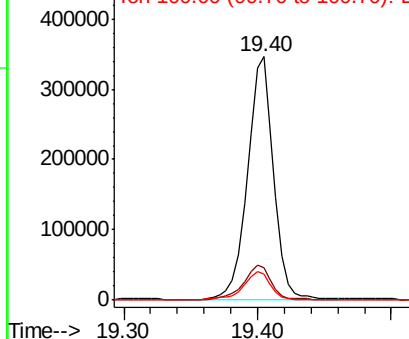
Tgt Ion:	202	Resp:	468841
Ion Ratio	Lower	Upper	
202	100		
101	13.4	10.9	16.3
100	10.7	8.7	13.1

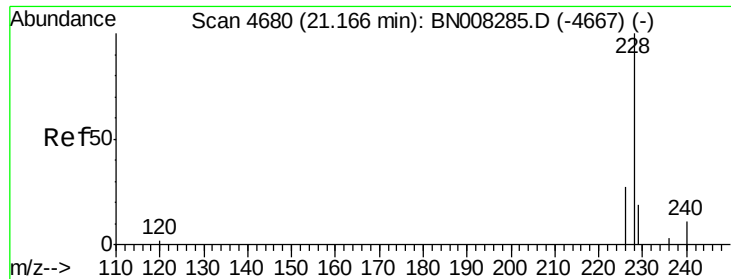
Abundance

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





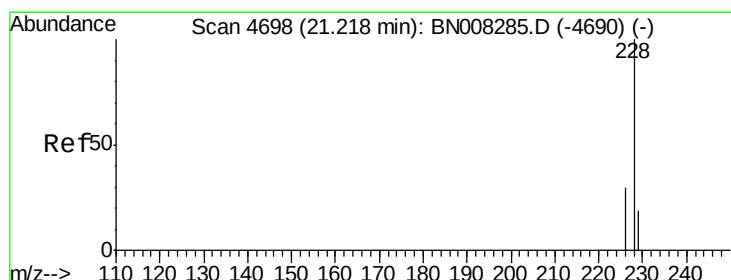
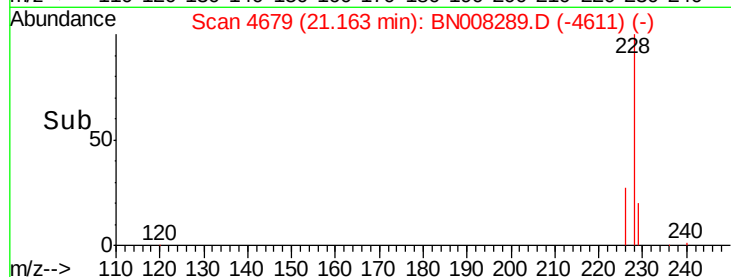
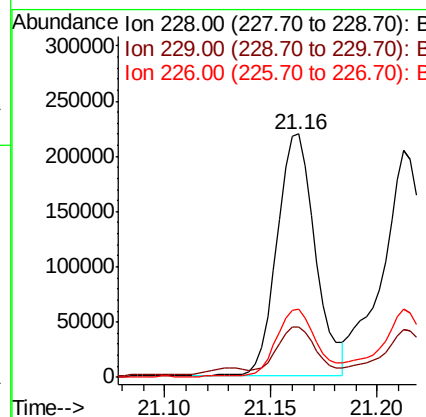
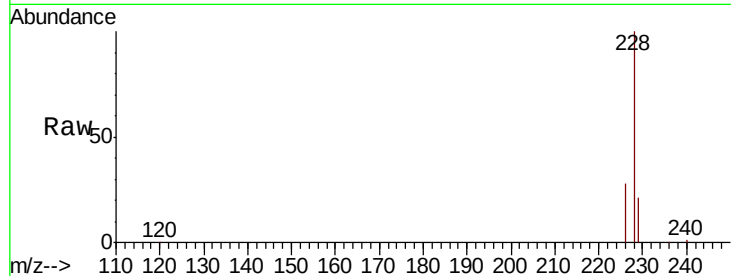
#18
Benzo(a)anthracene
Concen: 5.497 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008289.D
Acq: 21 Oct 2019 18:51

Instrument :
BNA_N
ClientSampled :
BEPF4DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.2	24.2
226	27.9	21.4	32.0

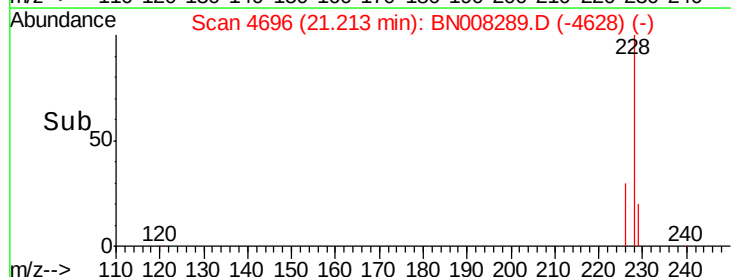
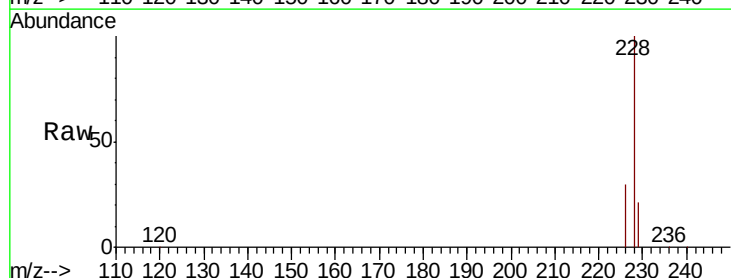
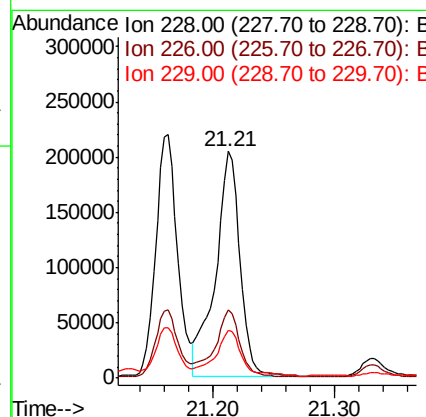
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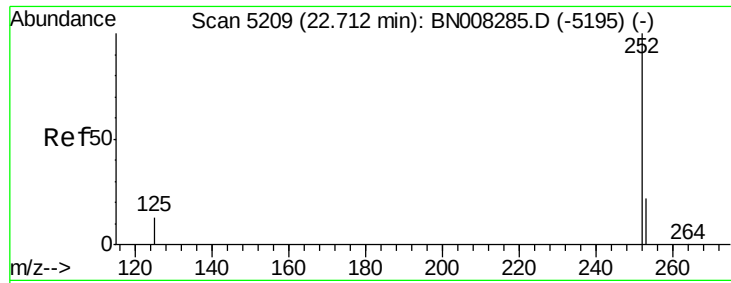
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#19
Chrysene
Concen: 4.692 ng/ul
RT: 21.21 min Scan# 4696
Delta R.T. -0.00 min
Lab File: BN008289.D
Acq: 21 Oct 2019 18:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	21.2	16.2	24.2





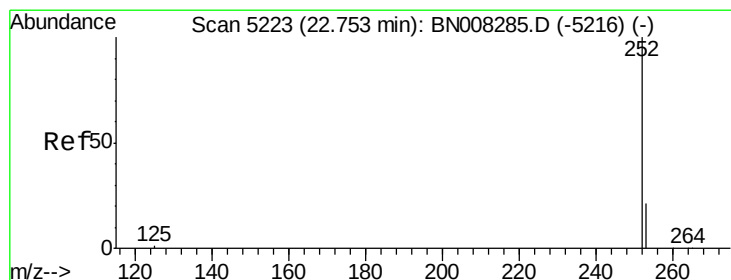
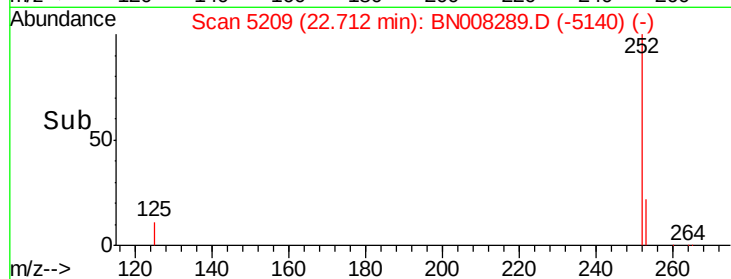
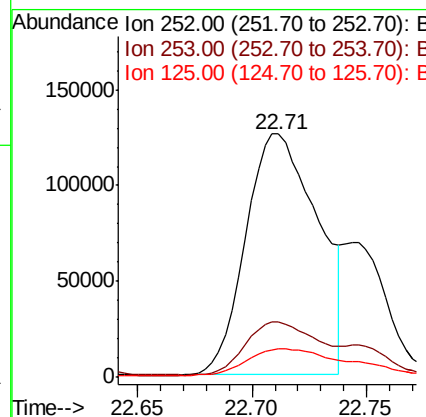
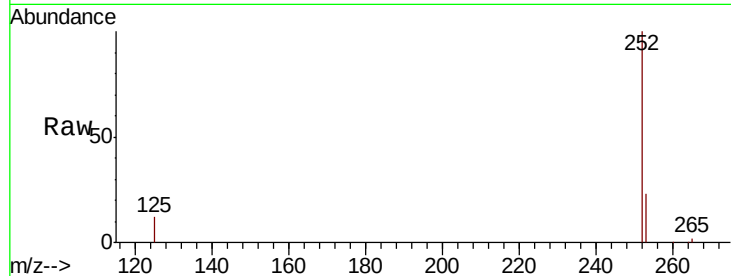
#21
Benzo(b)fluoranthene
Concen: 6.150 ng/ul m
RT: 22.71 min Scan# 5209
Delta R.T. 0.00 min
Lab File: BN008289.D
Acq: 21 Oct 2019 18:51

Instrument :
BNA_N
ClientSampleId :
BEPF4DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.0	0.0	53.4
125	11.7	0.0	32.4

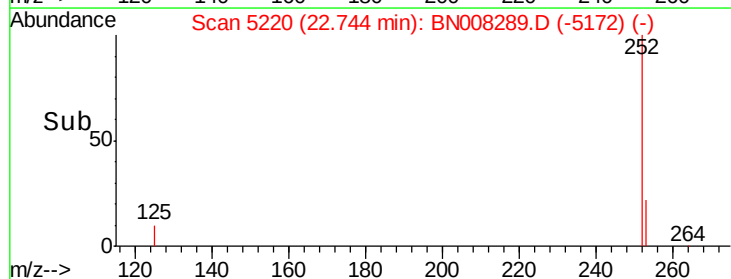
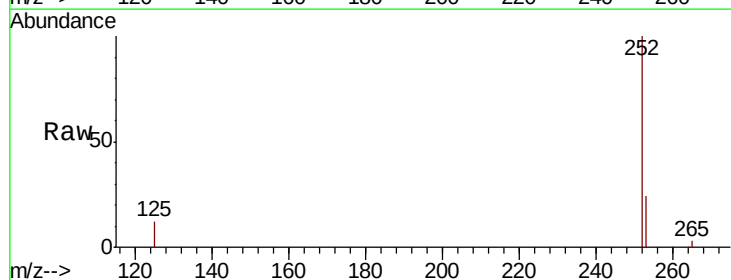
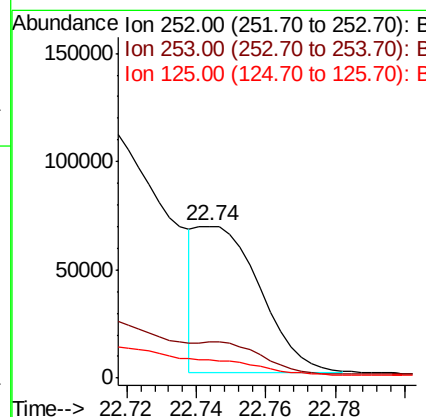
Manual Integrations
APPROVED

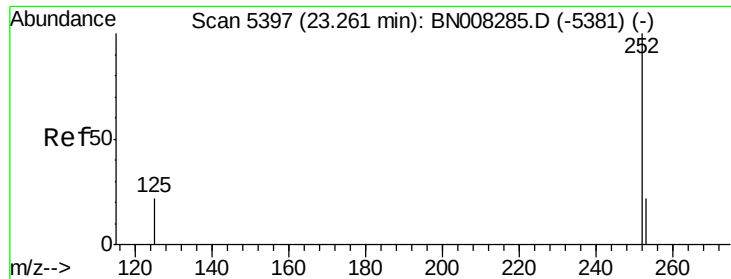
mohammad
10/22/2019 3:27:40 PM



#22
Benzo(k)fluoranthene
Concen: 1.684 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN008289.D
Acq: 21 Oct 2019 18:51

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.7	21.3	31.9
125	11.8	12.3	18.5#





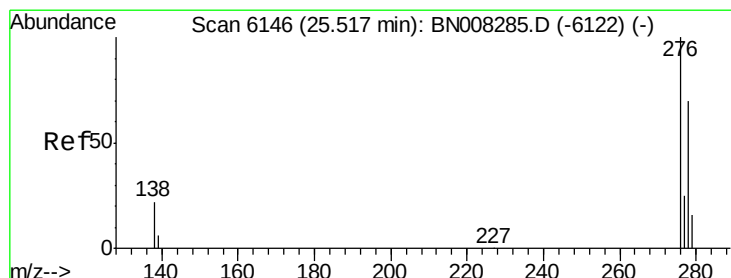
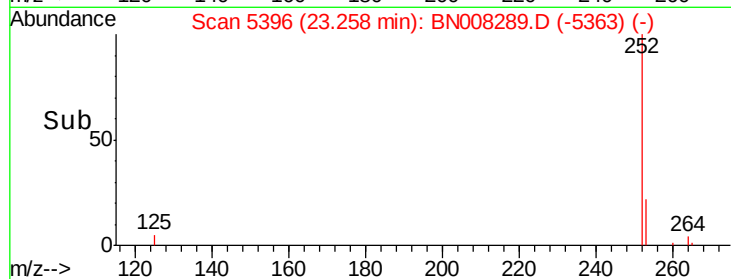
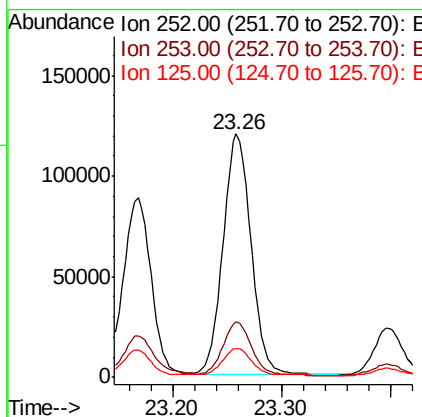
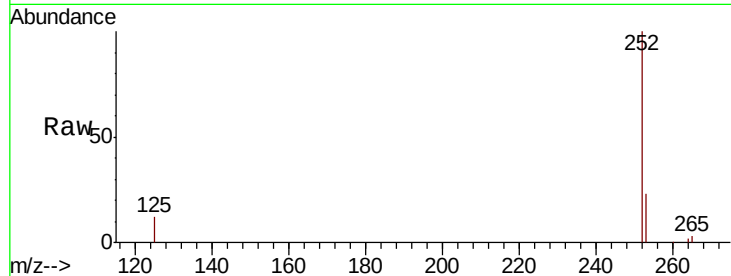
#23
Benzo(a)pyrene
Concen: 4.608 ng/ul
RT: 23.26 min Scan# 5396
Delta R.T. -0.00 min
Lab File: BN008289.D
Acq: 21 Oct 2019 18:51

Instrument :
BNA_N
ClientSampleId :
BEPF4DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	22.8	34.2#
125	12.0	18.4	27.6#

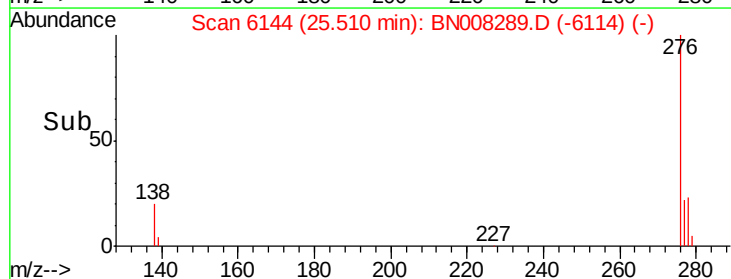
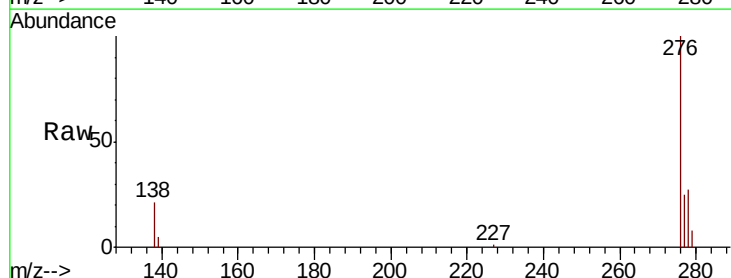
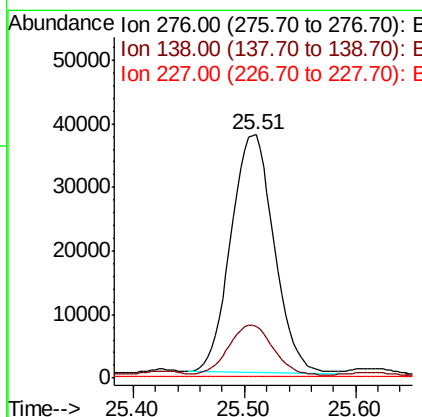
Manual Integrations
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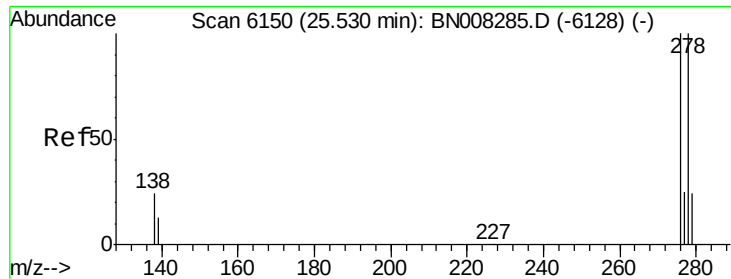
mohammad
10/22/2019 3:27:40 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 1.828 ng/ul
RT: 25.51 min Scan# 6144
Delta R.T. 0.00 min
Lab File: BN008289.D
Acq: 21 Oct 2019 18:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.1	24.1
227	0.2	0.2	0.2#





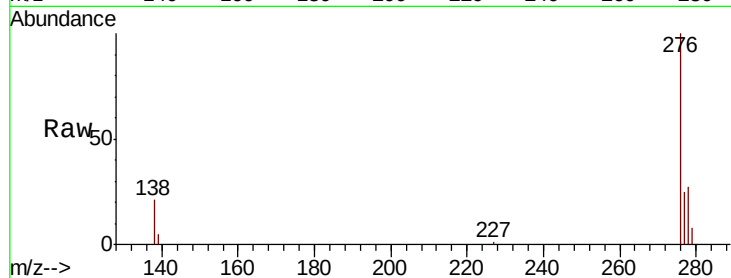
#25
Dibenzo(a,h)anthracene
Concen: 0.704 ng/ul
RT: 25.51 min Scan# 6144
Delta R.T. -0.01 min
Lab File: BN008289.D
Acq: 21 Oct 2019 18:51

Instrument :
BNA_N
ClientSampleId :
BEPF4DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.0	22.6
279	28.5	22.4	33.6

Manual Integrations
APPROVED

mohammad
10/22/2019 3:27:40 PM

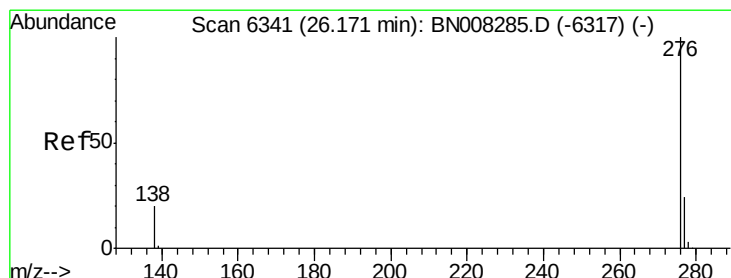
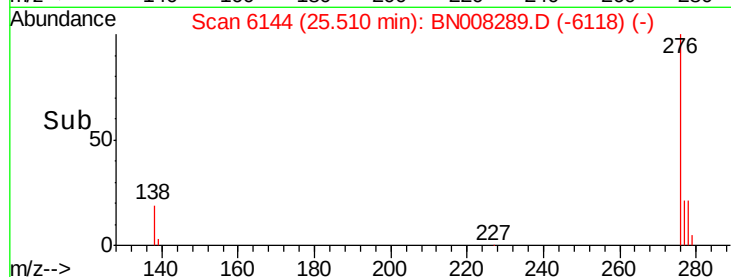
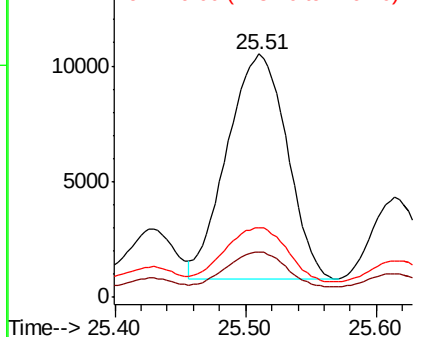


Abundance

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: 2.034 ng/ul
RT: 26.16 min Scan# 6339
Delta R.T. -0.00 min
Lab File: BN008289.D
Acq: 21 Oct 2019 18:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	17.0	25.4
277	24.5	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

