

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008296.D
 Acq On : 21 Oct 2019 23:02
 Operator : JU
 Sample : K5199-21
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPH1

Manual Integrations
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mohammad
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Quant Time: Oct 22 00:48:04 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	7.58	152	2069	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	10014	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	6219	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	13664m	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	12936	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	11302	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	4765	0.28	ng/ul	-0.01
14) Fluoranthene-d10	19.01	212	14201	0.30	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	5594	0.196	ng/ul	99
5) 2-Methylnaphthalene	12.02	142	2989	0.153	ng/ul	100
7) Acenaphthylene	13.94	152	14566	0.492	ng/ul	99
8) Acenaphthene	14.28	153	6206	0.269	ng/ul	98
9) Fluorene	15.28	166	8388	0.321	ng/ul	98
11) Pentachlorophenol	16.64	266	91	0.028	ng/ul	92
12) Phenanthrene	17.01	178	201496	5.037	ng/ul	99
13) Anthracene	17.10	178	39388	1.119	ng/ul	99
15) Fluoranthene	19.04	202	467081	8.840	ng/ul	99
17) Pyrene	19.40	202	463728	9.003	ng/ul	98
18) Benzo(a)anthracene	21.16	228	285233	6.065	ng/ul	98
19) Chrysene	21.21	228	292803	5.073	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	312179m	8.485	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	108666m	2.607	ng/ul	
23) Benzo(a)pyrene	23.26	252	212658	5.493	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.50	276	116544	2.556	ng/ul	99
25) Dibenzo(a,h)anthracene	25.51	278	32095	0.890	ng/ul	98
26) Benzo(g,h,i)perylene	26.16	276	90295	2.159	ng/ul	99

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

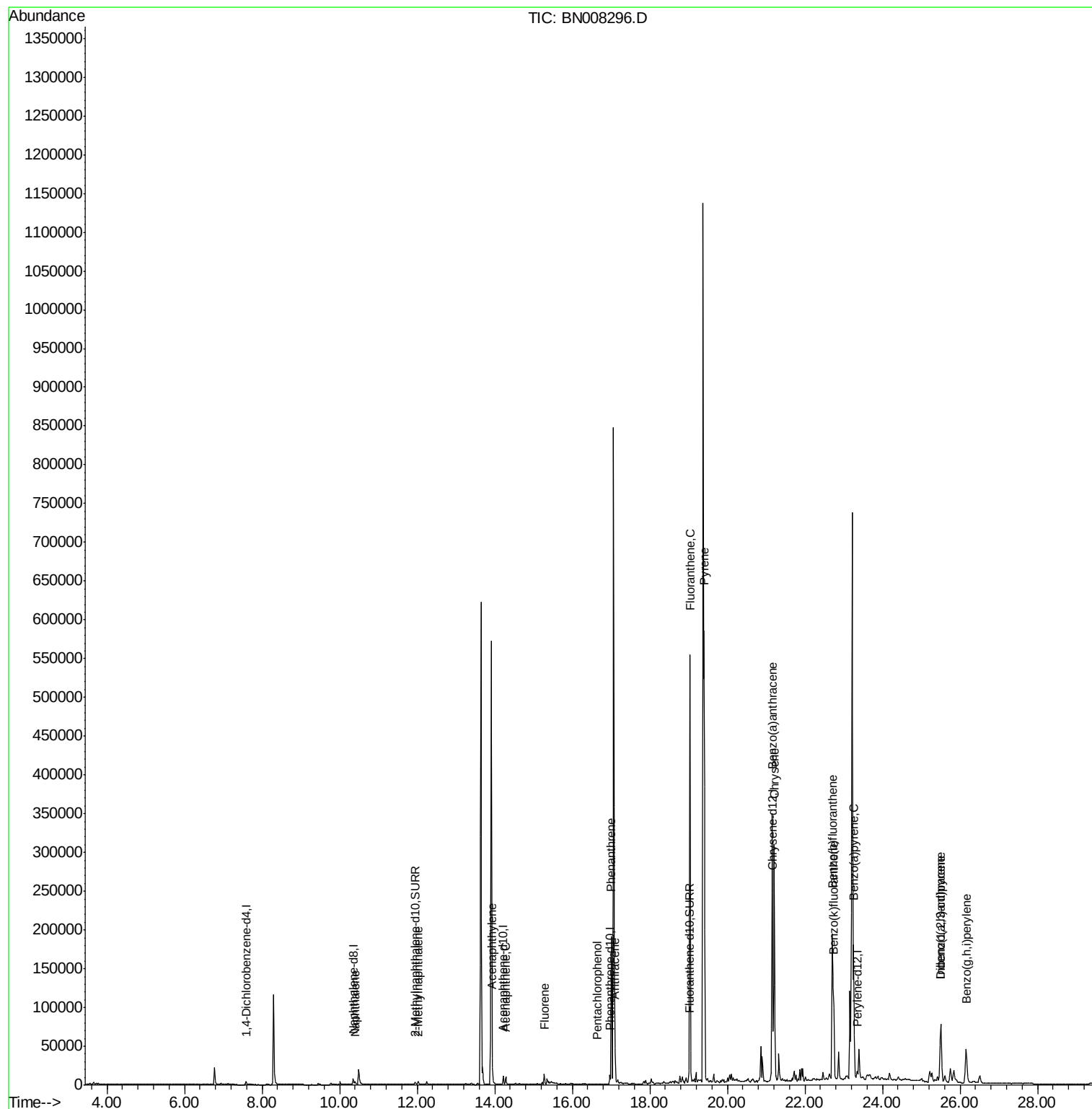
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008296.D
Acq On : 21 Oct 2019 23:02
Operator : JU
Sample : K5199-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

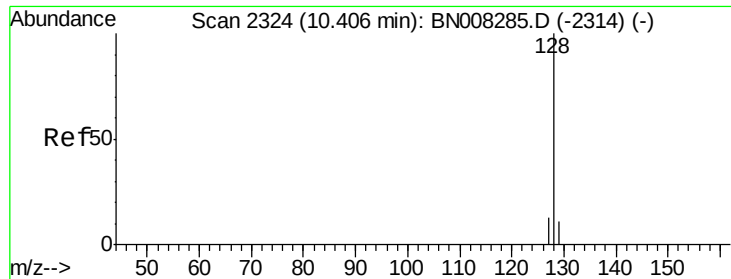
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Mon Oct 21 23:58:15 2019
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#3

Naphthalene

Concen: 0.196 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BN008296.D

Acq: 21 Oct 2019 23:02

Instrument :

BNA_N

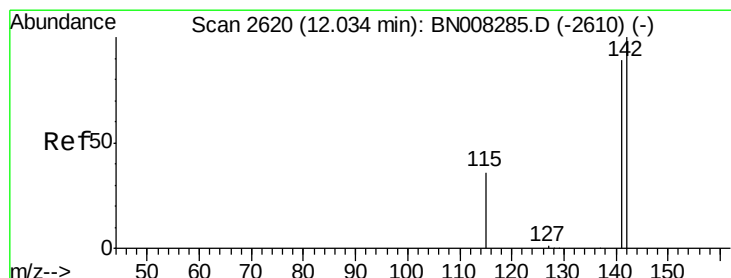
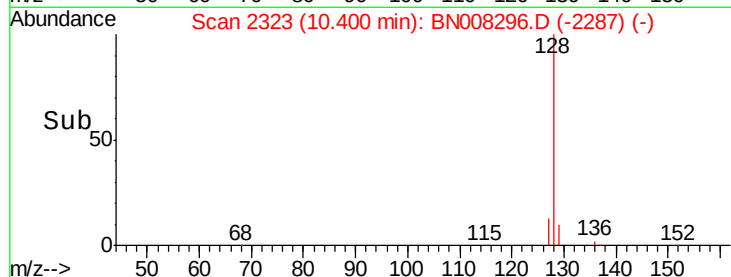
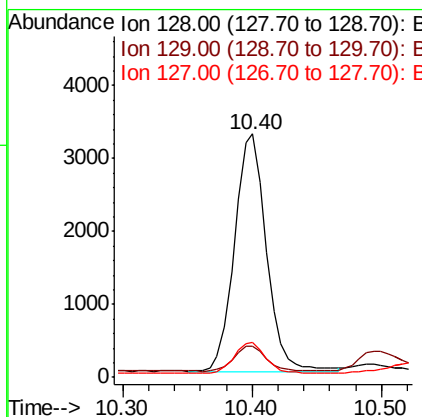
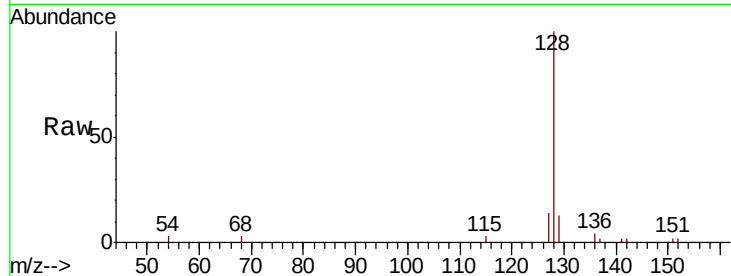
ClientSampleId :

BEPH1

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.8	14.8
127	14.2	11.1	16.7

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#5

2-Methylnaphthalene

Concen: 0.153 ng/ul

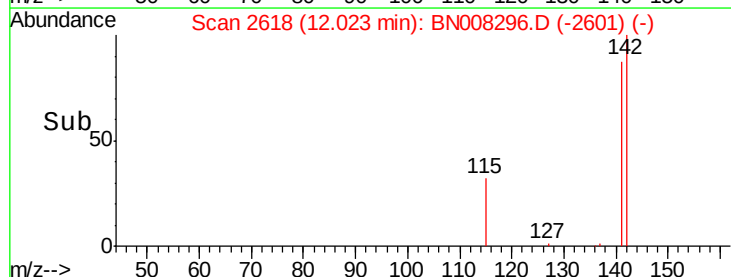
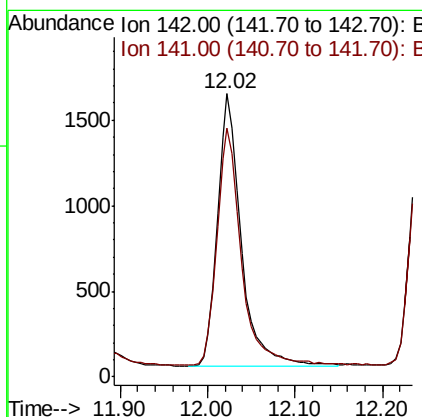
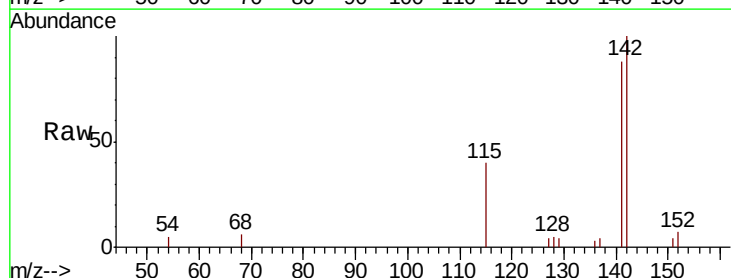
RT: 12.02 min Scan# 2618

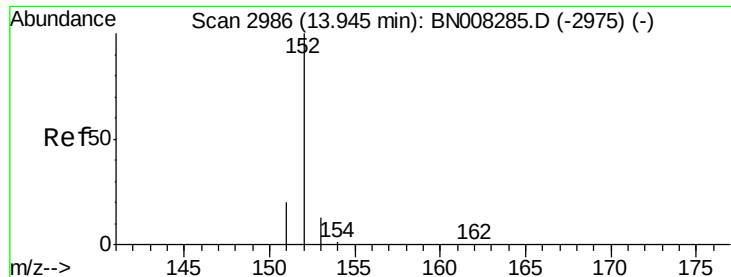
Delta R.T. -0.01 min

Lab File: BN008296.D

Acq: 21 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2





#7

Acenaphthylene

Concen: 0.492 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BN008296.D

Acq: 21 Oct 2019 23:02

Instrument :

BNA_N

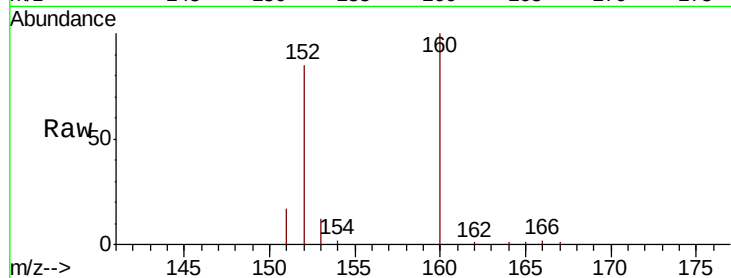
ClientSampleId :

BEPH1

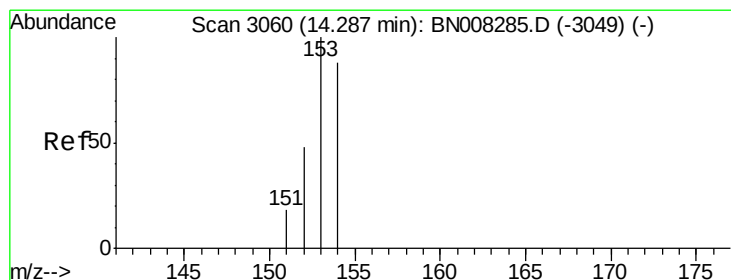
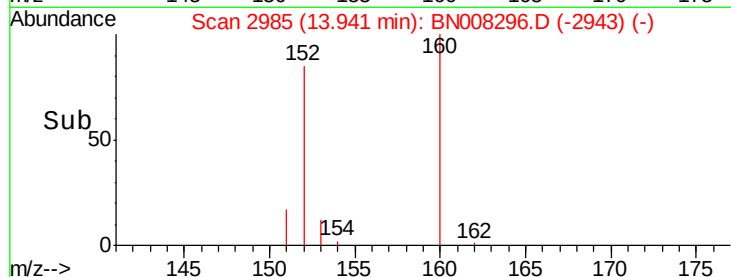
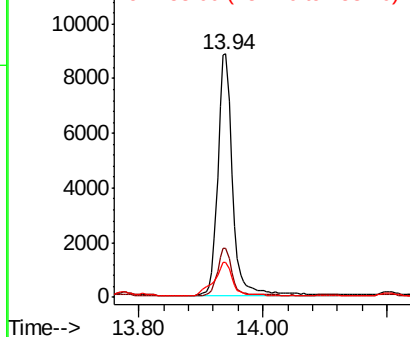
Tot Ion:	152	Resp:	14566
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.4
153	14.4	11.0	16.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.269 ng/ul

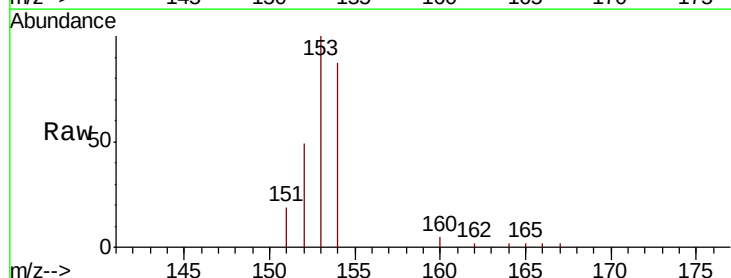
RT: 14.28 min Scan# 3059

Delta R.T. -0.00 min

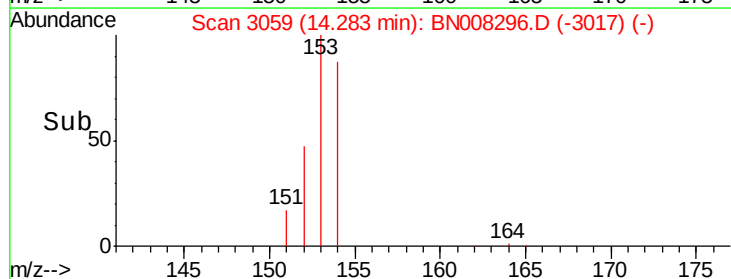
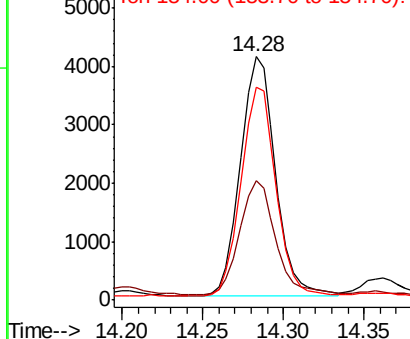
Lab File: BN008296.D

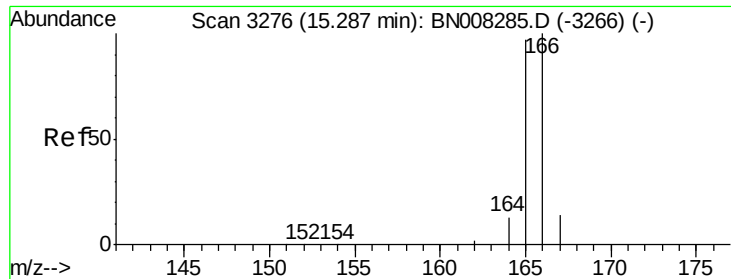
Acq: 21 Oct 2019 23:02

Tgt Ion:	153	Resp:	6206
Ion Ratio	Lower	Upper	
153	100		
152	49.0	38.2	57.2
154	87.4	71.8	107.8



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





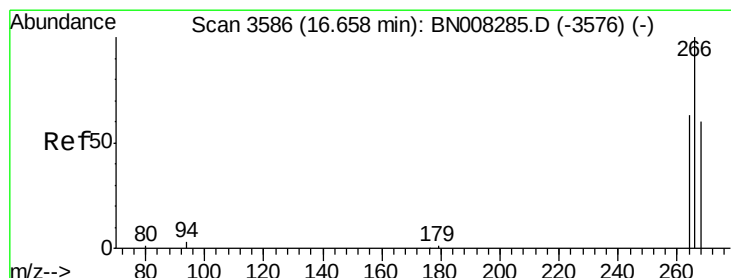
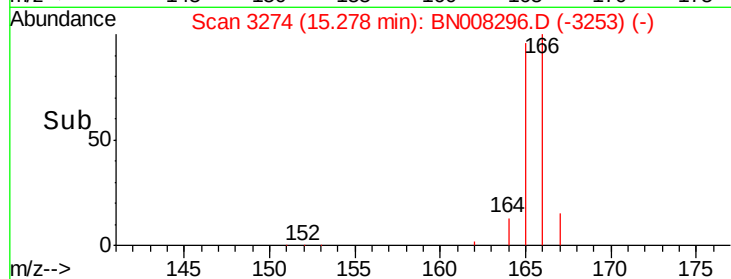
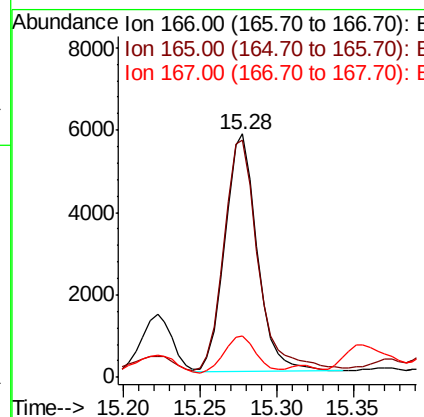
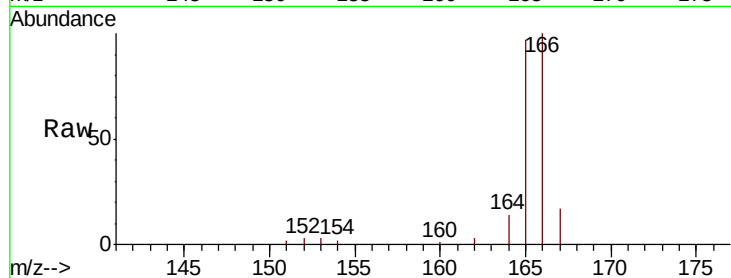
#9
Fluorene
 Concen: 0.321 ng/ul
 RT: 15.28 min Scan# 3274
 Delta R.T. -0.00 min
 Lab File: BN008296.D
 Acq: 21 Oct 2019 23:02

Instrument :
 BNA_N
 ClientSampleId :
 BEPH1

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.5	76.6	115.0
167	17.3	11.7	17.5

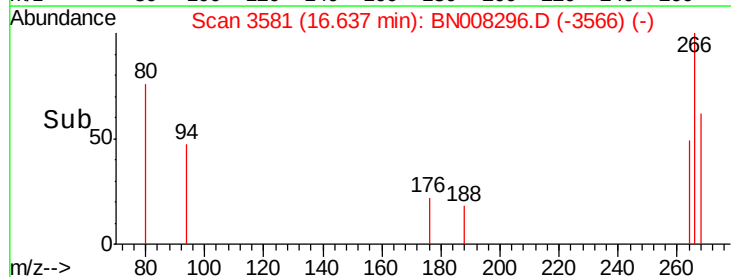
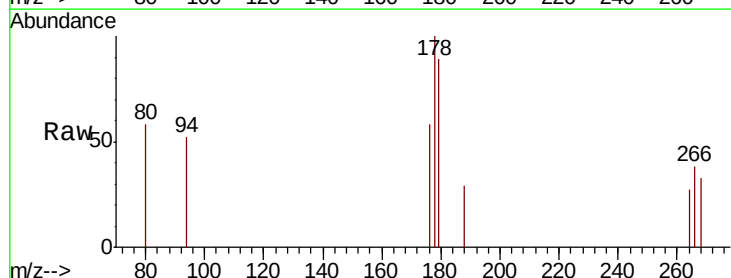
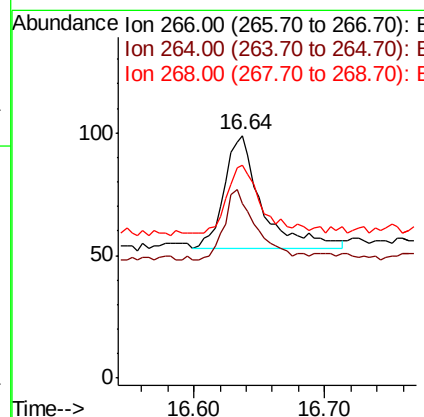
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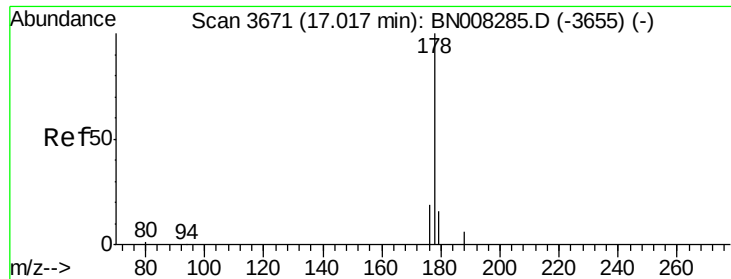
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#11
Pentachlorophenol
 Concen: 0.028 ng/ul
 RT: 16.64 min Scan# 3581
 Delta R.T. -0.04 min
 Lab File: BN008296.D
 Acq: 21 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
266	100		
264	56.0	50.1	75.1
268	59.3	51.9	77.9





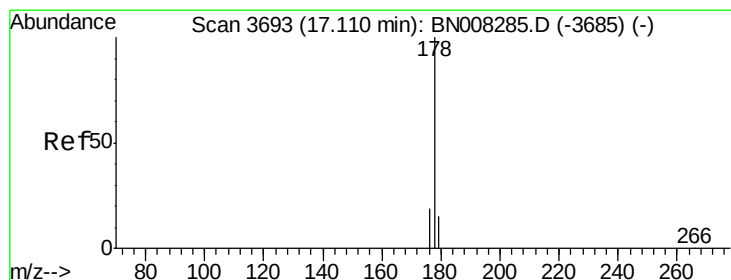
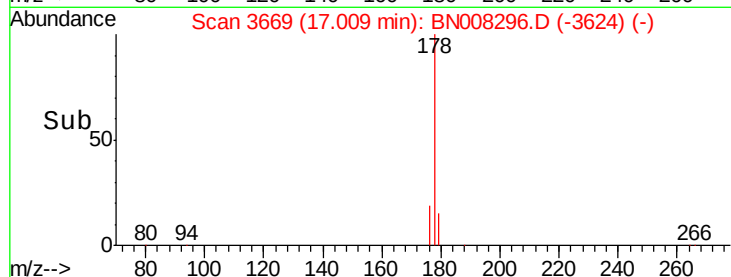
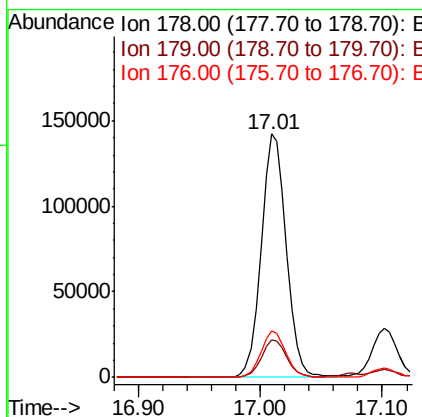
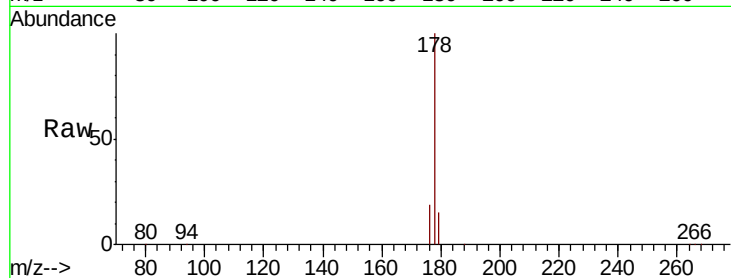
#12
Phenanthrene
Concen: 5.037 ng/ul
RT: 17.01 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BN008296.D
Acq: 21 Oct 2019 23:02

Instrument :
BNA_N
ClientSampleId :
BEPH1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	18.8	15.4	23.2

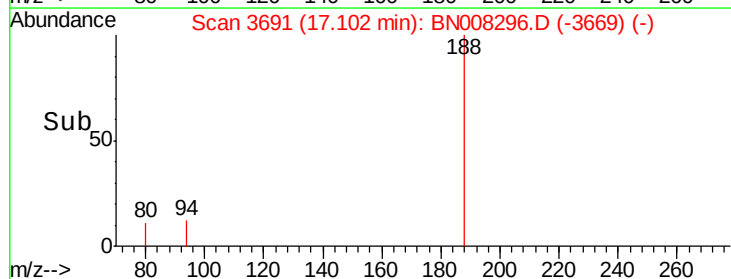
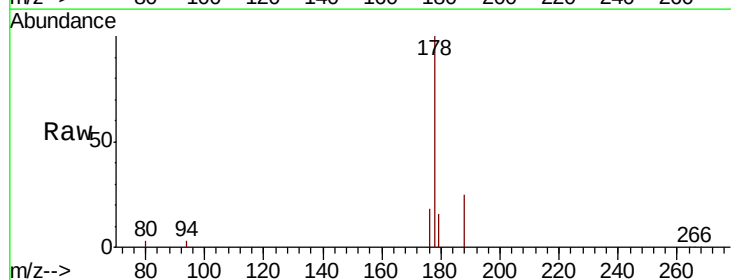
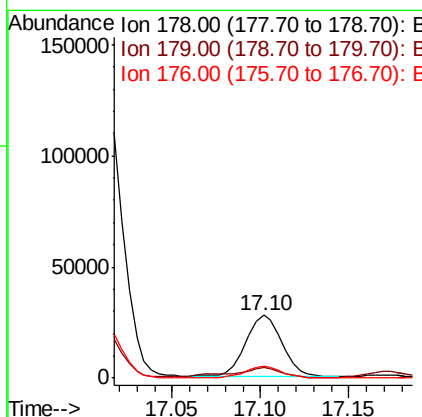
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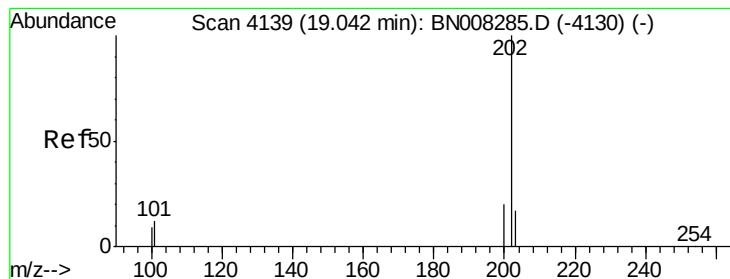
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#13
Anthracene
Concen: 1.119 ng/ul
RT: 17.10 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BN008296.D
Acq: 21 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.0	19.6
176	18.3	15.0	22.6





#15

Fluoranthene

Concen: 8.840 ng/ul

RT: 19.04 min Scan# 4138

Delta R.T. -0.00 min

Lab File: BN008296.D

Acq: 21 Oct 2019 23:02

Instrument :

BNA_N

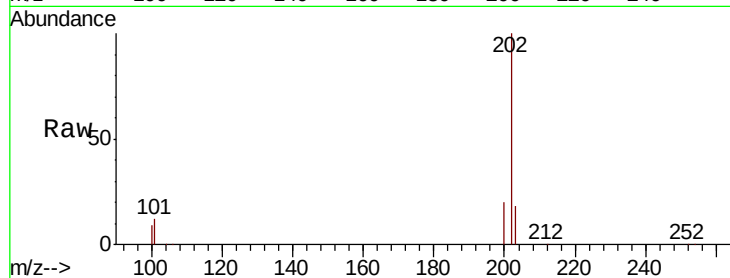
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BEPH1

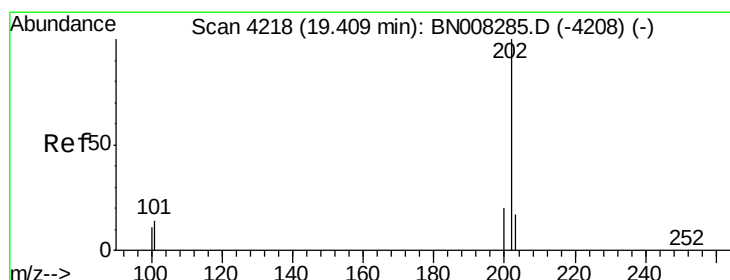
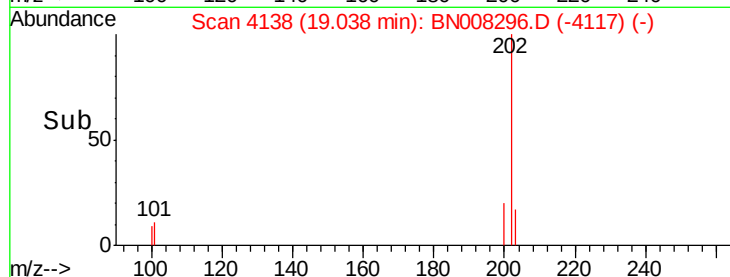
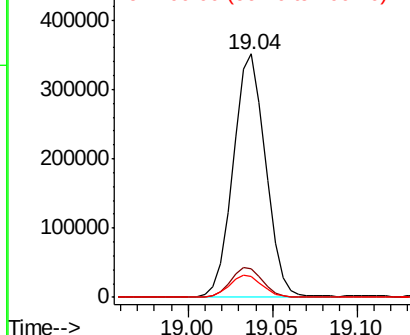
Tot Ion:	202	Resp:	467081
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	31.2
100	8.7	0.0	28.5

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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: 9.003 ng/ul

RT: 19.40 min Scan# 4216

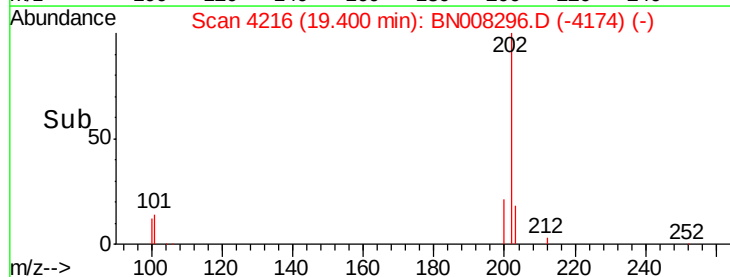
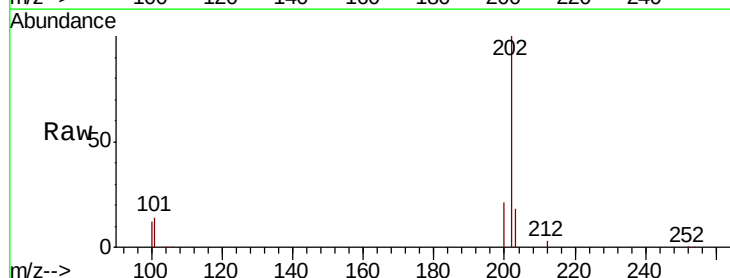
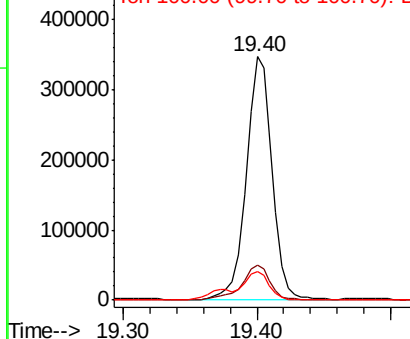
Delta R.T. -0.00 min

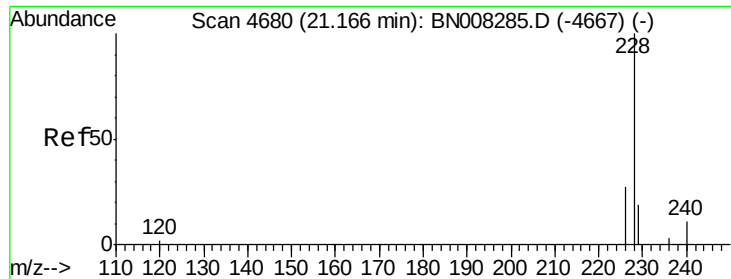
Lab File: BN008296.D

Acq: 21 Oct 2019 23:02

Tgt Ion:	202	Resp:	463728
Ion Ratio	Lower	Upper	
202	100		
101	14.5	10.9	16.3
100	11.9	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





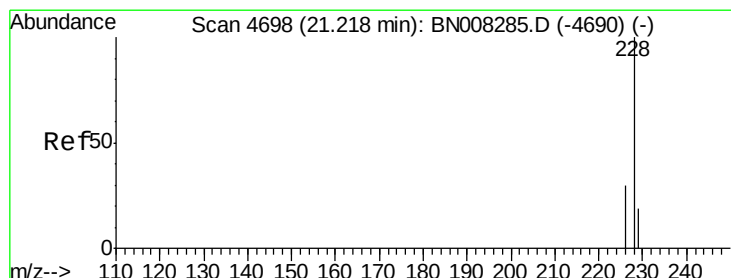
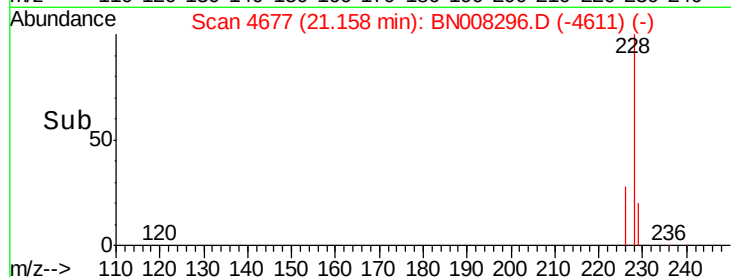
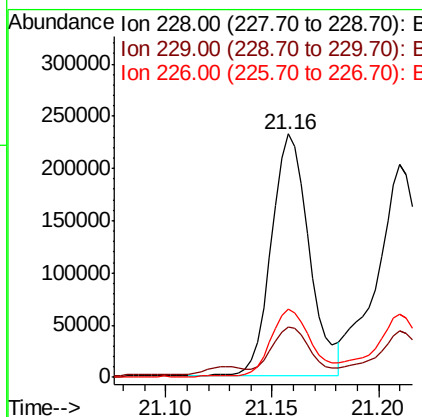
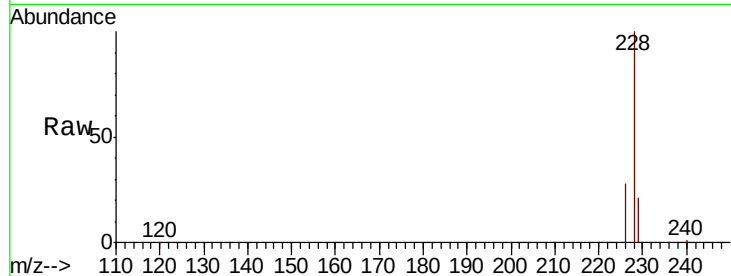
#18
Benzo(a)anthracene
Concen: 6.065 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. -0.01 min
Lab File: BN008296.D
Acq: 21 Oct 2019 23:02

Instrument :
BNA_N
ClientSampleId :
BEPH1

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.2	24.2
226	28.1	21.4	32.0

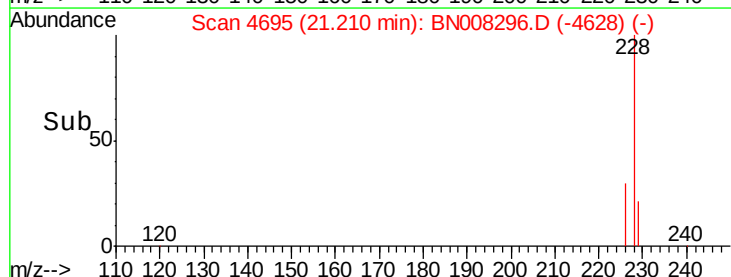
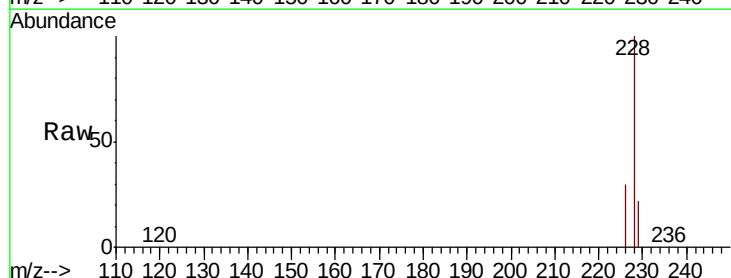
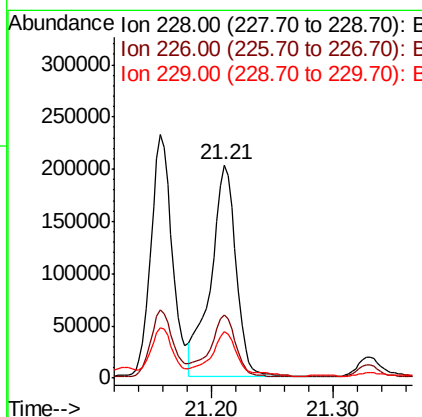
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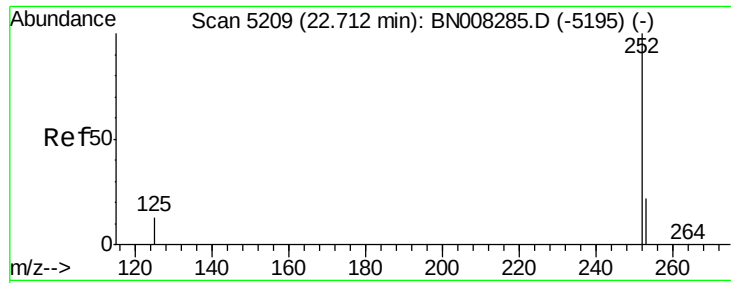
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#19
Chrysene
Concen: 5.073 ng/ul
RT: 21.21 min Scan# 4695
Delta R.T. -0.01 min
Lab File: BN008296.D
Acq: 21 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	21.7	16.2	24.2





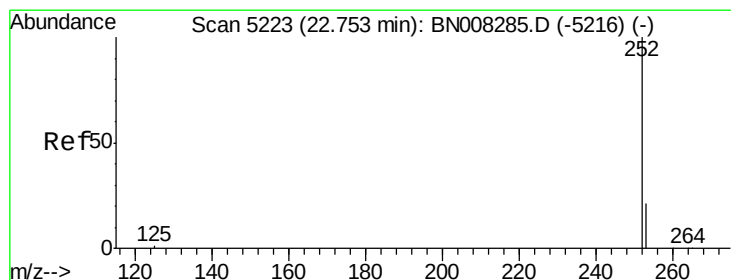
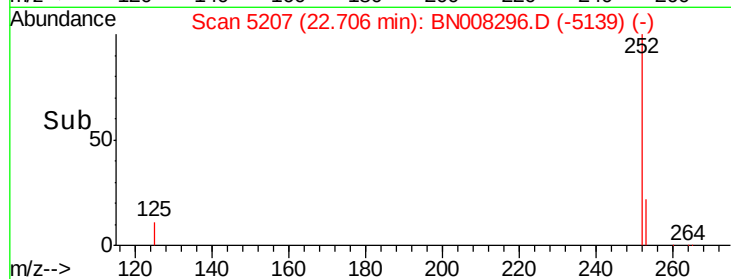
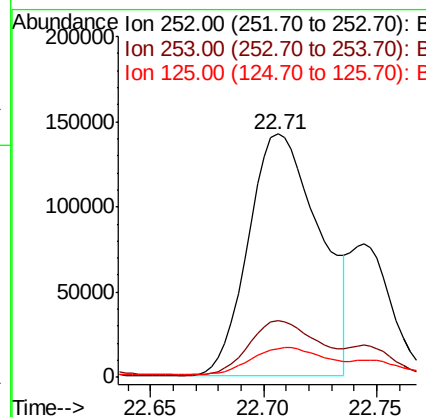
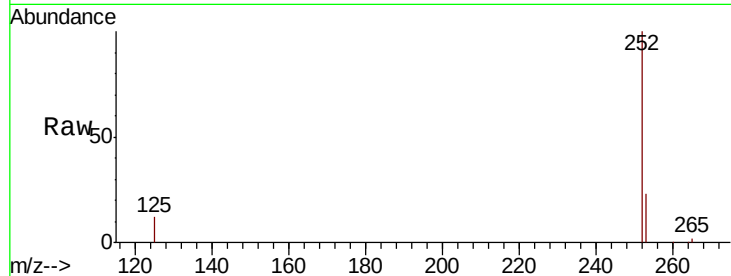
#21
Benzo(b)fluoranthene
Concen: 8.485 ng/ul m
RT: 22.71 min Scan# 5207
Delta R.T. -0.00 min
Lab File: BN008296.D
Acq: 21 Oct 2019 23:02

Instrument :
BNA_N
ClientSampleId :
BEPH1

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	0.0	53.4
125	11.8	0.0	32.4

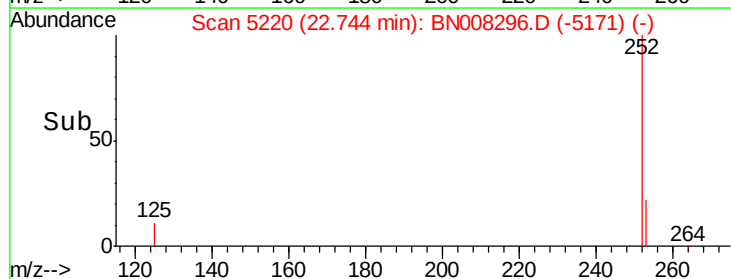
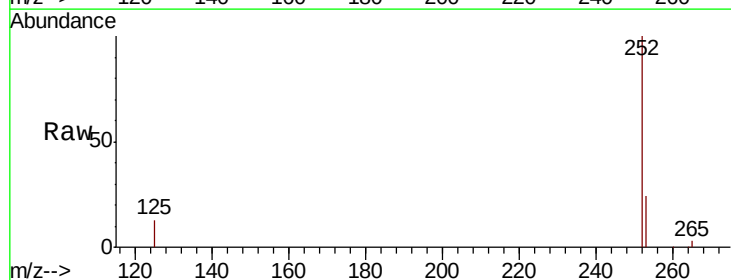
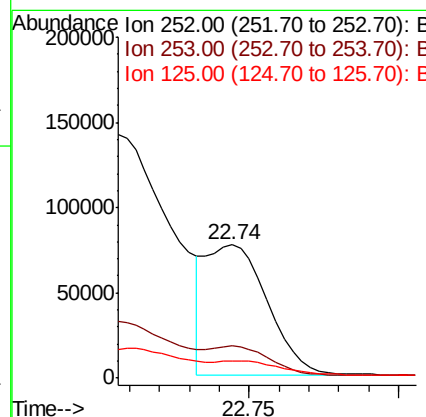
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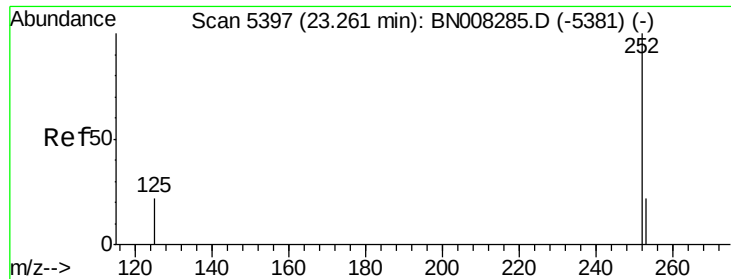
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#22
Benzo(k)fluoranthene
Concen: 2.607 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN008296.D
Acq: 21 Oct 2019 23:02

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.2	21.3	31.9
125	12.8	12.3	18.5





#23

Benzo(a)pyrene

Concen: 5.493 ng/ul

RT: 23.26 min Scan# 5395

Delta R.T. -0.01 min

Lab File: BN008296.D

Acq: 21 Oct 2019 23:02

Instrument :

BNA_N

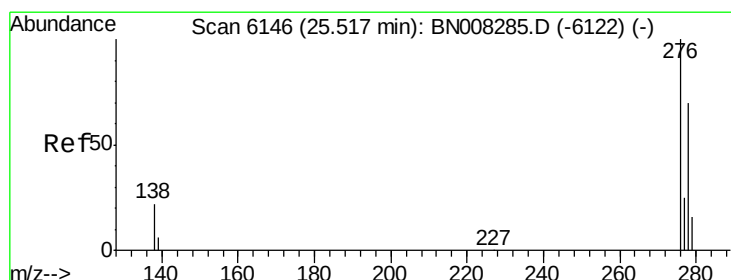
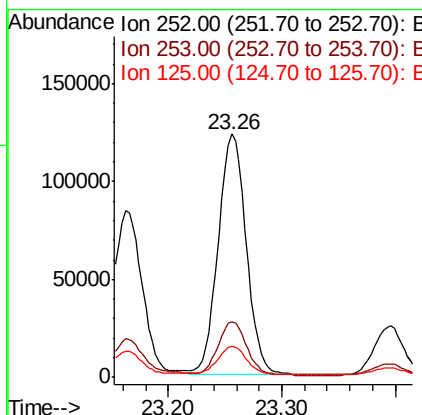
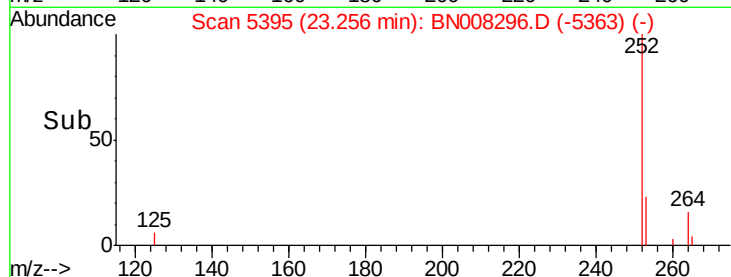
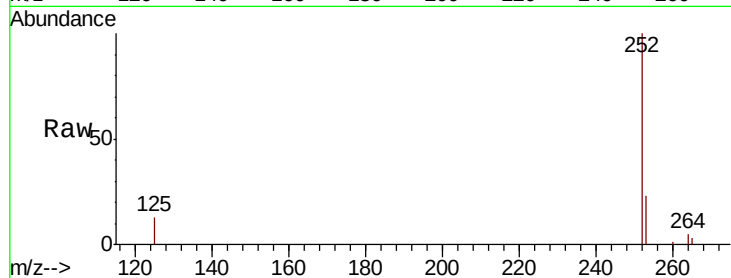
ClientSampleId :

BEPH1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	22.8	34.2
125	12.8	18.4	27.6#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 2.556 ng/ul

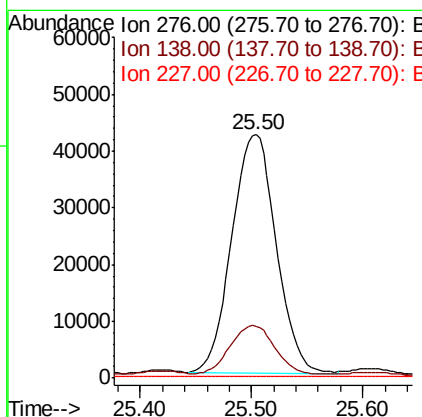
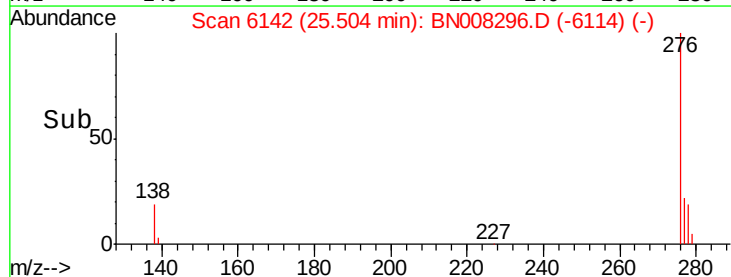
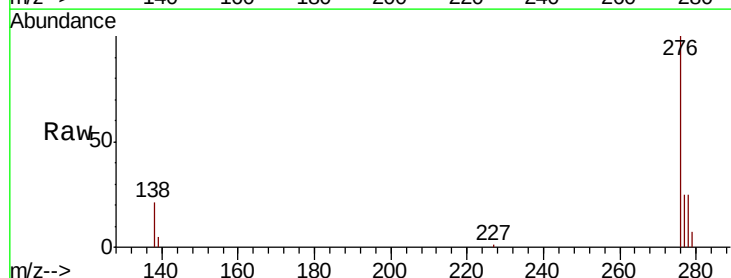
RT: 25.50 min Scan# 6142

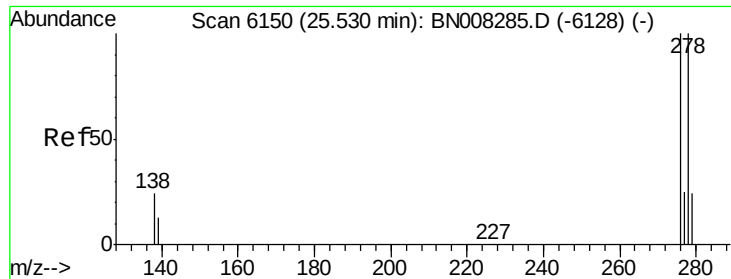
Delta R.T. -0.01 min

Lab File: BN008296.D

Acq: 21 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.1	24.1
227	0.2	0.2	0.2





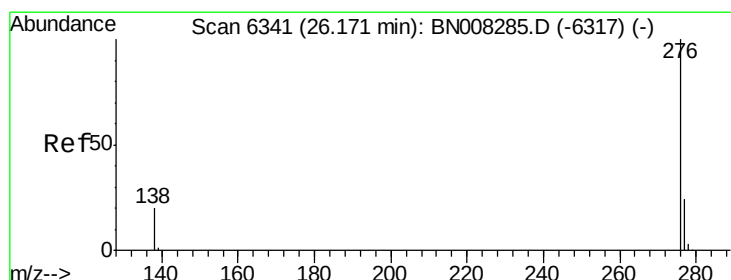
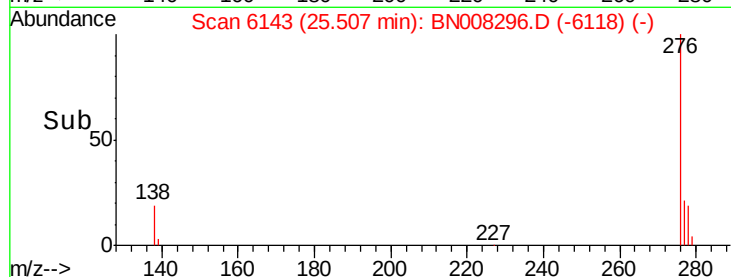
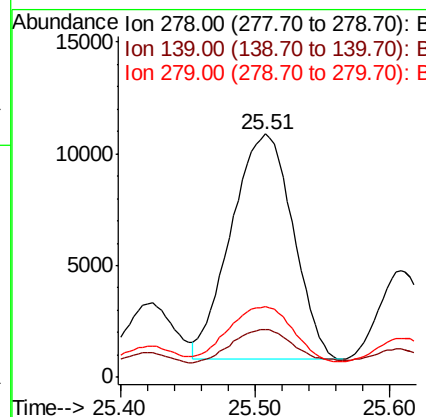
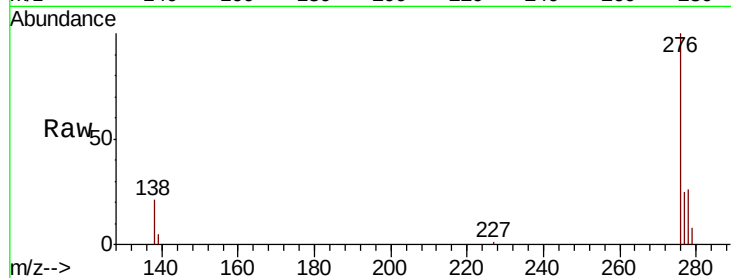
#25
Dibenzo(a,h)anthracene
Concen: 0.890 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.02 min
Lab File: BN008296.D
Acq: 21 Oct 2019 23:02

Instrument :
BNA_N
ClientSampleId :
BEPH1

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.0	22.6
279	29.1	22.4	33.6

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 2.159 ng/ul
RT: 26.16 min Scan# 6337
Delta R.T. -0.01 min
Lab File: BN008296.D
Acq: 21 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	17.0	25.4
277	24.8	20.4	30.6

