

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042718\
 Data File : BN000987.D
 Acq On : 28 Apr 2018 05:54
 Operator : JU/SJ
 Sample : J2274-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B17

Manual Integrations
 APPROVED

Sohil
 4/30/2018 7:06:05 PM

Quant Time: Apr 28 06:53:09 2018
 Quant Method : Z:\HPCHEM1\BNA N\Methods\SOM-EPA-BN041918-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 28 03:58:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	151954	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	664673	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	338903	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	638588	20.00	ng/ul	0.00
18) Chrysene-d12	21.21	240	484754	20.00	ng/ul	0.00
23) Perylene-d12	23.40	264	505802	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.01	165	377739	39.94	ng/ul	0.00
7) Acenaphthylene-d8	13.95	160	1260339	38.64	ng/ul	0.00
10) Fluorene-d10	15.25	176	853353	39.04	ng/ul	0.00
15) Anthracene-d10	17.10	188	1143295	38.72	ng/ul	0.00
19) Pyrene-d10	19.40	212	1075033	44.07	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.27	264	1046792	43.89	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	10.43	128	44560	1.324	ng/ul	99
8) Acenaphthylene	13.97	152	51922	1.607	ng/ul	97
14) Phenanthrene	17.05	178	124063	3.556	ng/ul	99
16) Anthracene	17.13	178	52585	1.491	ng/ul	98
17) Fluoranthene	19.07	202	219078	6.387	ng/ul#	77
20) Pyrene	19.43	202	297586	9.696	ng/ul#	70
21) Benzo(a)anthracene	21.19	228	152857m	5.293	ng/ul	
22) Chrysene	21.25	228	152506	5.583	ng/ul	97
24) Benzo(b)fluoranthene	22.75	252	164104	5.609	ng/ul#	94
25) Benzo(k)fluoranthene	22.79	252	49360m	1.748	ng/ul	
27) Benzo(a)pyrene	23.31	252	145124	5.184	ng/ul#	95
28) Indeno(1,2,3-cd)pyrene	25.58	276	80912	2.588	ng/ul#	87
30) Benzo(a,h,i)perylene	26.24	276	76250	2.945	ng/ul#	84

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

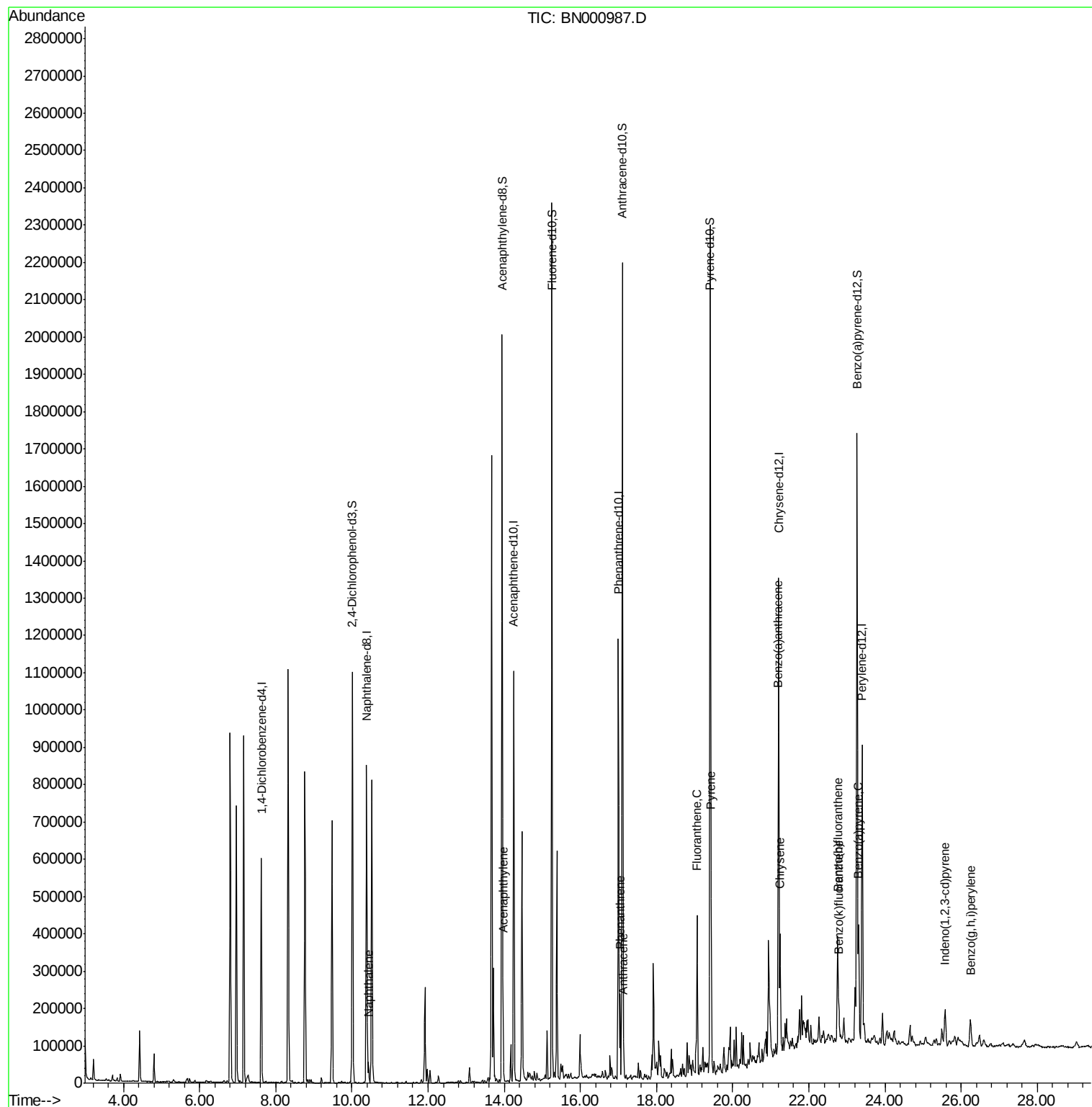
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042718\
Data File : BN000987.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

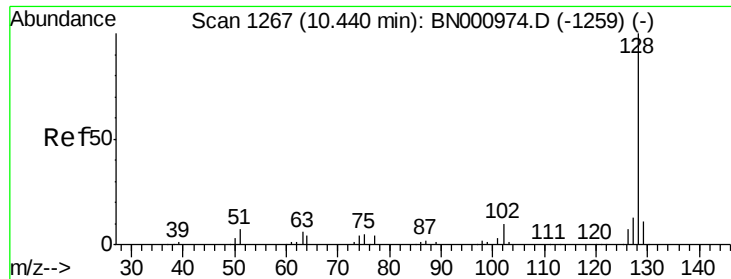
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Quant Time: Apr 28 06:53:09 2018
Quant Method : Z:\HPCHEM1\BNA N\Methods\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 28 03:58:06 2018
Response via : Initial Calibration





#4

Naphthalene

Concen: 1.324 ng/ul

RT: 10.43 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BN000987.D

Acq: 28 Apr 2018 05:54

Instrument :

BNA_N

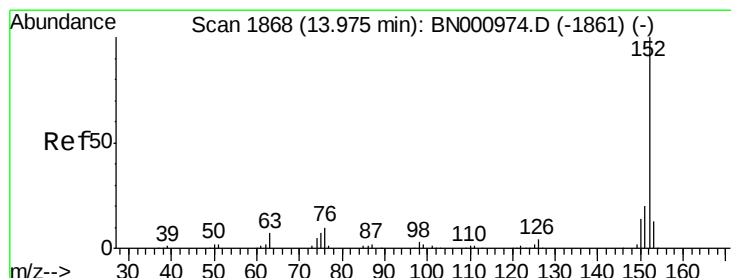
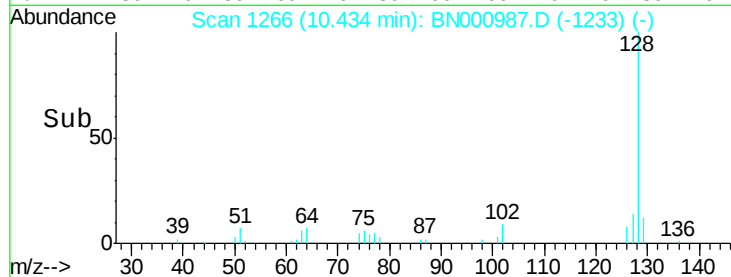
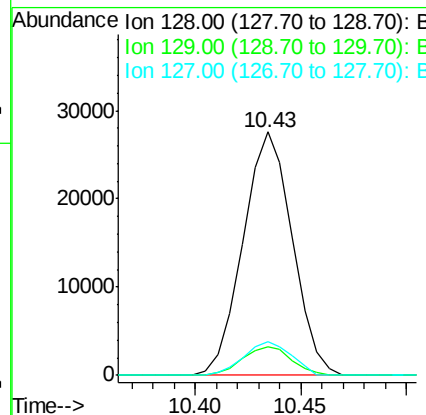
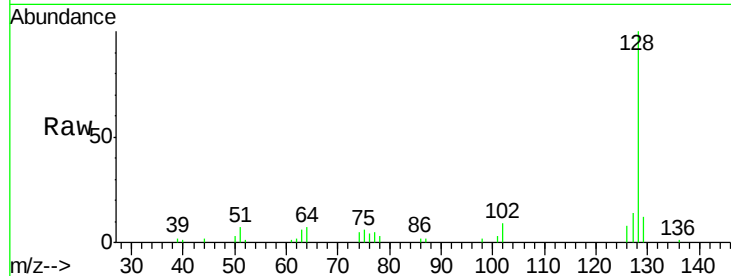
ClientSampleId :

C0B17

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.9	10.6	16.0

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#8

Acenaphthylene

Concen: 1.607 ng/ul

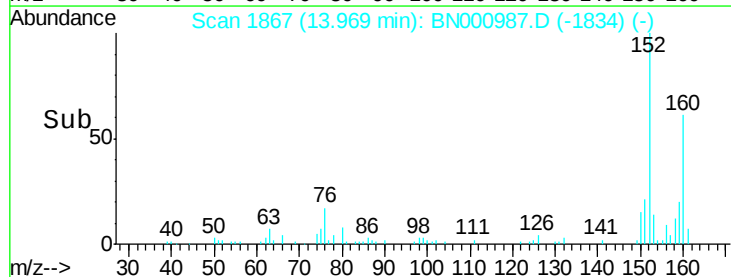
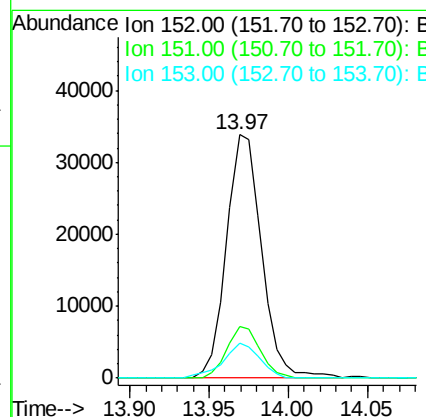
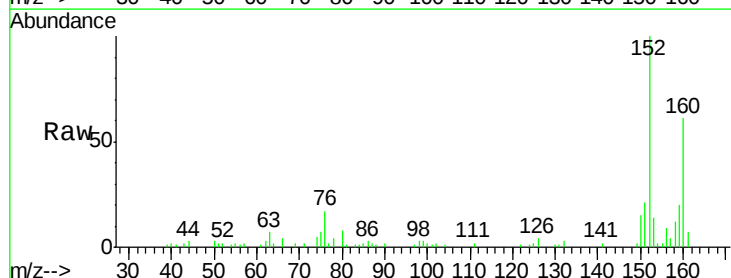
RT: 13.97 min Scan# 1867

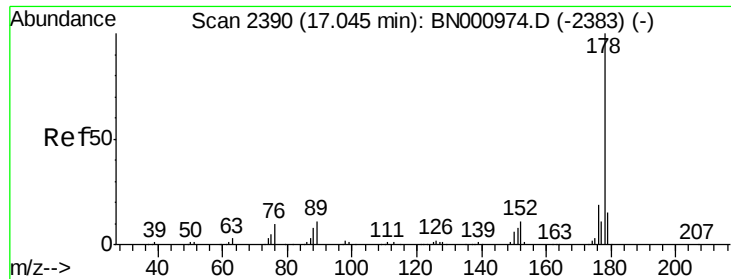
Delta R.T. -0.01 min

Lab File: BN000987.D

Acq: 28 Apr 2018 05:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.3	24.5
153	14.4	10.2	15.4





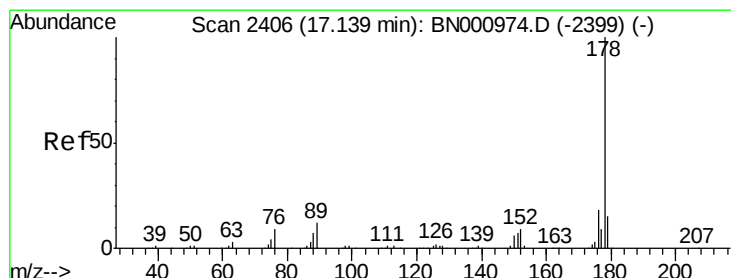
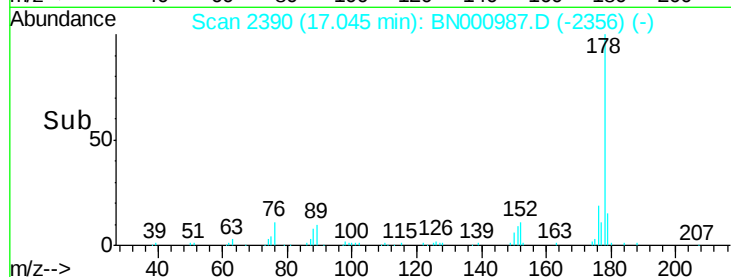
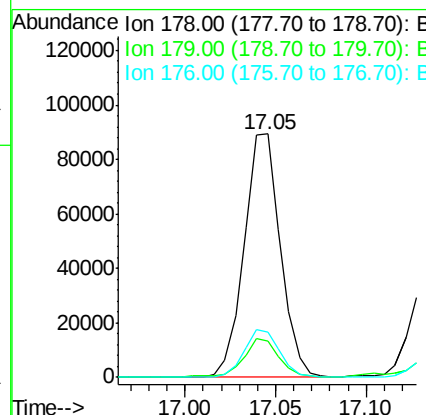
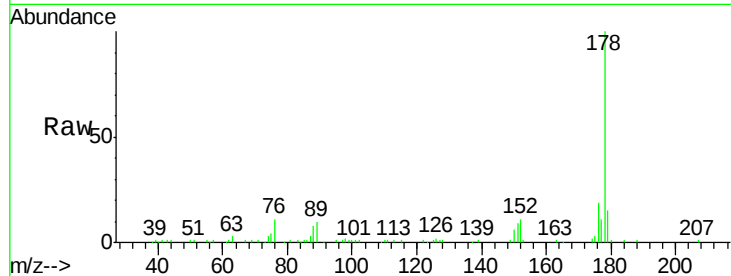
#14
Phenanthrene
Concen: 3.556 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BN000987.D
Acq: 28 Apr 2018 05:54

Instrument :
BNA_N
ClientSampleId :
C0B17

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.6	19.0
176	18.6	14.9	22.3

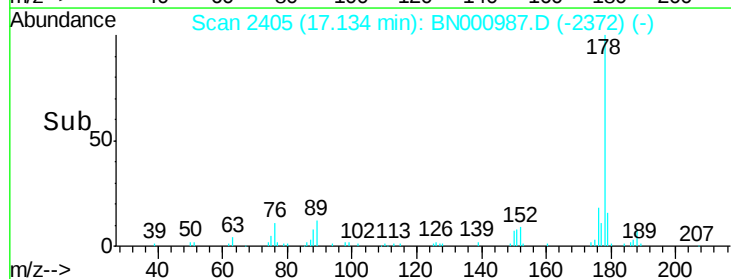
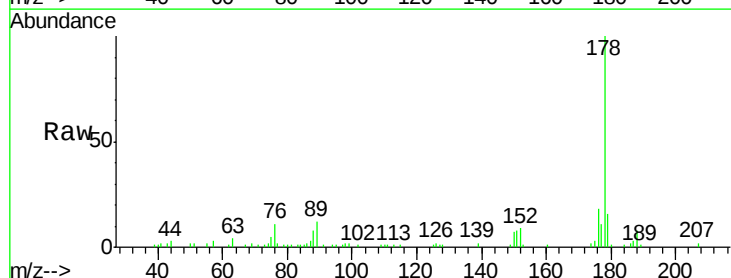
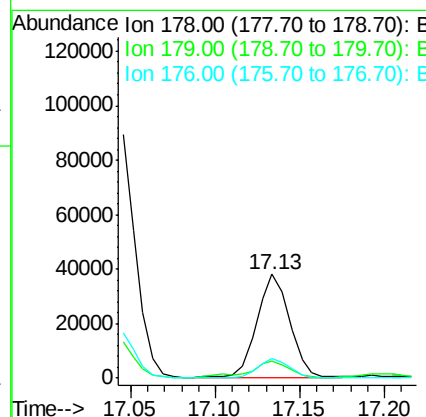
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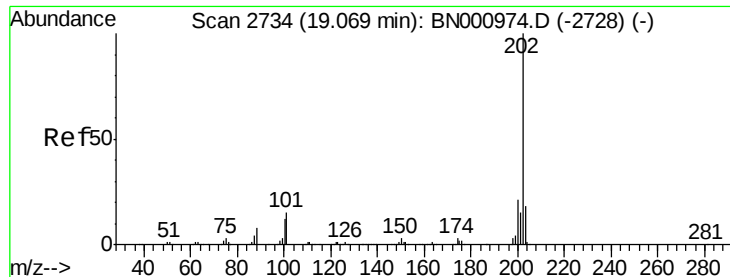
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#16
Anthracene
Concen: 1.491 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BN000987.D
Acq: 28 Apr 2018 05:54

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.7	17.5
176	18.3	14.6	21.8





#17

Fluoranthene

Concen: 6.387 ng/ul

RT: 19.07 min Scan# 2734

Delta R.T. 0.00 min

Lab File: BN000987.D

Acq: 28 Apr 2018 05:54

Instrument :

BNA_N

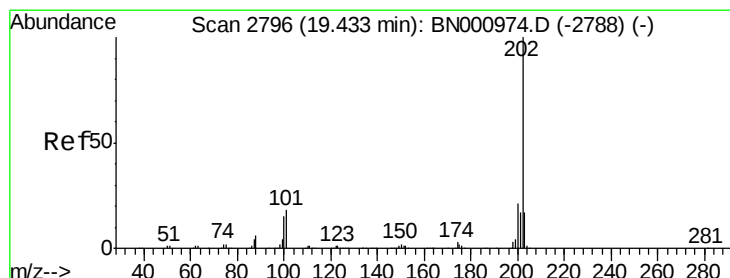
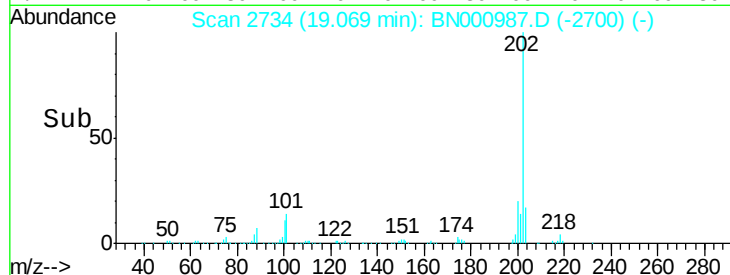
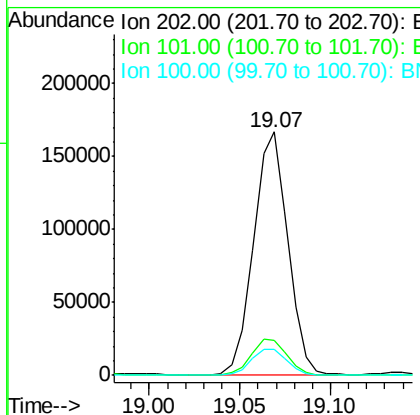
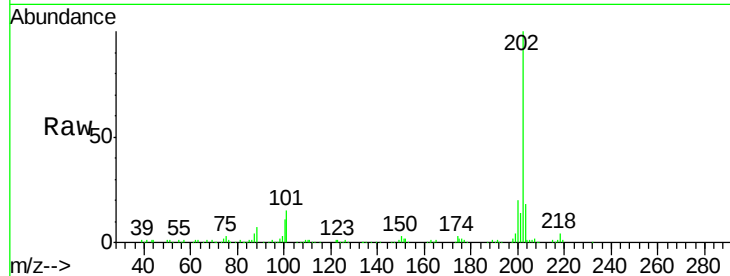
ClientSampled :

C0B17

Tot Ion:	202	Resp:	219078
Ion Ratio	Lower	Upper	
202	100		
101	14.6	4.6	7.0#
100	10.7	3.4	5.2#

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#20

Pyrene

Concen: 9.696 ng/ul

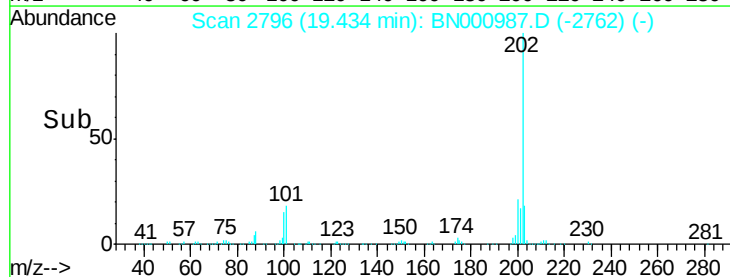
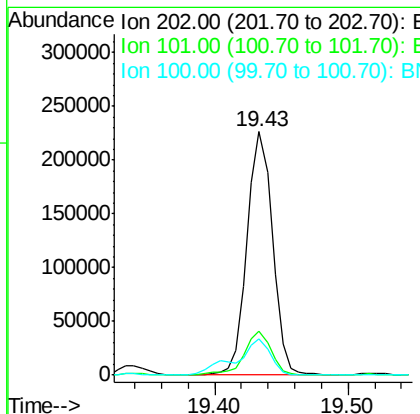
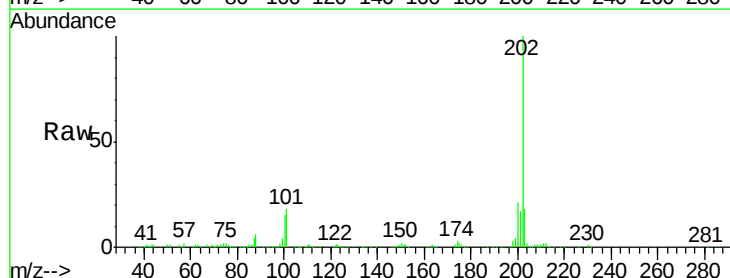
RT: 19.43 min Scan# 2796

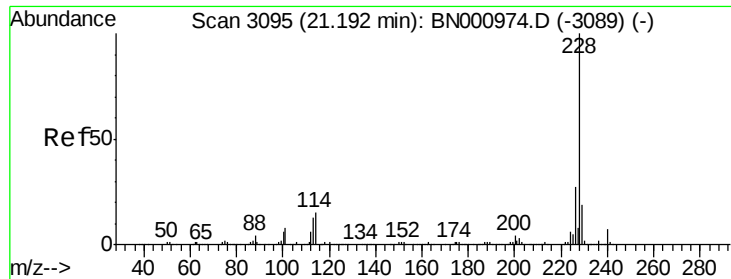
Delta R.T. 0.00 min

Lab File: BN000987.D

Acq: 28 Apr 2018 05:54

Tgt Ion:	202	Resp:	297586
Ion Ratio	Lower	Upper	
202	100		
101	18.0	5.1	7.7#
100	14.7	4.9	7.3#





#21

Benzo(a)anthracene

Concen: 5.293 ng/ul m

RT: 21.19 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BN000987.D

Acq: 28 Apr 2018 05:54

Instrument :

BNA_N

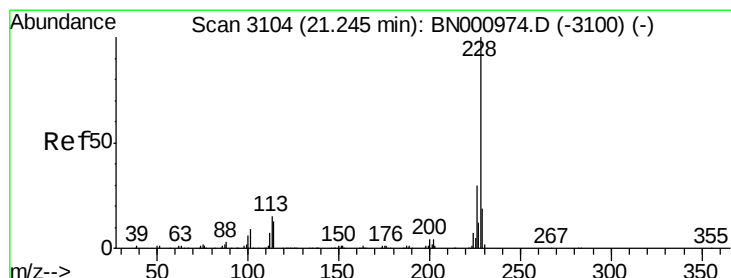
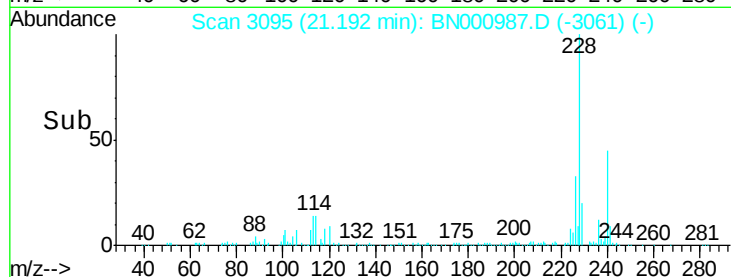
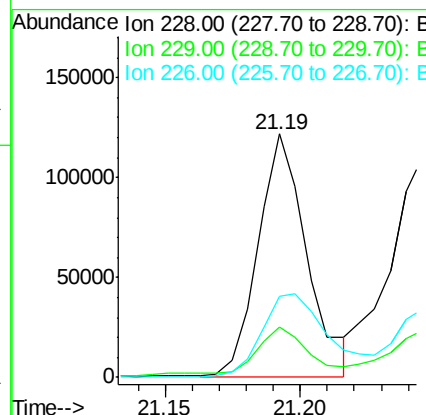
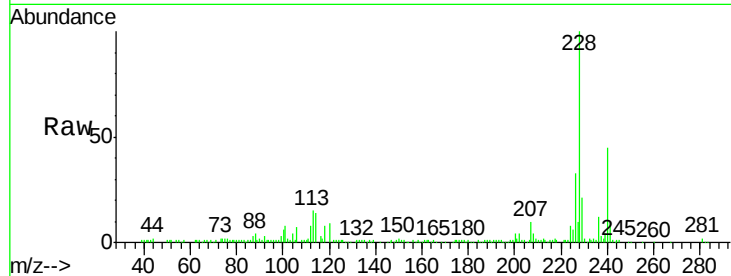
ClientSampleId :

C0B17

Tot Ion:	228	Resp:	152857
Ion Ratio		Lower	Upper
228	100		
229	20.9	15.4	23.0
226	33.4	21.4	32.0#

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#22

Chrysene

Concen: 5.583 ng/ul

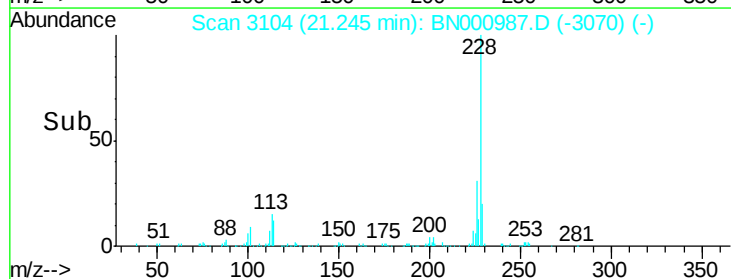
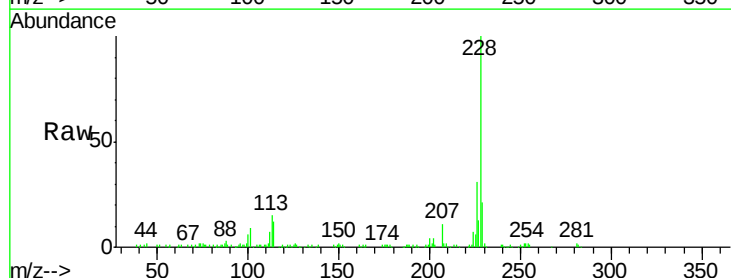
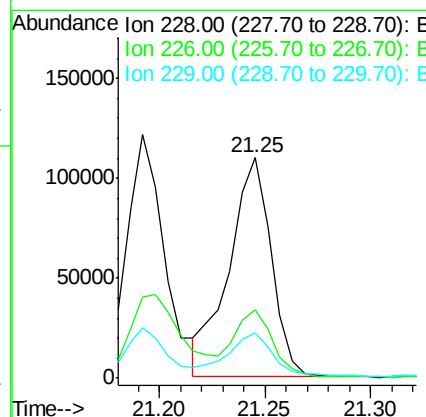
RT: 21.25 min Scan# 3104

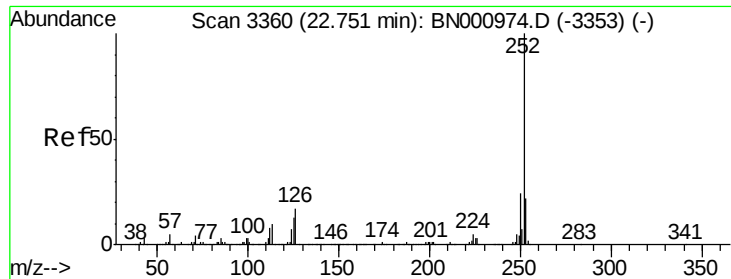
Delta R.T. 0.00 min

Lab File: BN000987.D

Acq: 28 Apr 2018 05:54

Tgt Ion:	228	Resp:	152506
Ion Ratio		Lower	Upper
228	100		
226	30.9	23.4	35.2
229	20.7	15.5	23.3





#24

Benzo(b)fluoranthene

Concen: 5.609 ng/uI

RT: 22.75 min Scan# 3360

Delta R.T. 0.00 min

Lab File: BN000987.D

Acq: 28 Apr 2018 05:54

Instrument :

BNA_N

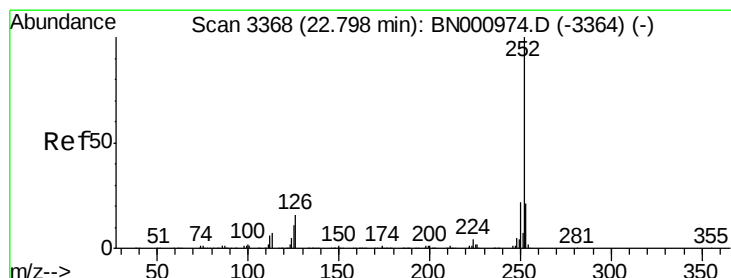
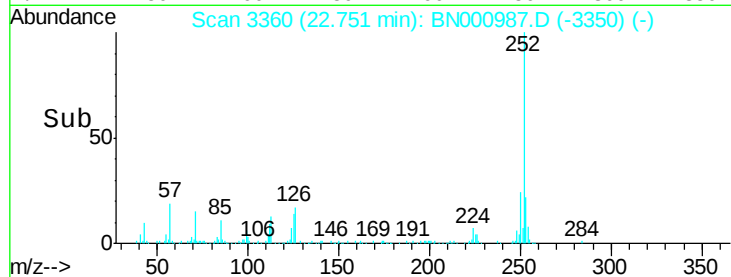
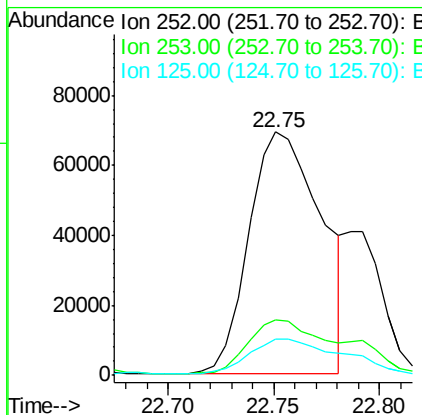
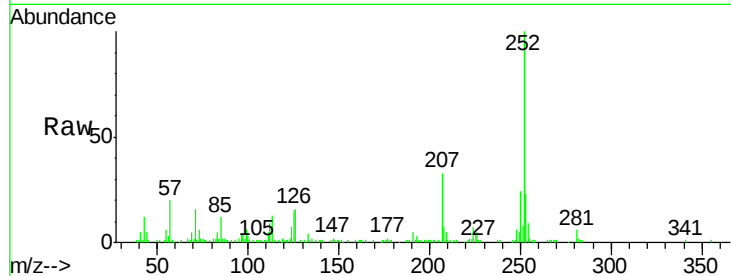
ClientSampled :

C0B17

Tot Ion:	252	Resp:	164104
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.9	26.9
125	14.8	3.6	5.4#

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#25

Benzo(k)fluoranthene

Concen: 1.748 ng/uI m

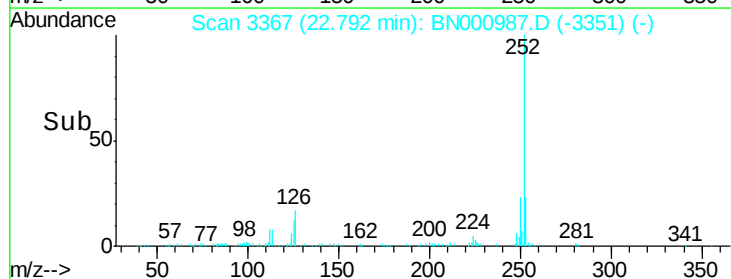
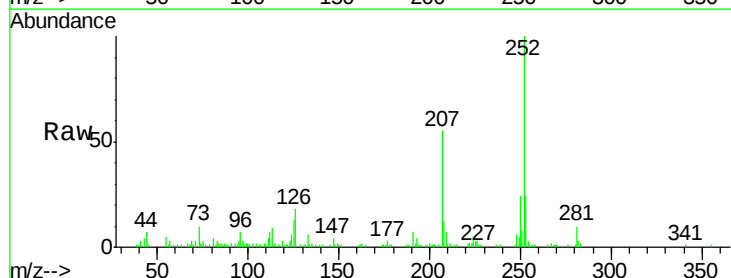
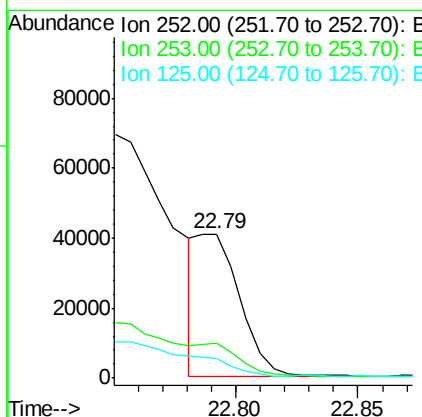
RT: 22.79 min Scan# 3367

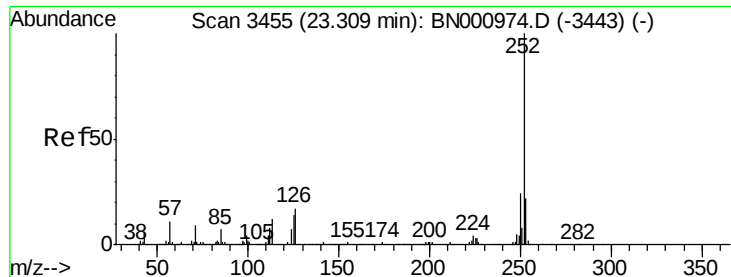
Delta R.T. -0.01 min

Lab File: BN000987.D

Acq: 28 Apr 2018 05:54

Tgt Ion:	252	Resp:	49360
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.1	25.7
125	13.5	3.4	5.2#





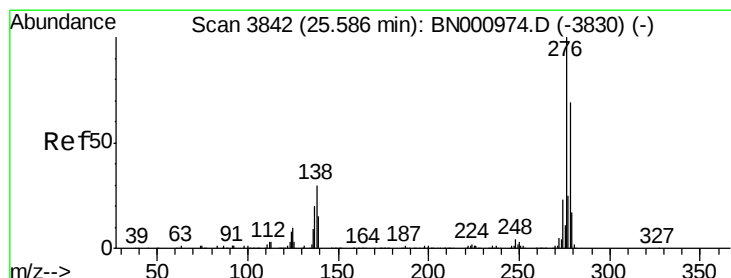
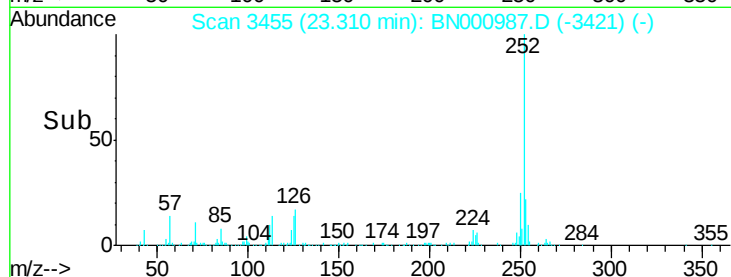
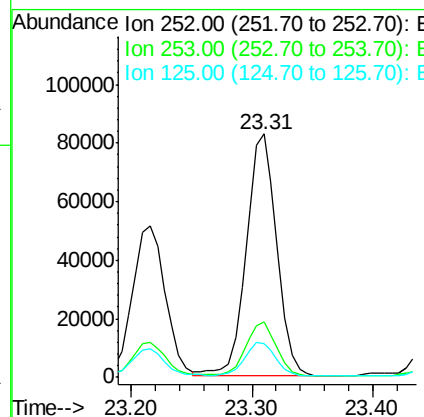
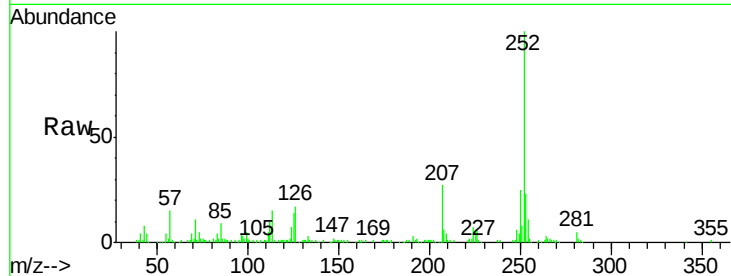
#27
Benzo(a)pyrene
Concen: 5.184 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. 0.00 min
Lab File: BN000987.D
Acq: 28 Apr 2018 05:54

Instrument :
BNA_N
ClientSampled :
C0B17

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	14.0	4.0	6.0

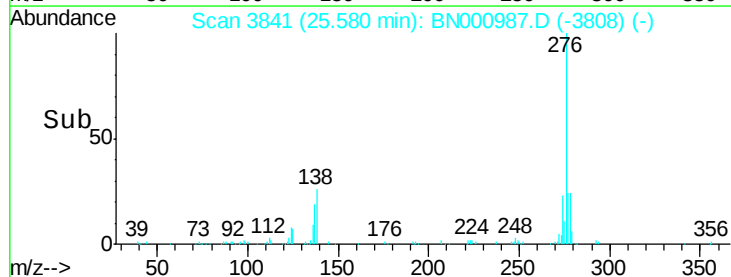
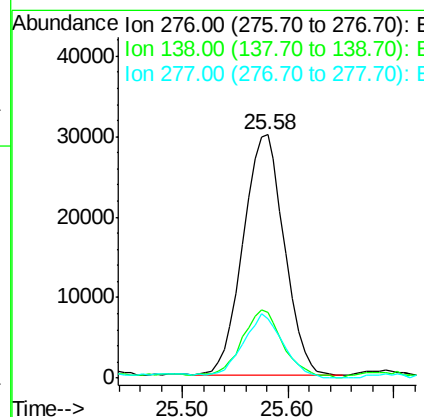
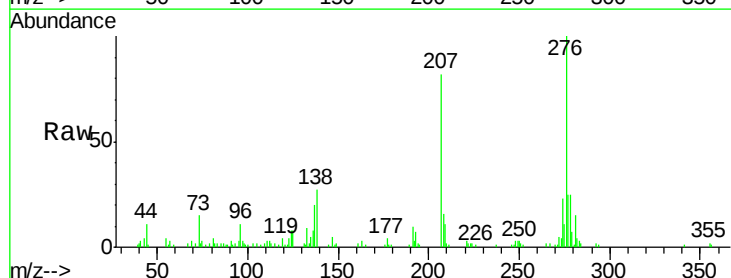
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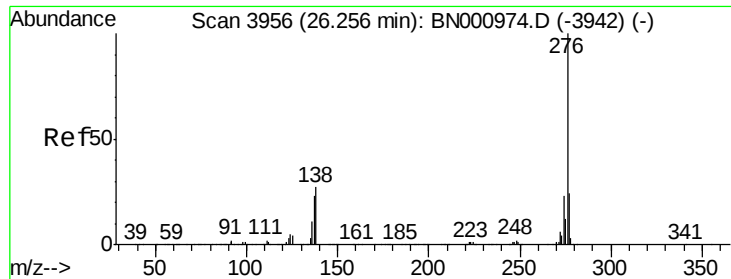
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#28
Indeno(1,2,3-cd)pyrene
Concen: 2.588 ng/ul
RT: 25.58 min Scan# 3841
Delta R.T. -0.01 min
Lab File: BN000987.D
Acq: 28 Apr 2018 05:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.7	9.3	13.9
277	24.6	19.9	29.9





#30

Benzo(a,h,i)perylene

Concen: 2.945 ng/ul

RT: 26.24 min Scan# 3954

Delta R.T. -0.01 min

Lab File: BN000987.D

Acq: 28 Apr 2018 05:54

Instrument :

BNA_N

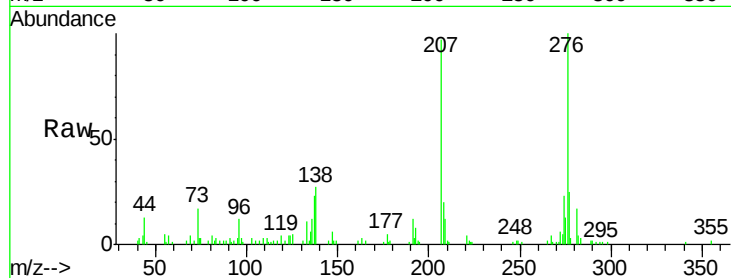
ClientSampleId :

C0B17

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.8	8.5	12.7#
277	24.8	18.6	28.0

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 277.00 (276.70 to 277.70): E

