

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030918\
 Data File : BN000292.D
 Acq On : 09 Mar 2018 21:11
 Operator : JU/SJ
 Sample : J1844-11MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM79MSD

Manual Integrations
 APPROVED

Sohil
 3/12/2018 3:52:55 PM

Quant Time: Mar 12 01:10:54 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 09 23:47:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	280912	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1375830	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	789181	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1662386	20.00	ng/ul	0.00
17) Chrysene-d12	21.89	240	1655050	20.00	ng/ul	0.00
22) Perylene-d12	24.37	264	1681111	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	2203274	28.13	ng/ul	0.00
10) Fluorene-d10	16.04	176	1478113	27.87	ng/ul	0.00
14) Anthracene-d10	17.87	188	2180357	28.07	ng/ul	0.00
18) Pyrene-d10	20.13	212	2379834	29.39	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.22	264	2232914	29.09	ng/ul	0.00
Target Compounds				Ovalue		
9) Acenaphthene	15.12	153	1559736	28.471	ng/ul	96
13) Phenanthrene	17.82	178	176049	1.847	ng/ul	98
16) Fluoranthene	19.80	202	315114	3.059	ng/ul	95
19) Pyrene	20.16	202	3390159	32.444	ng/ul#	87
20) Benzo(a)anthracene	21.87	228	161151	1.566	ng/ul	96
21) Chrysene	21.93	228	174020	1.782	ng/ul	97
23) Benzo(b)fluoranthene	23.62	252	213617m	2.131	ng/ul	
26) Benzo(a)pyrene	24.26	252	133342	1.398	ng/ul#	92

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

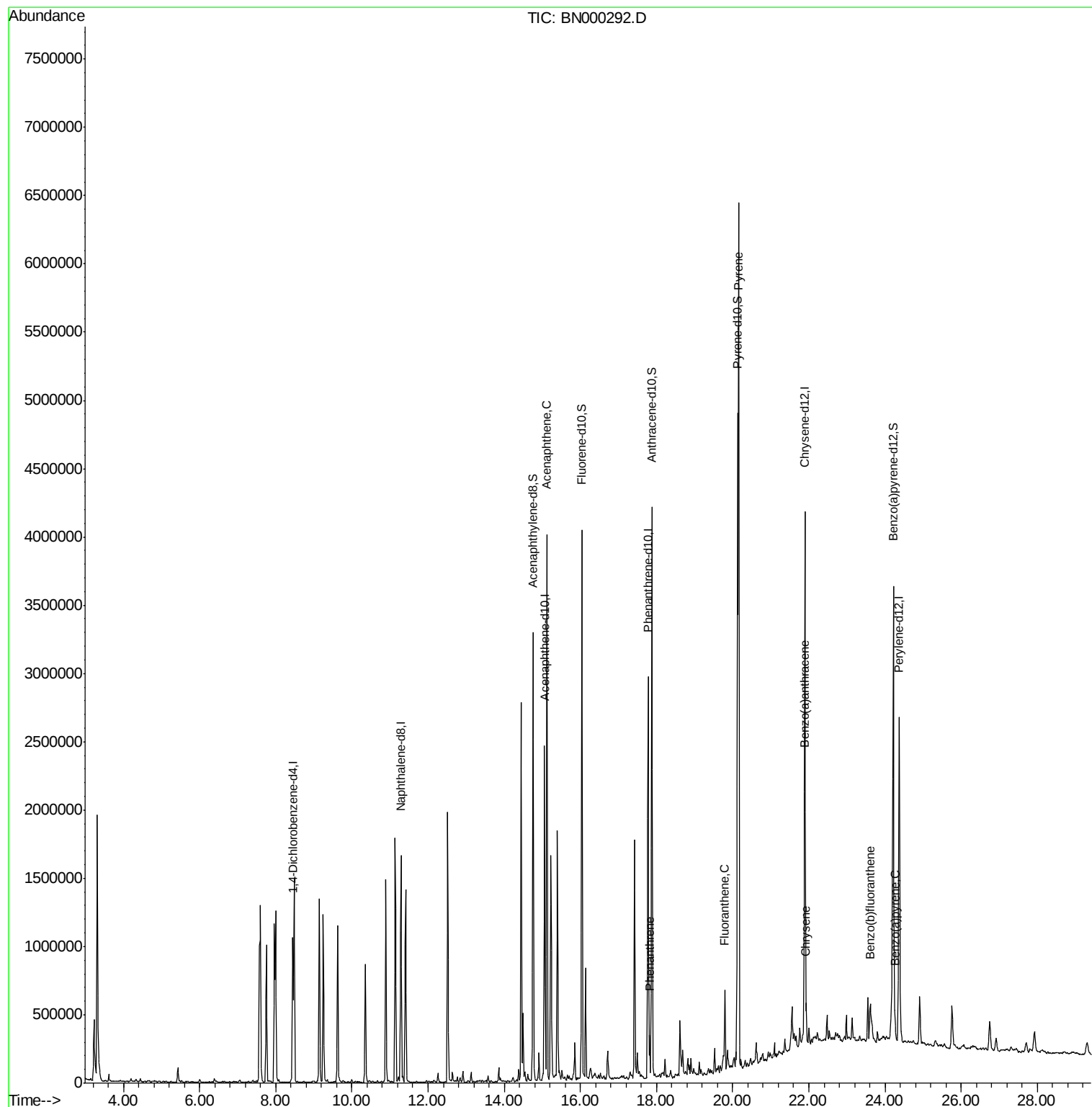
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030918\
Data File : BN000292.D
Acq On : 09 Mar 2018 21:11
Operator : JU/SJ
Sample : J1844-11MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

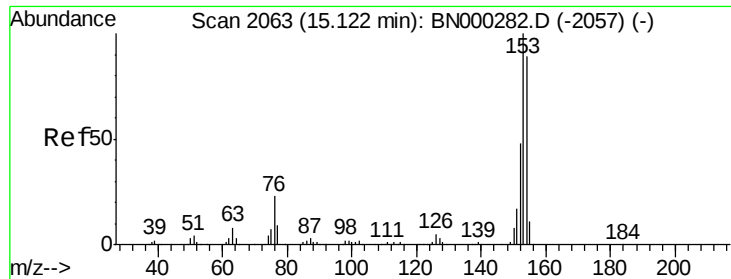
Instrument :
BNA_N
ClientSampleId :
DAM79MSD

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3/12/2018 3:52:55 PM

Quant Time: Mar 12 01:10:54 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 09 23:47:40 2018
Response via : Initial Calibration





#9

Acenaphthene

Concen: 28.471 ng/ul

RT: 15.12 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BN000292.D

Acq: 09 Mar 2018 21:11

Instrument :

BNA_N

ClientSampled :

DAM79MSD

Tot Ion:153 Resp: 1559736

Ion Ratio Lower Upper

153 100

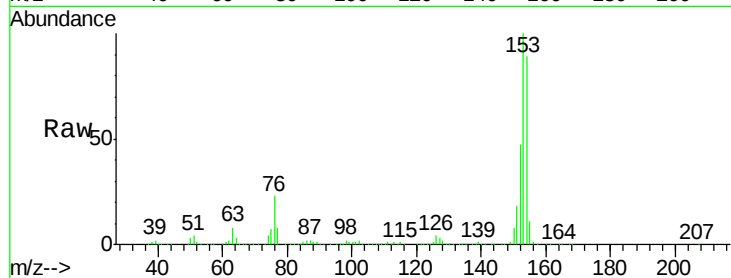
152 47.3 39.0 58.6

154 88.7 66.8 100.2

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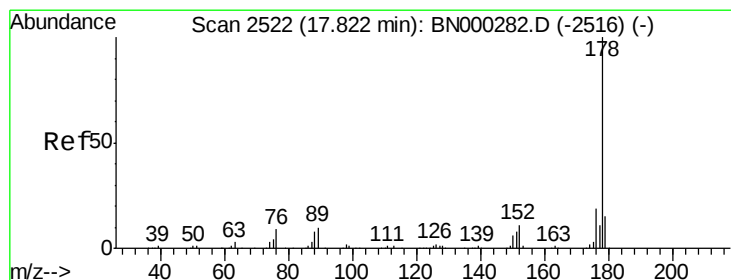
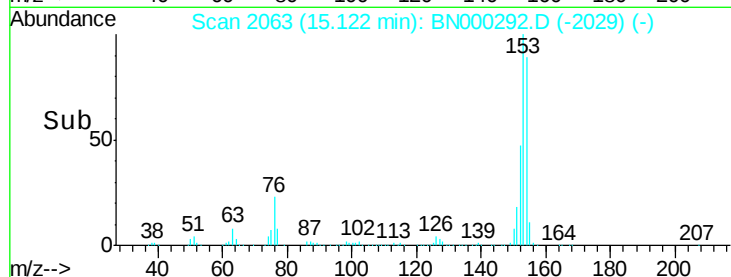
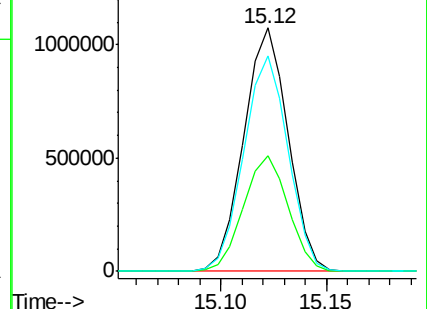
3/12/2018 3:52:55 PM



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



#13

Phenanthrene

Concen: 1.847 ng/ul

RT: 17.82 min Scan# 2522

Delta R.T. -0.00 min

Lab File: BN000292.D

Acq: 09 Mar 2018 21:11

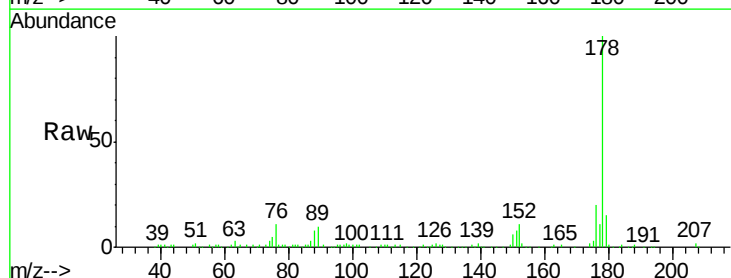
Tgt Ion:178 Resp: 176049

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

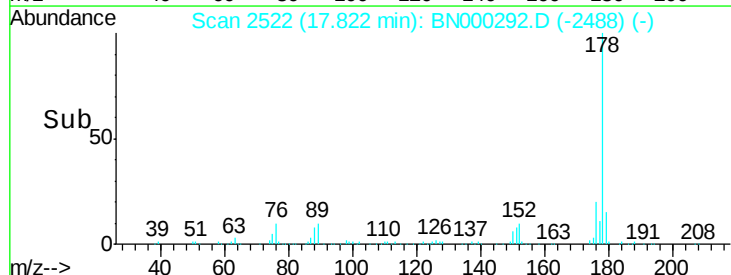
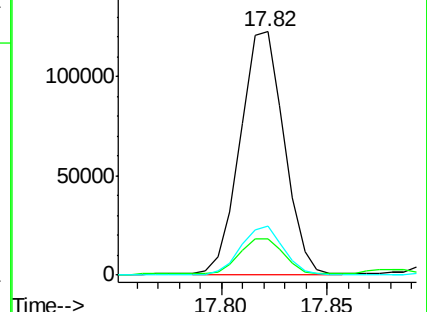
176 19.9 15.1 22.7

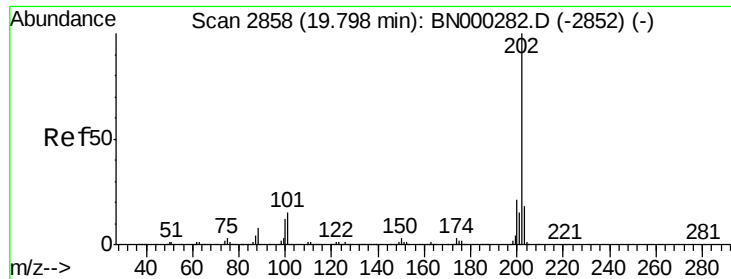


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 3.059 ng/ul

RT: 19.80 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BN000292.D

Acq: 09 Mar 2018 21:11

Instrument :

BNA_N

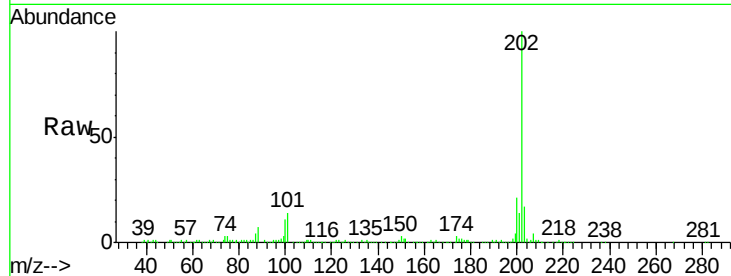
ClientSampleId :

DAM79MSD

Tot Ion:	202	Resp:	315114
Ion Ratio	Lower	Upper	
202	100		
101	14.3	9.9	14.9
100	11.0	7.4	11.0

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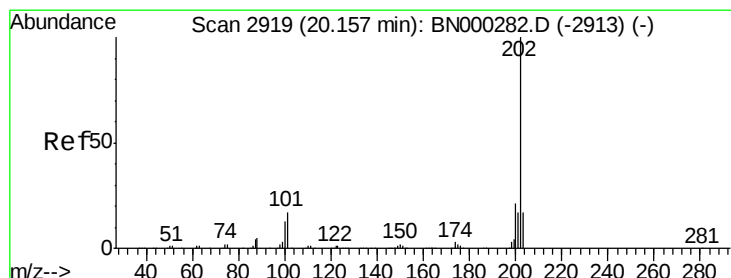
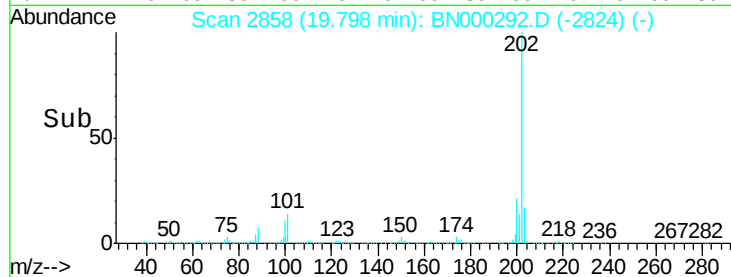
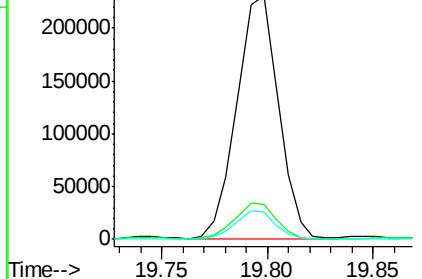
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#19

Pyrene

Concen: 32.444 ng/ul

RT: 20.16 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BN000292.D

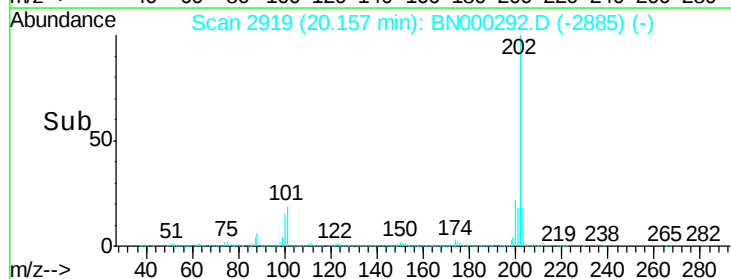
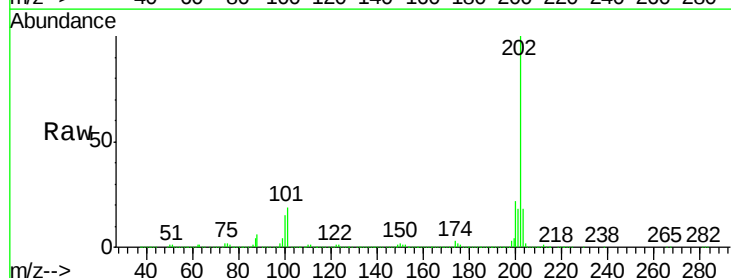
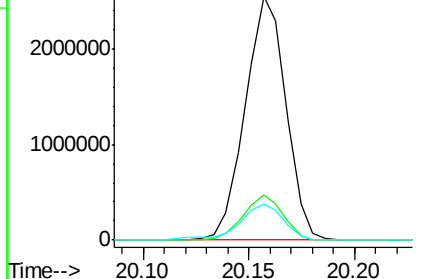
Acq: 09 Mar 2018 21:11

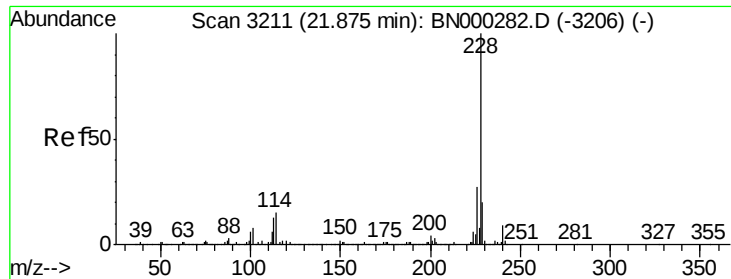
Tgt Ion:	202	Resp:	3390159
Ion Ratio	Lower	Upper	
202	100		
101	18.6	11.0	16.4#
100	15.0	8.1	12.1#

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





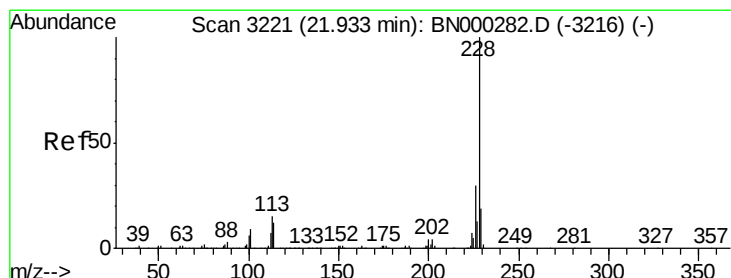
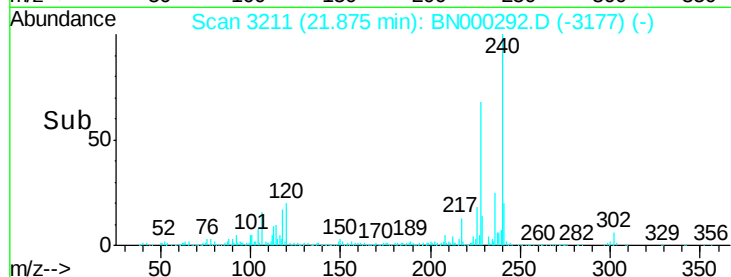
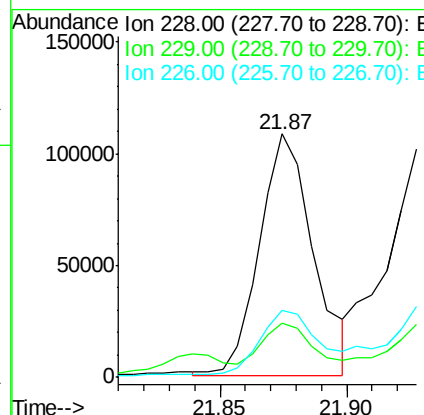
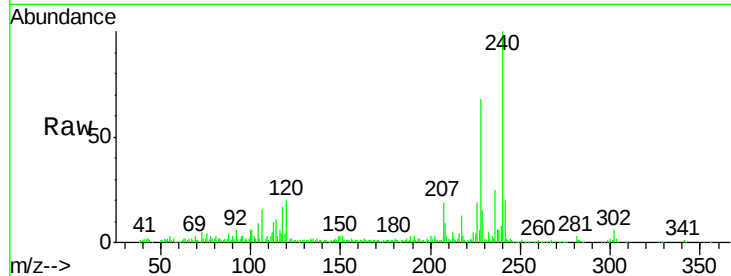
#20
Benzo(a)anthracene
Concen: 1.566 ng/ul
RT: 21.87 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BN000292.D
Acq: 09 Mar 2018 21:11

Instrument :
BNA_N
ClientSampleId :
DAM79MSD

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.7	23.5
226	27.5	21.1	31.7

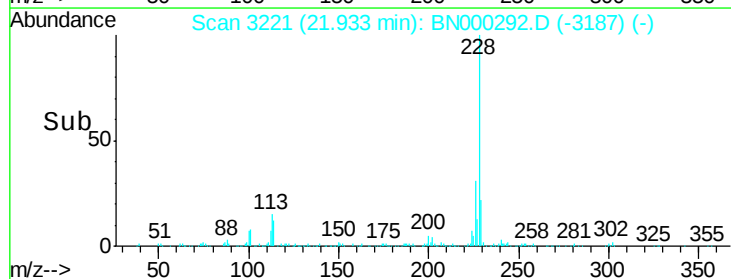
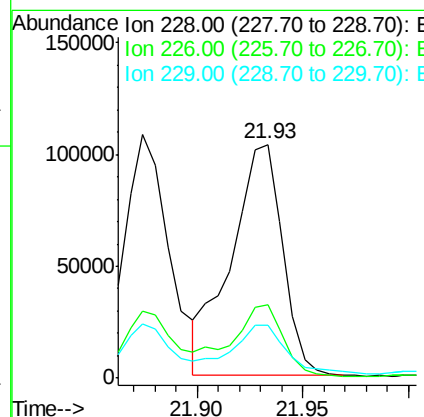
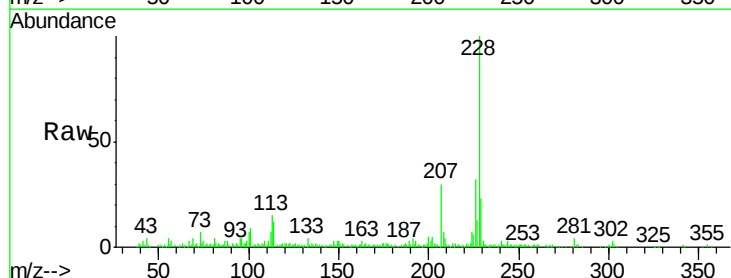
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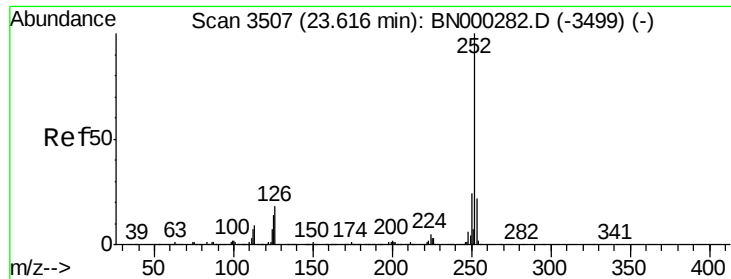
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#21
Chrysene
Concen: 1.782 ng/ul
RT: 21.93 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BN000292.D
Acq: 09 Mar 2018 21:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.5	36.7
229	22.6	15.8	23.8





#23

Benzo(b)fluoranthene

Concen: 2.131 ng/ul m

RT: 23.62 min Scan# 3507

Delta R.T. -0.00 min

Lab File: BN000292.D

Acq: 09 Mar 2018 21:11

Instrument :

BNA_N

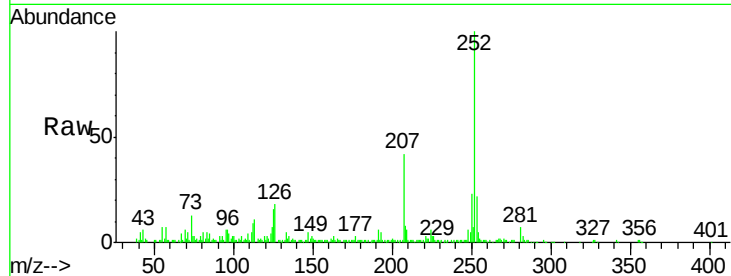
ClientSampleId :

DAM79MSD

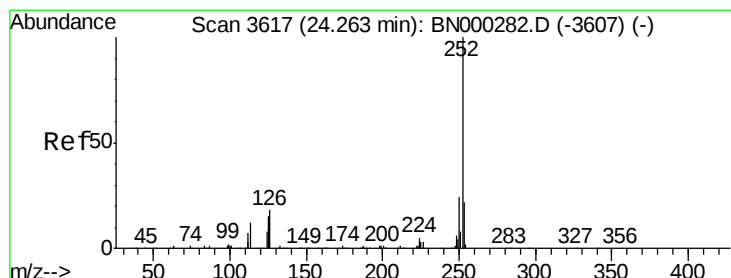
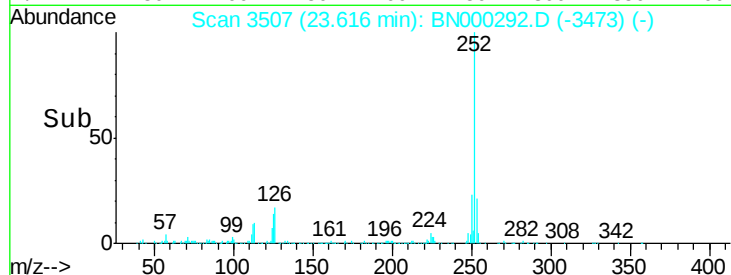
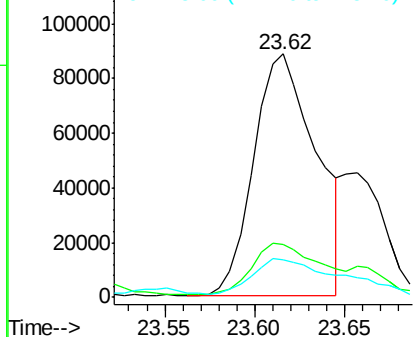
Tot Ion:	252	Resp:	213617
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.0	27.0
125	15.5	8.0	12.0#

Manual Integrations
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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



#26

Benzo(a)pyrene

Concen: 1.398 ng/ul

RT: 24.26 min Scan# 3617

Delta R.T. -0.00 min

Lab File: BN000292.D

Acq: 09 Mar 2018 21:11

Tgt Ion:	252	Resp:	133342
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.2	25.8
125	16.5	8.2	12.4#

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

