

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
 Data File : BN000935.D
 Acq On : 26 Apr 2018 16:54
 Operator : JU/SJ
 Sample : J2485-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS35

Manual Integrations
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 4/27/2018 7:27:02 PM

Quant Time: Apr 27 08:19:10 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 27 07:47:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	154720	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	656849	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	320644	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	553531	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	452807	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	488164	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	1031341	33.49	ng/ul	0.00
10) Fluorene-d10	15.26	176	683203	33.24	ng/ul	0.00
14) Anthracene-d10	17.10	188	873141	34.49	ng/ul	0.00
18) Pyrene-d10	19.41	212	818720	35.29	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.28	264	868809	37.68	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	40740	1.231	ng/ul	98
4) 2-Methylnaphthalene	12.06	142	34266	1.551	ng/ul	97
5) 1-Methylnaphthalene	12.28	142	28881	1.333	ng/ul#	90
13) Phenanthrene	17.05	178	288639	9.561	ng/ul	99
15) Anthracene	17.14	178	66988	2.212	ng/ul	98
16) Fluoranthene	19.07	202	640737	20.919	ng/ul#	94
19) Pyrene	19.44	202	553114	19.017	ng/ul#	89
20) Benzo(a)anthracene	21.20	228	381608m	14.098	ng/ul	
21) Chrysene	21.25	228	409128m	16.082	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	796479m	28.710	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	229766m	8.464	ng/ul	
26) Benzo(a)pyrene	23.32	252	516920	19.497	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.60	276	481923	15.049	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.60	278	132389	4.960	ng/ul#	82
29) Benzo(g,h,i)perylene	26.27	276	432182	16.136	ng/ul#	93

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

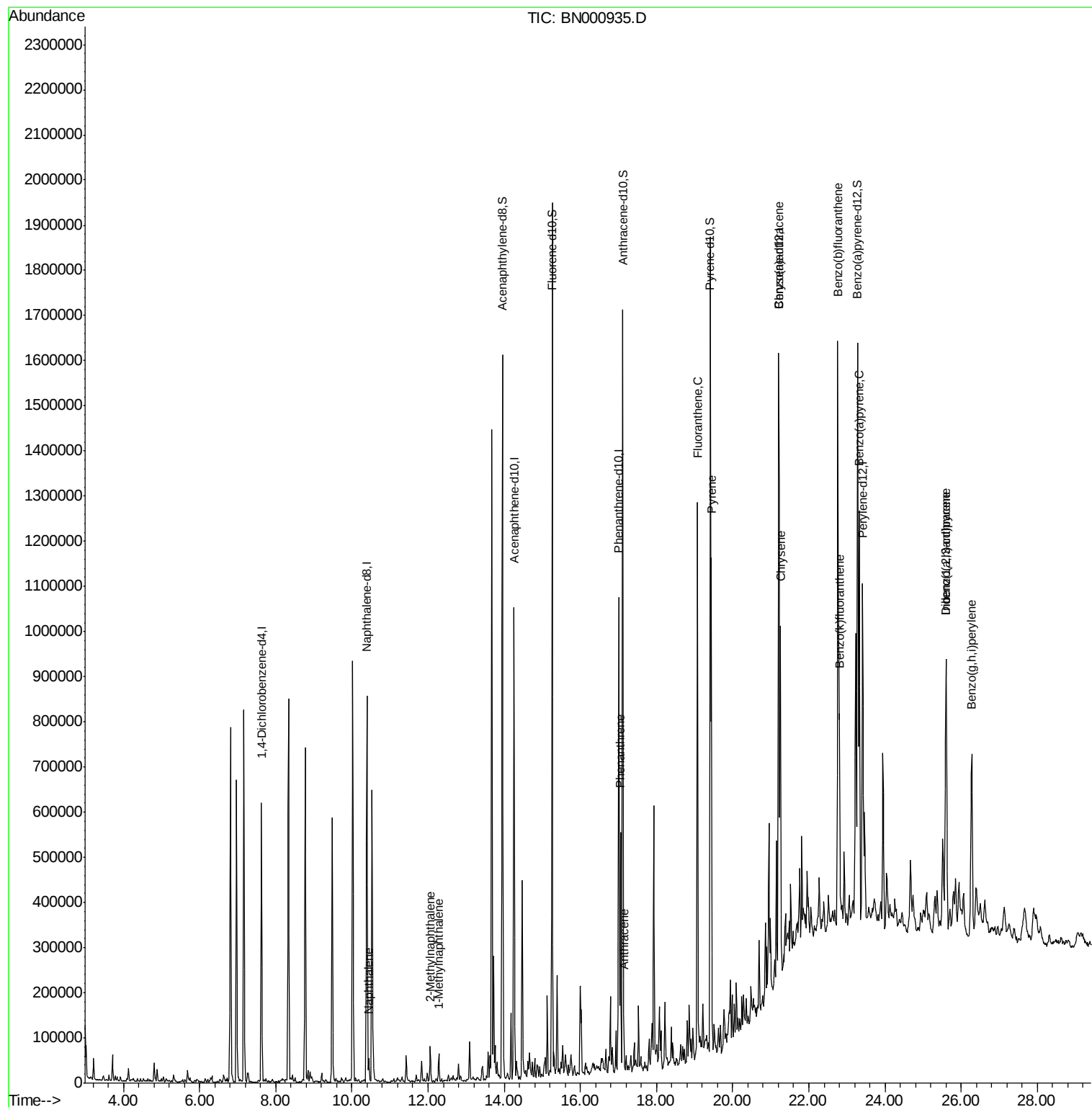
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
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ALS Vial : 9 Sample Multiplier: 1

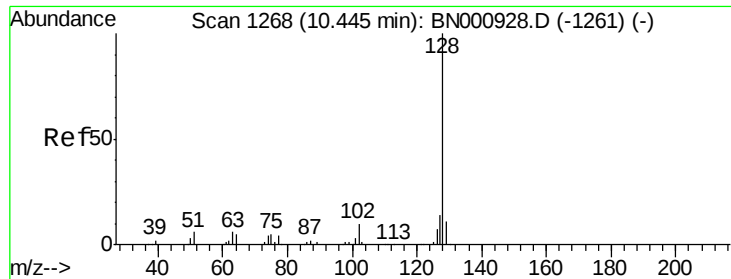
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DAS35

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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 27 07:47:48 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.231 ng/ul

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BN000935.D

Acq: 26 Apr 2018 16:54

Instrument :

BNA_N

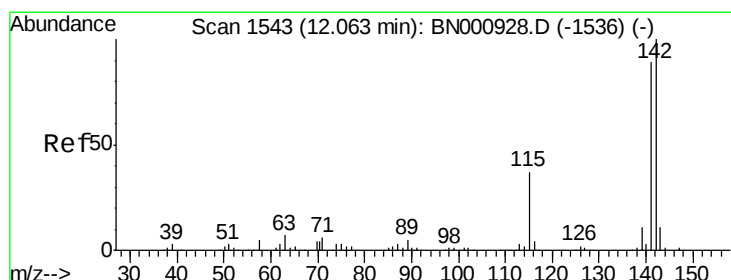
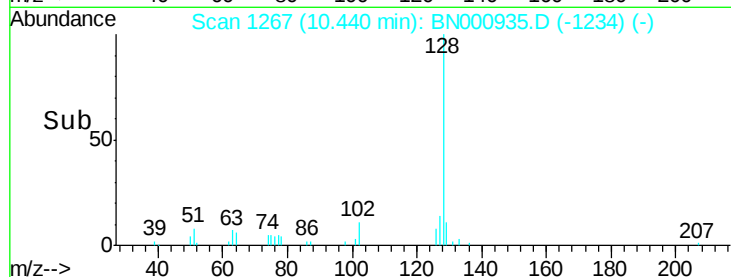
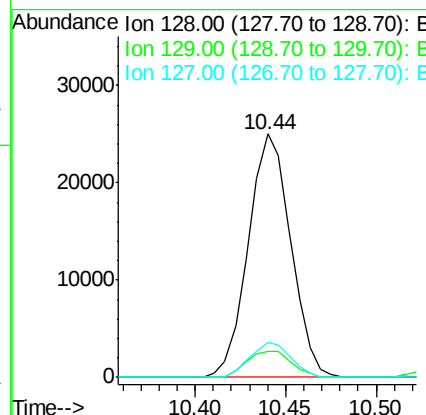
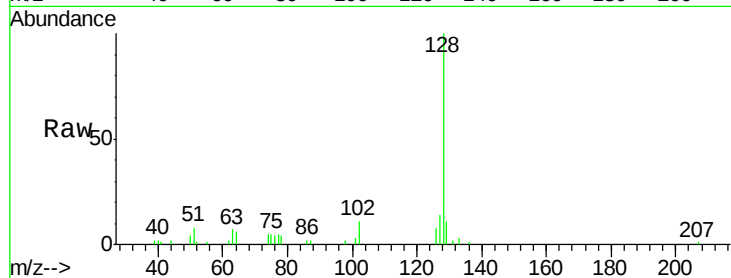
ClientSampleId :

DAS35

Tgt Ion:	128	Resp:	40740
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	14.4	10.6	16.0

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#4

2-Methylnaphthalene

Concen: 1.551 ng/ul

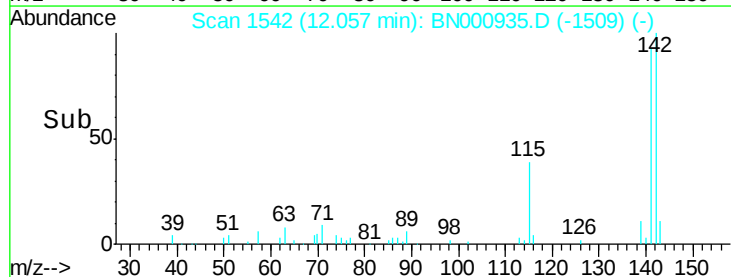
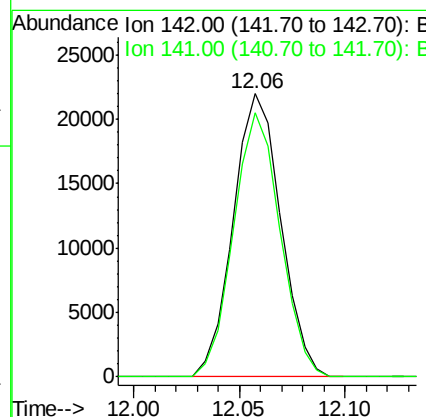
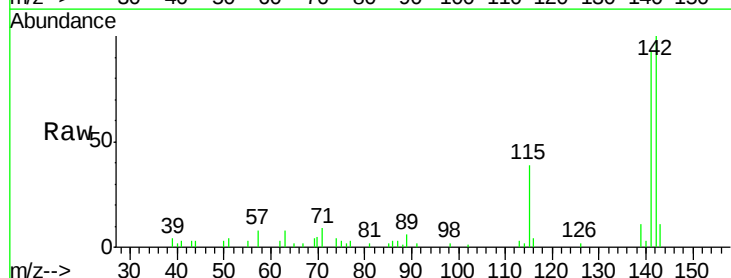
RT: 12.06 min Scan# 1542

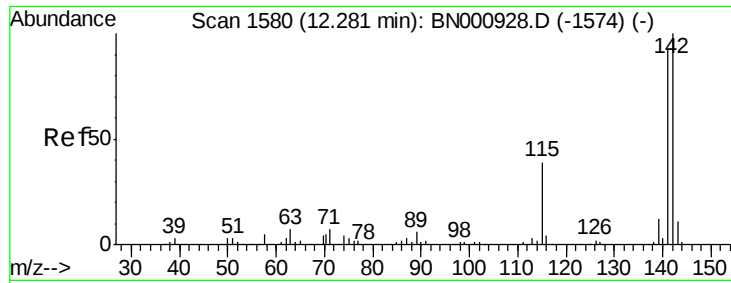
Delta R.T. -0.01 min

Lab File: BN000935.D

Acq: 26 Apr 2018 16:54

Tgt Ion:	142	Resp:	34266
Ion	Ratio	Lower	Upper
142	100		
141	93.3	72.7	109.1





#5

1-Methylnaphthalene

Concen: 1.333 ng/ul

RT: 12.28 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BN000935.D

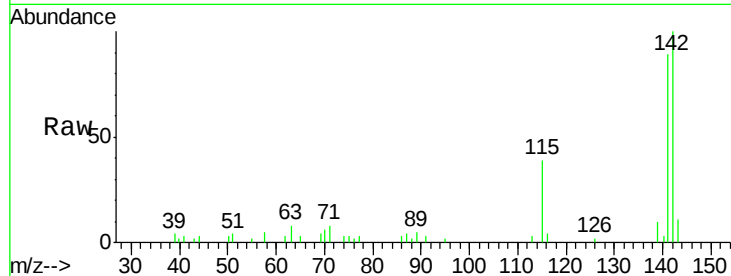
Acq: 26 Apr 2018 16:54

Instrument :

BNA_N

ClientSampled :

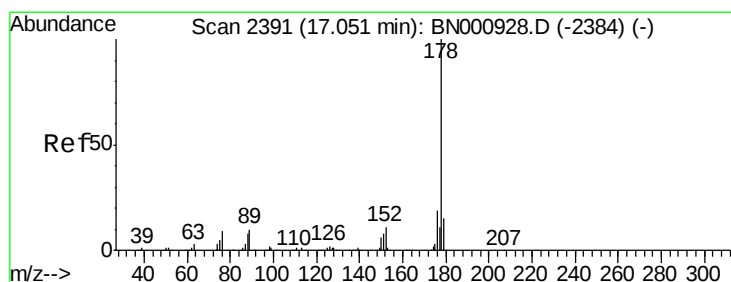
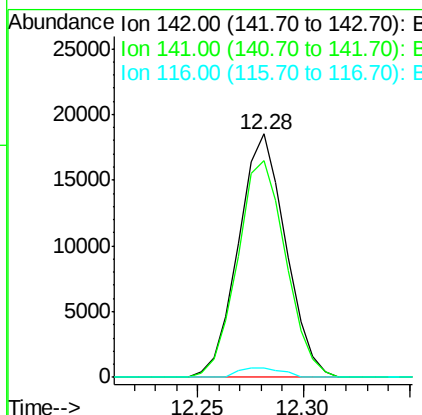
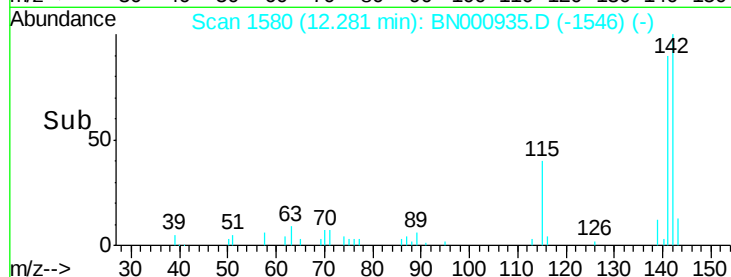
DAS35



Tgt Ion:	142	Resp:	28881
Ion Ratio	Lower	Upper	
142	100		
141	88.8	79.3	118.9
116	3.7	4.2	6.2#

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#13

Phenanthrene

Concen: 9.561 ng/ul

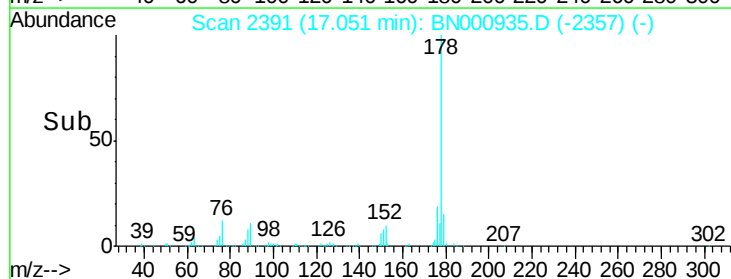
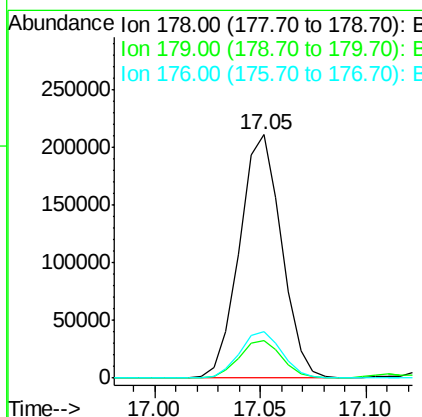
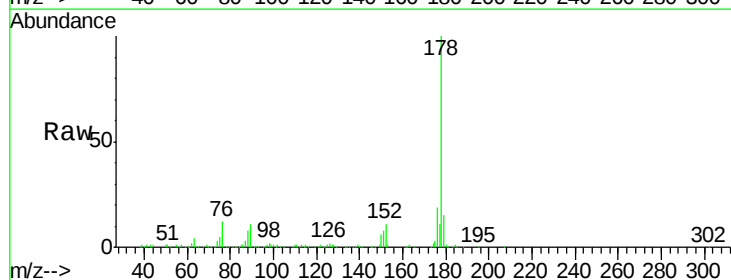
RT: 17.05 min Scan# 2391

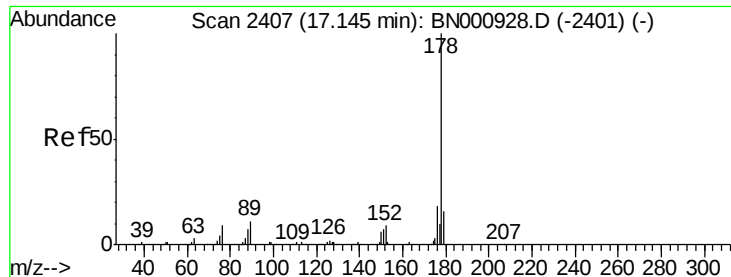
Delta R.T. 0.00 min

Lab File: BN000935.D

Acq: 26 Apr 2018 16:54

Tgt Ion:	178	Resp:	288639
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.3	18.5
176	19.4	15.1	22.7





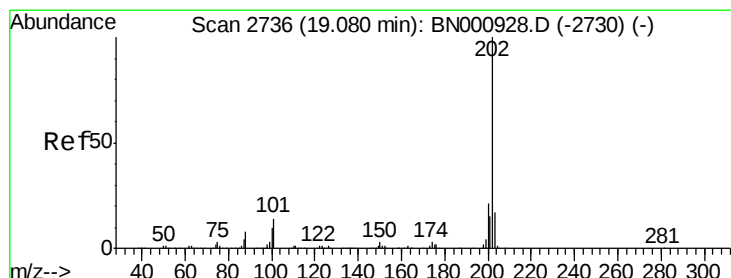
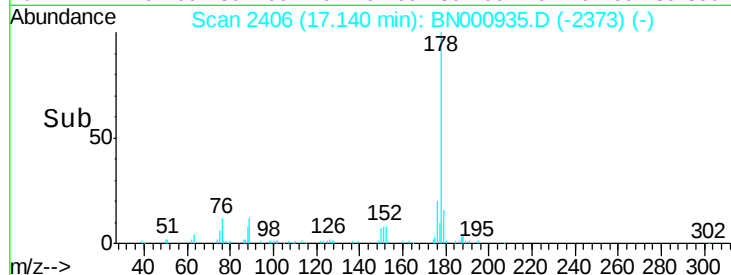
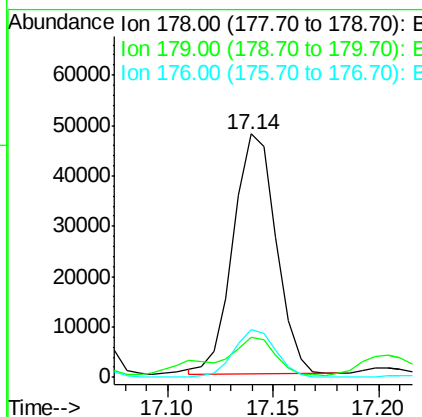
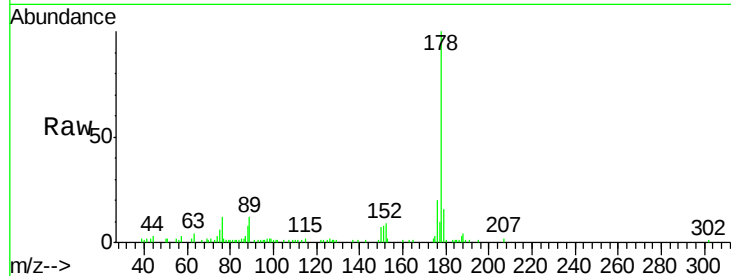
#15
 Anthracene
 Concen: 2.212 ng/ul
 RT: 17.14 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BN000935.D
 Acq: 26 Apr 2018 16:54

Instrument :
 BNA_N
 ClientSampleId :
 DAS35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.8	17.8
176	19.7	15.2	22.8

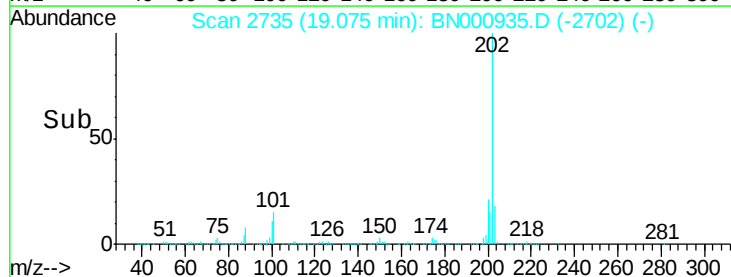
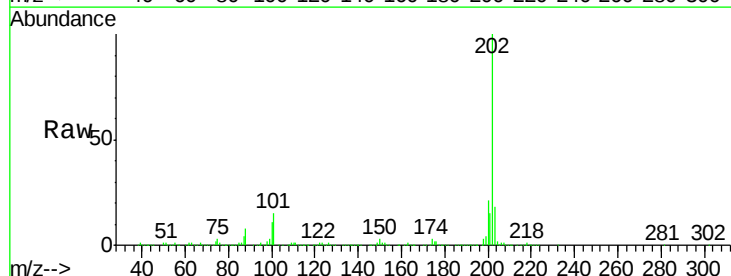
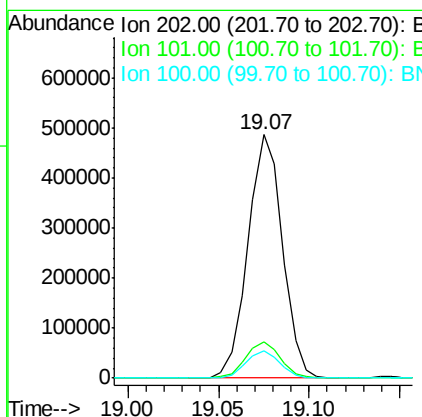
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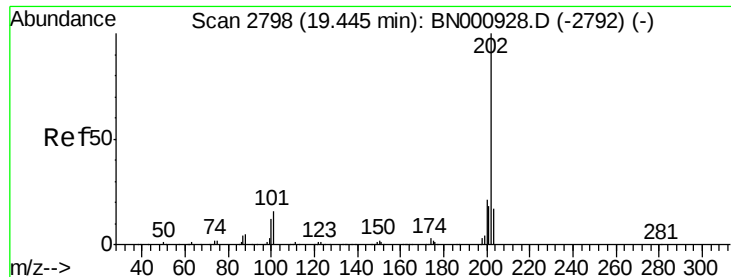
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#16
 Fluoranthene
 Concen: 20.919 ng/ul
 RT: 19.07 min Scan# 2735
 Delta R.T. -0.01 min
 Lab File: BN000935.D
 Acq: 26 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	9.9	14.9#
100	11.1	7.4	11.0#





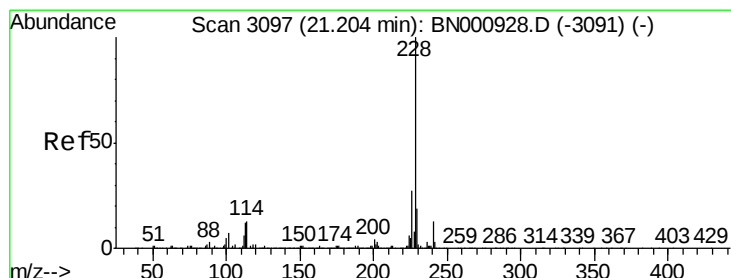
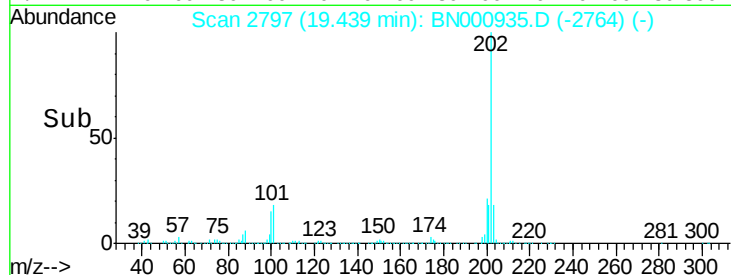
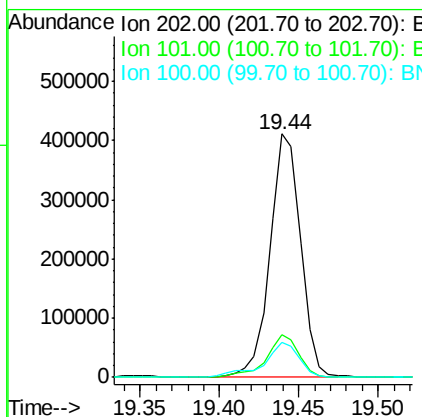
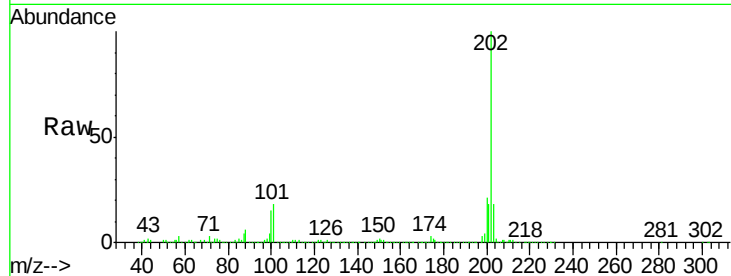
#19
 Pyrene
 Concen: 19.017 ng/ul
 RT: 19.44 min Scan# 2797
 Delta R.T. -0.01 min
 Lab File: BN000935.D
 Acq: 26 Apr 2018 16:54

Instrument :
 BNA_N
 ClientSampled :
 DAS35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	553114		
101	17.7	11.0	16.4#	
100	14.5	8.1	12.1#	

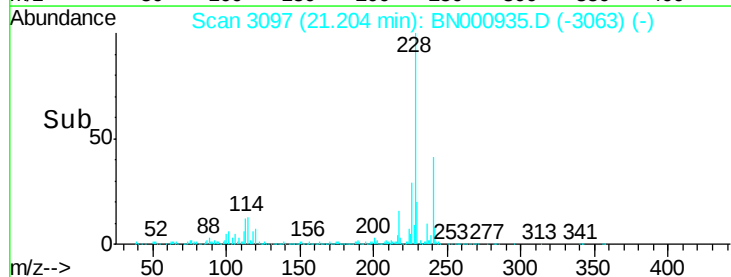
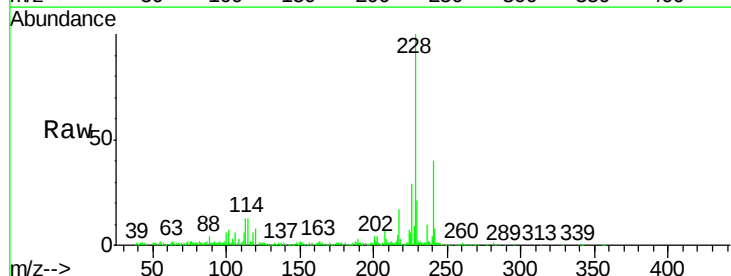
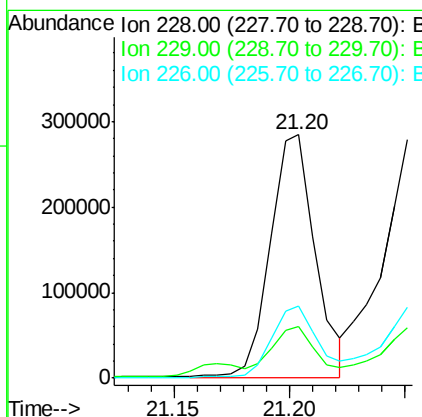
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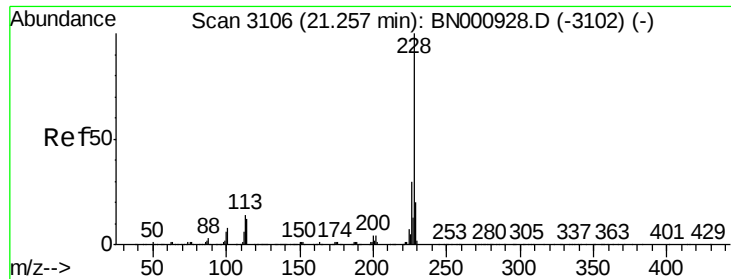
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#20
 Benzo(a)anthracene
 Concen: 14.098 ng/ul m
 RT: 21.20 min Scan# 3097
 Delta R.T. 0.00 min
 Lab File: BN000935.D
 Acq: 26 Apr 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	381608		
229	21.2	15.7	23.5	
226	29.5	21.1	31.7	





#21

Chrysene

Concen: 16.082 ng/ul m

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN000935.D

Acq: 26 Apr 2018 16:54

Instrument :

BNA_N

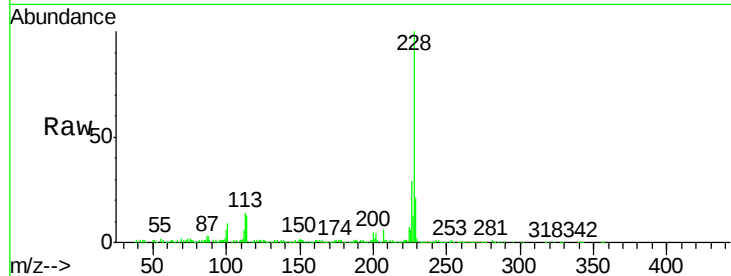
ClientSampled :

DAS35

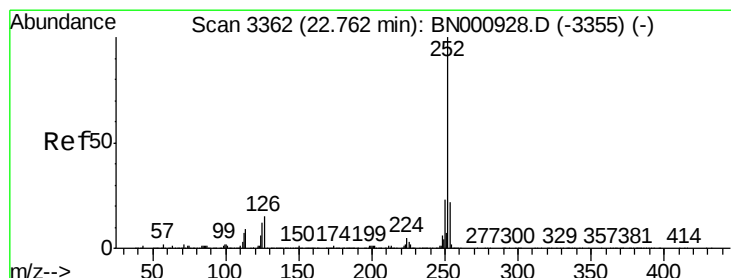
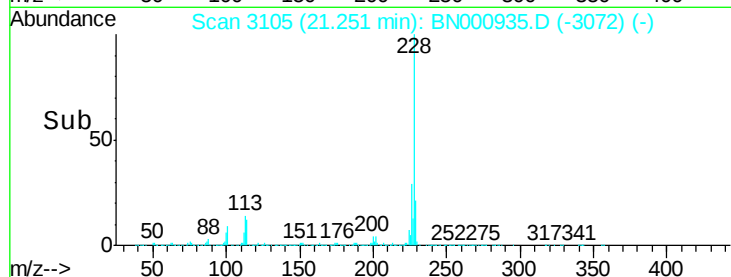
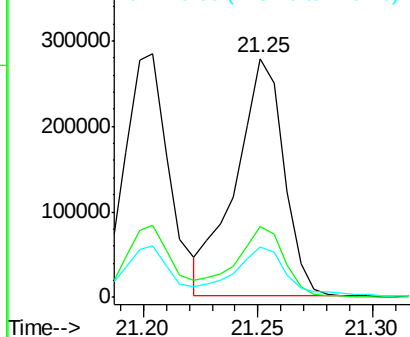
Tgt Ion:	228	Resp:	409128
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.5	36.7
229	21.3	15.8	23.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#23

Benzo(b)fluoranthene

Concen: 28.710 ng/ul m

RT: 22.76 min Scan# 3362

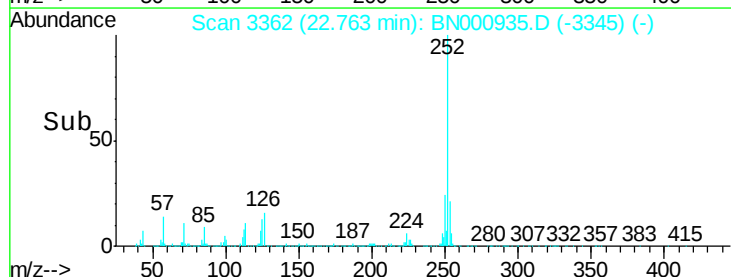
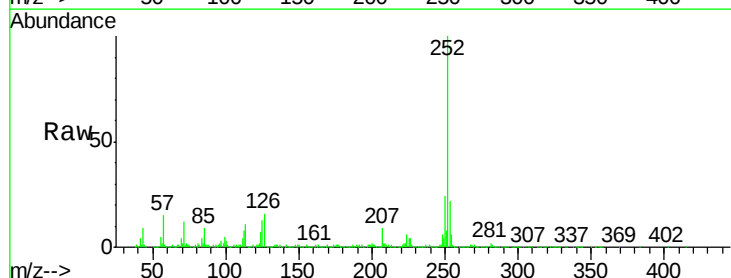
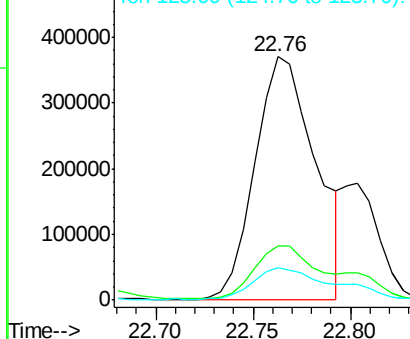
Delta R.T. 0.00 min

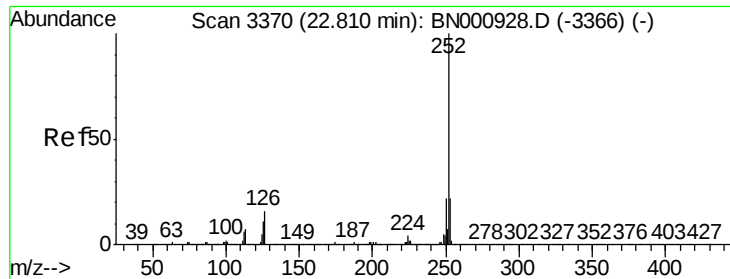
Lab File: BN000935.D

Acq: 26 Apr 2018 16:54

Tgt Ion:	252	Resp:	796479
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	13.2	8.0	12.0#

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

Benzo(k)fluoranthene

Concen: 8.464 ng/ul m

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BN000935.D

Acq: 26 Apr 2018 16:54

Instrument :

BNA_N

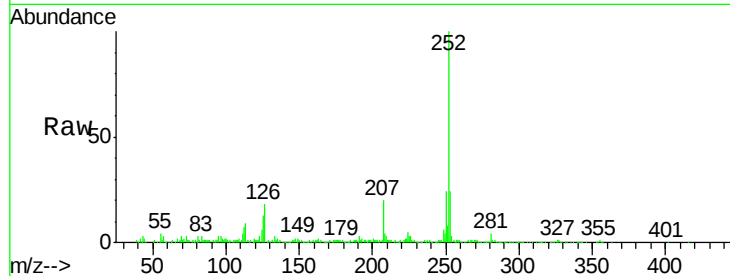
ClientSampled :

DAS35

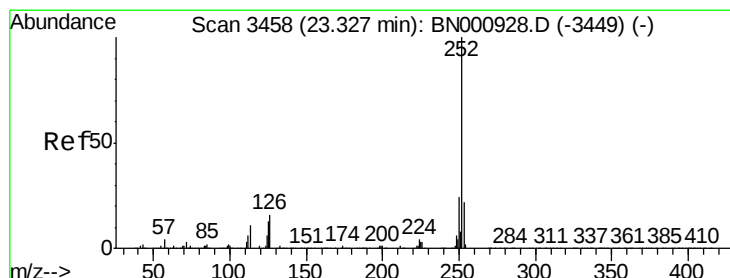
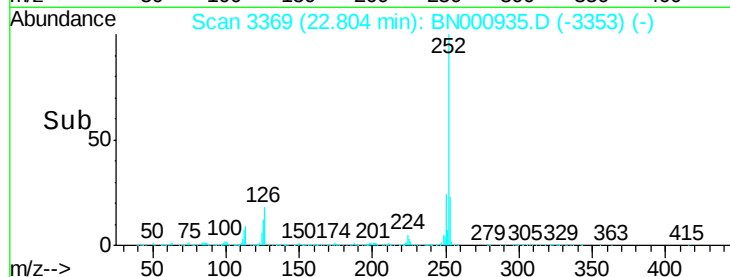
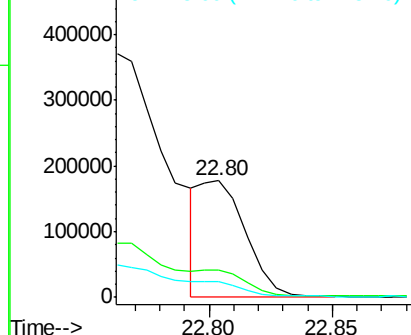
Tgt Ion:	252	Resp:	229766
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.0	27.0
125	13.0	8.1	12.1#

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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: 19.497 ng/ul

RT: 23.32 min Scan# 3457

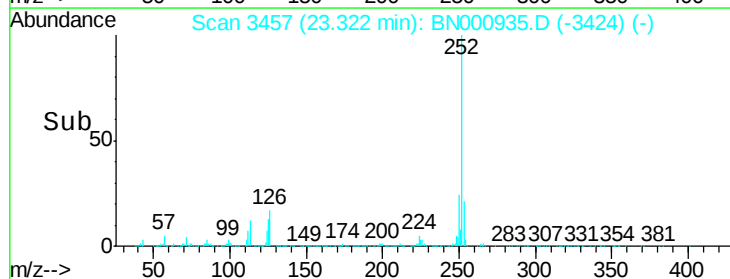
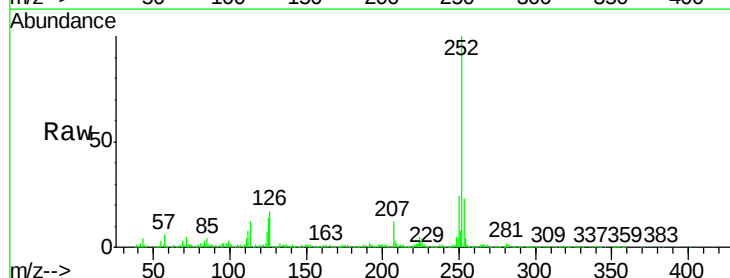
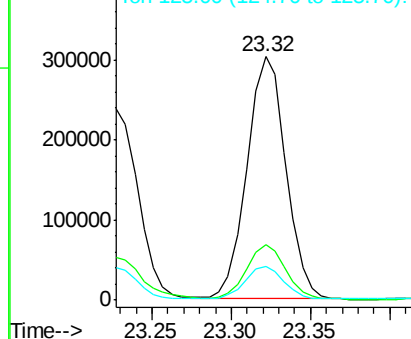
Delta R.T. -0.01 min

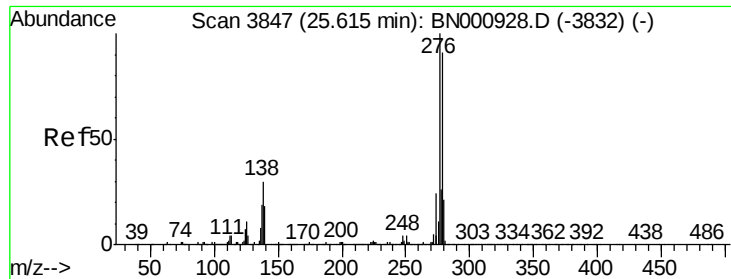
Lab File: BN000935.D

Acq: 26 Apr 2018 16:54

Tgt Ion:	252	Resp:	516920
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.2	25.8
125	13.9	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





#27

Indeno(1,2,3-cd)pyrene

Concen: 15.049 ng/u1

RT: 25.60 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BN000935.D

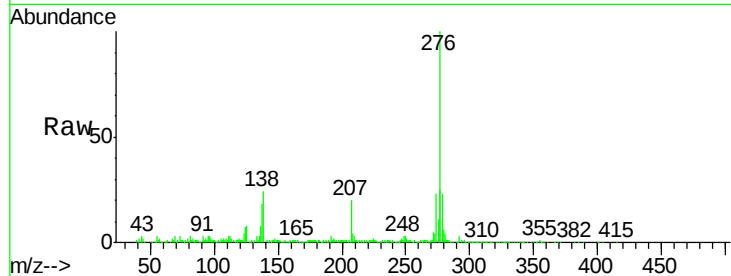
Acq: 26 Apr 2018 16:54

Instrument :
BNA_N
ClientSampled :
DAS35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	14.4	21.6#
277	25.3	18.0	27.0

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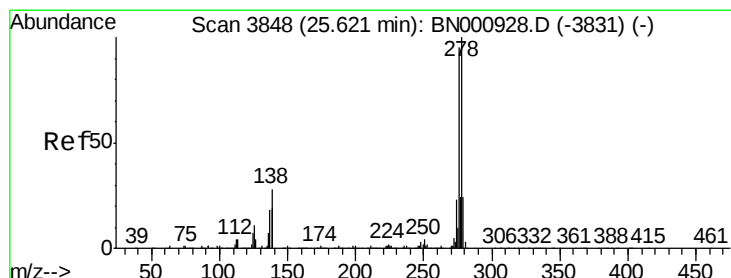
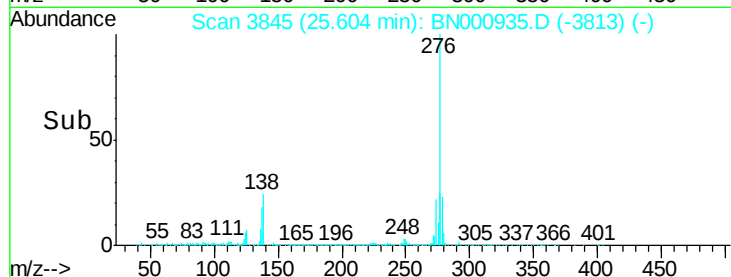
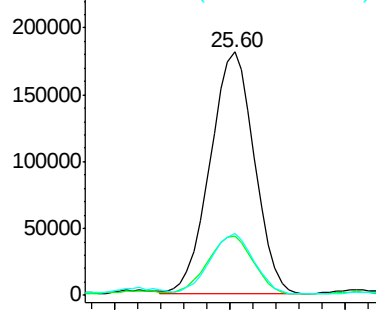
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#28

Dibenzo(a,h)anthracene

Concen: 4.960 ng/u1

RT: 25.60 min Scan# 3845

Delta R.T. -0.02 min

Lab File: BN000935.D

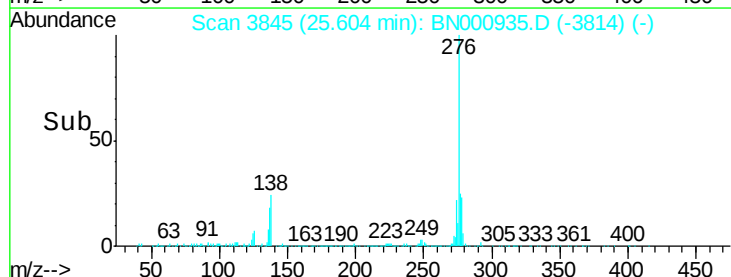
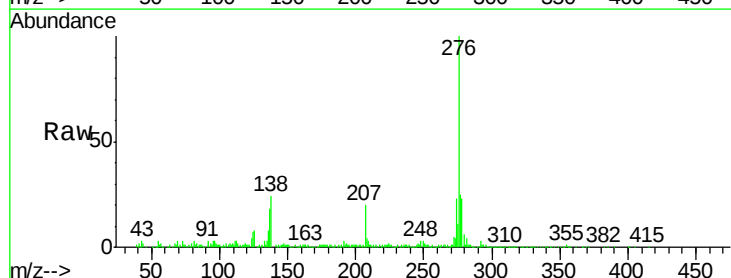
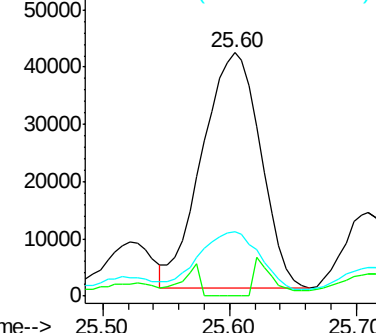
Acq: 26 Apr 2018 16:54

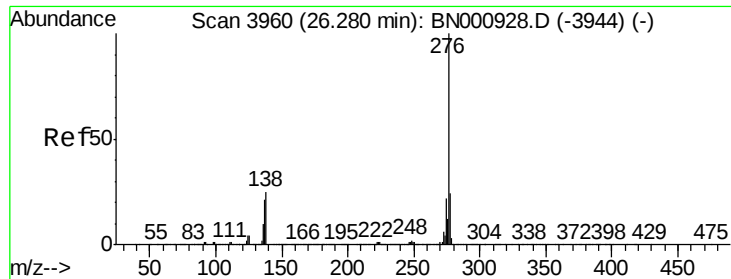
Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	26.7	19.2	28.8

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





#29

Benzo(g,h,i)perylene

Concen: 16.136 ng/uI

RT: 26.27 min Scan# 3958

Delta R.T. -0.01 min

Lab File: BN000935.D

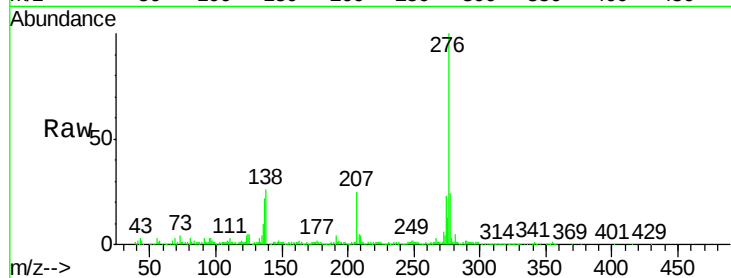
Acq: 26 Apr 2018 16:54

Instrument :

BNA_N

ClientSampleId :

DAS35



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	25.7	15.3	22.9	#
277	24.1	19.0	28.4	

Manual Integrations
APPROVED

Sohil
4/27/2018 7:27:02 PM

