

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
 Data File : BN000949.D
 Acq On : 27 Apr 2018 01:00
 Operator : JU/SJ
 Sample : J2526-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS64

Manual Integrations
 APPROVED

Quant Time: Apr 27 09:02:03 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 27 08:22:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	163441	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	694169	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	334359	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	588550	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	467297	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	493905	20.00	ng/ul	0.00

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System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	988217	30.77	ng/ul	0.00
10) Fluorene-d10	15.26	176	641644	29.94	ng/ul	0.00
14) Anthracene-d10	17.10	188	826015	30.69	ng/ul	0.00
18) Pyrene-d10	19.41	212	754014	31.49	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	789145	33.82	ng/ul	0.00

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Target Compounds

					Qvalue
13) Phenanthrene	17.05	178	80917	2.521 ng/ul	99
16) Fluoranthene	19.07	202	173944	5.341 ng/ul#	93
19) Pyrene	19.44	202	143080	4.767 ng/ul#	91
20) Benzo(a)anthracene	21.20	228	103235m	3.696 ng/ul	
21) Chrysene	21.25	228	95987	3.656 ng/ul	98
23) Benzo(b)fluoranthene	22.76	252	164330	5.855 ng/ul#	95
24) Benzo(k)fluoranthene	22.79	252	42373m	1.543 ng/ul	
26) Benzo(a)pyrene	23.32	252	102526	3.822 ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.59	276	85280	2.632 ng/ul#	88
29) Benzo(g,h,i)perylene	26.26	276	67073	2.475 ng/ul#	92

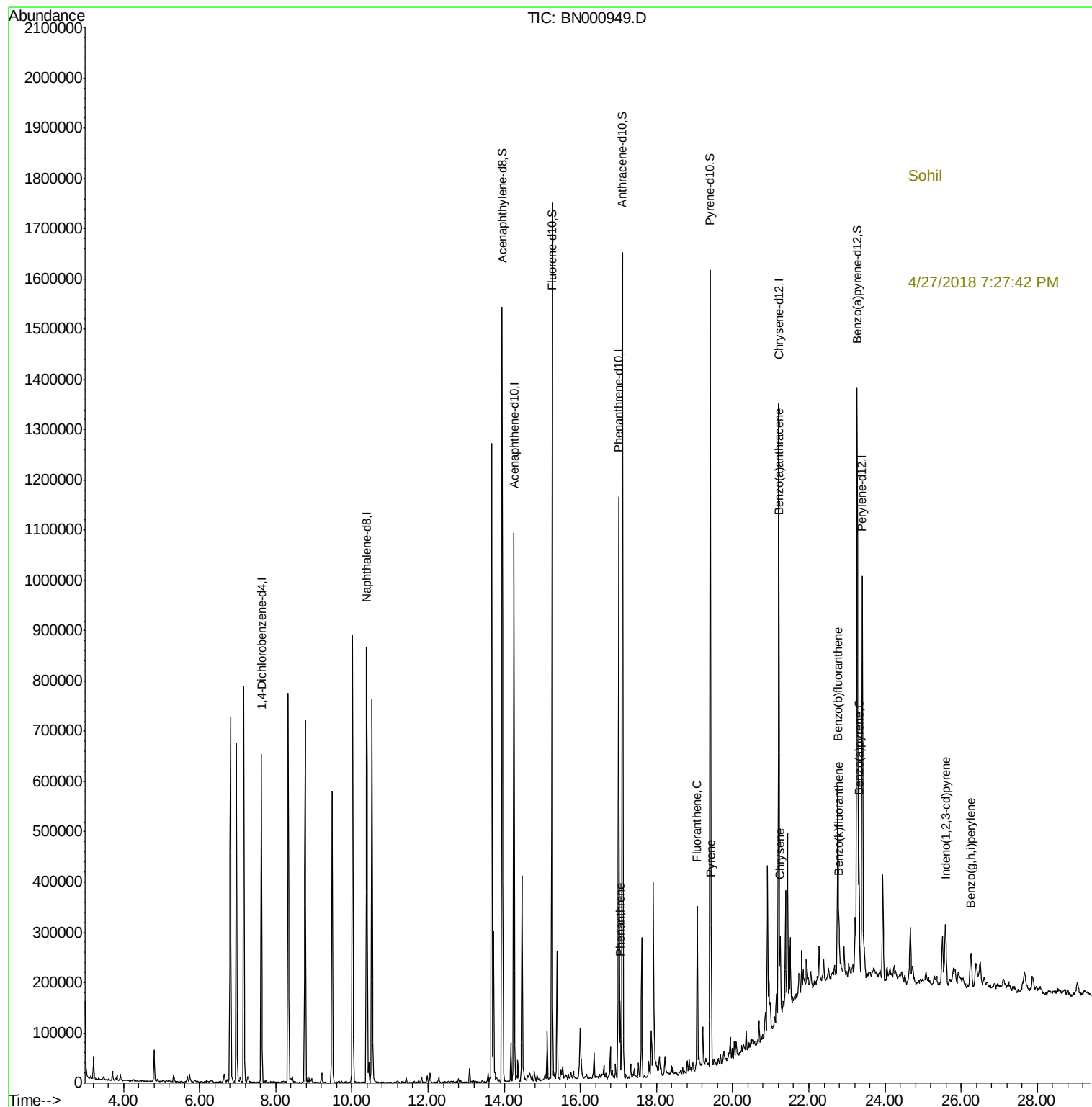
(#) = qualifier out of range (m) = manual integration (+) = signals summed

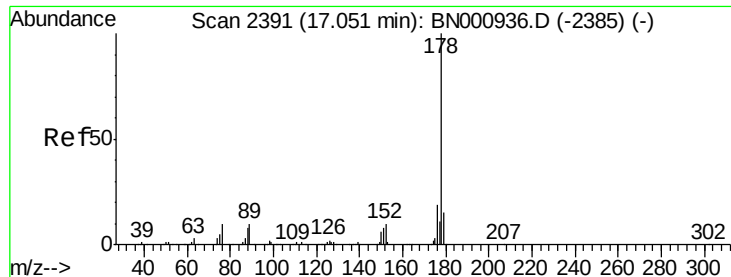
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
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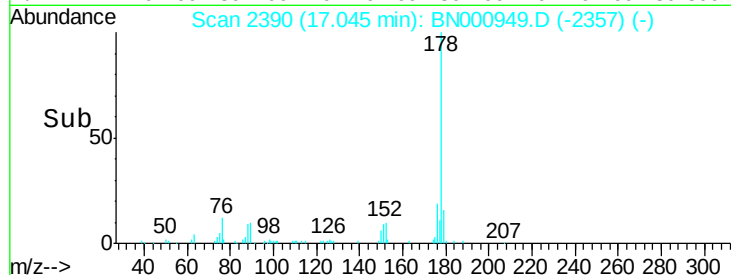
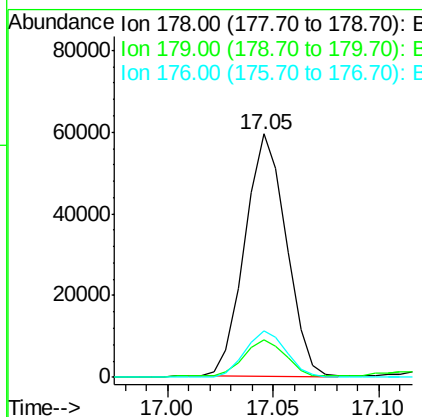
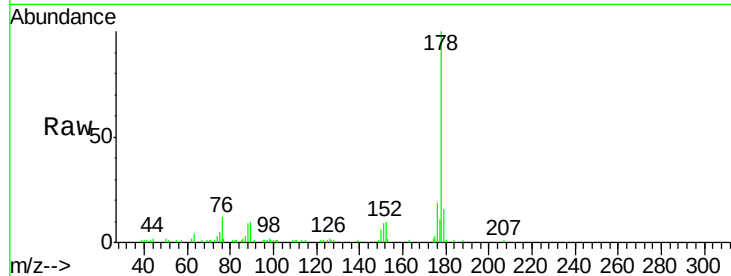


#13
Phenanthrene
Concen: 2.521 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BN000949.D
Acq: 27 Apr 2018 01:00

Instrument :
BNA_N
ClientSampled :
DAS64

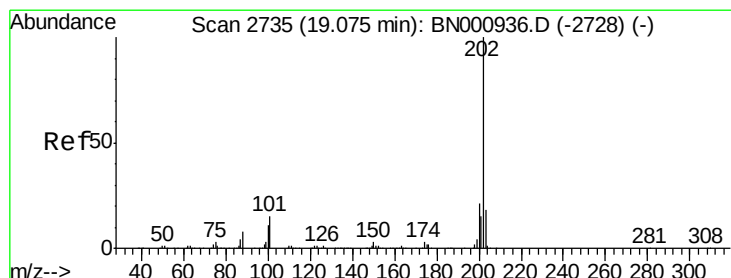
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.3	15.1	22.7

Manual Integrations
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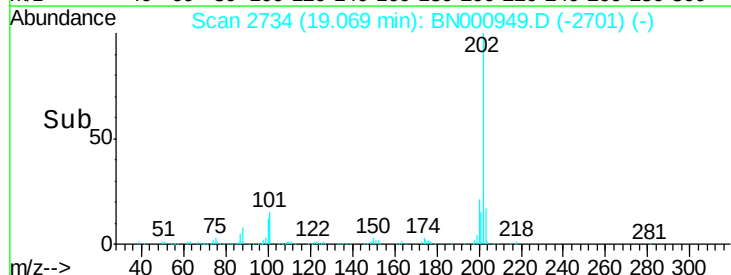
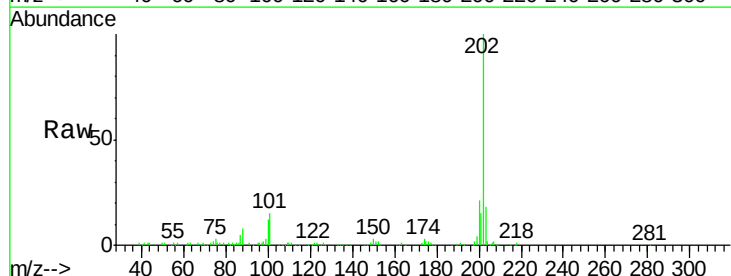
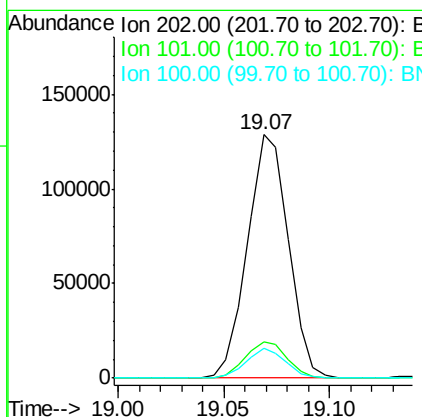
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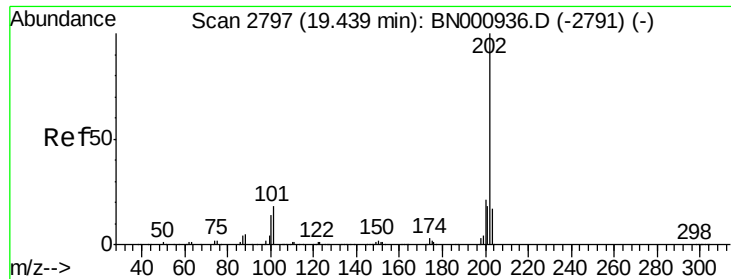
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#16
Fluoranthene
Concen: 5.341 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BN000949.D
Acq: 27 Apr 2018 01:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.9	9.9	14.9#
100	12.3	7.4	11.0#



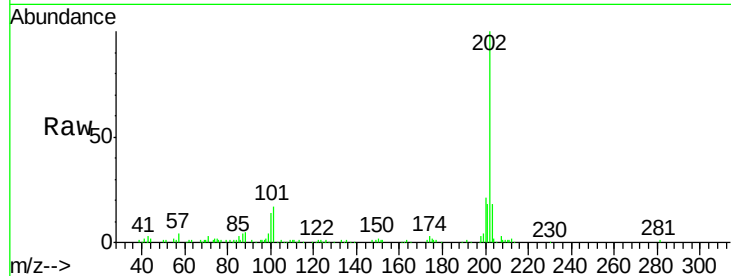


#19
Pyrene
Concen: 4.767 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BN000949.D
Acq: 27 Apr 2018 01:00

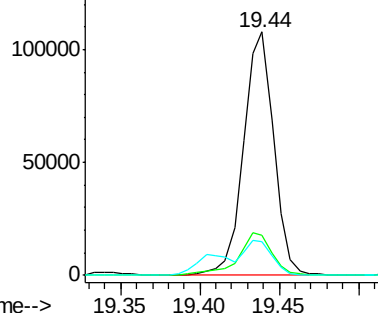
Instrument :
BNA_N
ClientSampled :
DAS64

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.6	11.0	16.4#
100	13.9	8.1	12.1#

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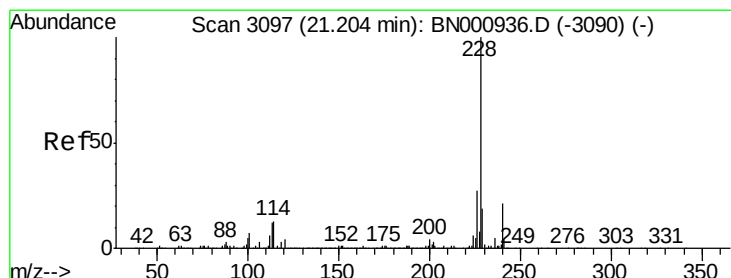
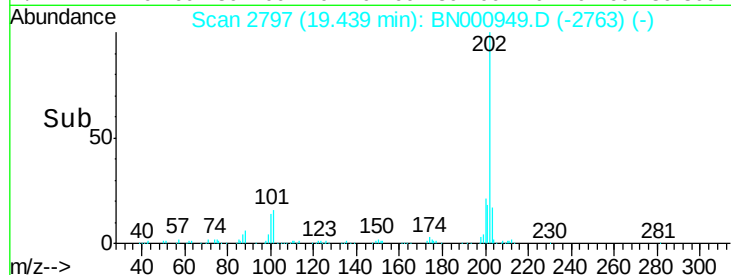


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



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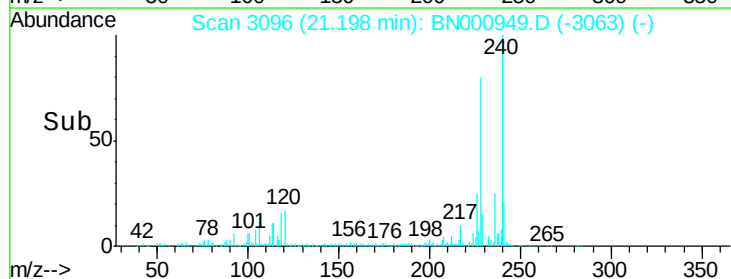
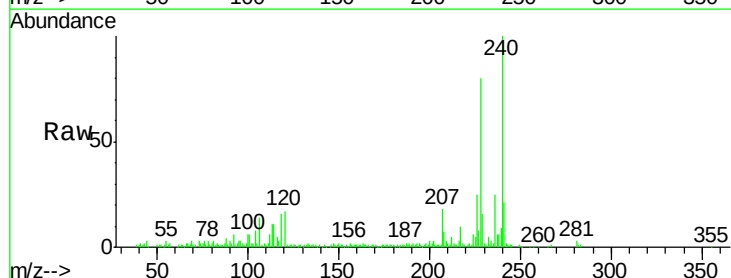
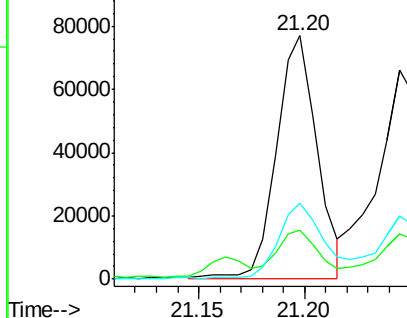
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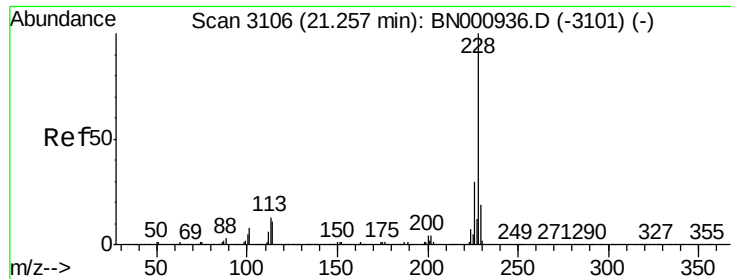


#20
Benzo(a)anthracene
Concen: 3.696 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BN000949.D
Acq: 27 Apr 2018 01:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.2	15.7	23.5
226	31.1	21.1	31.7

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



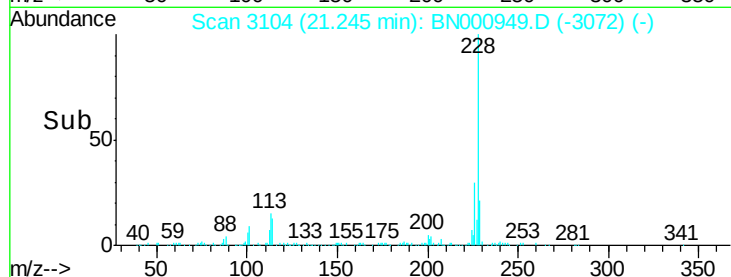
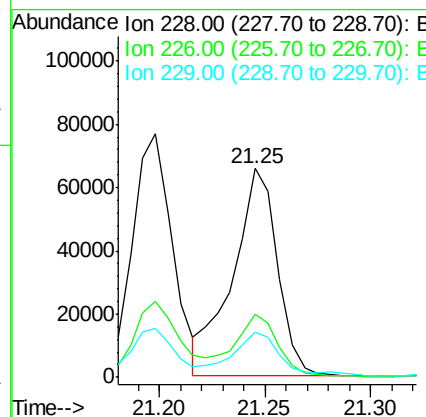
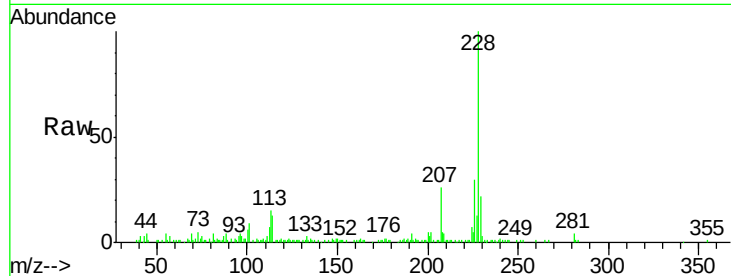


#21
Chrysene
Concen: 3.656 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN000949.D
Acq: 27 Apr 2018 01:00

Instrument :
BNA_N
ClientSampled :
DAS64

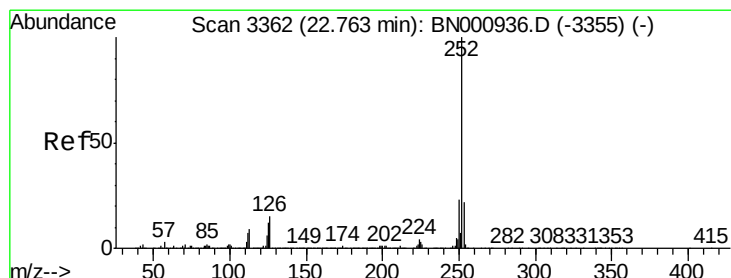
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.5	36.7
229	21.6	15.8	23.8

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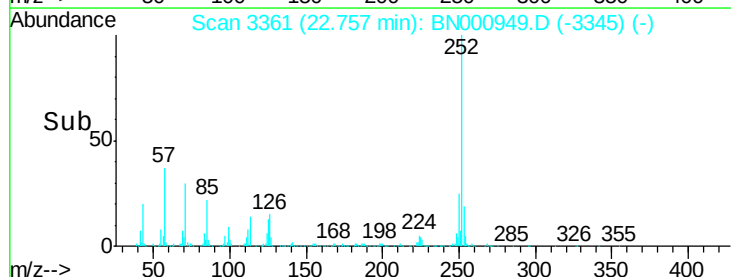
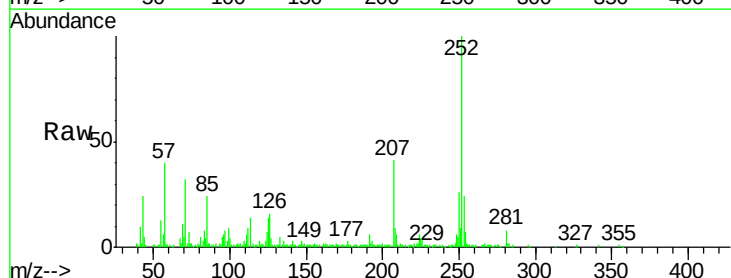
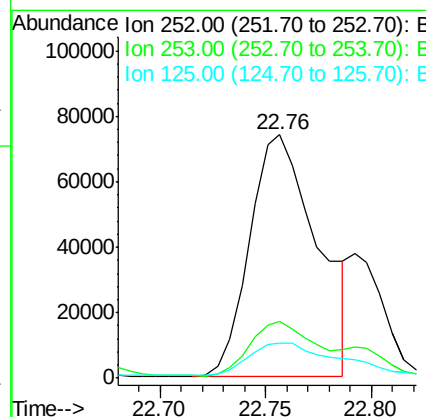
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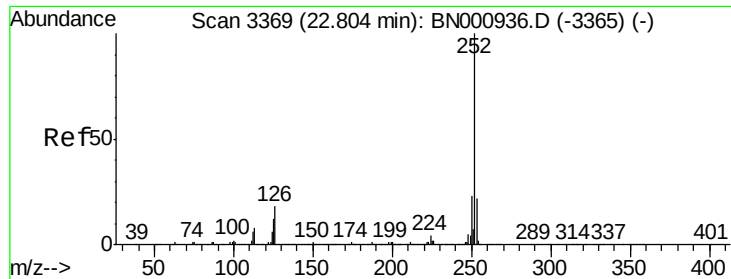
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#23
Benzo(b)fluoranthene
Concen: 5.855 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BN000949.D
Acq: 27 Apr 2018 01:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	14.2	8.0	12.0#



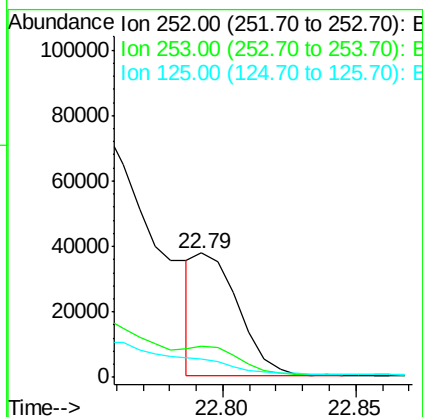
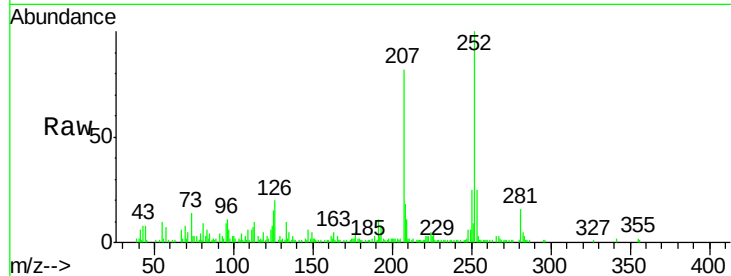


#24
Benzo(k)fluoranthene
Concen: 1.543 ng/ul m
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BN000949.D
Acq: 27 Apr 2018 01:00

Instrument :
BNA_N
ClientSampled :
DAS64

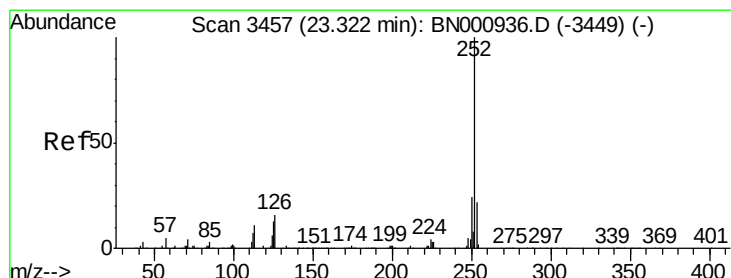
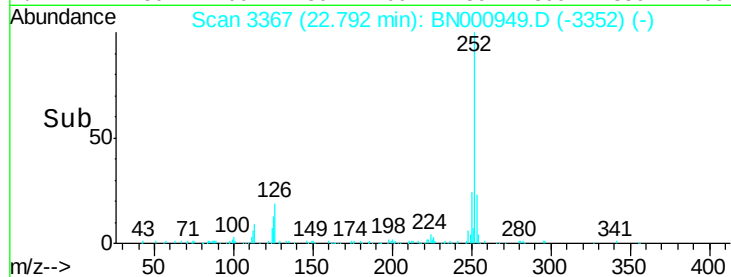
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	14.6	8.1	12.1#

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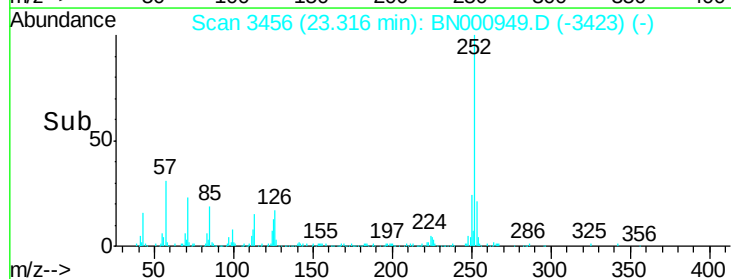
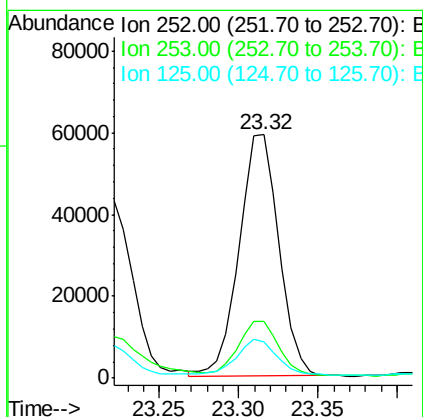
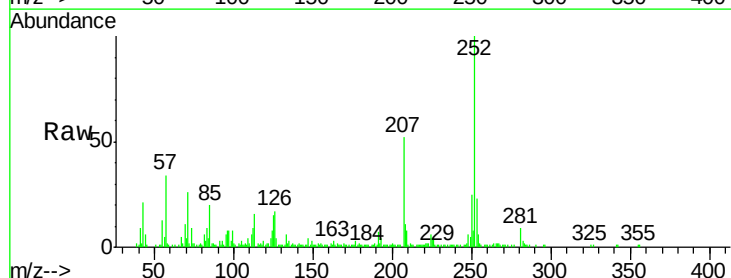
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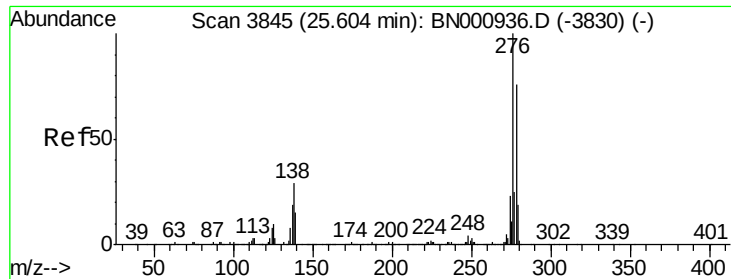
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#26
Benzo(a)pyrene
Concen: 3.822 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BN000949.D
Acq: 27 Apr 2018 01:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	15.1	8.2	12.4#



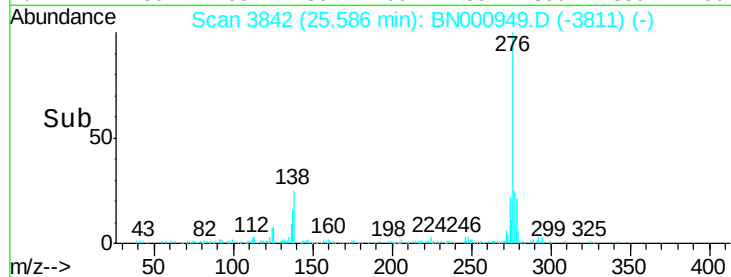
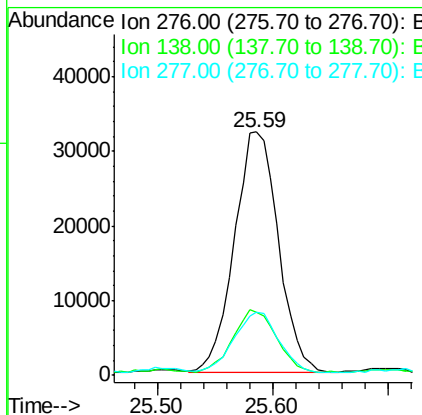
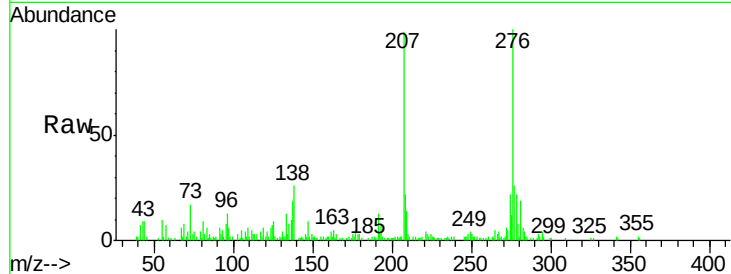


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.632 ng/ul
 RT: 25.59 min Scan# 3842
 Delta R.T. -0.02 min
 Lab File: BN000949.D
 Acq: 27 Apr 2018 01:00

Instrument :
 BNA_N
 ClientSampled :
 DAS64

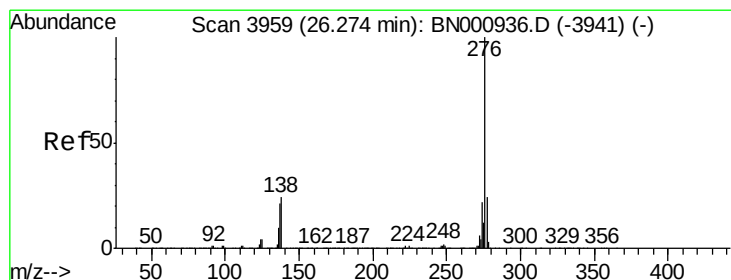
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	14.4	21.6#
277	25.9	18.0	27.0

Manual Integrations
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#29
 Benzo(g,h,i)perylene
 Concen: 2.475 ng/ul
 RT: 26.26 min Scan# 3956
 Delta R.T. -0.02 min
 Lab File: BN000949.D
 Acq: 27 Apr 2018 01:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	15.3	22.9#
277	24.9	19.0	28.4

