

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
 Data File : BN001940.D
 Acq On : 03 Jul 2018 13:09
 Operator : JU/SJ
 Sample : J3721-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H16

Manual Integrations
 APPROVED

Sohil
 7/5/2018 4:31:09 PM

Quant Time: Jul 04 00:25:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 03 23:50:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	518420	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2445725	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1493036	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3449451	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	3574411	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	3325238	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	63866	5.35	ng/uL	0.00
5) Phenol-d5	6.88	99	1410957	30.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	942496	32.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1127232	30.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	1152610	30.67	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	589592	32.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	655049	34.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1182501	29.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1612658	38.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	4106805	32.57	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	4989795	32.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	609244	26.23	ng/ul	0.00
57) Fluorene-d10	15.33	176	3587698	32.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	526022	28.00	ng/ul	0.00
70) Anthracene-d10	17.18	188	5542467	33.26	ng/ul	0.00
76) Pyrene-d10	19.48	212	6293325	34.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	6262867	34.63	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.91	94	78538	1.660	ng/ul	97
44) Dimethylphthalate	13.80	163	1754632	14.160	ng/ul	98
74) Fluoranthene	19.15	202	430028	2.105	ng/ul#	89
77) Pyrene	19.51	202	854712	3.821	ng/ul#	86
80) Benzo(a)anthracene	21.26	228	749043	3.316	ng/ul	97
82) Chrysene	21.32	228	872054	4.149	ng/ul	98
85) Benzo(b)fluoranthene	22.84	252	1589835	7.570	ng/ul#	95
86) Benzo(k)fluoranthene	22.88	252	434770m	2.135	ng/ul	
88) Benzo(a)pyrene	23.42	252	865407	4.409	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.73	276	485698	2.326	ng/ul#	91
91) Benzo(g,h,i)perylene	26.42	276	363751	2.112	ng/ul#	90

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

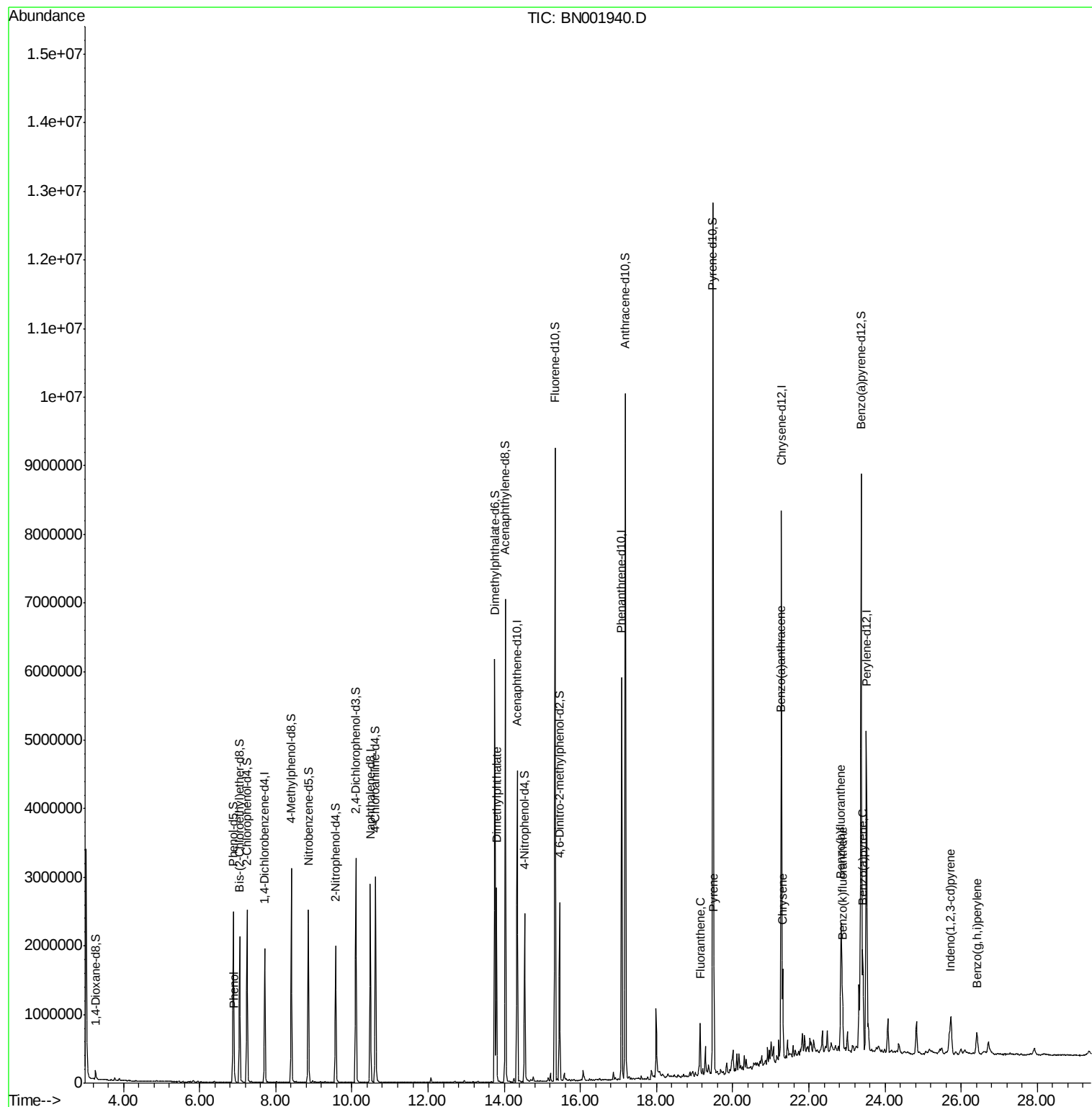
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001940.D
Acq On : 03 Jul 2018 13:09
Operator : JU/SJ
Sample : J3721-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

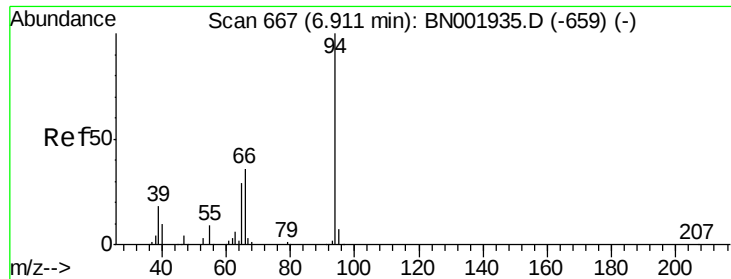
Instrument :
BNA_N
ClientSampleId :
F1H16

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QLast Update : Tue Jul 03 23:50:21 2018
Response via : Initial Calibration





#6

Phenol

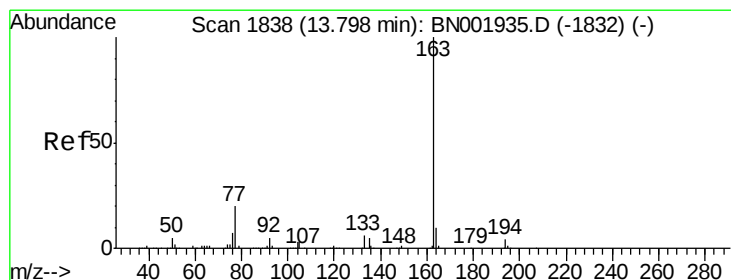
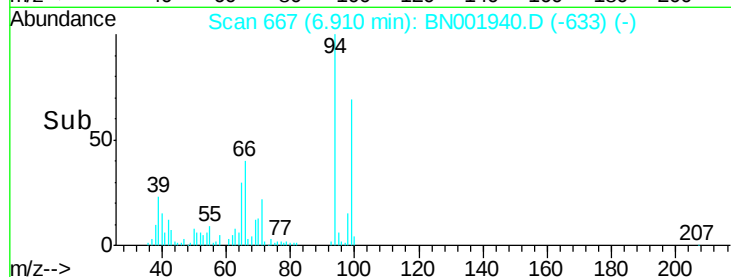
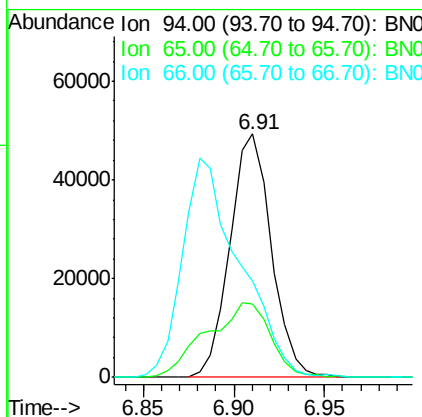
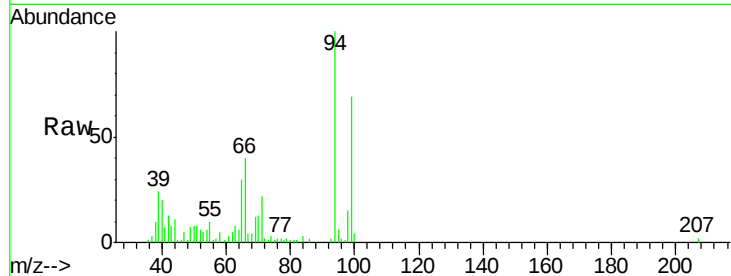
Concen: 1.660 ng/ul
 RT: 6.91 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: BN001940.D
 Acq: 03 Jul 2018 13:09

Instrument :
 BNA_N
 ClientSampleId :
 F1H16

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.3	23.0	34.6
66	39.7	30.4	45.6

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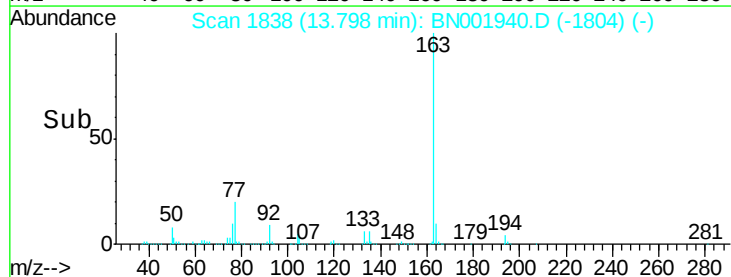
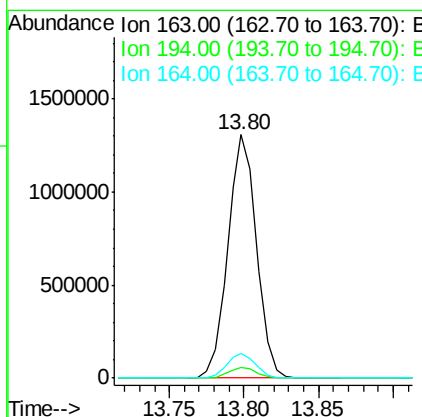
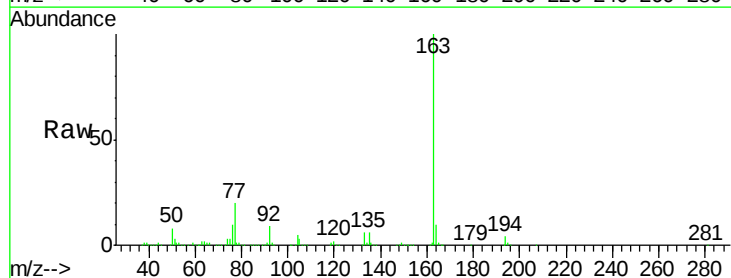


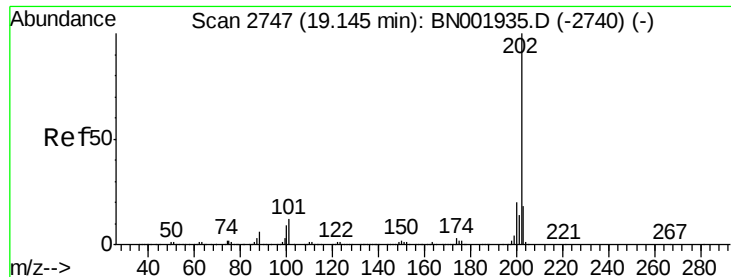
#44

Dimethylphthalate

Concen: 14.160 ng/ul
 RT: 13.80 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BN001940.D
 Acq: 03 Jul 2018 13:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	4.0	6.0
164	10.1	8.4	12.6





#74

Fluoranthene

Concen: 2.105 ng/ul

RT: 19.15 min Scan# 2747

Delta R.T. -0.00 min

Lab File: BN001940.D

Acq: 03 Jul 2018 13:09

Instrument :

BNA_N

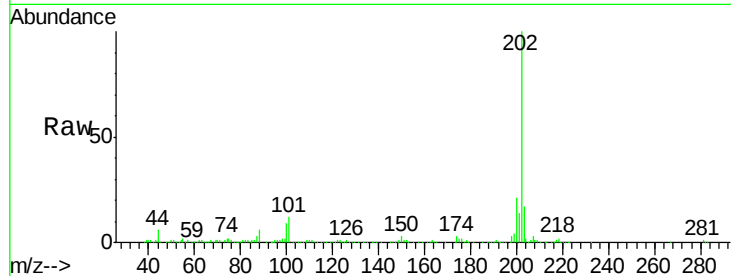
ClientSampleId :

F1H16

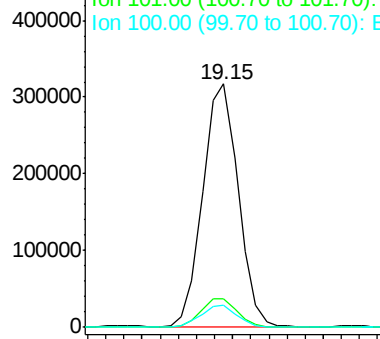
Tgt	Ion	202	Resp:	430028
Ion	Ratio	Lower	Upper	
202	100			
101	11.8	6.1	9.1#	
100	8.9	4.6	7.0#	

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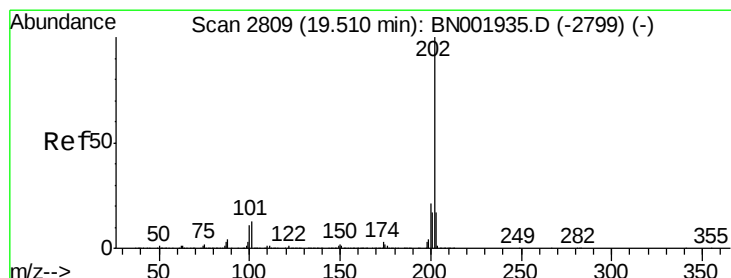
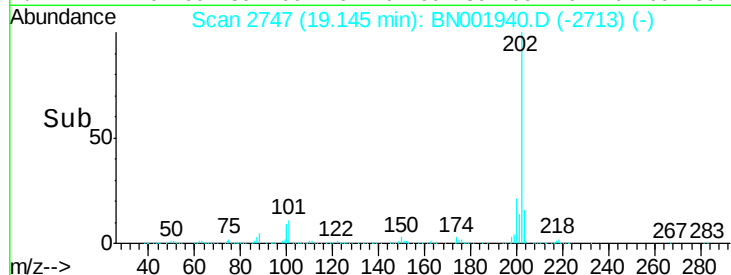
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Abundance Ion 202.00 (201.70 to 202.70): E



Time-->



#77

Pyrene

Concen: 3.821 ng/ul

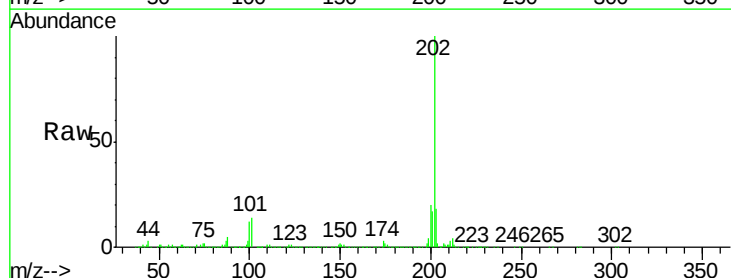
RT: 19.51 min Scan# 2809

Delta R.T. -0.00 min

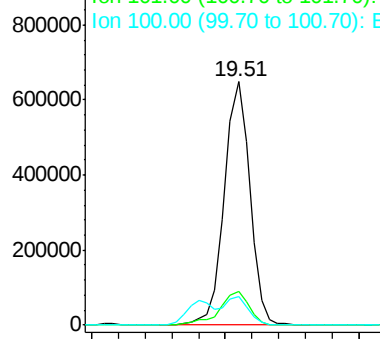
Lab File: BN001940.D

Acq: 03 Jul 2018 13:09

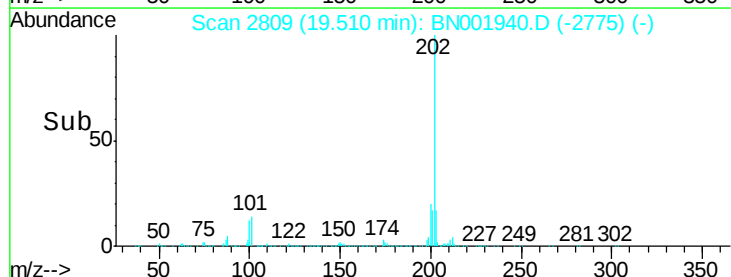
Tgt	Ion	202	Resp:	854712
Ion	Ratio	Lower	Upper	
202	100			
101	13.7	6.9	10.3#	
100	11.6	5.6	8.4#	

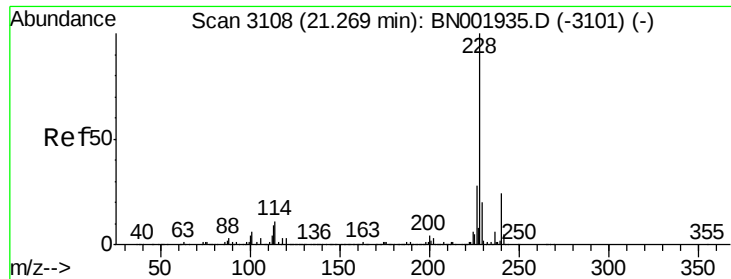


Abundance Ion 202.00 (201.70 to 202.70): E



Time-->





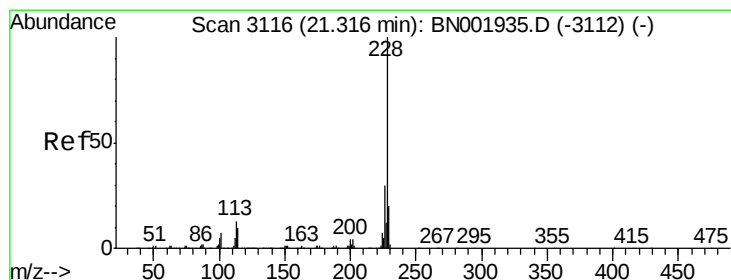
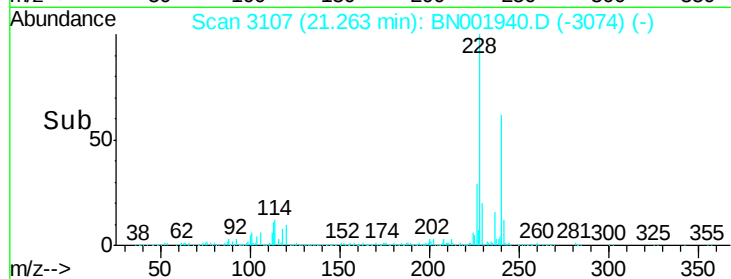
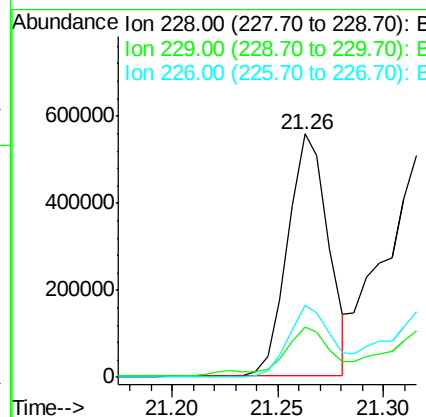
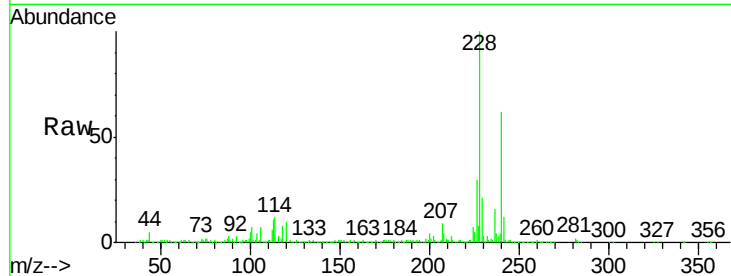
#80
Benzo(a)anthracene
Concen: 3.316 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BN001940.D
Acq: 03 Jul 2018 13:09

Instrument :
BNA_N
ClientSampled :
F1H16

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.0	24.0
226	29.7	21.8	32.8

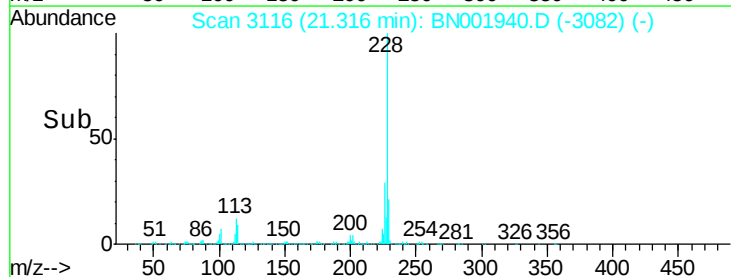
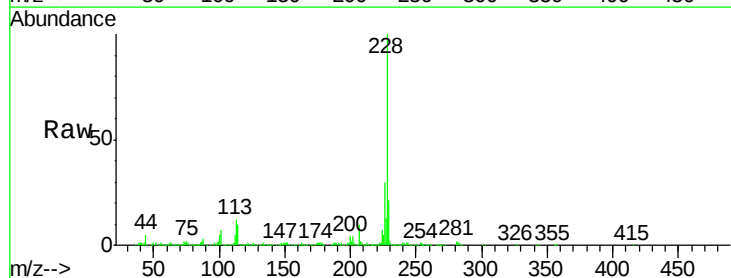
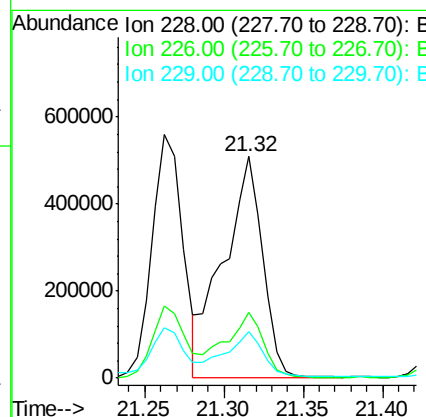
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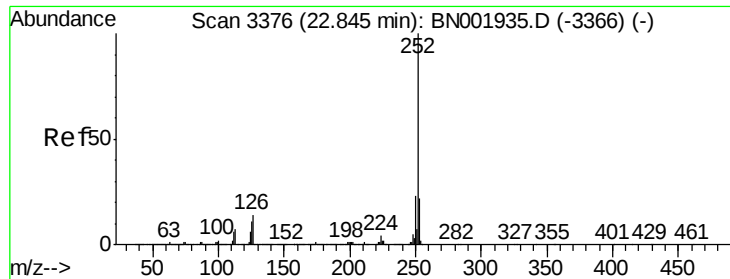
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#82
Chrysene
Concen: 4.149 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BN001940.D
Acq: 03 Jul 2018 13:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	21.2	16.0	24.0





#85

Benzo(b)fluoranthene

Concen: 7.570 ng/ul

RT: 22.84 min Scan# 3376

Delta R.T. -0.00 min

Lab File: BN001940.D

Acq: 03 Jul 2018 13:09

Instrument :

BNA_N

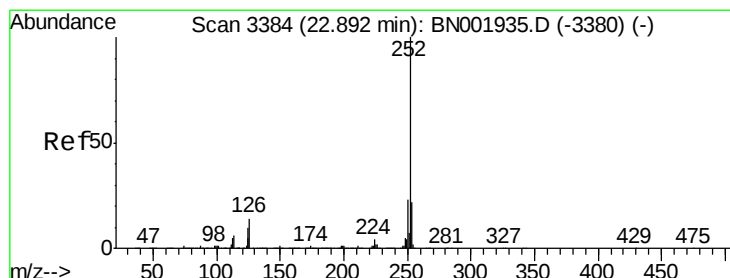
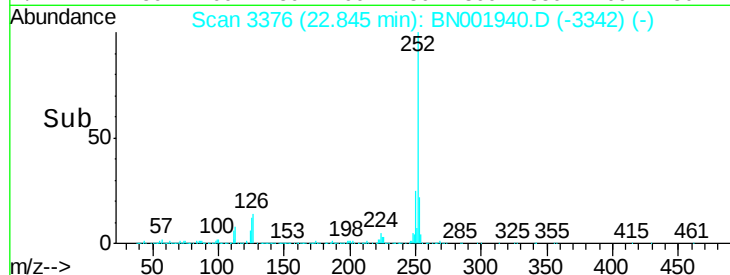
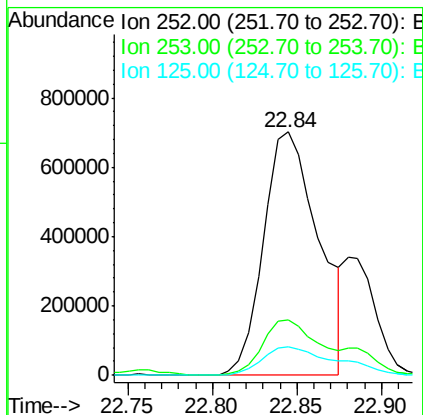
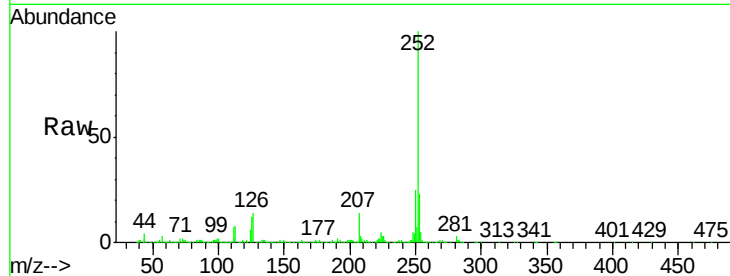
ClientSampleId :

F1H16

Tgt Ion:	252	Resp:	1589835
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.0
125	11.6	4.9	7.3#

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#86

Benzo(k)fluoranthene

Concen: 2.135 ng/ul m

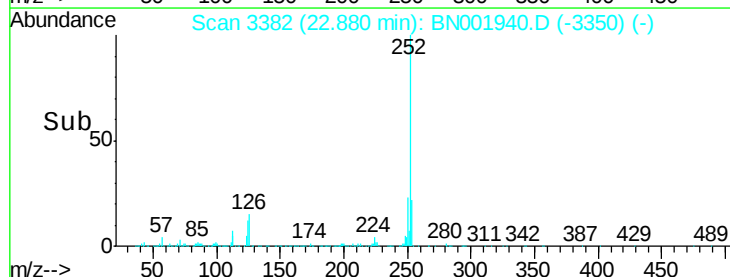
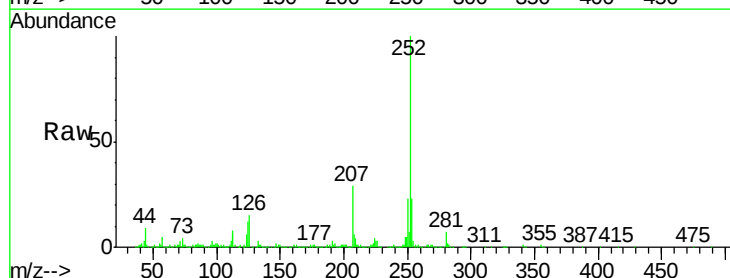
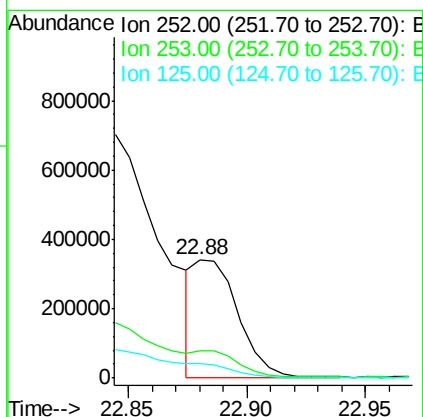
RT: 22.88 min Scan# 3382

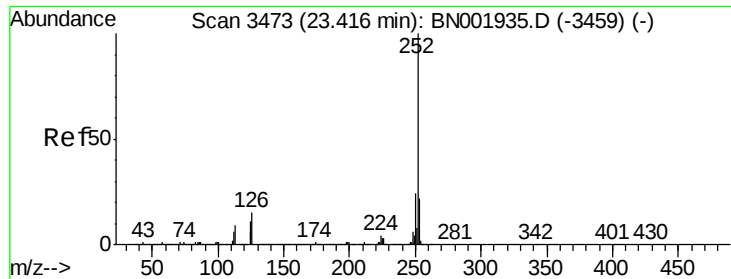
Delta R.T. -0.01 min

Lab File: BN001940.D

Acq: 03 Jul 2018 13:09

Tgt Ion:	252	Resp:	434770
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.1	25.7
125	12.4	5.4	8.0#





#88

Benzo(a)pyrene

Concen: 4.409 ng/ul

RT: 23.42 min Scan# 3473

Delta R.T. -0.00 min

Lab File: BN001940.D

Acq: 03 Jul 2018 13:09

Instrument :

BNA_N

ClientSampleId :

F1H16

Tgt Ion: 252 Resp: 865407
Ion Ratio Lower Upper

252 100

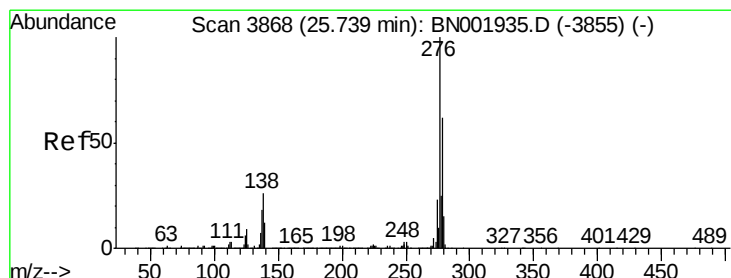
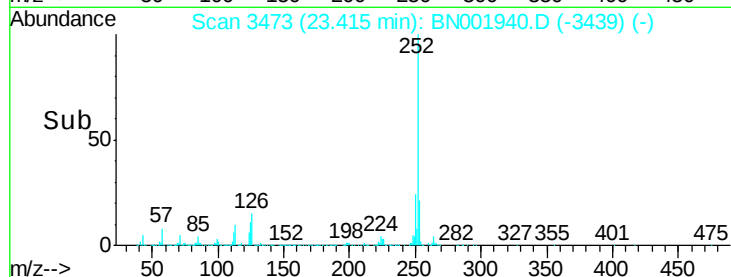
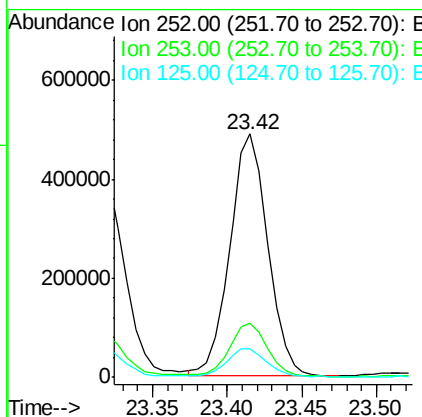
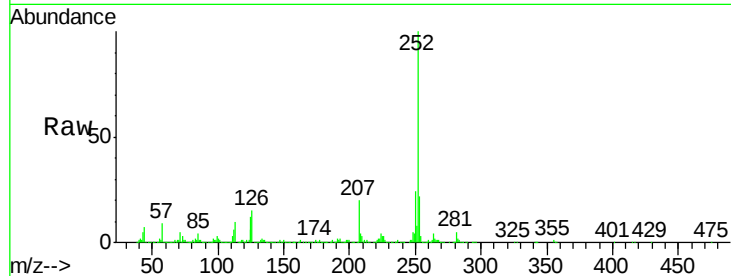
253 22.4 17.2 25.8

125 11.6 5.8 8.6#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 2.326 ng/ul

RT: 25.73 min Scan# 3867

Delta R.T. -0.01 min

Lab File: BN001940.D

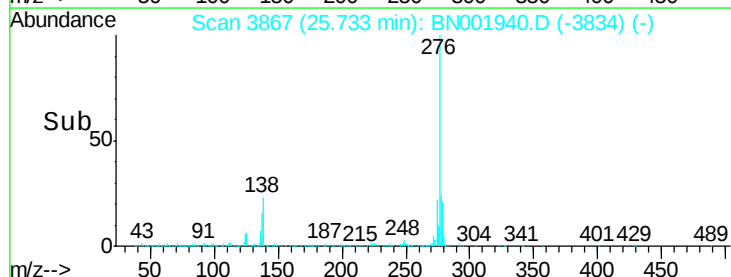
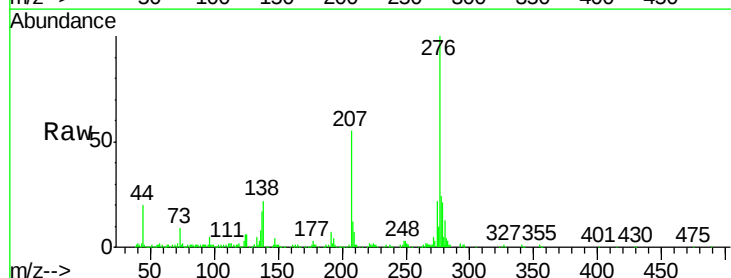
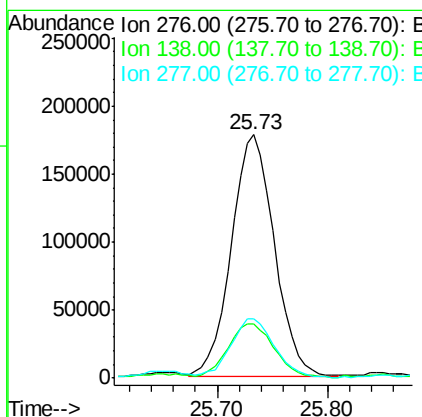
Acq: 03 Jul 2018 13:09

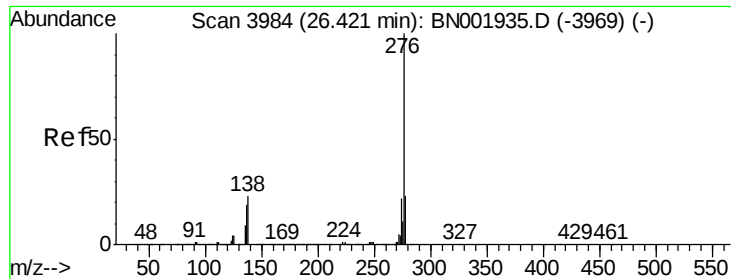
Tgt Ion: 276 Resp: 485698
Ion Ratio Lower Upper

276 100

138 22.5 10.9 16.3#

277 24.3 18.9 28.3





#91

Benzo(g,h,i)perylene

Concen: 2.112 ng/ul

RT: 26.42 min Scan# 3983

Delta R.T. -0.01 min

Lab File: BN001940.D

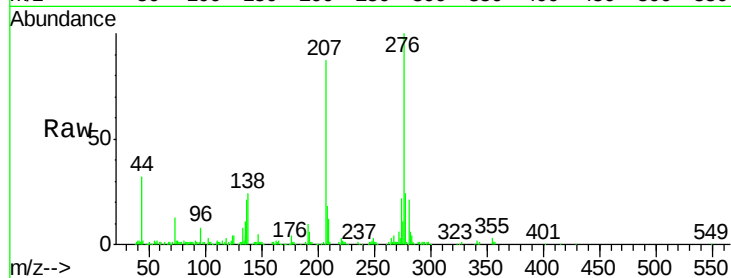
Acq: 03 Jul 2018 13:09

Instrument :

BNA_N

ClientSampleId :

F1H16



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	24.4	11.2	16.8#	
277	23.9	19.0	28.6	

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