

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
 Data File : BN001948.D
 Acq On : 03 Jul 2018 17:52
 Operator : JU/SJ
 Sample : J3721-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H20

Manual Integrations
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Quant Time: Jul 04 01:49:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 04 00:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	618899	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2868020	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1720956	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3789088	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	3341099	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2732767	20.00	ng/ul	0.00

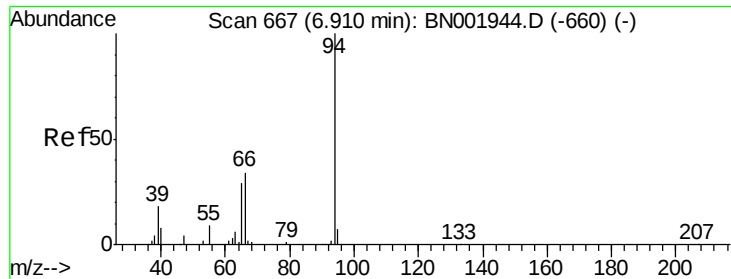
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	54629	3.83	ng/uL	0.00
5) Phenol-d5	6.88	99	1230667	21.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	793315	22.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	994969	22.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	945856	21.08	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	514475	24.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	578714	26.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1037111	22.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1331808	27.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	3318649	22.84	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	4106164	22.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	413253	15.44	ng/ul	0.00
57) Fluorene-d10	15.33	176	2906612	22.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	391947	18.99	ng/ul	0.00
70) Anthracene-d10	17.18	188	4405526	24.06	ng/ul	0.00
76) Pyrene-d10	19.48	212	4841455	28.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	3743269	25.19	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.91	94	83567	1.480	ng/ul	99
44) Dimethylphthalate	13.80	163	1748785	12.243	ng/ul	99
47) Acenaphthylene	14.06	152	182563	1.054	ng/ul	100
71) Anthracene	17.22	178	248648	1.151	ng/ul	98
74) Fluoranthene	19.15	202	669178	2.983	ng/ul#	90
77) Pyrene	19.51	202	1737593	8.311	ng/ul#	87
80) Benzo(a)anthracene	21.26	228	1406665	6.662	ng/ul	95
82) Chrysene	21.32	228	2463249	12.538	ng/ul	99
85) Benzo(b)fluoranthene	22.85	252	4438184	25.714	ng/ul#	94
86) Benzo(k)fluoranthene	22.89	252	1453087m	8.682	ng/ul	
88) Benzo(a)pyrene	23.42	252	2387365	14.802	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.74	276	1448188	8.438	ng/ul#	88
90) Dibenzo(a,h)anthracene	25.74	278	393416	2.754	ng/ul#	89
91) Benzo(g,h,i)perylene	26.42	276	1096325	7.744	ng/ul#	90

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



#6

Phenol

Concen: 1.480 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. 0.00 min

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Instrument :

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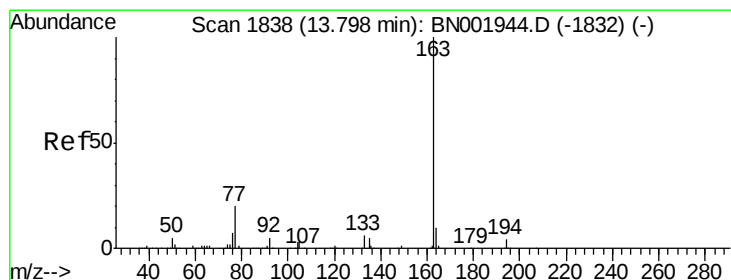
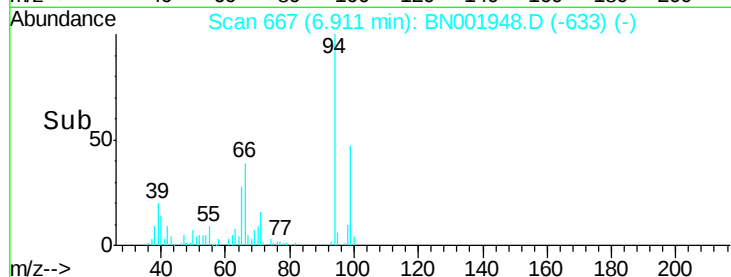
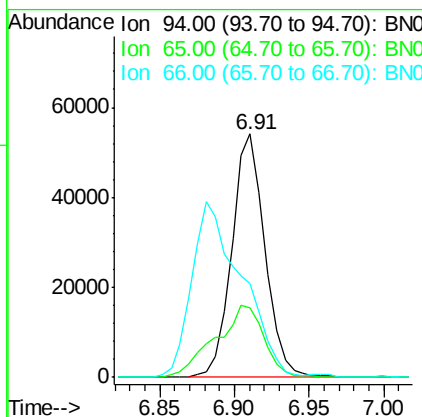
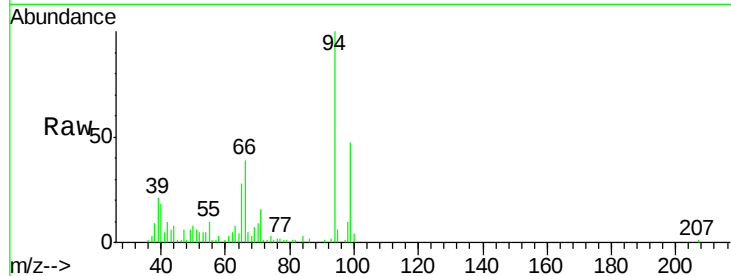
ClientSampleId :

F1H20

Tgt Ion:	94	Resp:	83567
Ion Ratio	Lower	Upper	
94	100		
65	28.4	23.0	34.6
66	38.8	30.4	45.6

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#44

Dimethylphthalate

Concen: 12.243 ng/ul

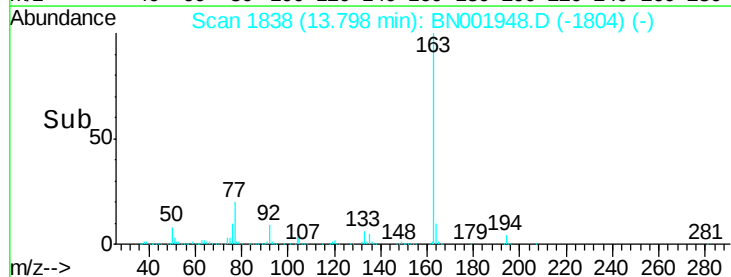
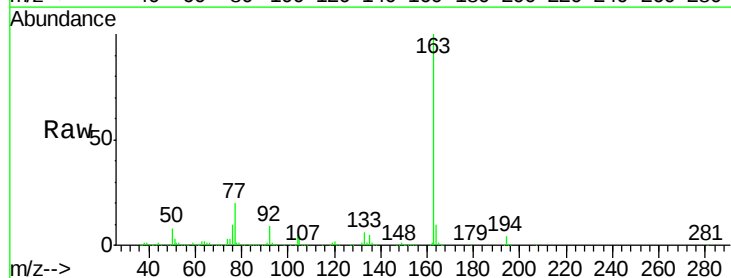
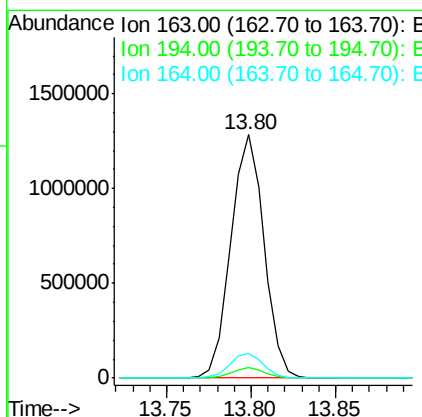
RT: 13.80 min Scan# 1838

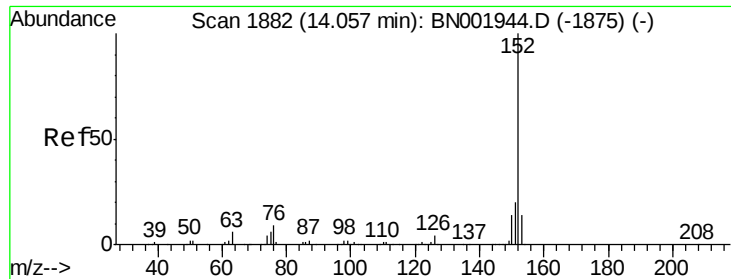
Delta R.T. 0.00 min

Lab File: BN001948.D

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Tgt Ion:	163	Resp:	1748785
Ion Ratio	Lower	Upper	
163	100		
194	4.3	4.0	6.0
164	10.2	8.4	12.6





#47

Acenaphthylene

Concen: 1.054 ng/ul

RT: 14.06 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BN001948.D

Acq: 03 Jul 2018 17:52

Instrument :

BNA_N

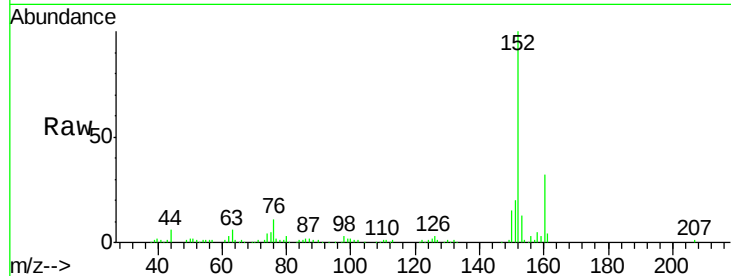
ClientSampleId :

F1H20

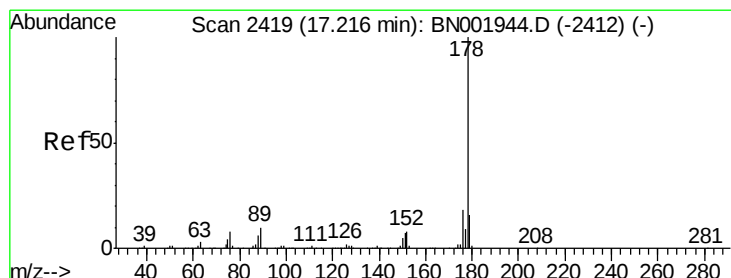
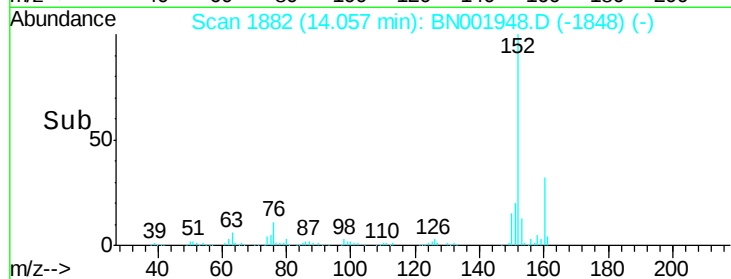
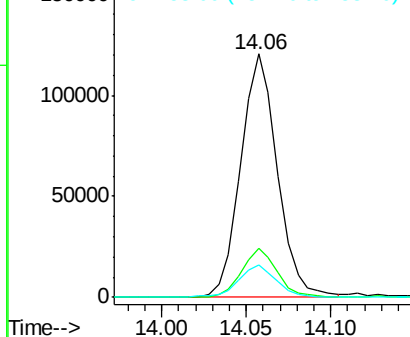
Tgt Ion:	152	Resp:	182563
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.1	24.1
153	13.4	10.8	16.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#71

Anthracene

Concen: 1.151 ng/ul

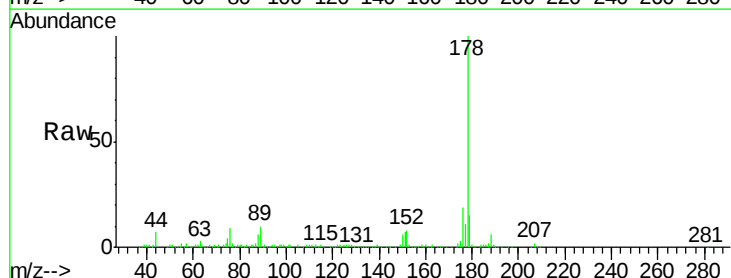
RT: 17.22 min Scan# 2419

Delta R.T. 0.00 min

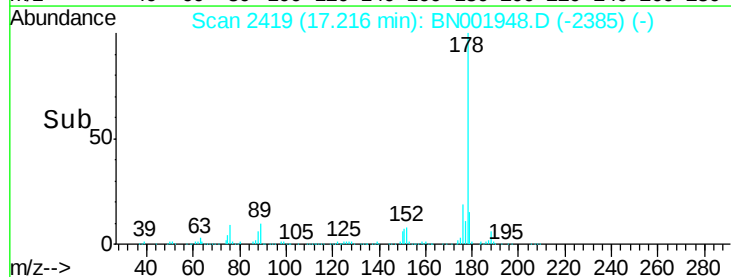
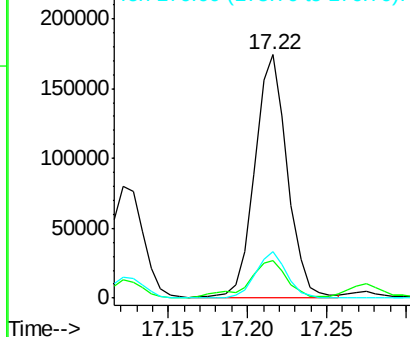
Lab File: BN001948.D

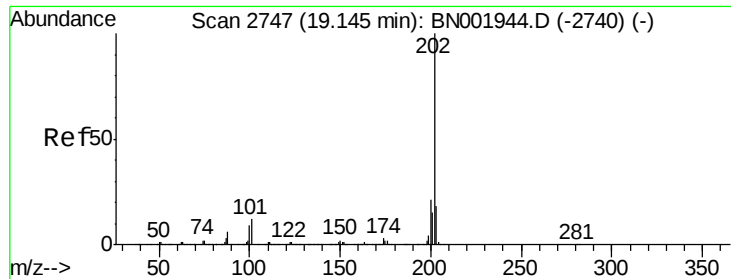
Acq: 03 Jul 2018 17:52

Tgt Ion:	178	Resp:	248648
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.4	20.2
176	19.1	15.4	23.0



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





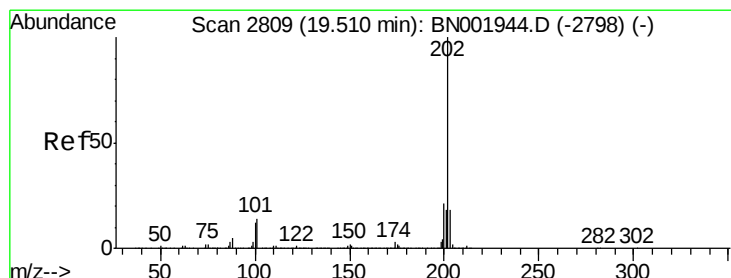
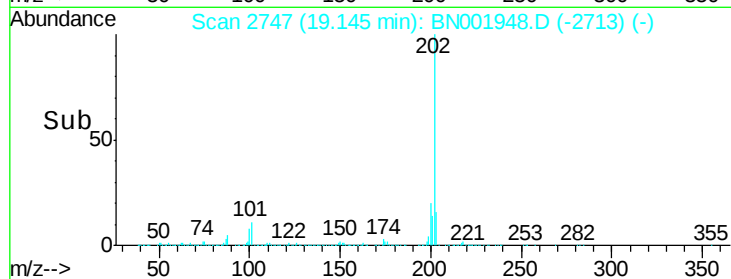
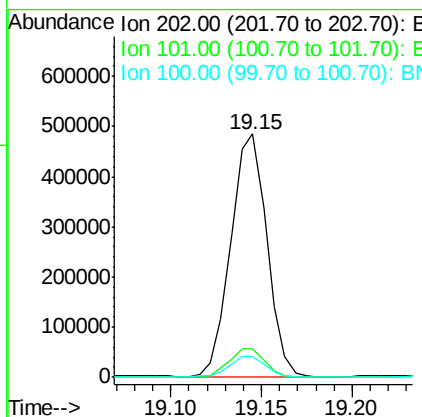
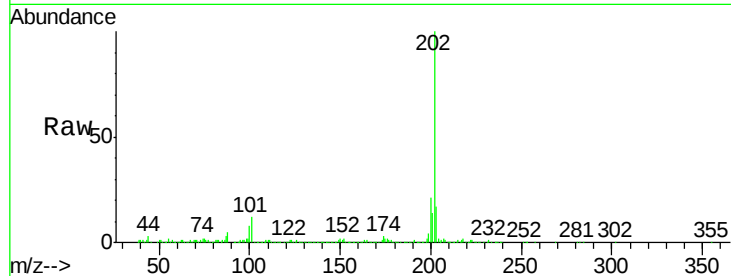
#74
 Fluoranthene
 Concen: 2.983 ng/ul
 RT: 19.15 min Scan# 2747
 Delta R.T. 0.00 min
 Lab File: BN001948.D
 Acq: 03 Jul 2018 17:52

Instrument :
 BNA_N
 ClientSampleId :
 F1H20

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.8	6.1	9.1#
100	8.3	4.6	7.0#

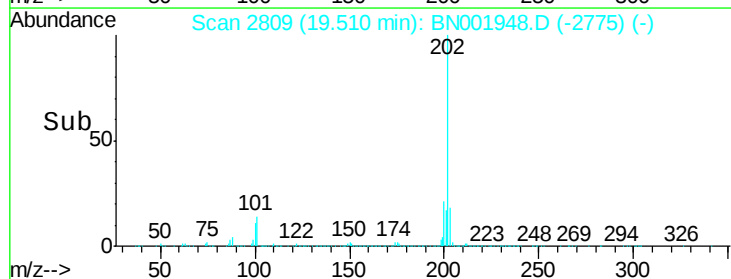
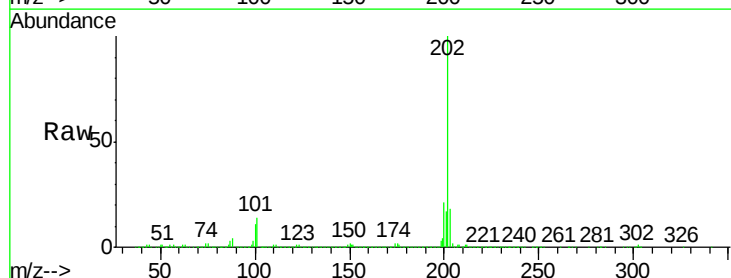
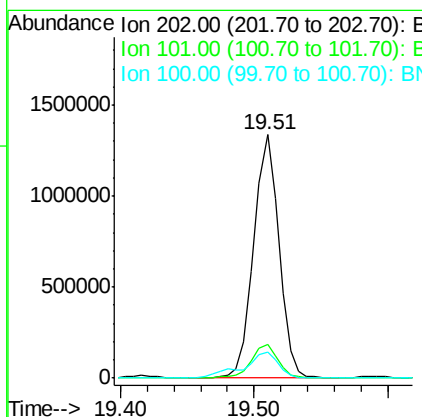
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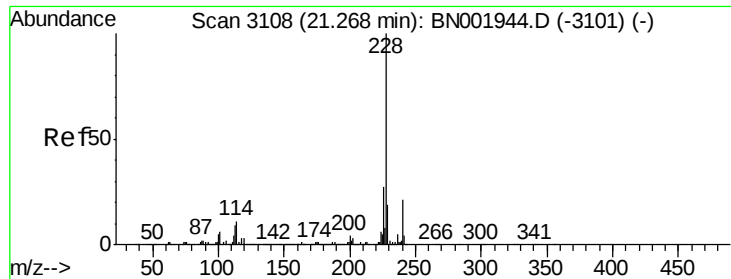
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#77
 Pyrene
 Concen: 8.311 ng/ul
 RT: 19.51 min Scan# 2809
 Delta R.T. 0.00 min
 Lab File: BN001948.D
 Acq: 03 Jul 2018 17:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.7	6.9	10.3#
100	10.9	5.6	8.4#





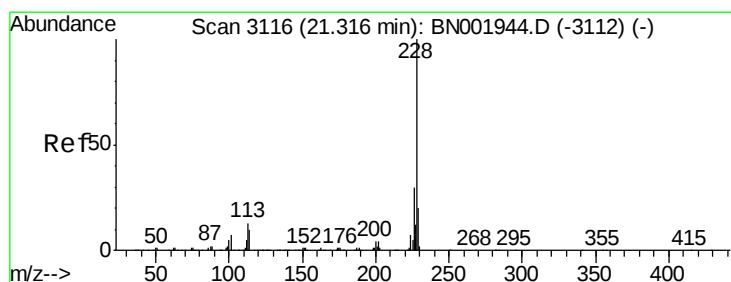
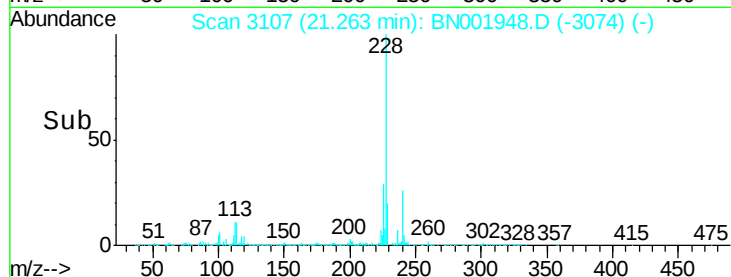
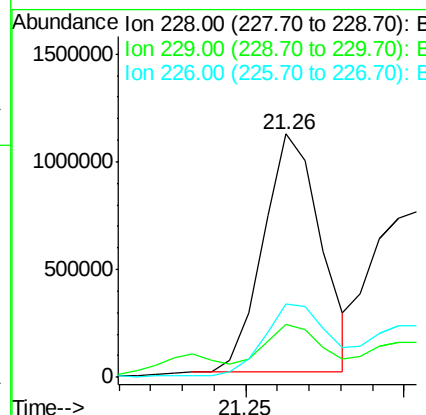
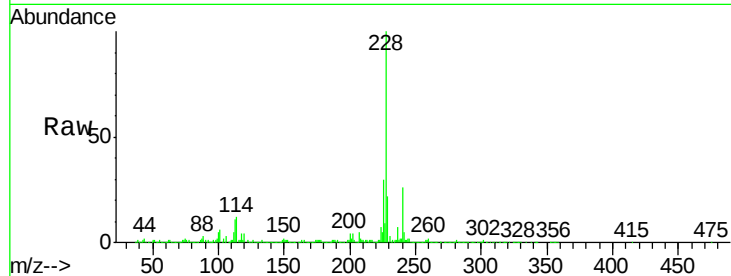
#80
Benzo(a)anthracene
Concen: 6.662 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BN001948.D
Acq: 03 Jul 2018 17:52

Instrument :
BNA_N
ClientSampled :
F1H20

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.0	24.0
226	30.0	21.8	32.8

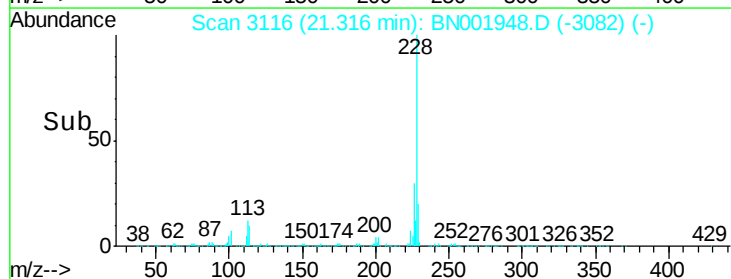
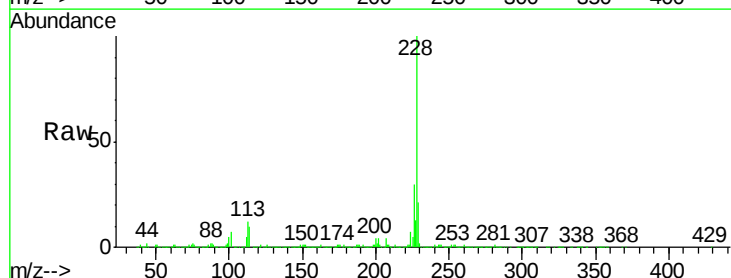
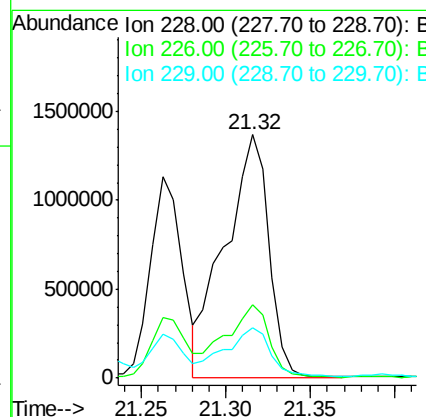
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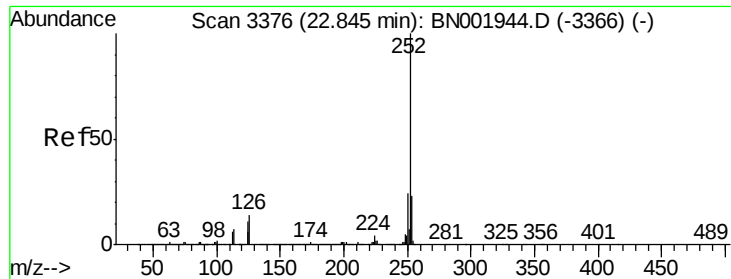
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#82
Chrysene
Concen: 12.538 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. 0.00 min
Lab File: BN001948.D
Acq: 03 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	20.6	16.0	24.0





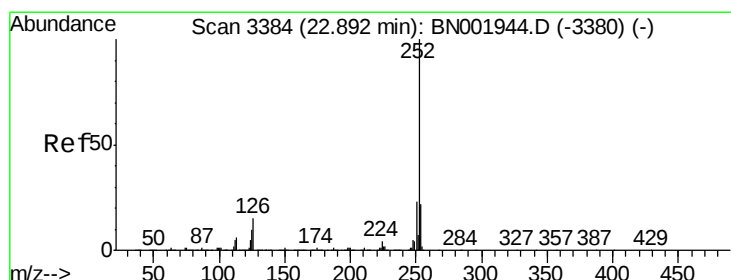
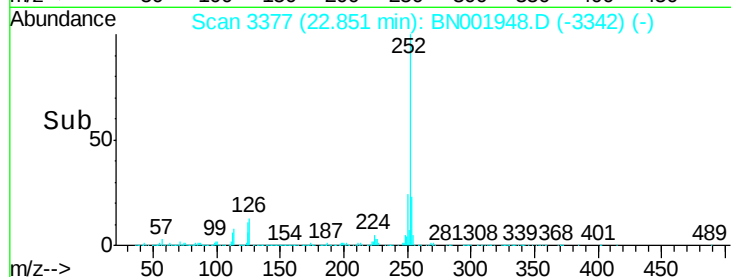
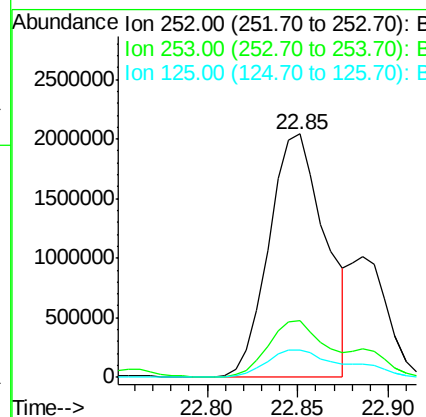
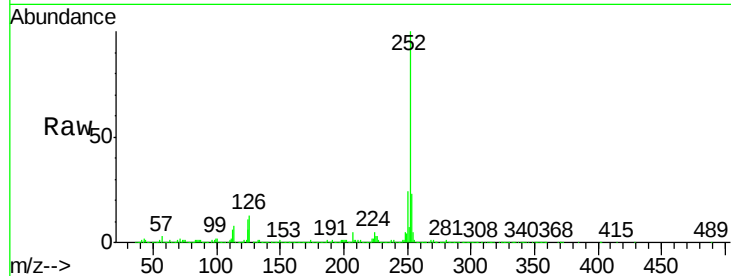
#85
Benzo(b)fluoranthene
Concen: 25.714 ng/ul
RT: 22.85 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BN001948.D
Acq: 03 Jul 2018 17:52

Instrument :
BNA_N
ClientSampled :
F1H20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	11.3	4.9	7.3

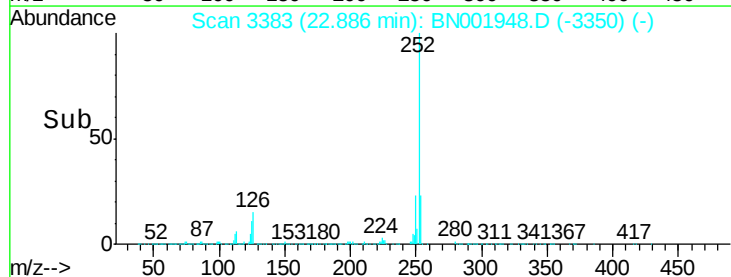
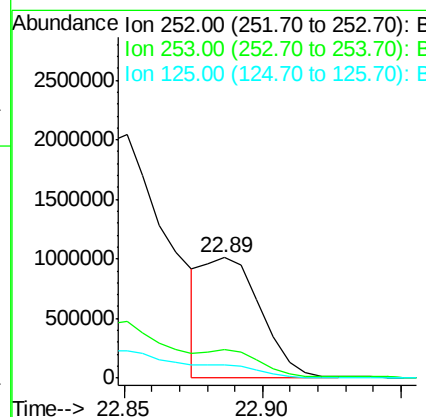
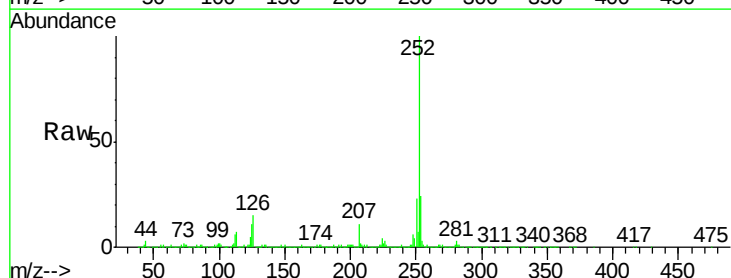
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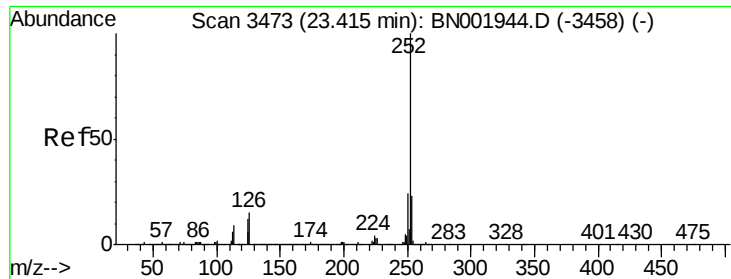
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#86
Benzo(k)fluoranthene
Concen: 8.682 ng/ul m
RT: 22.89 min Scan# 3383
Delta R.T. -0.01 min
Lab File: BN001948.D
Acq: 03 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	11.1	5.4	8.0





#88

Benzo(a)pyrene

Concen: 14.802 ng/ul

RT: 23.42 min Scan# 3473

Delta R.T. 0.00 min

Lab File: BN001948.D

Acq: 03 Jul 2018 17:52

Instrument :

BNA_N

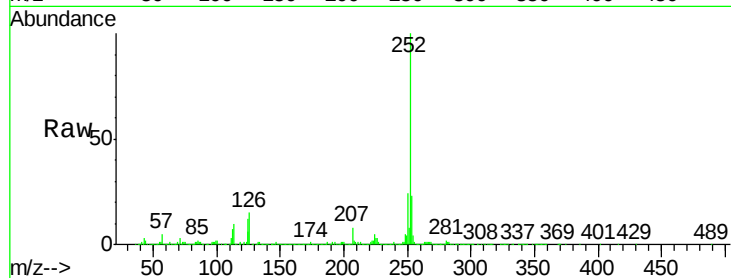
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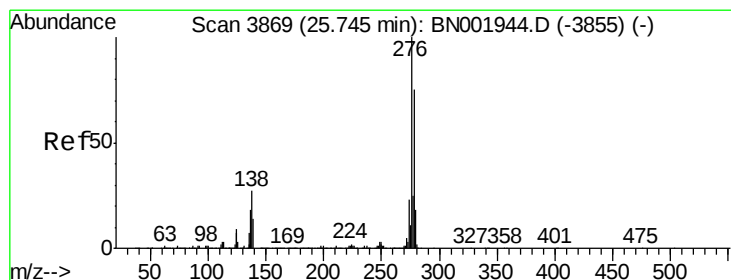
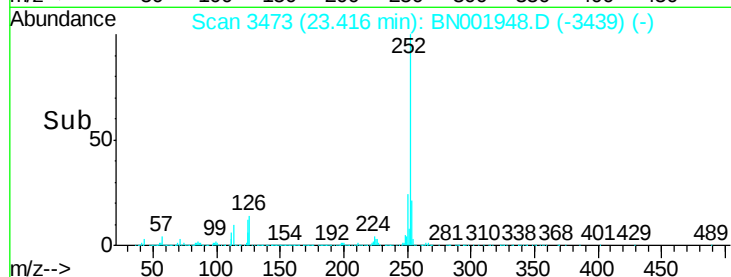
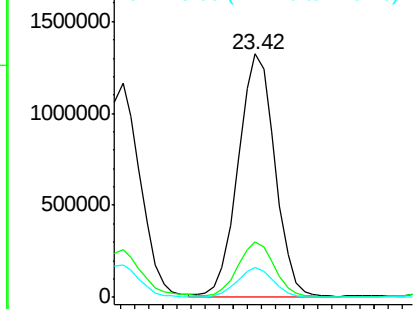
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	12.1	5.8	8.6

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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



#89

Indeno(1,2,3-cd)pyrene

Concen: 8.438 ng/ul

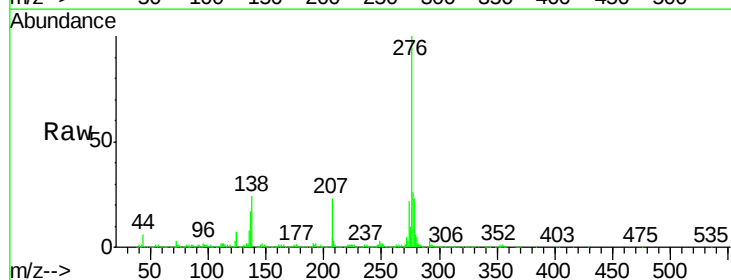
RT: 25.74 min Scan# 3868

Delta R.T. -0.01 min

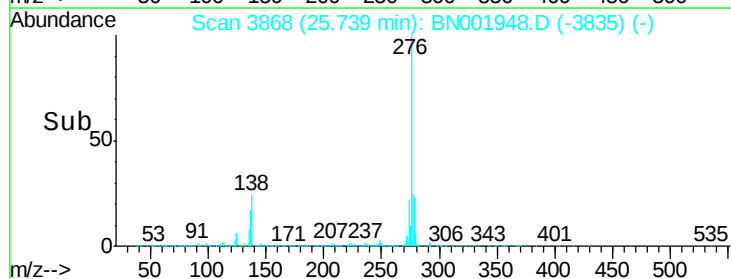
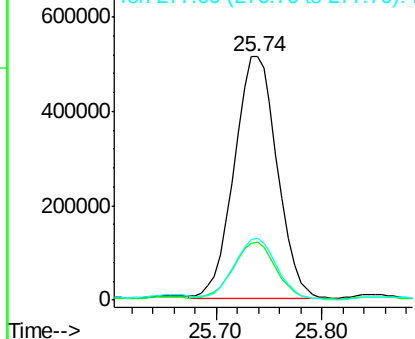
Lab File: BN001948.D

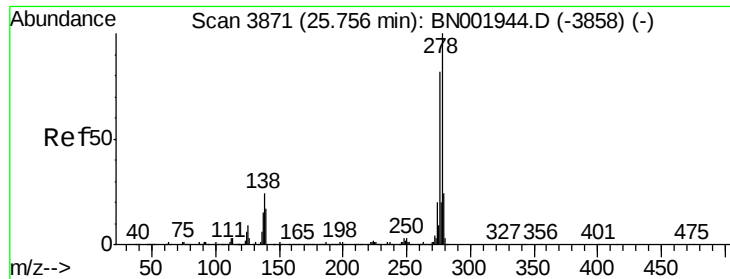
Acq: 03 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	10.9	16.3
277	25.6	18.9	28.3



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





#90

Dibenzo(a,h)anthracene

Concen: 2.754 ng/ul

RT: 25.74 min Scan# 3869

Delta R.T. -0.01 min

Lab File: BN001948.D

Acq: 03 Jul 2018 17:52

Instrument :

BNA_N

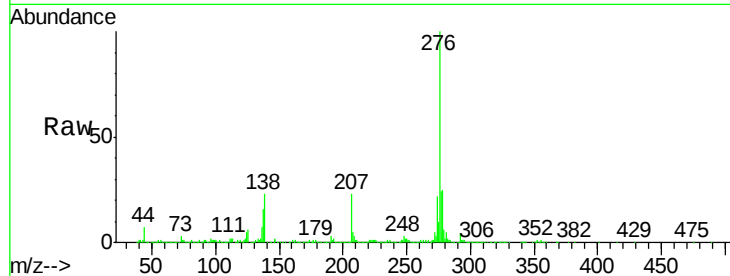
ClientSampleId :

F1H20

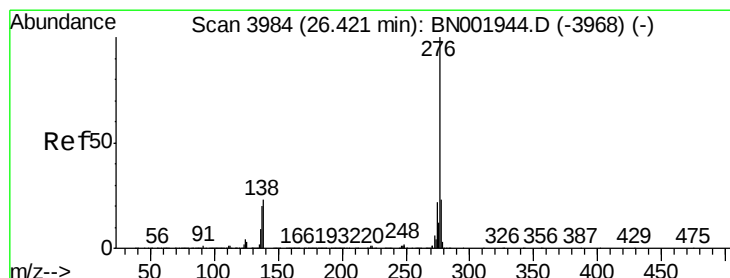
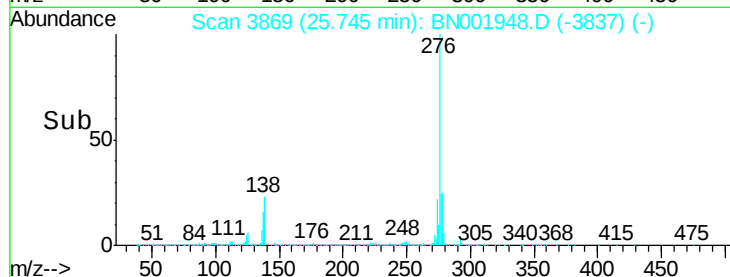
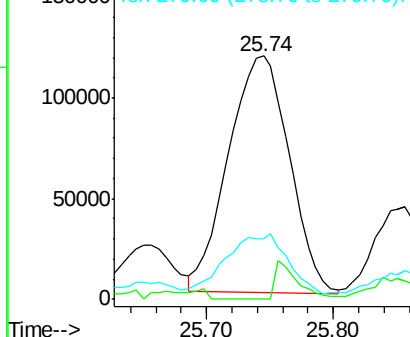
Tgt Ion:	278	Resp:	393416
Ion Ratio	Lower	Upper	
278	100		
139	0.0	9.0	13.4#
279	25.0	19.1	28.7

Manual Integrations
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7/5/2018 4:31:12 PM



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



#91

Benzo(g,h,i)perylene

Concen: 7.744 ng/ul

RT: 26.42 min Scan# 3984

Delta R.T. 0.00 min

Lab File: BN001948.D

Acq: 03 Jul 2018 17:52

Tgt Ion:	276	Resp:	1096325
Ion Ratio	Lower	Upper	
276	100		
138	23.7	11.2	16.8#
277	24.6	19.0	28.6

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

