

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
 Data File : BN004250.D
 Acq On : 27 Dec 2018 21:09
 Operator : JU/SJ
 Sample : J6441-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF023

Manual Integrations
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 12/28/2018 4:12:33 PM

Quant Time: Dec 28 03:17:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 28 03:12:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	38125	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	181066	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	99806	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	227816	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	287736	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	254835	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	2746	4.71	ng/uL	0.00
5) Phenol-d5	6.99	99	67300	17.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	42043	20.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	53722	18.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	58320	18.57	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	32066	22.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	25093	15.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	46298	15.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	77093	27.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	197279	22.14	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	253768	24.01	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.45	176	179752	23.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.30	188	259156	22.51	ng/ul	0.00
78) Pyrene-d10	19.60	212	298667	23.20	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	313623	22.69	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	7.02	94	13517	3.573	ng/ul 97
44) Dimethylphthalate	13.91	163	32797	3.771	ng/ul 98
49) Acenaphthene	14.52	153	17627	2.458	ng/ul 97
58) Fluorene	15.50	166	21434	2.529	ng/ul 98
69) Phenanthrene	17.25	178	355482	27.006	ng/ul 99
71) Anthracene	17.34	178	91360	6.771	ng/ul 99
74) Carbazole	17.62	167	20920	1.687	ng/ul 96
75) Di-n-butylphthalate	18.15	149	71149	4.869	ng/ul 99
76) Fluoranthene	19.27	202	663261	41.109	ng/ul 99
79) Pyrene	19.64	202	736019	45.787	ng/ul 98
80) Butylbenzylphthalate	20.52	149	9884	1.376	ng/ul 86
82) Benzo(a)anthracene	21.39	228	442647	24.670	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.28	149	83367	7.598	ng/ul 99
84) Chrysene	21.44	228	419029	24.933	ng/ul 98
87) Benzo(b)fluoranthene	23.02	252	485487	31.803	ng/ul# 96
88) Benzo(k)fluoranthene	23.06	252	156285m	10.934	ng/ul
90) Benzo(a)pyrene	23.62	252	348774	23.724	ng/ul 96
91) Indeno(1,2,3-cd)pyrene	26.09	276	226768	11.833	ng/ul 96
92) Dibenzo(a,h)anthracene	26.09	278	62692	3.935	ng/ul# 81
93) Benzo(g,h,i)perylene	26.82	276	192423	11.997	ng/ul 99

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

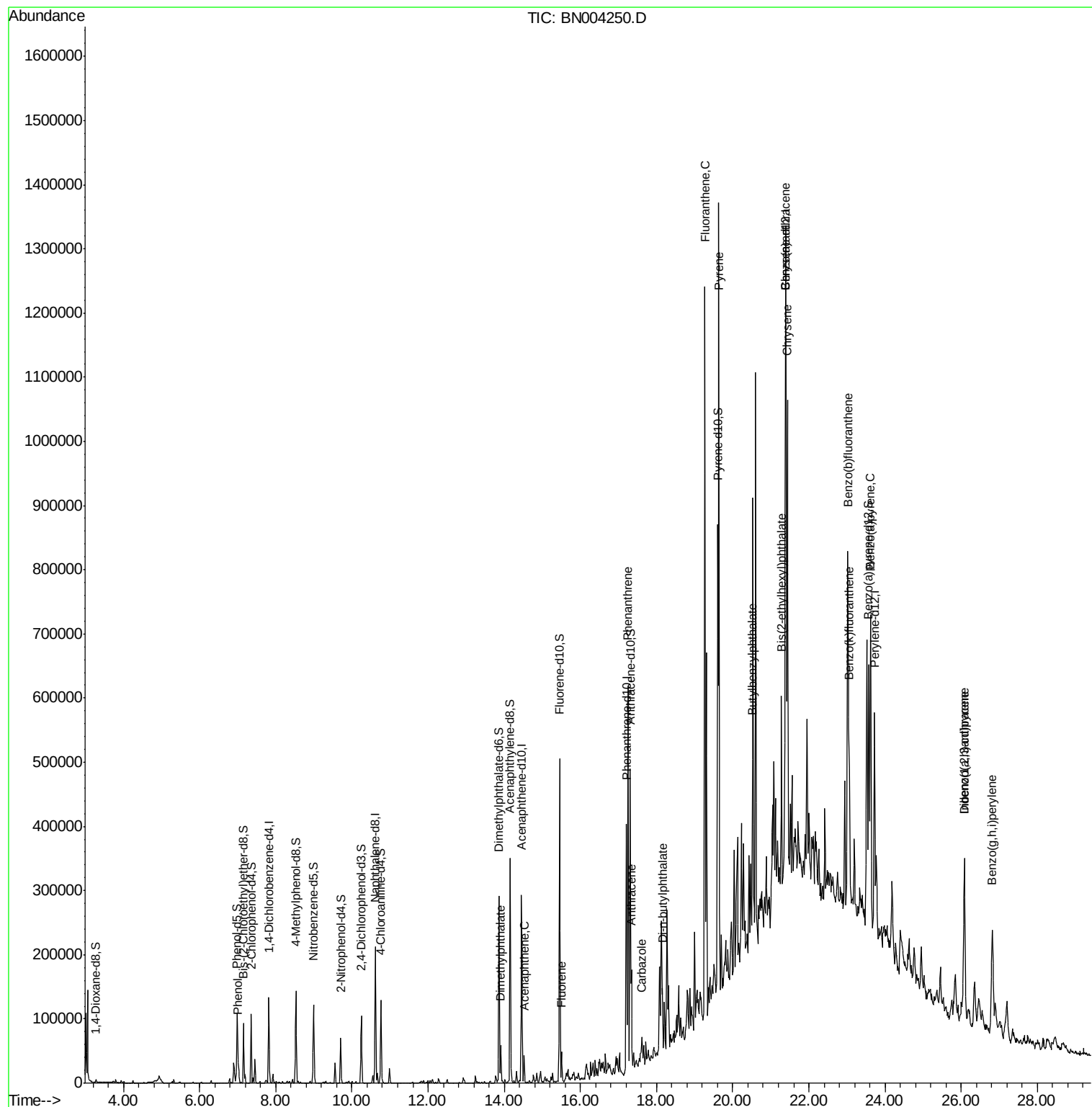
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004250.D
Acq On : 27 Dec 2018 21:09
Operator : JU/SJ
Sample : J6441-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

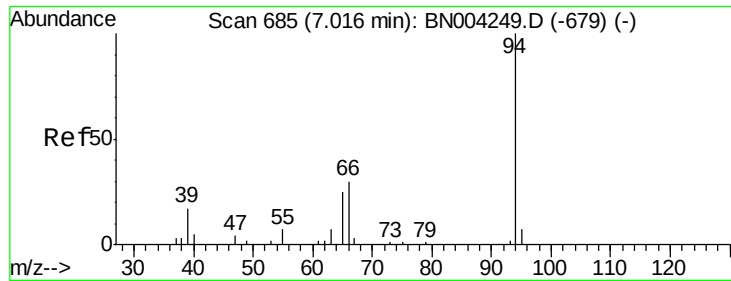
Instrument :
BNA_N
ClientSampled :
BF023

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Quant Time: Dec 28 03:17:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 03:12:04 2018
Response via : Initial Calibration





#6

Phenol

Concen: 3.573 ng/ul

RT: 7.02 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN004250.D

Acq: 27 Dec 2018 21:09

Instrument :

BNA_N

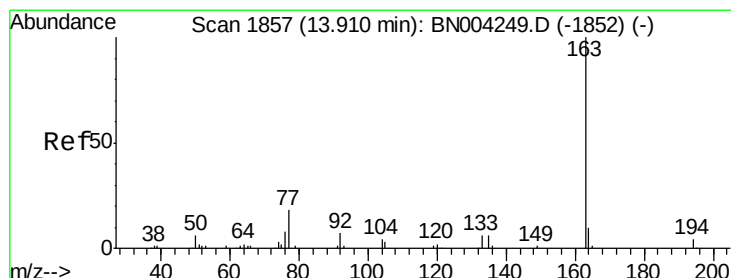
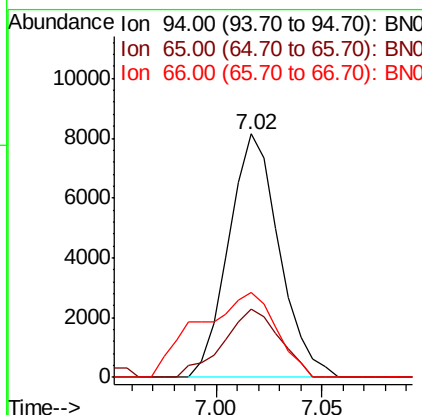
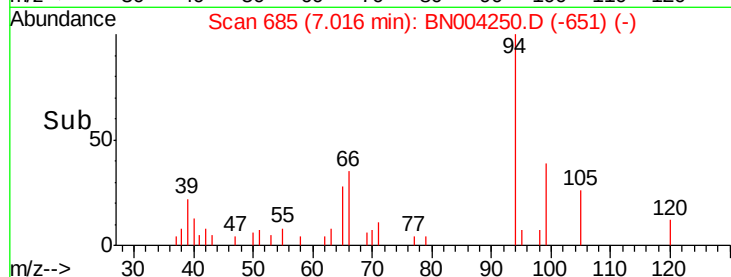
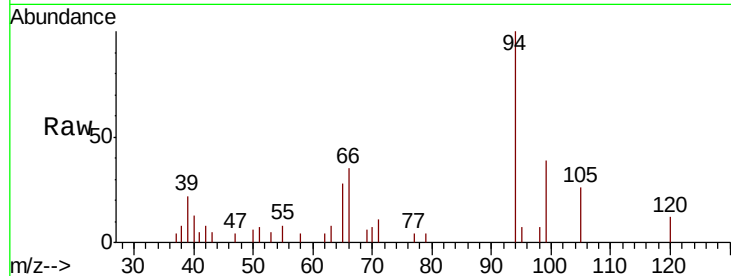
ClientSampled :

BF023

Tot Ion:	94	Resp:	13517
Ion Ratio	Lower	Upper	
94	100		
65	28.1	21.2	31.8
66	35.0	26.9	40.3

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#44

Dimethylphthalate

Concen: 3.771 ng/ul

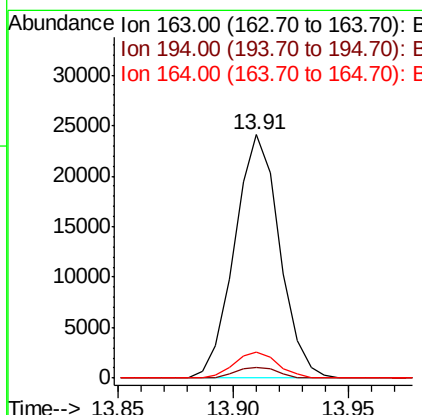
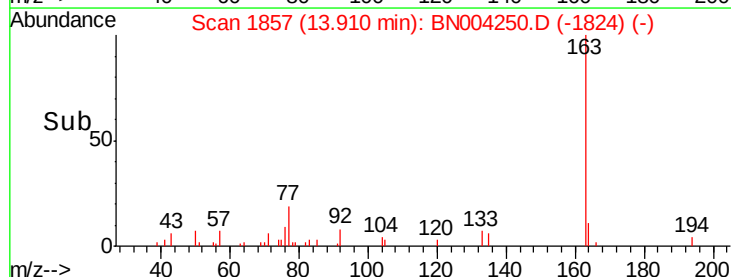
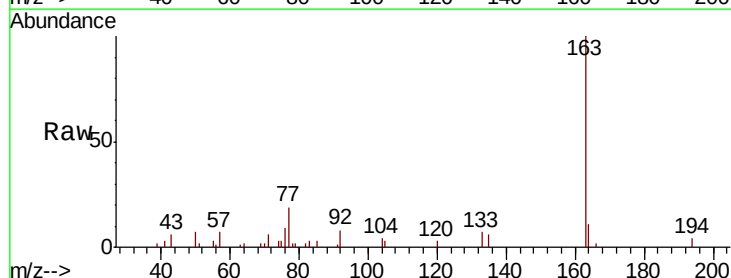
RT: 13.91 min Scan# 1857

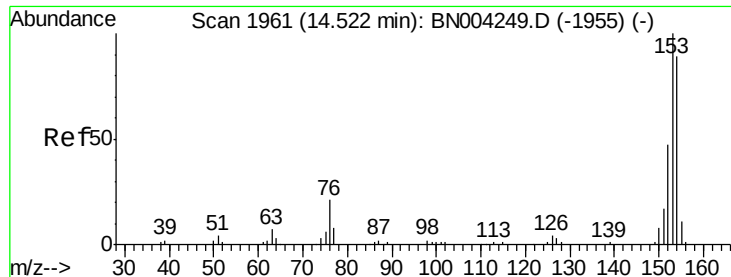
Delta R.T. -0.01 min

Lab File: BN004250.D

Acq: 27 Dec 2018 21:09

Tgt Ion:	163	Resp:	32797
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.0
164	10.6	7.9	11.9





#49

Acenaphthene

Concen: 2.458 ng/ul

RT: 14.52 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BN004250.D

Acq: 27 Dec 2018 21:09

Instrument :

BNA_N

ClientSampled :

BF023

Tot Ion:153 Resp: 17627

Ion Ratio Lower Upper

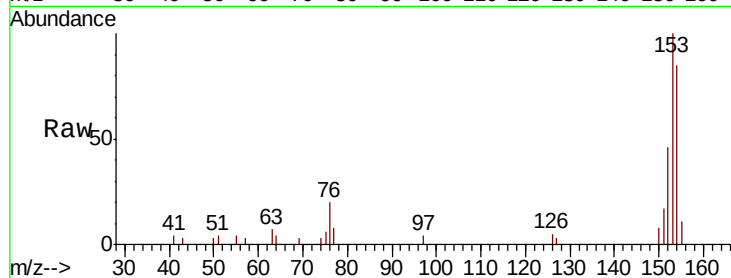
153 100

152 46.2 37.8 56.6

154 85.1 71.0 106.6

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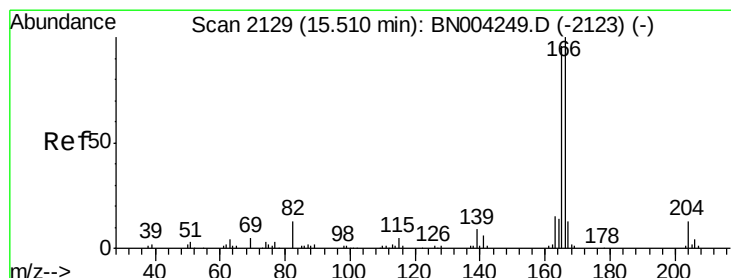
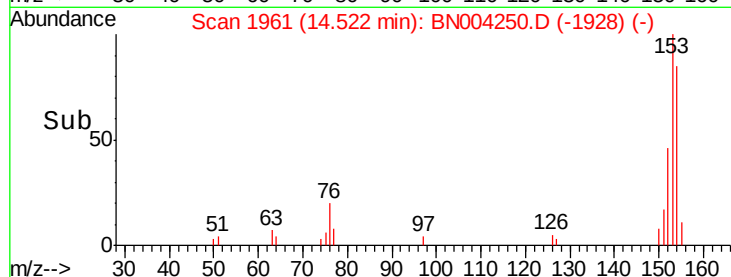
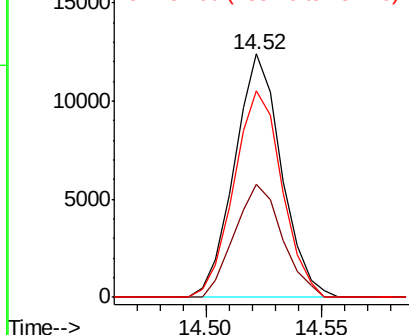


Abundance

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



#58

Fluorene

Concen: 2.529 ng/ul

RT: 15.50 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BN004250.D

Acq: 27 Dec 2018 21:09

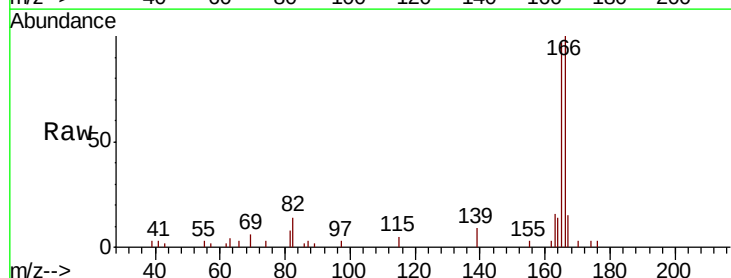
Tgt Ion:166 Resp: 21434

Ion Ratio Lower Upper

166 100

165 96.8 78.6 117.8

167 15.4 10.3 15.5

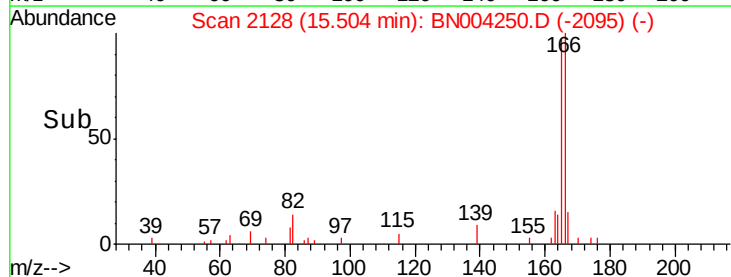
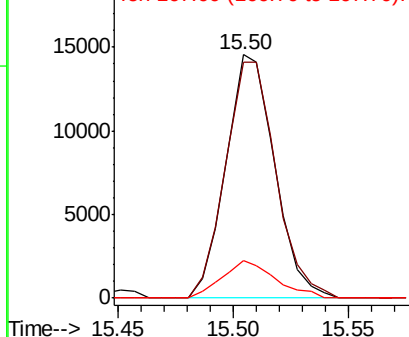


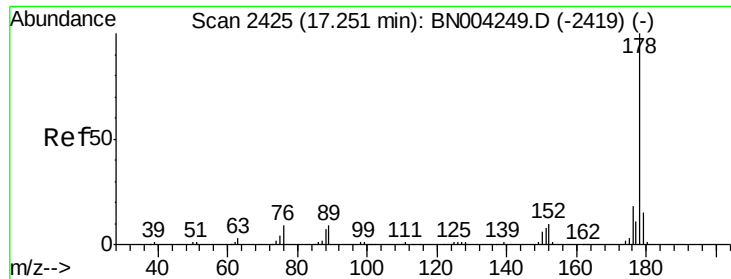
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





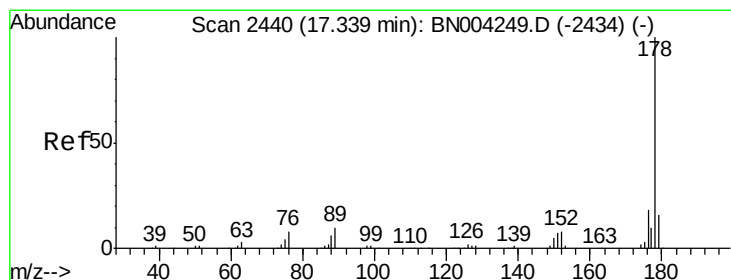
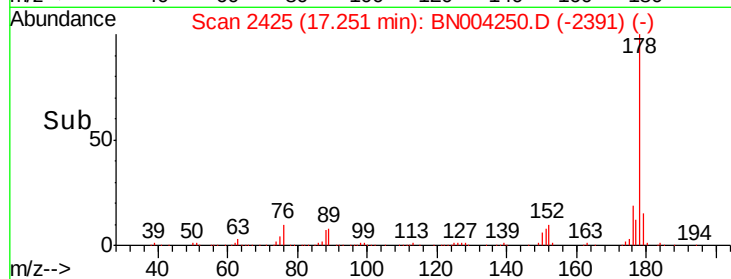
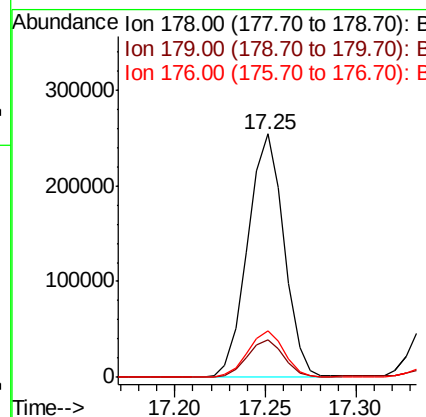
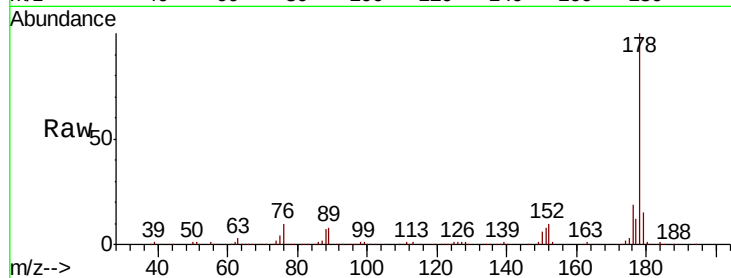
#69
 Phenanthrene
 Concen: 27.006 ng/ul
 RT: 17.25 min Scan# 2425
 Delta R.T. -0.00 min
 Lab File: BN004250.D
 Acq: 27 Dec 2018 21:09

Instrument :
 BNA_N
 ClientSampleId :
 BF023

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	19.0	15.0	22.6

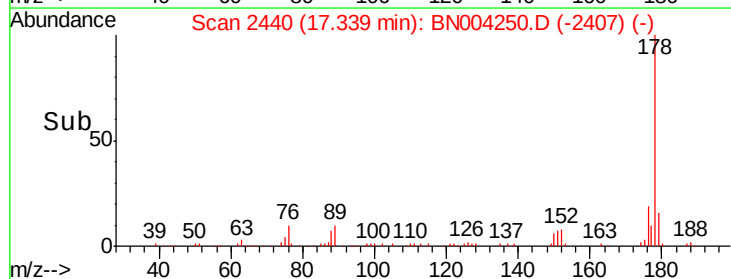
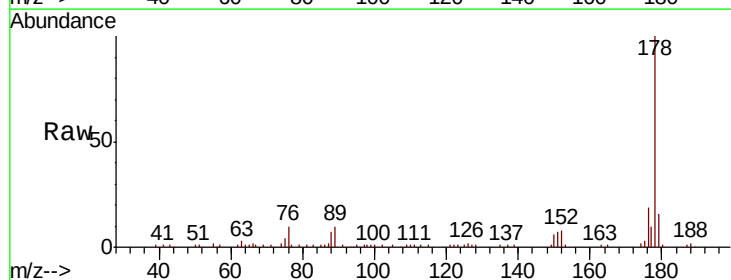
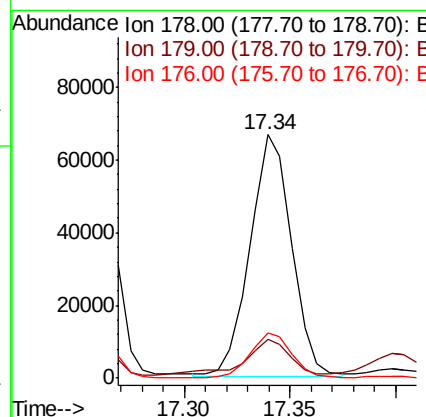
Manual Integrations
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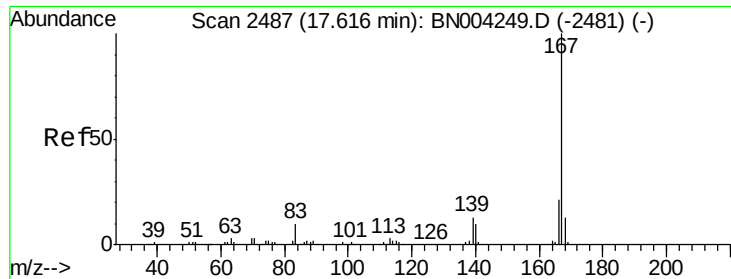
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#71
 Anthracene
 Concen: 6.771 ng/ul
 RT: 17.34 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BN004250.D
 Acq: 27 Dec 2018 21:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.1	18.1
176	18.6	15.2	22.8





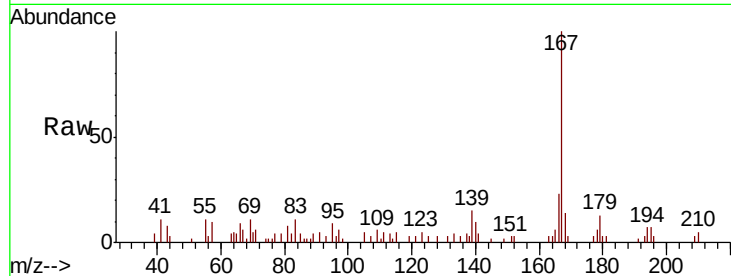
#74
 Carbazole
 Concen: 1.687 ng/ul
 RT: 17.62 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BN004250.D
 Acq: 27 Dec 2018 21:09

Instrument :
 BNA_N
 ClientSampled :
 BF023

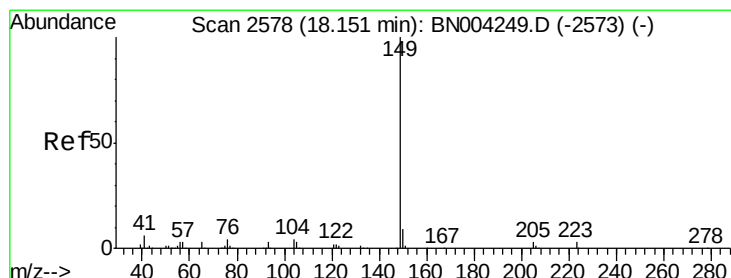
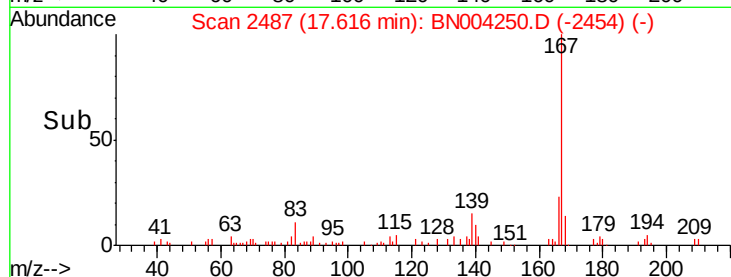
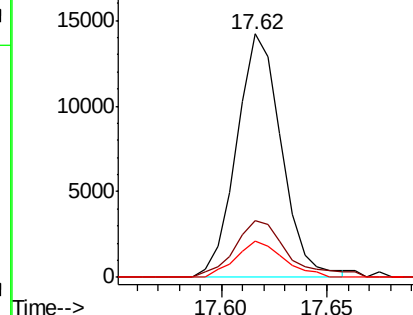
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.4	26.0
139	14.8	10.2	15.2

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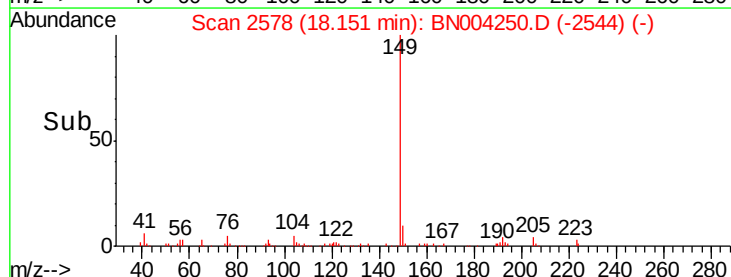
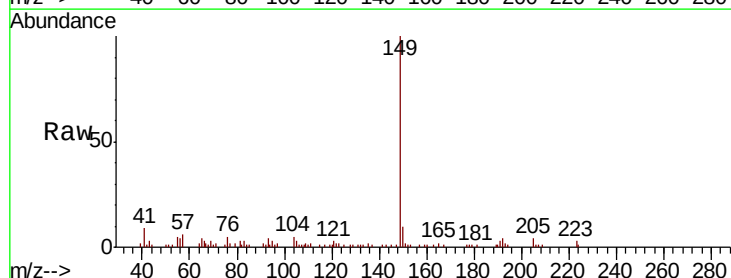
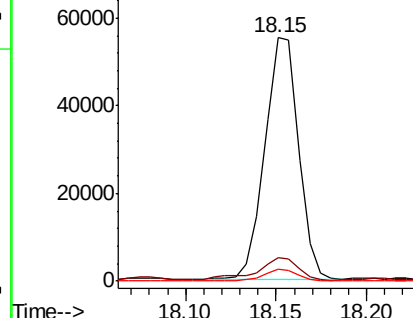
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

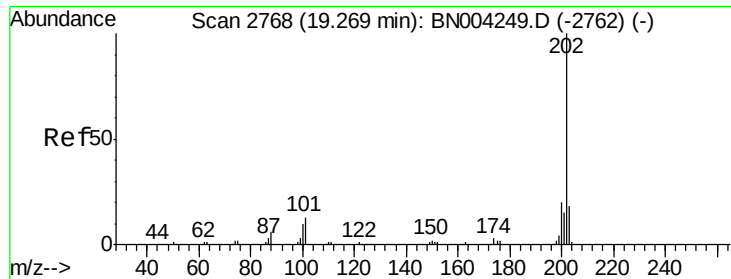


#75
 Di-n-butylphthalate
 Concen: 4.869 ng/ul
 RT: 18.15 min Scan# 2578
 Delta R.T. -0.00 min
 Lab File: BN004250.D
 Acq: 27 Dec 2018 21:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.3	10.9
104	4.8	3.6	5.4

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#76

Fluoranthene

Concen: 41.109 ng/ul

RT: 19.27 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BN004250.D

Acq: 27 Dec 2018 21:09

Instrument :

BNA_N

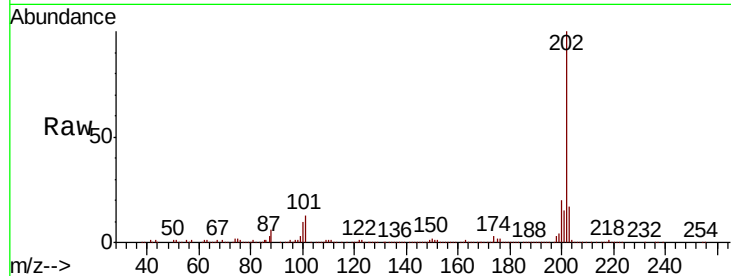
ClientSampled :

BF023

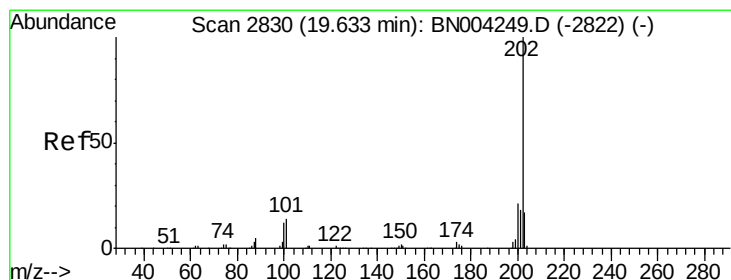
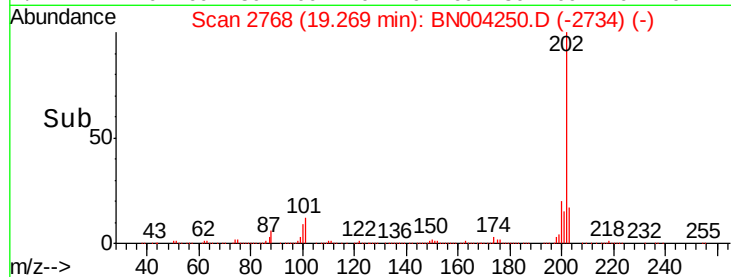
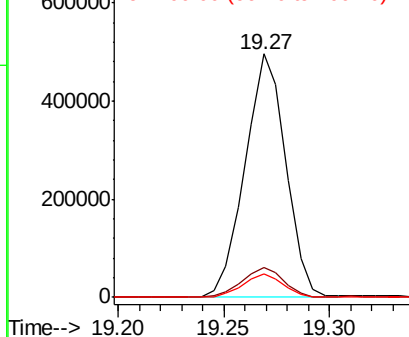
Tot Ion:	202	Resp:	663261
Ion Ratio	Lower	Upper	
202	100		
101	12.5	10.2	15.2
100	9.6	7.8	11.8

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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



#79

Pyrene

Concen: 45.787 ng/ul

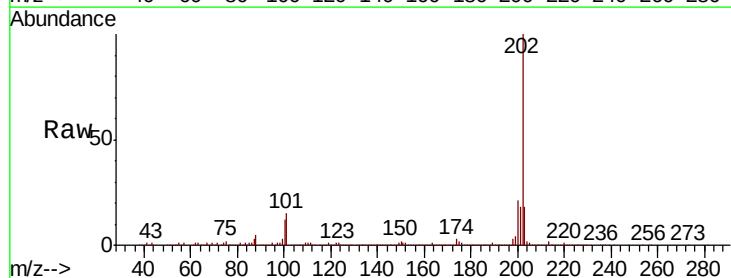
RT: 19.64 min Scan# 2831

Delta R.T. 0.01 min

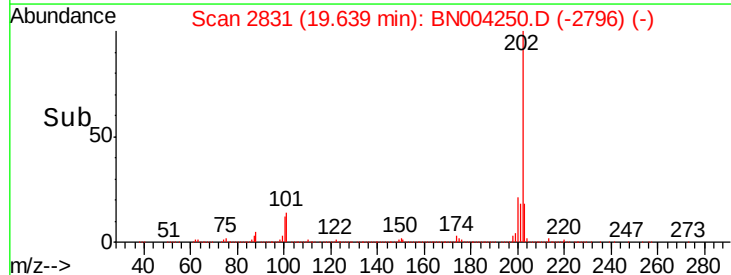
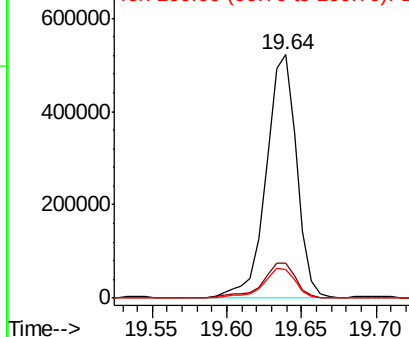
Lab File: BN004250.D

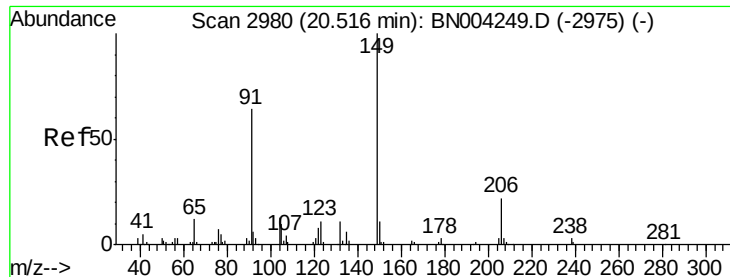
Acq: 27 Dec 2018 21:09

Tgt Ion:	202	Resp:	736019
Ion Ratio	Lower	Upper	
202	100		
101	14.5	12.2	18.2
100	11.9	9.9	14.9



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





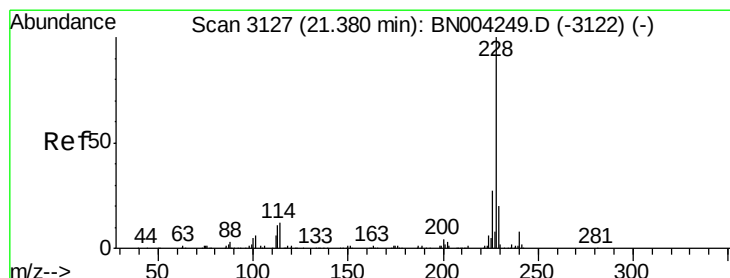
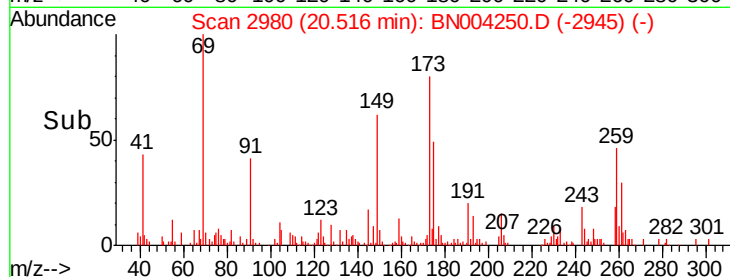
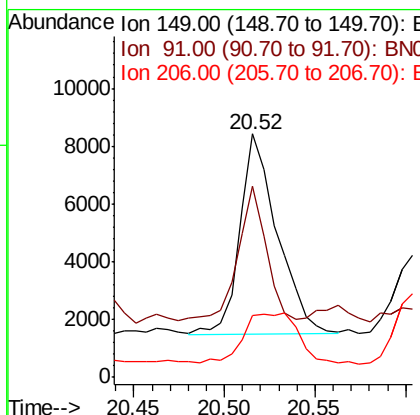
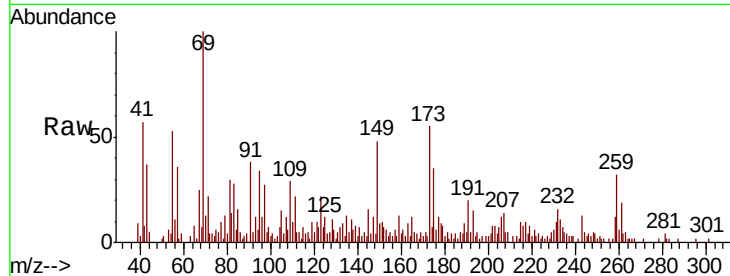
#80
Butylbenzylphthalate
Concen: 1.376 ng/ul
RT: 20.52 min Scan# 2980
Delta R.T. 0.01 min
Lab File: BN004250.D
Acq: 27 Dec 2018 21:09

Instrument :
BNA_N
ClientSampleID :
BF023

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.7	53.0	79.4
206	25.5	17.1	25.7

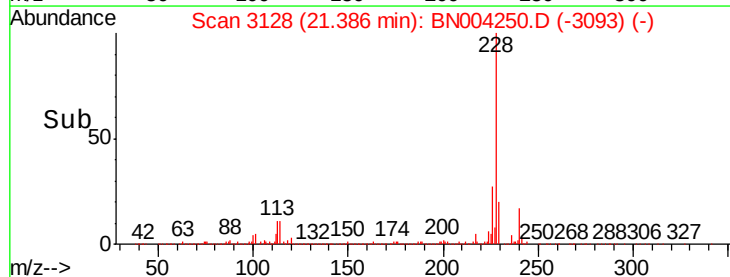
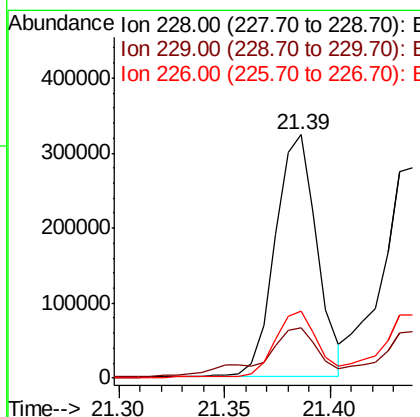
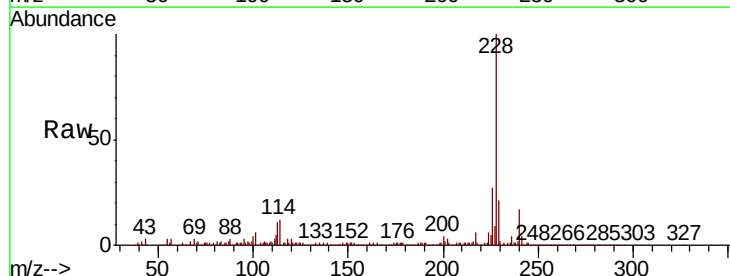
Manual Integrations
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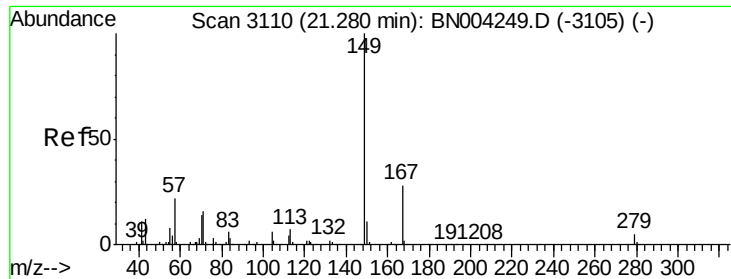
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#82
Benzo(a)anthracene
Concen: 24.670 ng/ul
RT: 21.39 min Scan# 3128
Delta R.T. 0.01 min
Lab File: BN004250.D
Acq: 27 Dec 2018 21:09

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.9	23.9
226	27.5	21.4	32.2





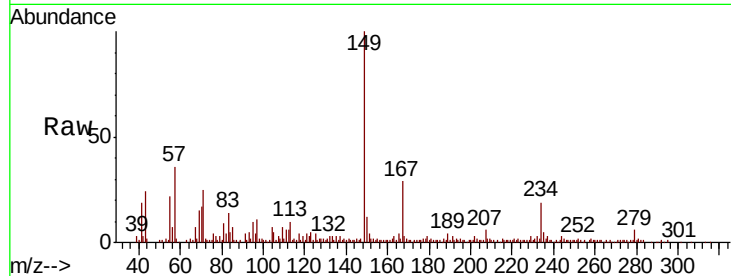
#83
Bis(2-ethylhexyl)phthalate
Concen: 7.598 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. 0.01 min
Lab File: BN004250.D
Acq: 27 Dec 2018 21:09

Instrument :
BNA_N
Client Sampled :
BF023

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.0	34.4
279	5.7	4.4	6.6

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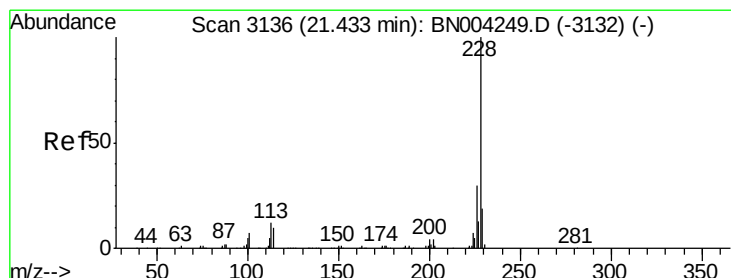
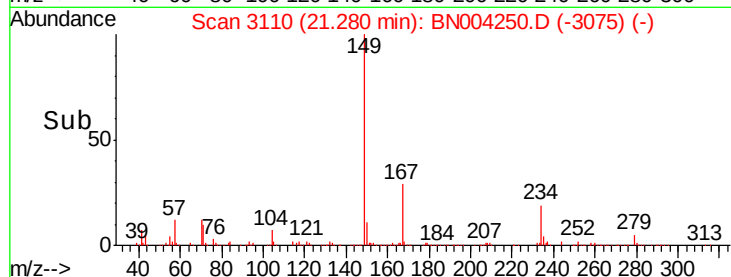
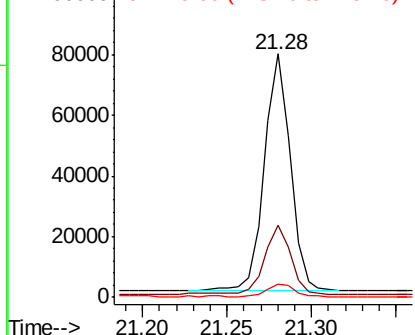


Abundance

Ion 149.00 (148.70 to 149.70): E

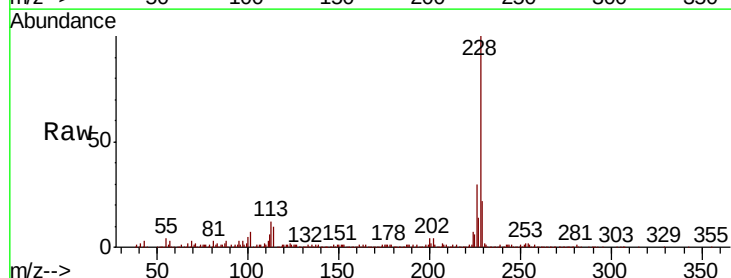
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
Chrysene
Concen: 24.933 ng/ul
RT: 21.44 min Scan# 3137
Delta R.T. 0.01 min
Lab File: BN004250.D
Acq: 27 Dec 2018 21:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.8
229	22.1	15.8	23.6

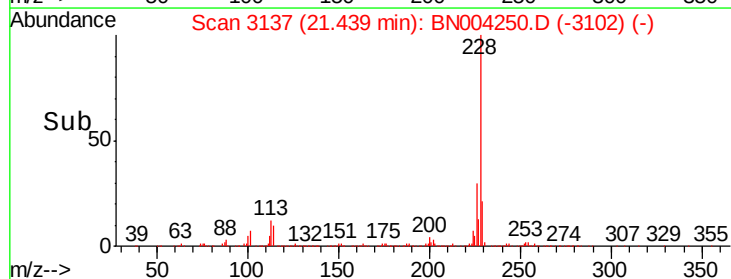
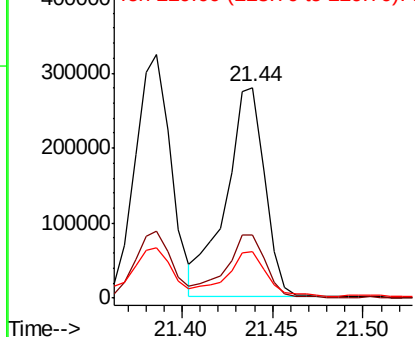


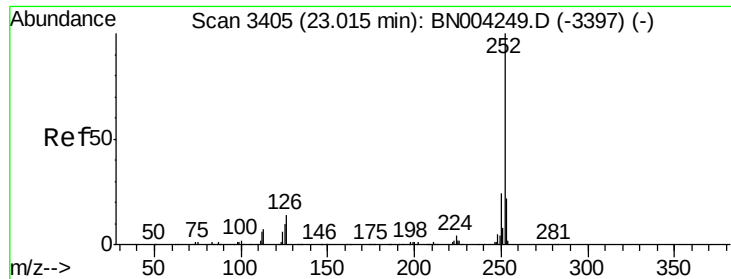
Abundance

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





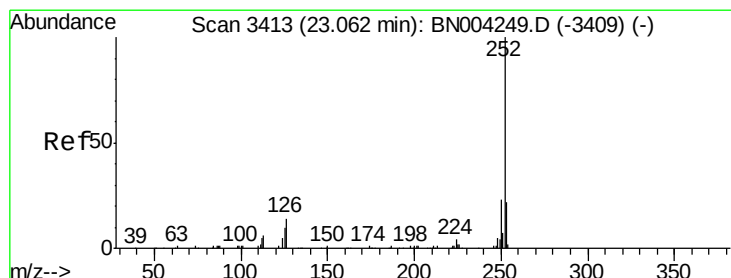
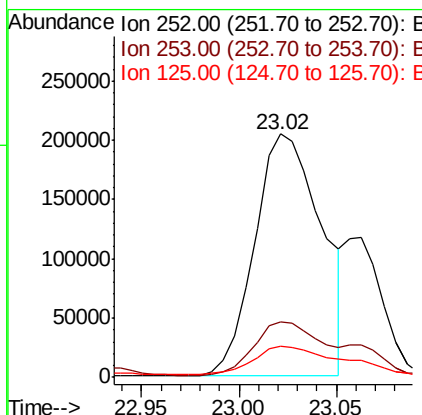
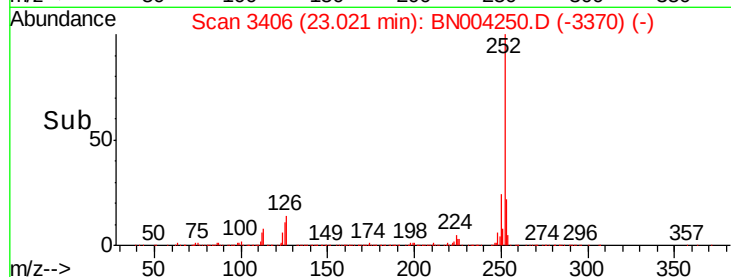
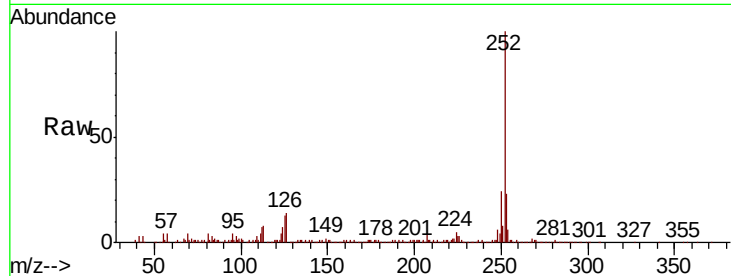
#87
Benzo(b)fluoranthene
Concen: 31.803 ng/ul
RT: 23.02 min Scan# 3406
Delta R.T. 0.01 min
Lab File: BN004250.D
Acq: 27 Dec 2018 21:09

Instrument :
BNA_N
ClientSampled :
BF023

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	12.6	8.2	12.4

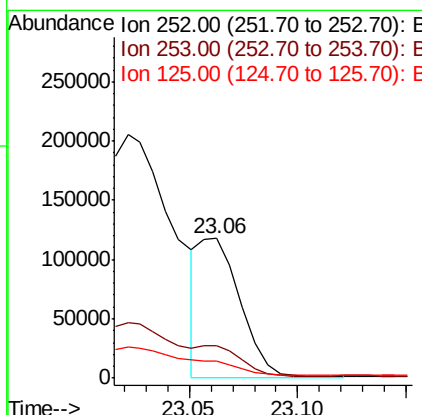
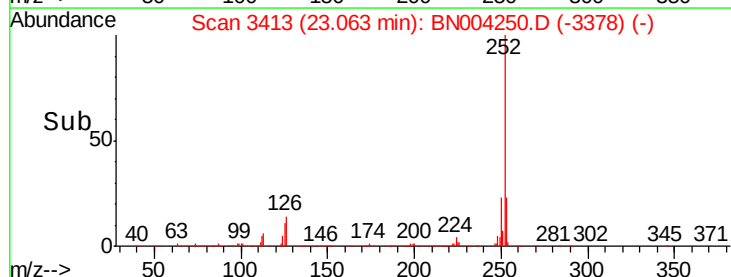
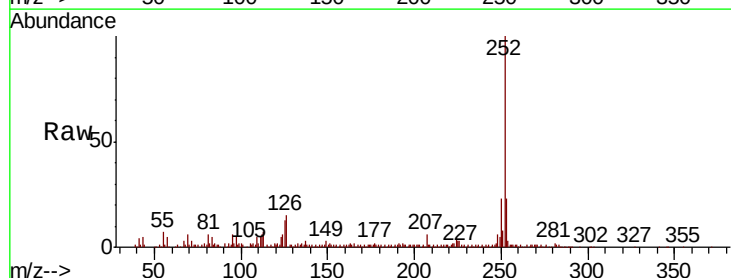
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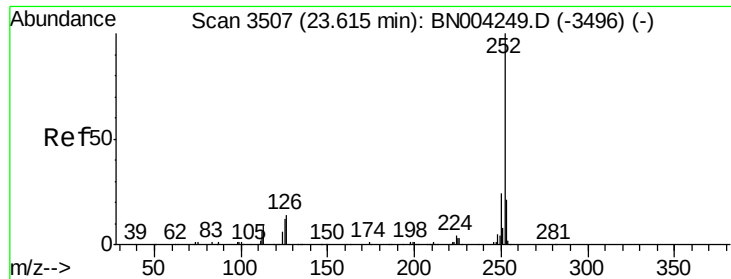
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#88
Benzo(k)fluoranthene
Concen: 10.934 ng/ul m
RT: 23.06 min Scan# 3413
Delta R.T. 0.01 min
Lab File: BN004250.D
Acq: 27 Dec 2018 21:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	12.5	7.9	11.9





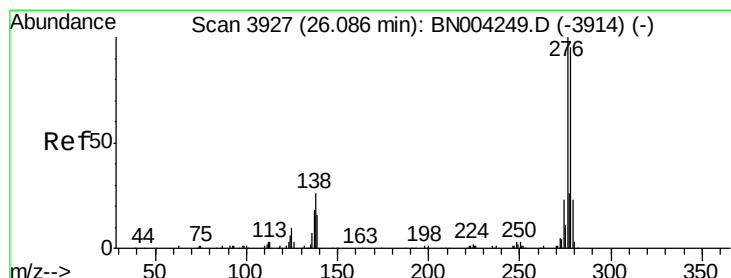
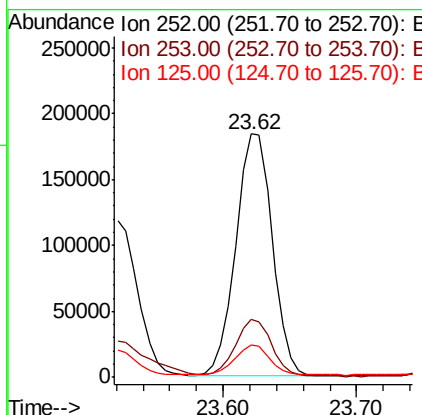
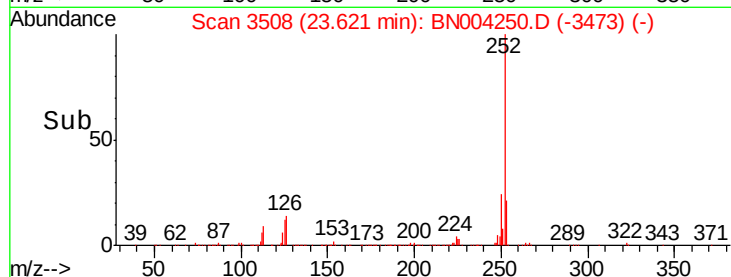
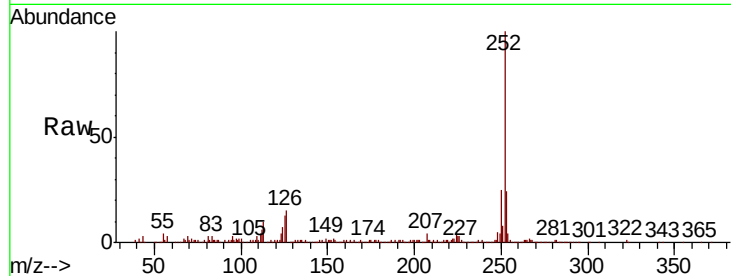
#90
Benzo(a)pyrene
Concen: 23.724 ng/ul
RT: 23.62 min Scan# 3508
Delta R.T. 0.01 min
Lab File: BN004250.D
Acq: 27 Dec 2018 21:09

Instrument :
BNA_N
ClientSampled :
BF023

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	13.2	9.1	13.7

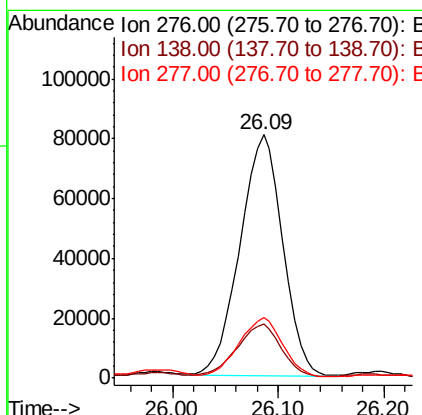
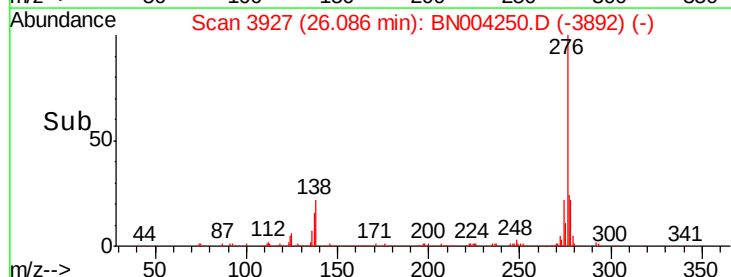
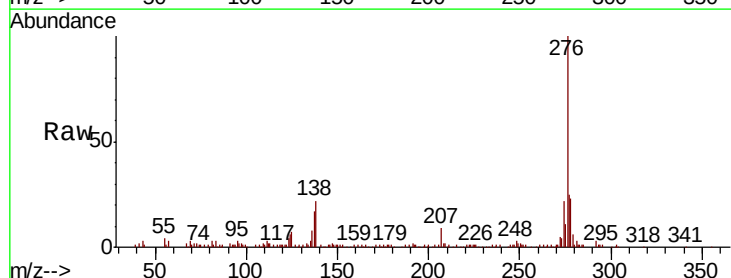
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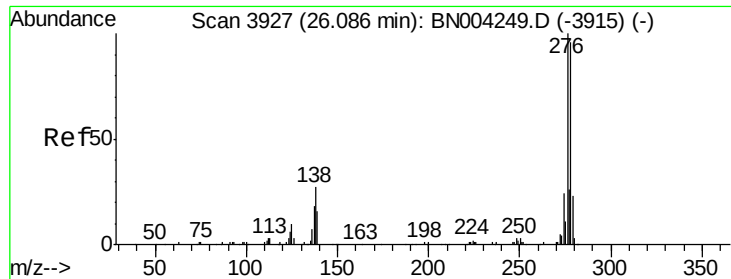
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#91
Indeno(1,2,3-cd)pyrene
Concen: 11.833 ng/ul
RT: 26.09 min Scan# 3927
Delta R.T. 0.01 min
Lab File: BN004250.D
Acq: 27 Dec 2018 21:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	20.4	30.6
277	24.6	20.6	30.8





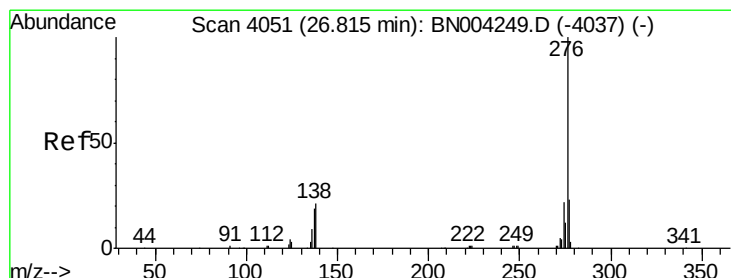
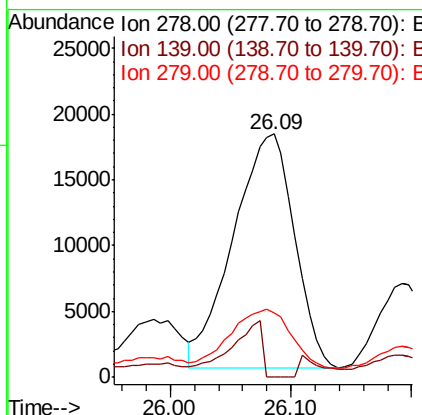
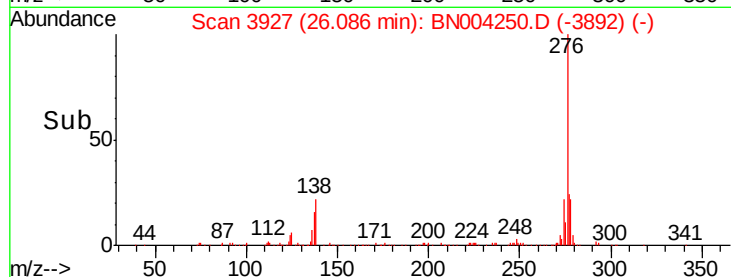
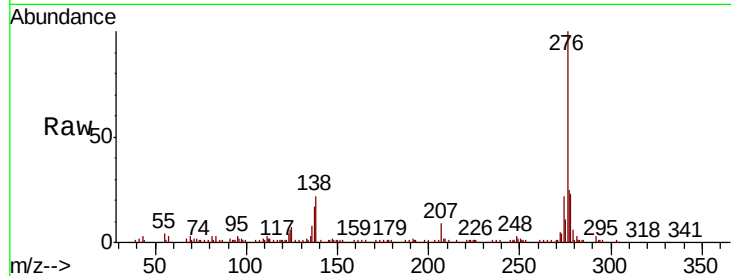
#92
Dibenzo(a,h)anthracene
Concen: 3.935 ng/ul
RT: 26.09 min Scan# 3927
Delta R.T. 0.01 min
Lab File: BN004250.D
Acq: 27 Dec 2018 21:09

Instrument :
BNA_N
ClientSampled :
BF023

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.3	19.9#
279	26.4	19.0	28.6

Manual Integrations
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#93
Benzo(g,h,i)perylene
Concen: 11.997 ng/ul
RT: 26.82 min Scan# 4051
Delta R.T. 0.01 min
Lab File: BN004250.D
Acq: 27 Dec 2018 21:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.7	18.2	27.4
277	25.1	19.0	28.6

