

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
 Data File : BN004245.D
 Acq On : 27 Dec 2018 17:40
 Operator : JU/SJ
 Sample : J6489-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 F9F76

Manual Integrations
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Quant Time: Dec 28 02:42:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 28 00:28:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	36555	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	171863	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	103847	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	221029	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	294218	20.00	ng/ul	0.01
85) Perylene-d12	23.72	264	298215	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	1867	3.34	ng/uL	0.00
5) Phenol-d5	6.99	99	46642	12.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	33061	16.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	42711	15.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	21752	7.22	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	23172	17.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	26682	17.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	43455	15.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	40099	15.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	148476	16.02	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	175462	15.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	17036	8.89	ng/ul	0.01
57) Fluorene-d10	15.45	176	131326	16.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	16059	10.09	ng/ul	0.01
70) Anthracene-d10	17.31	188	183511	16.43	ng/ul	0.00
78) Pyrene-d10	19.61	212	210578	16.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	256920	15.88	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	7.02	94	8878	2.447	ng/ul 98
44) Dimethylphthalate	13.91	163	28903	3.194	ng/ul 99
49) Acenaphthene	14.53	153	13862	1.858	ng/ul 91
58) Fluorene	15.51	166	112396	12.746	ng/ul 99
69) Phenanthrene	17.26	178	2145413	167.994	ng/ul 98
71) Anthracene	17.35	178	127937	9.773	ng/ul 96
74) Carbazole	17.62	167	28111	2.337	ng/ul# 82
76) Fluoranthene	19.27	202	242067	15.464	ng/ul 98
79) Pyrene	19.64	202	710299	43.213	ng/ul 100
82) Benzo(a)anthracene	21.39	228	303575m	16.547	ng/ul
84) Chrysene	21.44	228	507750	29.547	ng/ul 96
87) Benzo(b)fluoranthene	23.02	252	83234m	4.659	ng/ul
90) Benzo(a)pyrene	23.62	252	83838	4.873	ng/ul# 94
92) Dibenzo(a,h)anthracene	26.07	278	18732	1.005	ng/ul# 57
93) Benzo(g,h,i)perylene	26.82	276	31143	1.659	ng/ul 97

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

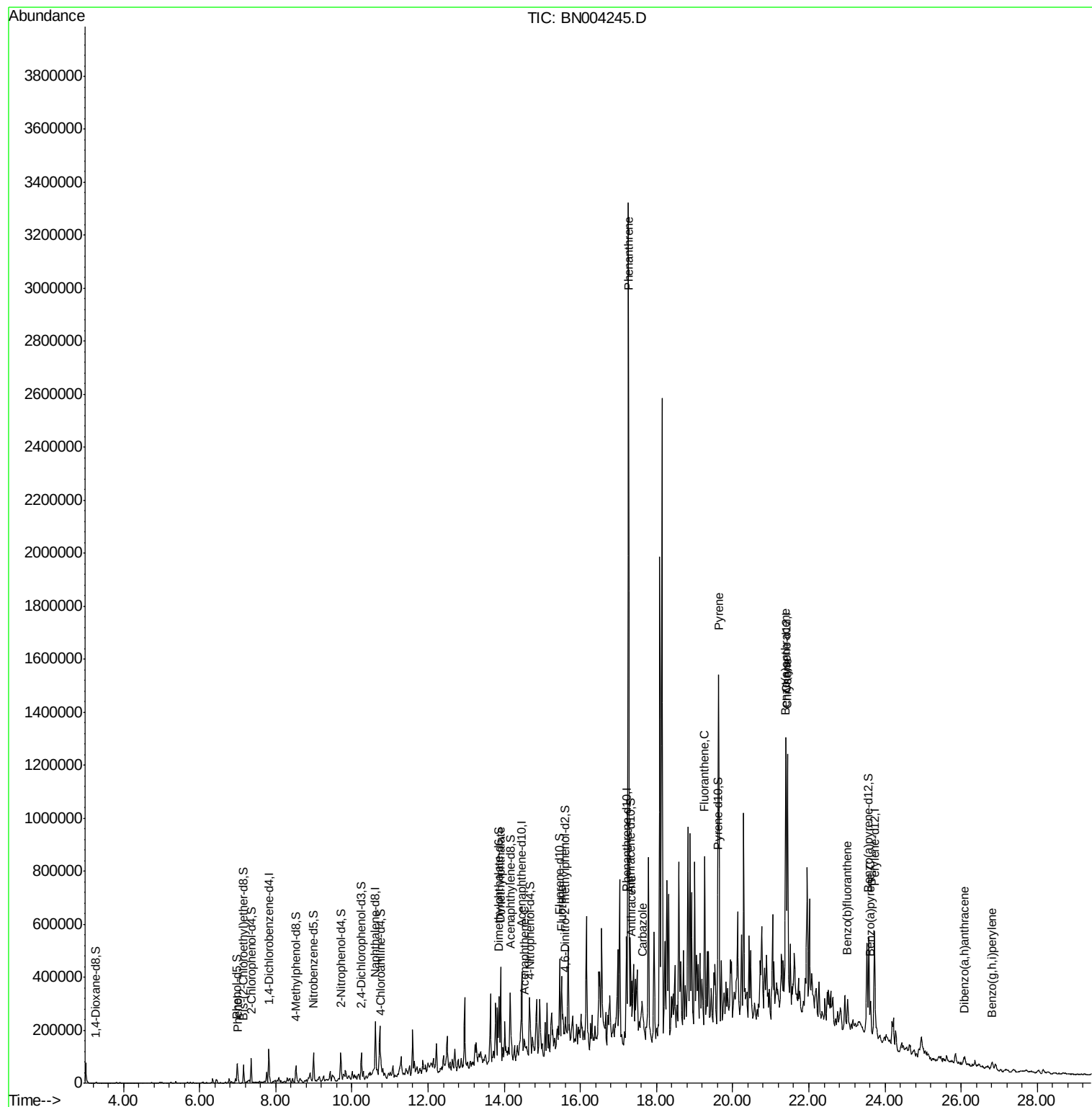
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122718\
Data File : BN004245.D
Acq On : 27 Dec 2018 17:40
Operator : JU/SJ
Sample : J6489-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

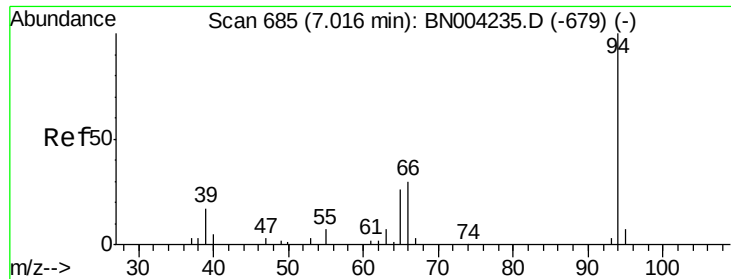
Instrument :
BNA_N
ClientSampleId :
F9F76

Quant Time: Dec 28 02:42:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 00:28:03 2018
Response via : Initial Calibration

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#6

Phenol

Concen: 2.447 ng/ul

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN004245.D

Acq: 27 Dec 2018 17:40

Instrument :

BNA_N

ClientSampled :

F9F76

Tot Ion: 94 Resp: 8878

Ion Ratio Lower Upper

94 100

65 27.6 21.2 31.8

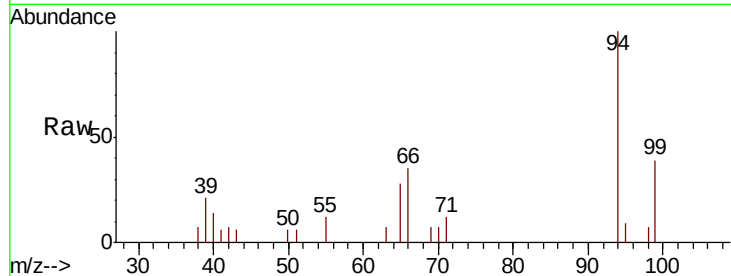
66 34.7 26.9 40.3

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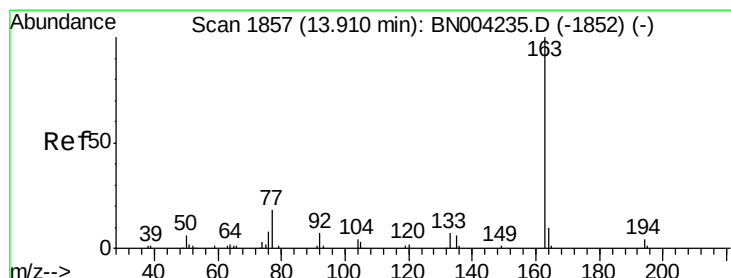
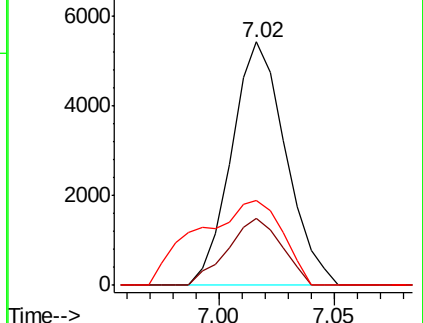
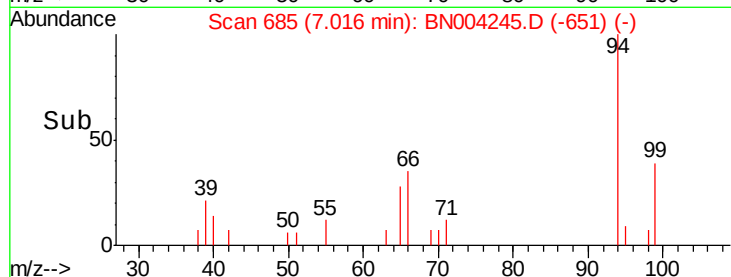
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Abundance Ion 94.00 (93.70 to 94.70): BN004235.D (-679) (-)

Ion 65.00 (64.70 to 65.70): BN004235.D (-679) (-)

Ion 66.00 (65.70 to 66.70): BN004235.D (-679) (-)



#44

Dimethylphthalate

Concen: 3.194 ng/ul

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN004245.D

Acq: 27 Dec 2018 17:40

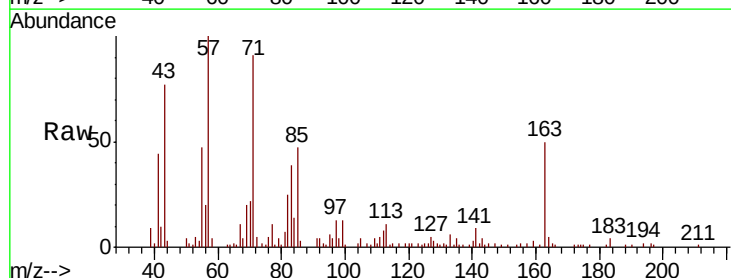
Tgt Ion:163 Resp: 28903

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

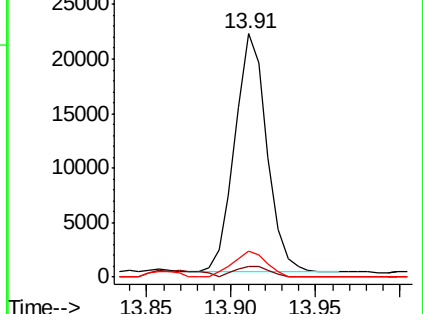
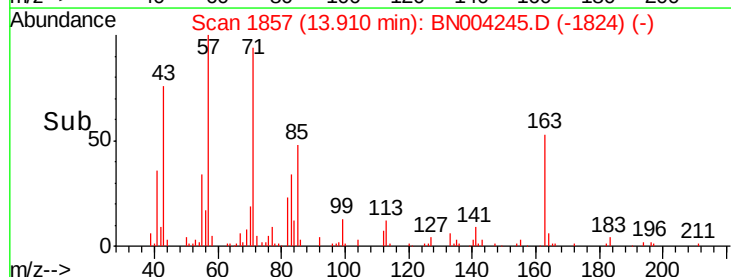
164 10.5 7.9 11.9

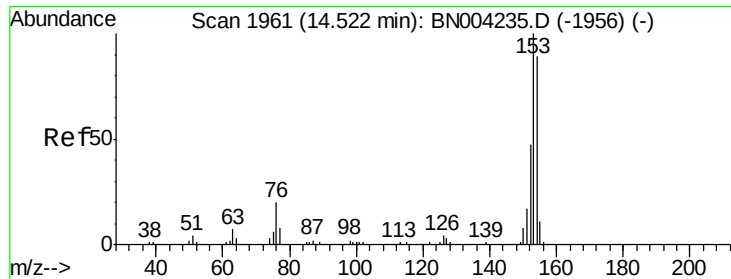


Abundance Ion 163.00 (162.70 to 163.70): BN004235.D (-1852) (-)

Ion 194.00 (193.70 to 194.70): BN004235.D (-1852) (-)

Ion 164.00 (163.70 to 164.70): BN004235.D (-1852) (-)





#49

Acenaphthene

Concen: 1.858 ng/ul

RT: 14.53 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BN004245.D

Acq: 27 Dec 2018 17:40

Instrument :

BNA_N

ClientSampleId :

F9F76

Tot Ion:153 Resp: 13862

Ion Ratio Lower Upper

153 100

152 53.8 37.8 56.6

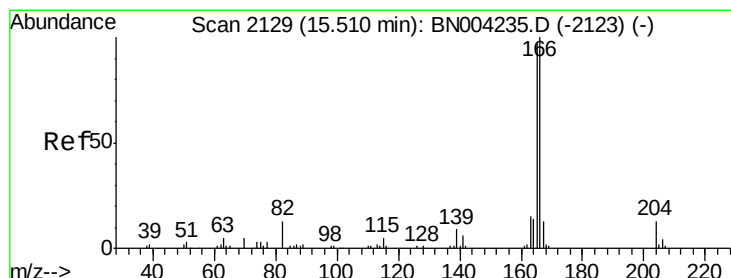
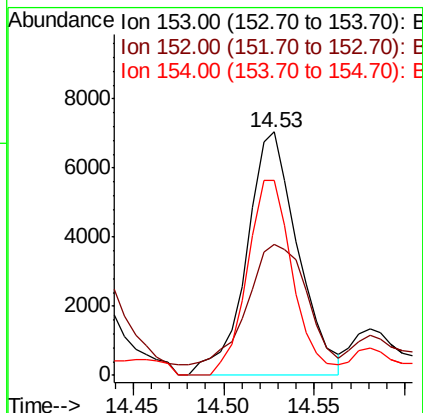
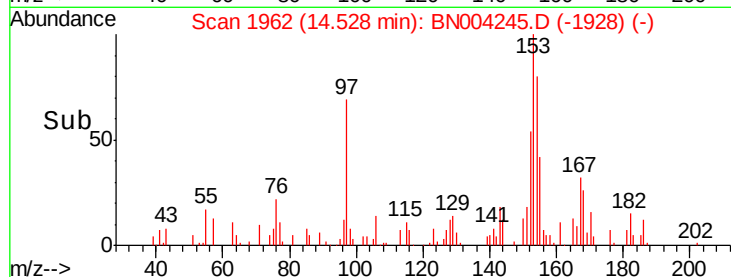
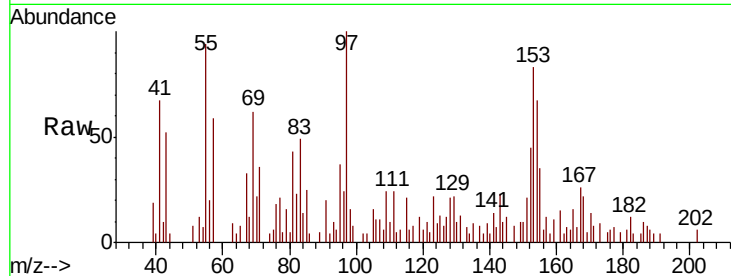
154 80.2 71.0 106.6

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#58

Fluorene

Concen: 12.746 ng/ul

RT: 15.51 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BN004245.D

Acq: 27 Dec 2018 17:40

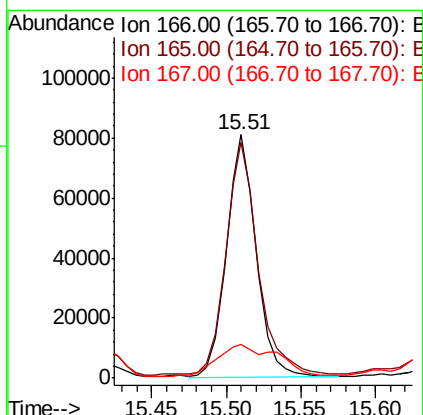
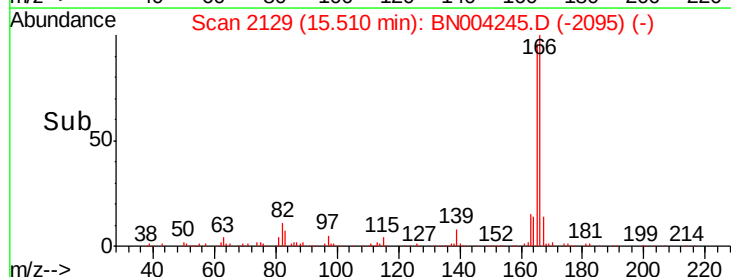
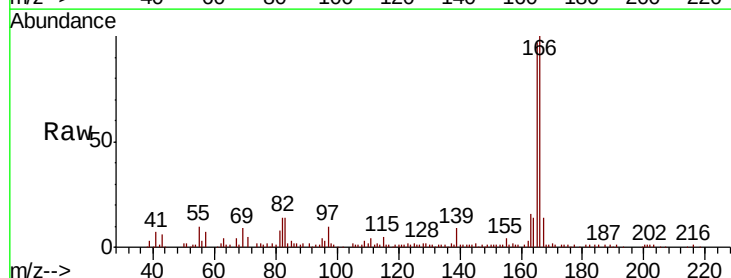
Tgt Ion:166 Resp: 112396

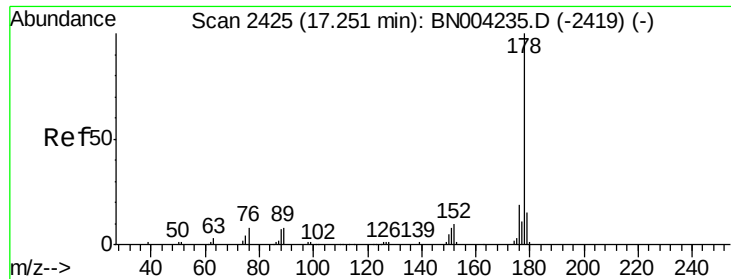
Ion Ratio Lower Upper

166 100

165 97.0 78.6 117.8

167 13.9 10.3 15.5





#69

Phenanthrene

Concen: 167.994 ng/ul

RT: 17.26 min Scan# 2427

Delta R.T. 0.01 min

Lab File: BN004245.D

Acq: 27 Dec 2018 17:40

Instrument :

BNA_N

ClientSampled :

F9F76

Tot Ion:178 Resp: 2145413

Ion Ratio Lower Upper

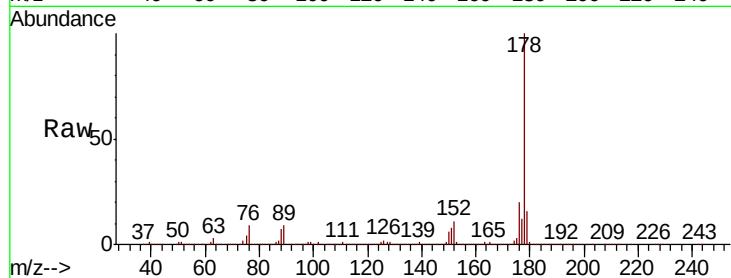
178 100

179 15.7 12.1 18.1

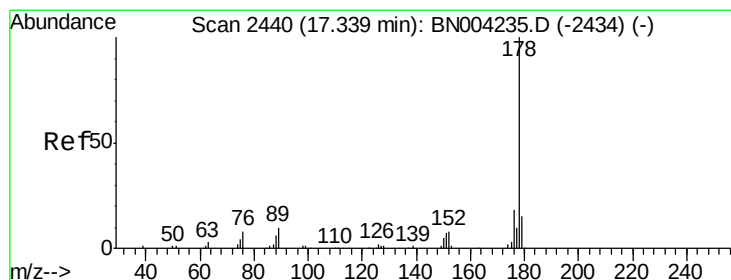
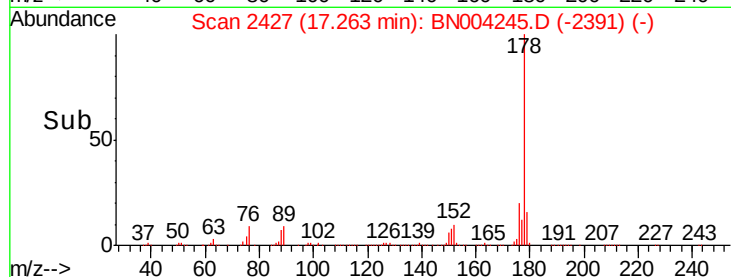
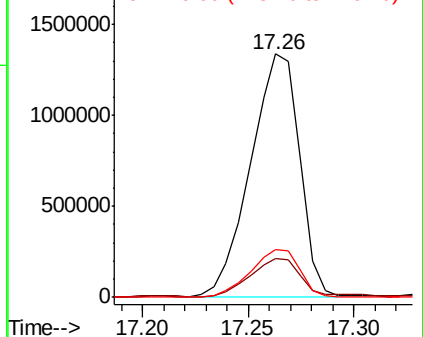
176 19.7 15.0 22.6

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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



#71

Anthracene

Concen: 9.773 ng/ul

RT: 17.35 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BN004245.D

Acq: 27 Dec 2018 17:40

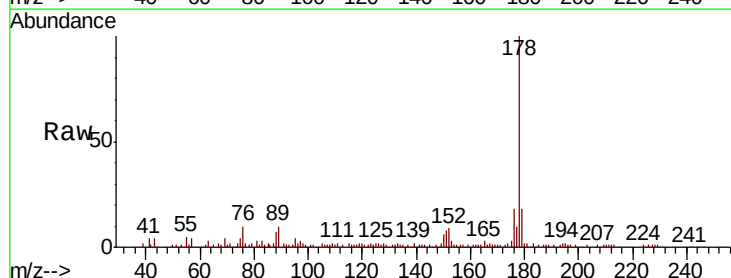
Tgt Ion:178 Resp: 127937

Ion Ratio Lower Upper

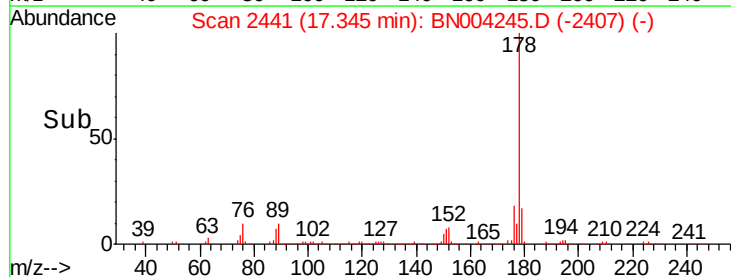
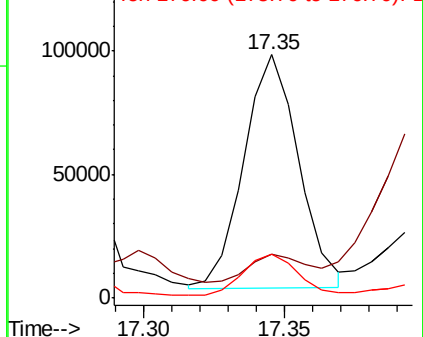
178 100

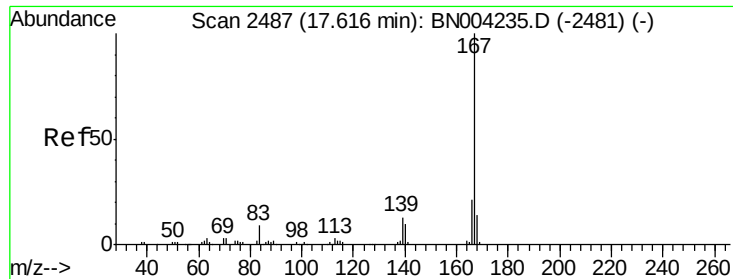
179 17.9 12.1 18.1

176 18.2 15.2 22.8



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

Carbazole

Concen: 2.337 ng/ul

RT: 17.62 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BN004245.D

Acq: 27 Dec 2018 17:40

Instrument :

BNA_N

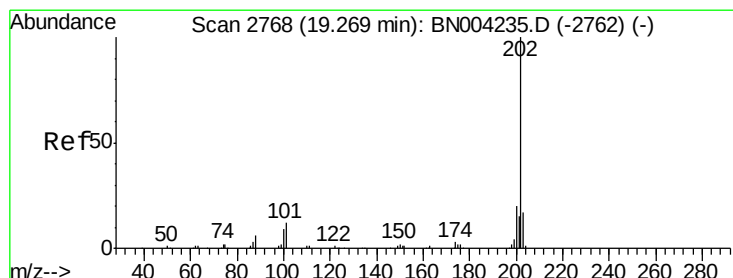
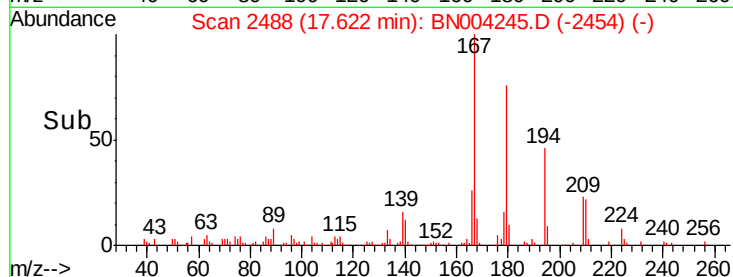
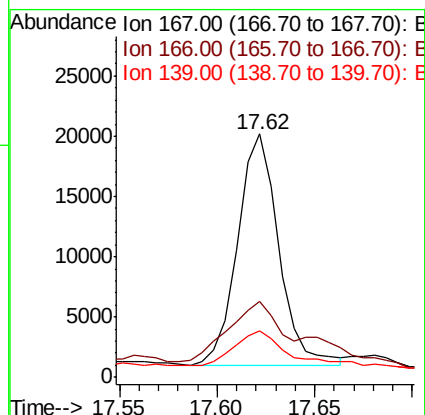
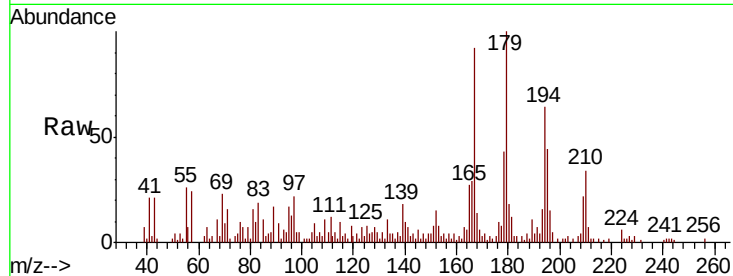
ClientSampled :

F9F76

Tot Ion:	167	Resp:	28111
Ion Ratio	Lower	Upper	
167	100		
166	30.9	17.4	26.0#
139	19.2	10.2	15.2#

Manual Integrations
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#76

Fluoranthene

Concen: 15.464 ng/ul

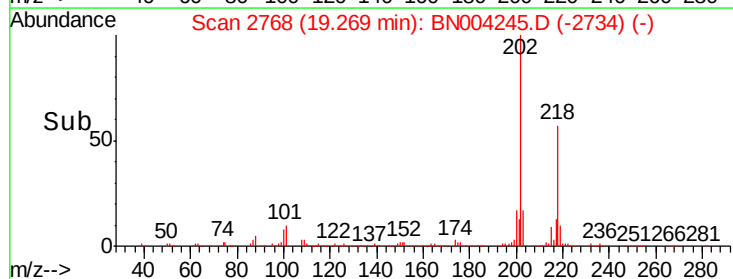
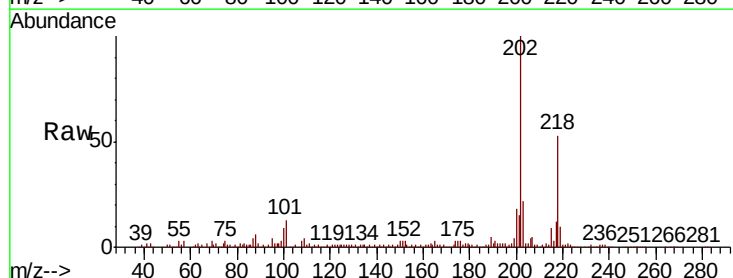
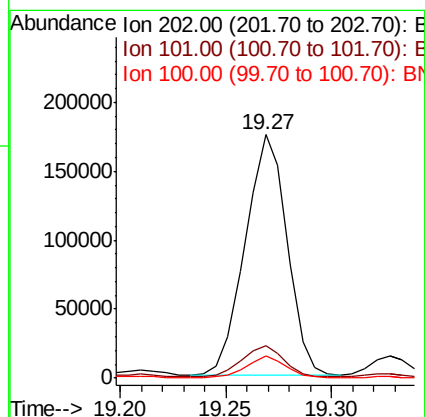
RT: 19.27 min Scan# 2768

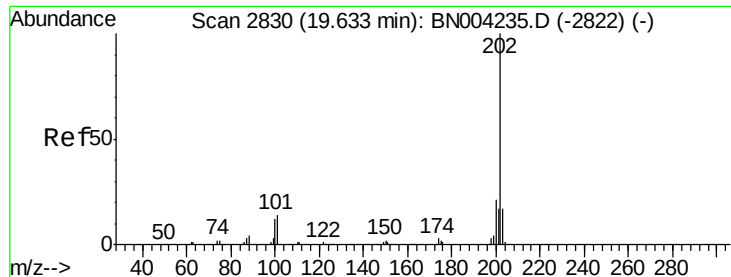
Delta R.T. 0.00 min

Lab File: BN004245.D

Acq: 27 Dec 2018 17:40

Tgt Ion:	202	Resp:	242067
Ion Ratio	Lower	Upper	
202	100		
101	13.1	10.2	15.2
100	9.0	7.8	11.8





#79

Pvrene

Concen: 43.213 ng/ul

RT: 19.64 min Scan# 2831

Delta R.T. 0.01 min

Lab File: BN004245.D

Acq: 27 Dec 2018 17:40

Instrument :

BNA_N

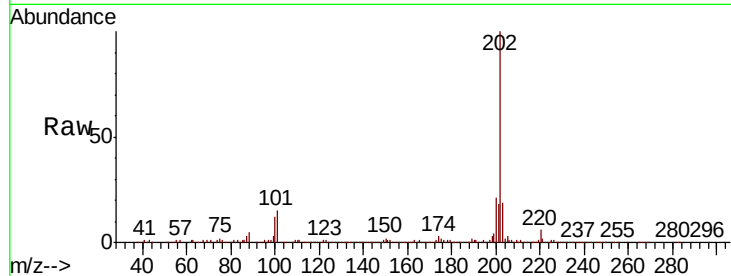
ClientSampleId :

F9F76

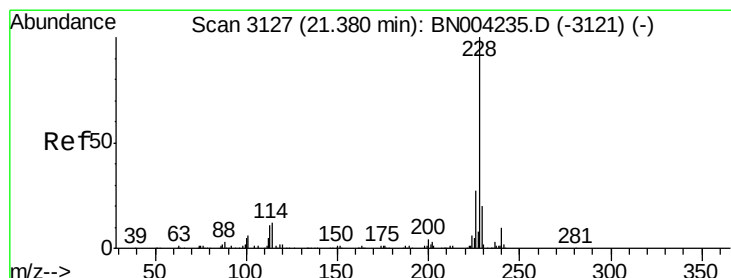
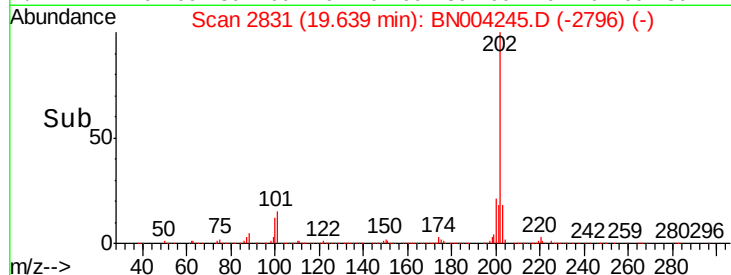
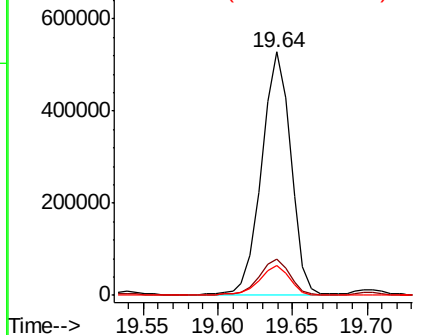
Tot Ion:	202	Resp:	710299
Ion Ratio	Lower	Upper	
202	100		
101	15.1	12.2	18.2
100	12.3	9.9	14.9

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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



#82

Benzo(a)anthracene

Concen: 16.547 ng/ul m

RT: 21.39 min Scan# 3128

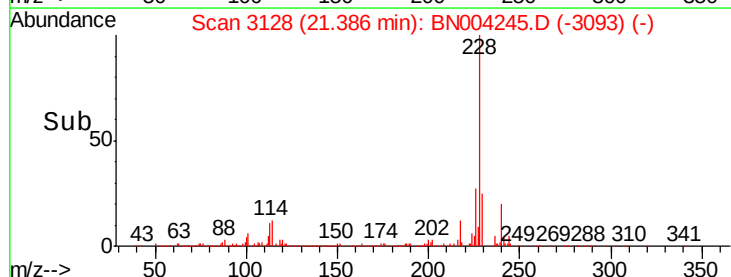
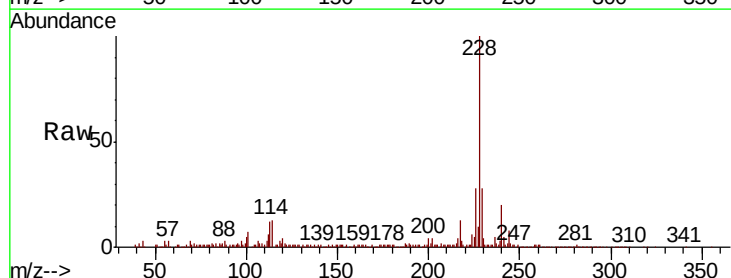
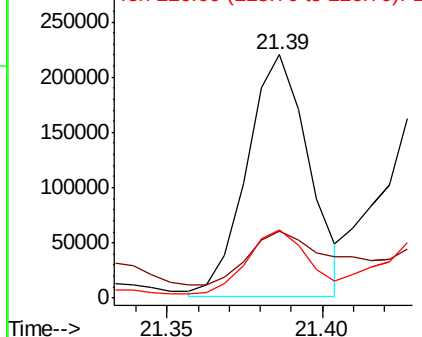
Delta R.T. 0.01 min

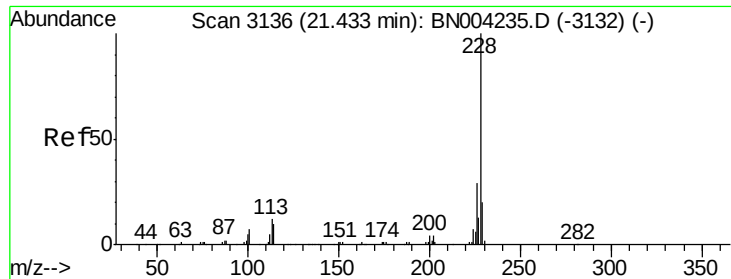
Lab File: BN004245.D

Acq: 27 Dec 2018 17:40

Tgt Ion:	228	Resp:	303575
Ion Ratio	Lower	Upper	
228	100		
229	27.7	15.9	23.9#
226	27.9	21.4	32.2

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





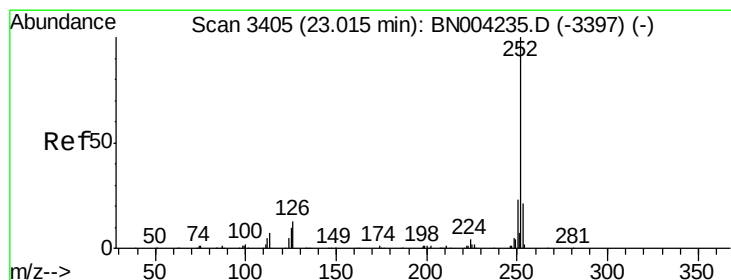
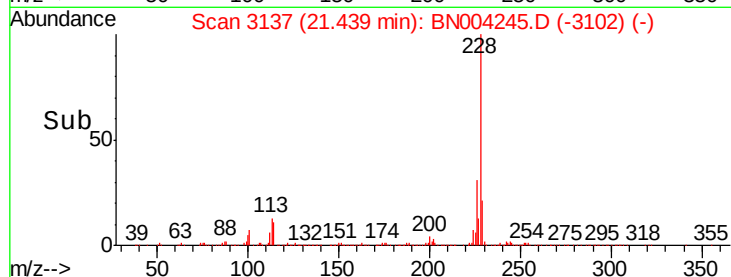
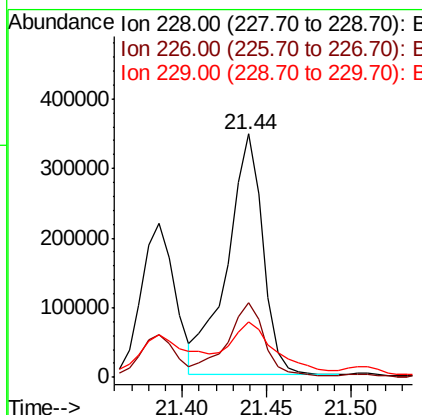
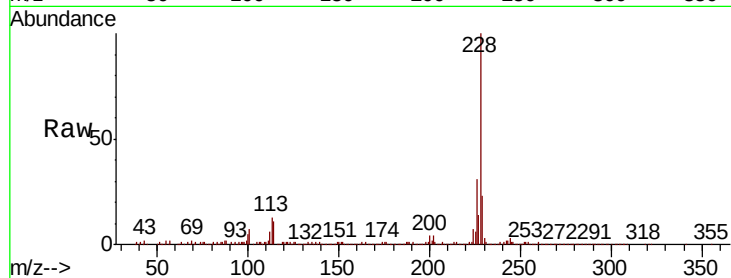
#84
Chrysene
Concen: 29.547 ng/ul
RT: 21.44 min Scan# 3137
Delta R.T. 0.01 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Instrument :
BNA_N
ClientSampled :
F9F76

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.8
229	22.8	15.8	23.6

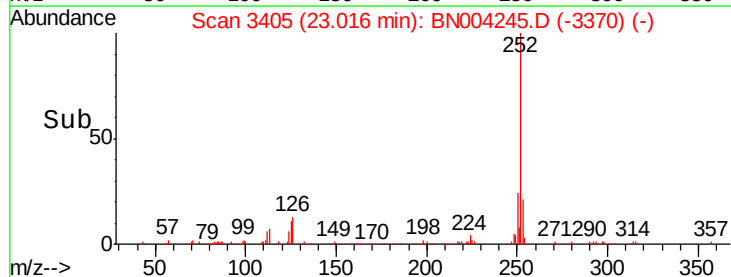
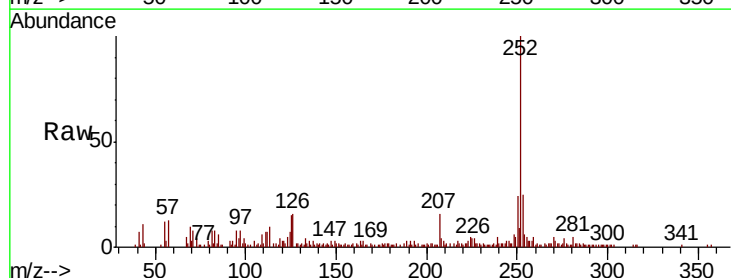
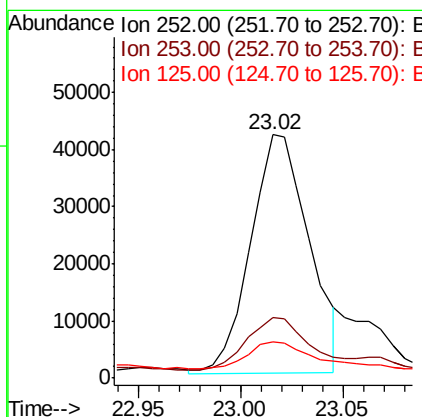
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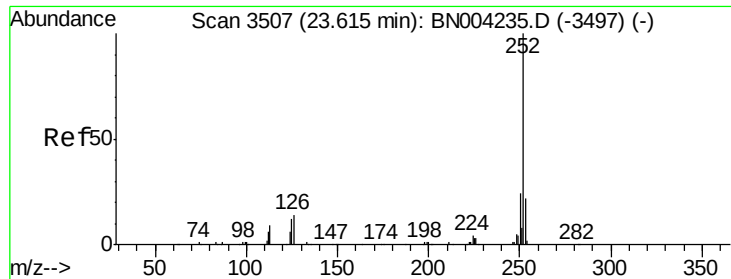
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#87
Benzo(b)fluoranthene
Concen: 4.659 ng/ul m
RT: 23.02 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.3	25.9
125	14.7	8.2	12.4#





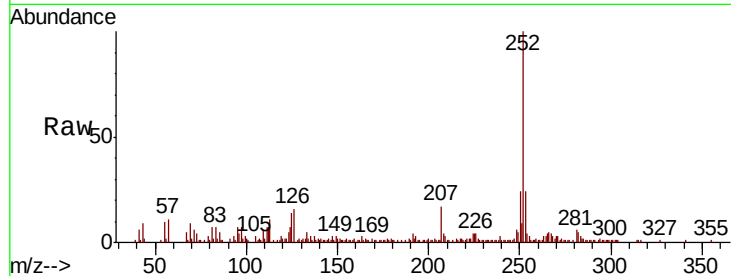
#90
Benzo(a)pyrene
Concen: 4.873 ng/ul
RT: 23.62 min Scan# 3508
Delta R.T. 0.01 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Instrument :
BNA_N
ClientSampled :
F9F76

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	14.5	9.1	13.7#

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

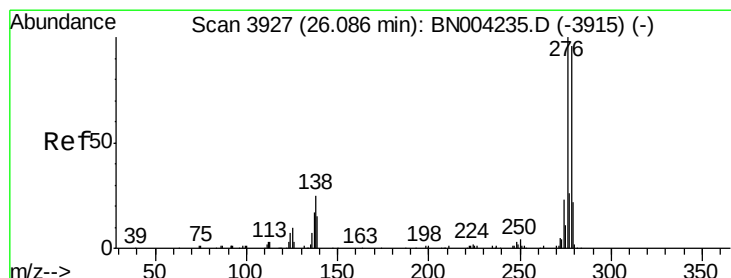
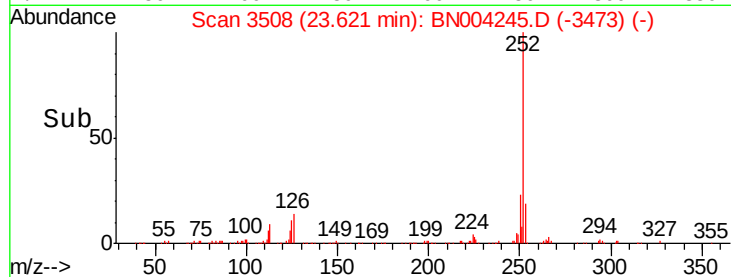
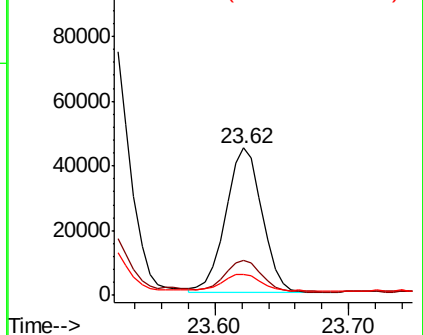


Abundance

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



#92
Dibenzo(a,h)anthracene
Concen: 1.005 ng/ul
RT: 26.07 min Scan# 3925
Delta R.T. -0.01 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

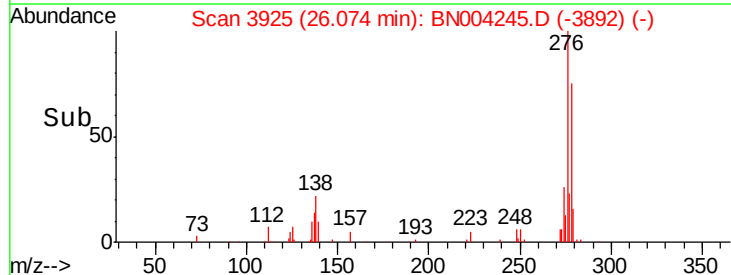
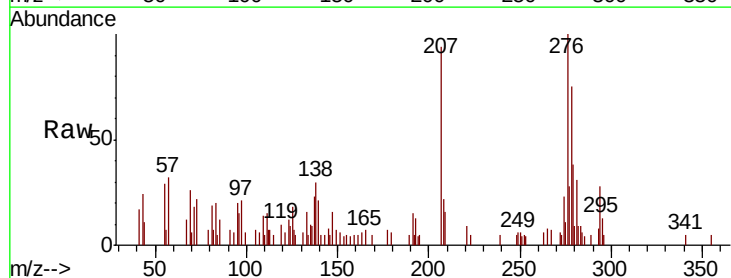
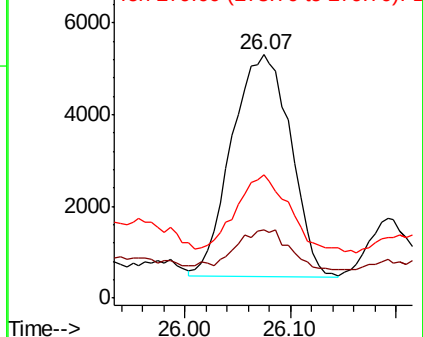
Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.0	13.3	19.9#
279	50.7	19.0	28.6#

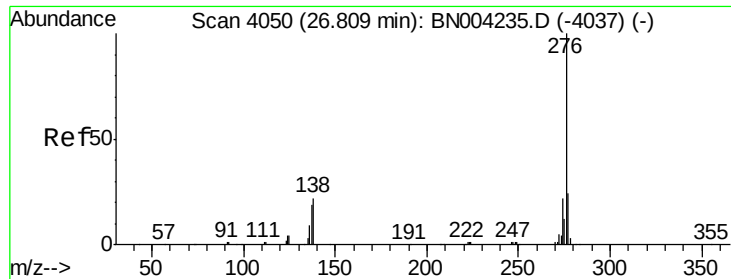
Abundance

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





#93

Benzo(a,h,i)perylene

Concen: 1.659 ng/ul

RT: 26.82 min Scan# 4051

Delta R.T. 0.01 min

Lab File: BN004245.D

Acq: 27 Dec 2018 17:40

Instrument :

BNA_N

ClientSampleId :

F9F76

Tot Ion:	276	Resp:	31143
Ion Ratio	Lower	Upper	
276	100		
138	22.6	18.2	27.4
277	26.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
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