

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122718\
 Data File : BN004240.D
 Acq On : 27 Dec 2018 14:46
 Operator : JU/SJ
 Sample : J6441-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BE7Z8

Quant Time: Dec 28 00:31:04 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	29769	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	148388	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	99879	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	221077	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	278132	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	314357	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	1745	3.84	ng/uL	0.00
5) Phenol-d5	6.99	99	44319	15.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	28353	17.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	38914	16.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	41951	17.10	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	20878	17.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	23143	17.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	39920	16.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	57671	25.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	138766	15.56	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	183035	17.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	12909	7.00	ng/ul	0.00
57) Fluorene-d10	15.45	176	124816	16.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	11544	7.25	ng/ul	0.00
70) Anthracene-d10	17.30	188	203303	18.20	ng/ul	0.00
78) Pyrene-d10	19.60	212	235725	18.95	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	283853	16.64	ng/ul	0.00

Target Compounds

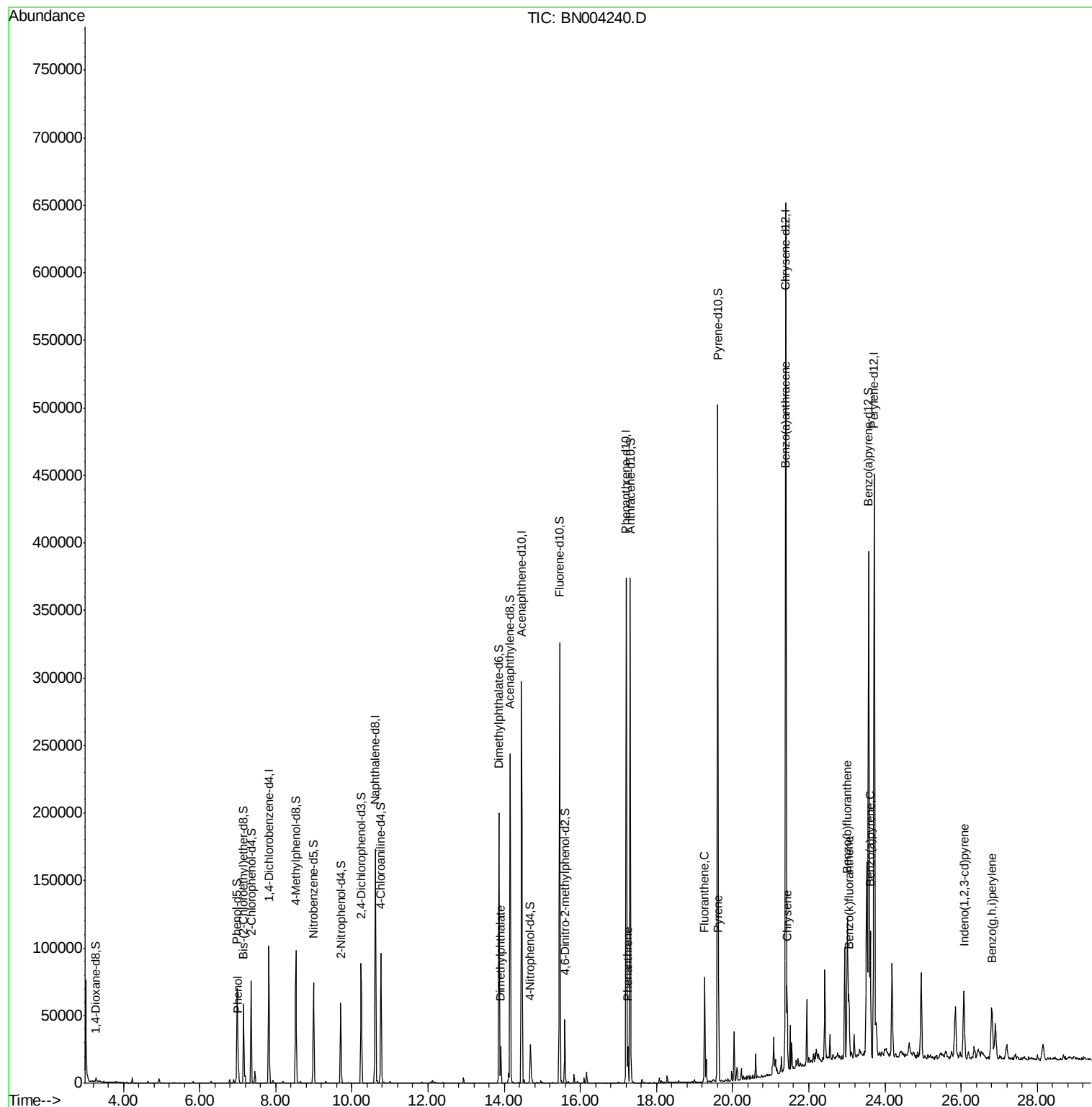
					Qvalue
6) Phenol	7.02	94	8899	3.012 ng/ul	95
44) Dimethylphthalate	13.91	163	19535	2.244 ng/ul	99
69) Phenanthrene	17.25	178	18287	1.432 ng/ul	99
76) Fluoranthene	19.26	202	48156	3.076 ng/ul	99
79) Pyrene	19.63	202	47997	3.089 ng/ul	97
82) Benzo(a)anthracene	21.38	228	38823	2.238 ng/ul	100
84) Chrysene	21.43	228	38476	2.368 ng/ul	98
87) Benzo(b)fluoranthene	23.01	252	85464	4.539 ng/ul	98
88) Benzo(k)fluoranthene	23.05	252	31574	1.791 ng/ul	97
90) Benzo(a)pyrene	23.62	252	68105	3.755 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.07	276	55125	2.332 ng/ul	95
93) Benzo(g,h,i)perylene	26.80	276	48158	2.434 ng/ul	98

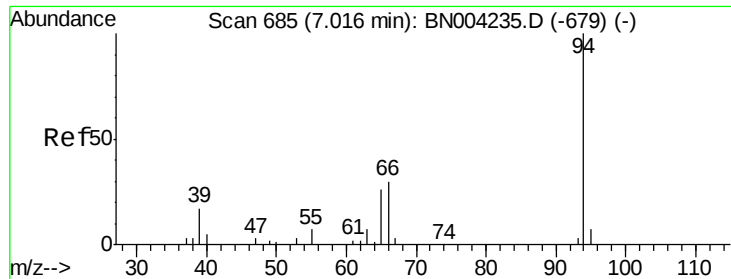
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#6

Phenol

Concen: 3.012 ng/ul

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN004240.D

Acq: 27 Dec 2018 14:46

Instrument :

MSVOA_W

ClientSampleId :

BE7Z8

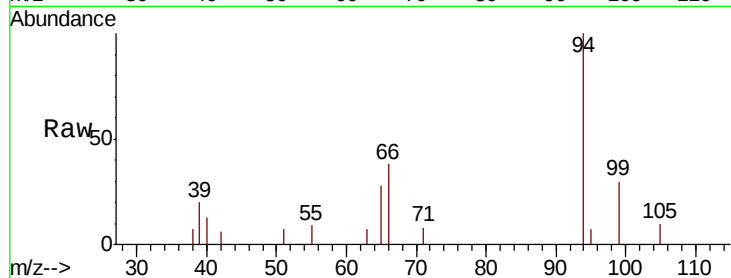
Tgt Ion: 94 Resp: 8899

Ion Ratio Lower Upper

94 100

65 27.5 21.2 31.8

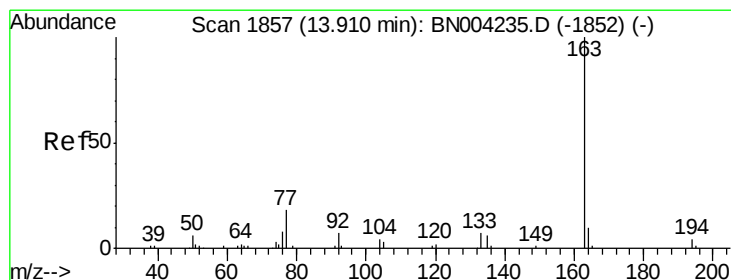
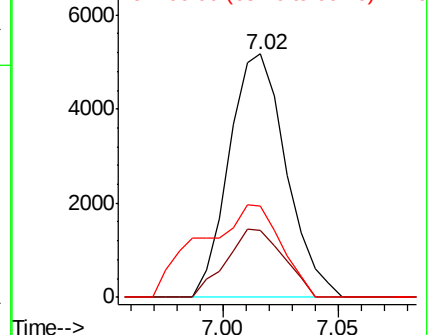
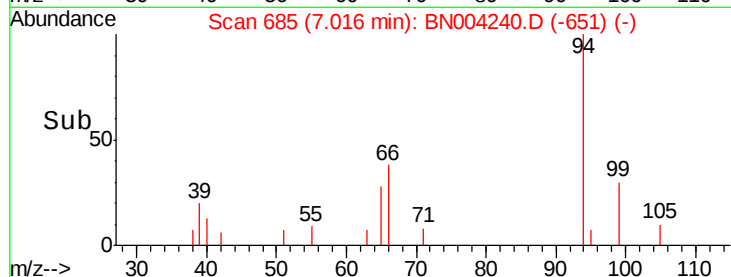
66 37.6 26.9 40.3



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: 2.244 ng/ul

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN004240.D

Acq: 27 Dec 2018 14:46

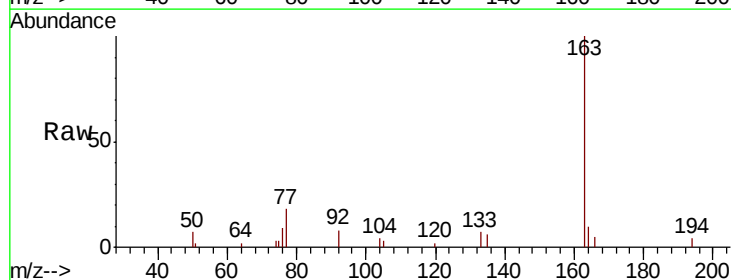
Tgt Ion: 163 Resp: 19535

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

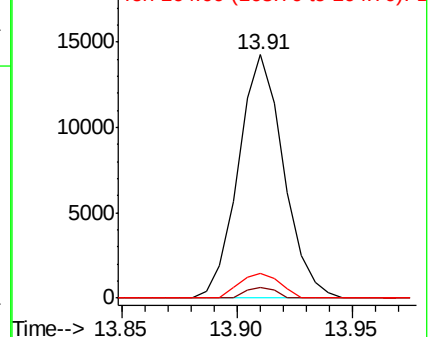
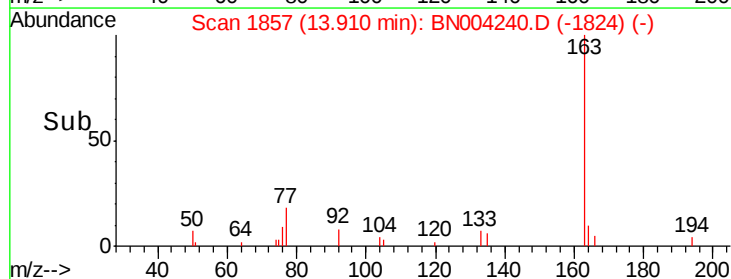
164 10.2 7.9 11.9

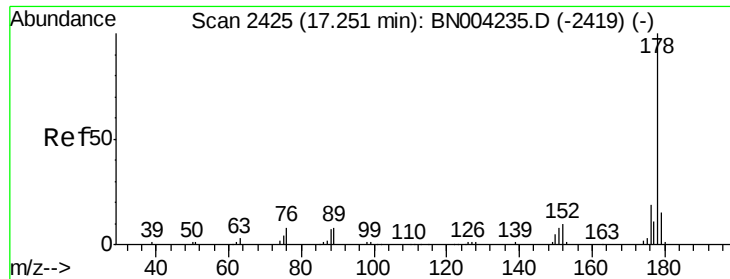


Abundance Ion 163.00 (162.70 to 163.70): BN004235.D (-1852) (-)

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

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

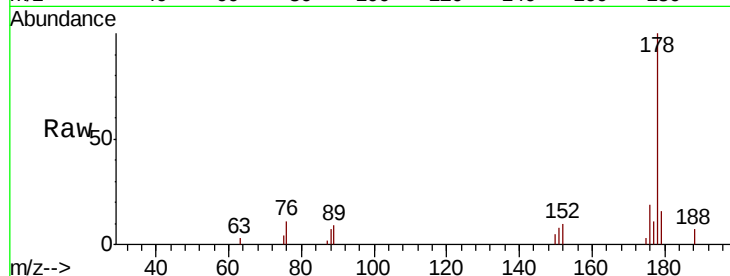




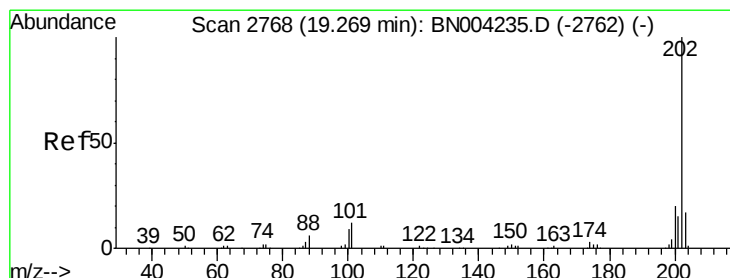
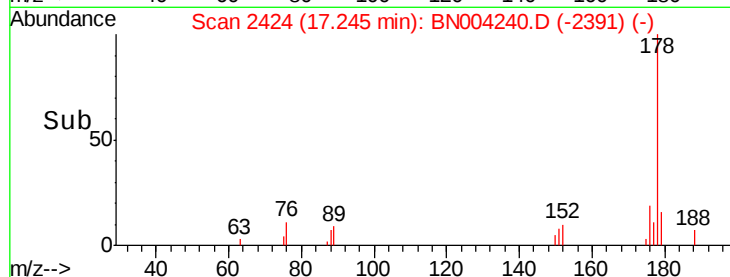
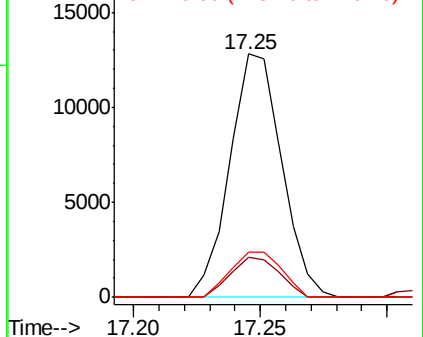
#69
Phenanthrene
Concen: 1.432 ng/ul
RT: 17.25 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BN004240.D
Acq: 27 Dec 2018 14:46

Instrument :
MSVOA_W
ClientSampleId :
BE7Z8

Tgt Ion:178 Resp: 18287
Ion Ratio Lower Upper
178 100
179 16.2 12.1 18.1
176 18.7 15.0 22.6

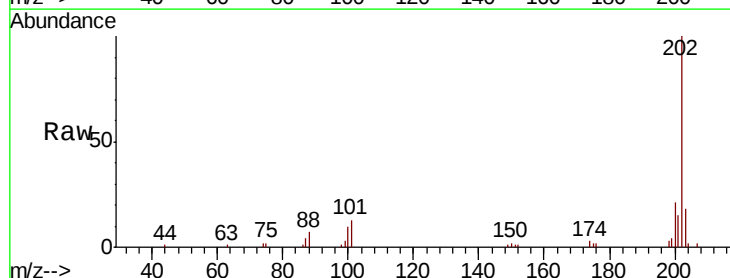


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

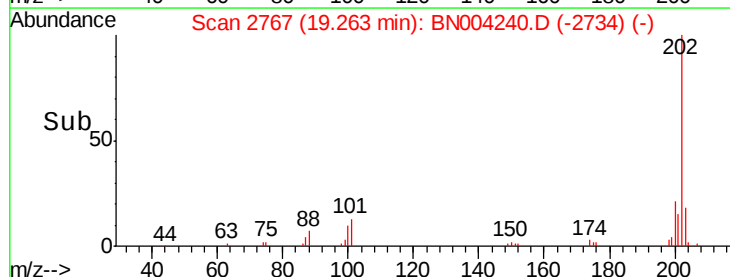
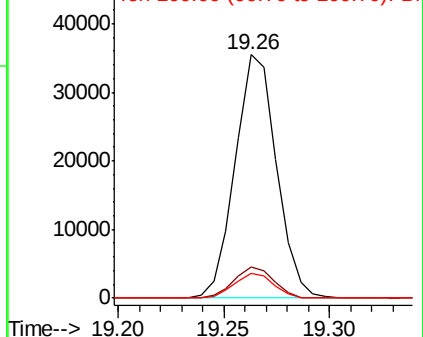


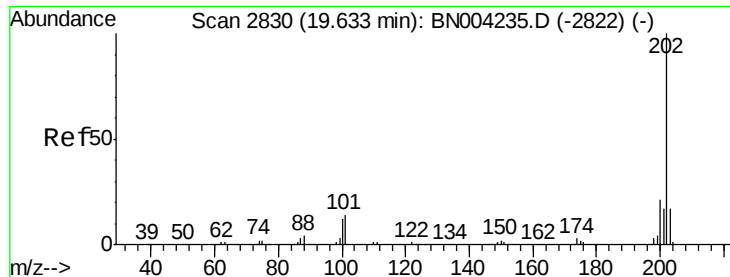
#76
Fluoranthene
Concen: 3.076 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BN004240.D
Acq: 27 Dec 2018 14:46

Tgt Ion:202 Resp: 48156
Ion Ratio Lower Upper
202 100
101 12.8 10.2 15.2
100 10.2 7.8 11.8



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: 3.089 ng/ul

RT: 19.63 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BN004240.D

Acq: 27 Dec 2018 14:46

Instrument :

MSVOA_W

ClientSampleId :

BE7Z8

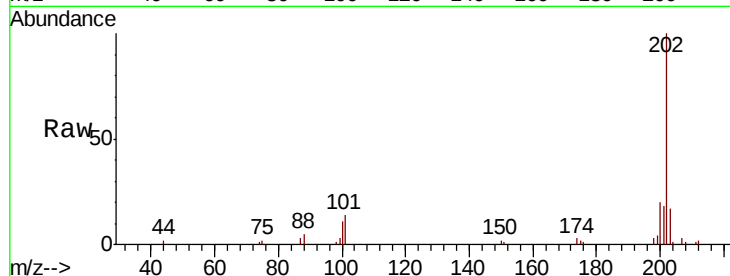
Tgt Ion:202 Resp: 47997

Ion Ratio Lower Upper

202 100

101 13.9 12.2 18.2

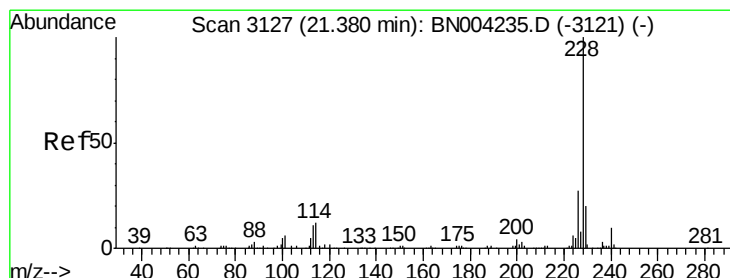
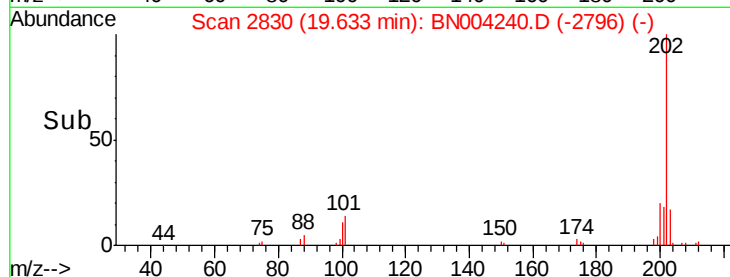
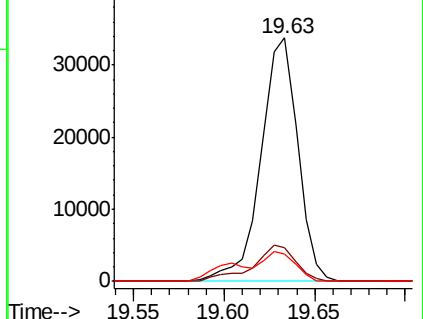
100 11.3 9.9 14.9



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



#82

Benzo(a)anthracene

Concen: 2.238 ng/ul

RT: 21.38 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BN004240.D

Acq: 27 Dec 2018 14:46

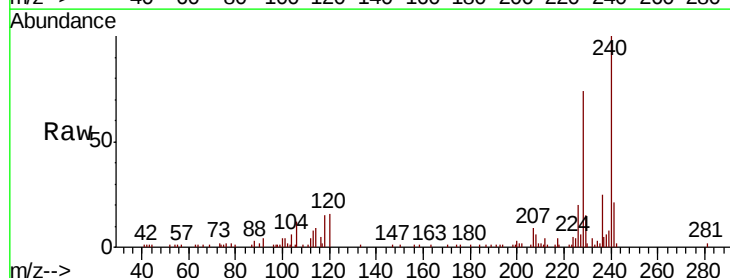
Tgt Ion:228 Resp: 38823

Ion Ratio Lower Upper

228 100

229 20.0 15.9 23.9

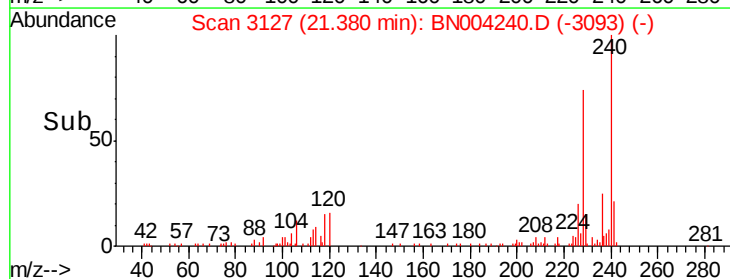
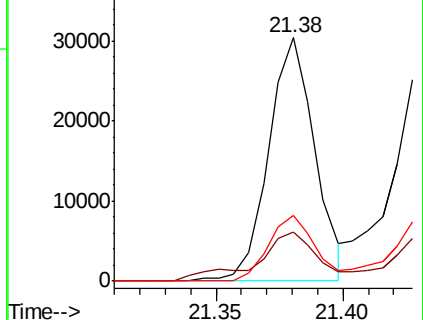
226 26.8 21.4 32.2

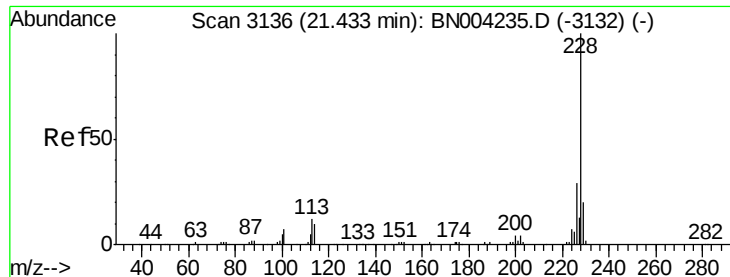


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 2.368 ng/ul

RT: 21.43 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BN004240.D

Acq: 27 Dec 2018 14:46

Instrument :

MSVOA_W

ClientSampleId :

BE7Z8

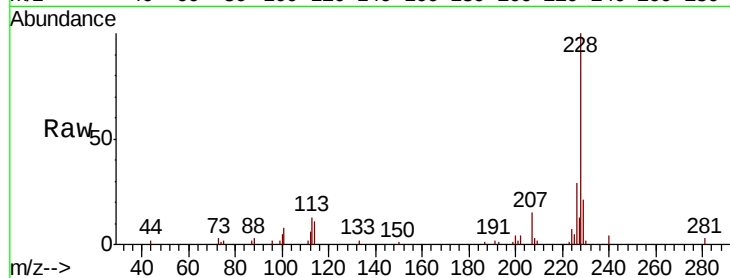
Tgt Ion:228 Resp: 38476

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.8

229 21.3 15.8 23.6

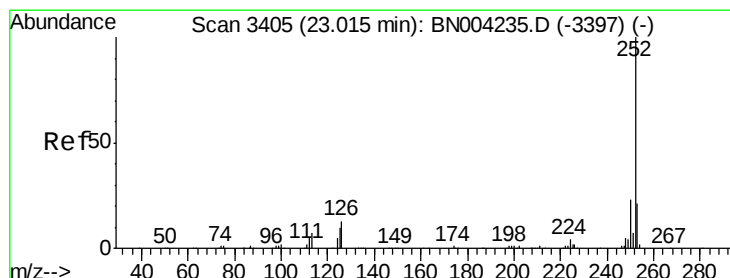
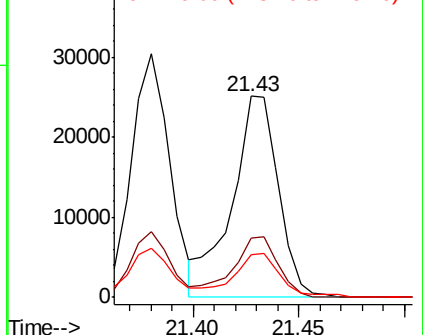
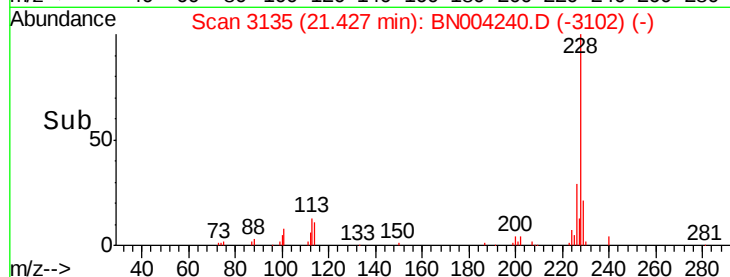


Abundance

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: 4.539 ng/ul

RT: 23.01 min Scan# 3404

Delta R.T. 0.00 min

Lab File: BN004240.D

Acq: 27 Dec 2018 14:46

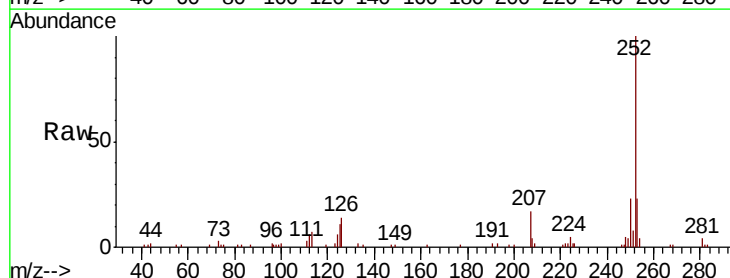
Tgt Ion:252 Resp: 85464

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 11.5 8.2 12.4

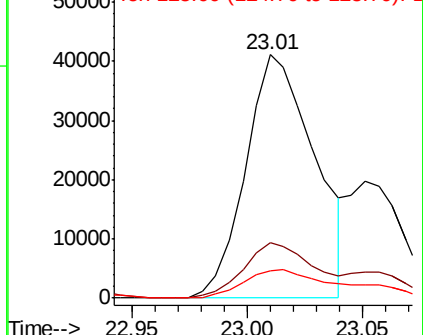
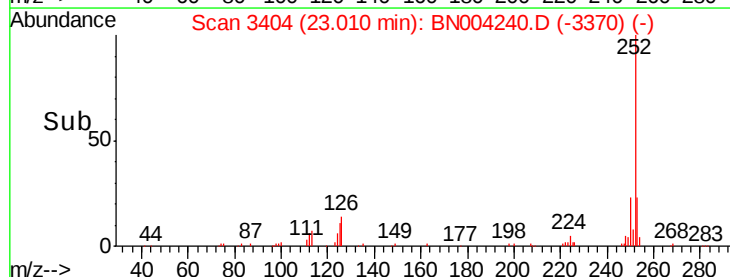


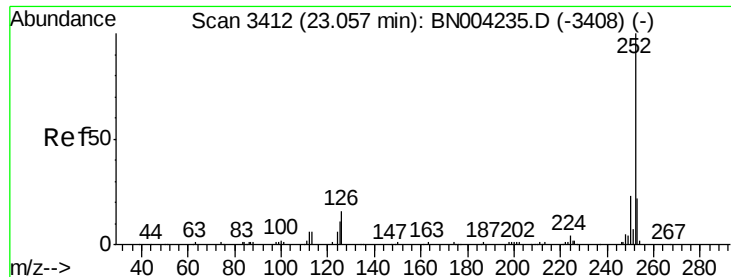
Abundance

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





#88

Benzo(k)fluoranthene

Concen: 1.791 ng/ul

RT: 23.05 min Scan# 3411

Delta R.T. -0.01 min

Lab File: BN004240.D

Acq: 27 Dec 2018 14:46

Instrument :

MSVOA_W

ClientSampled :

BE7Z8

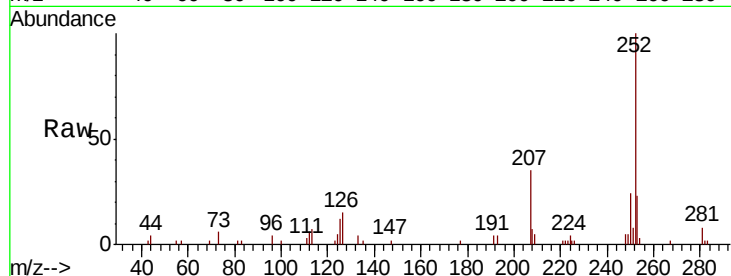
Tgt Ion:252 Resp: 31574

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

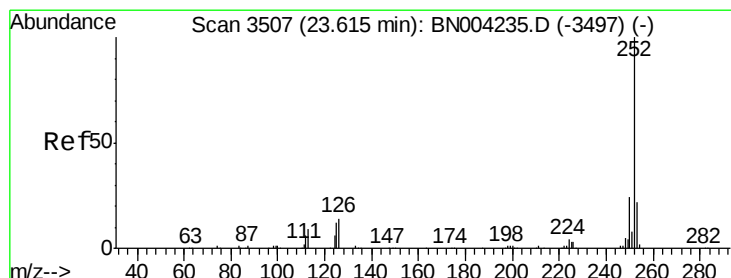
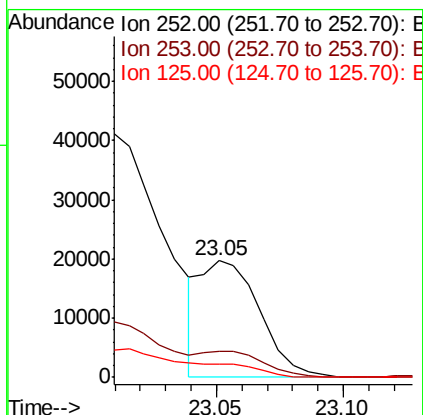
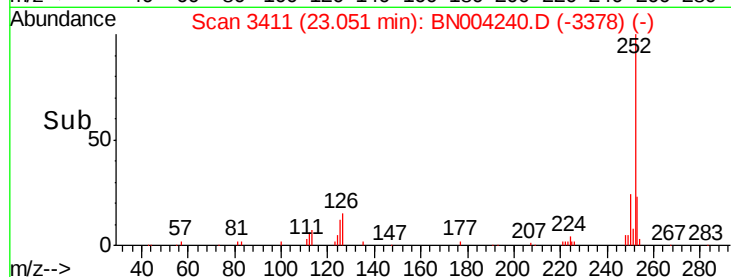
125 11.7 7.9 11.9



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



#90

Benzo(a)pyrene

Concen: 3.755 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. 0.00 min

Lab File: BN004240.D

Acq: 27 Dec 2018 14:46

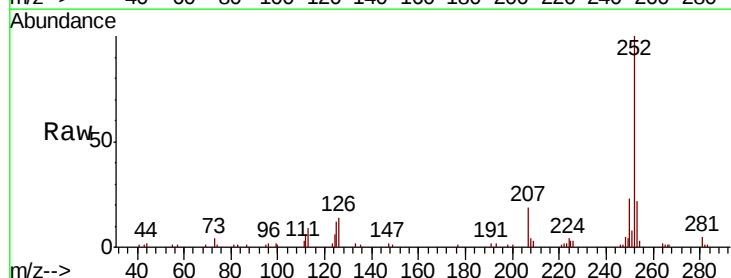
Tgt Ion:252 Resp: 68105

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

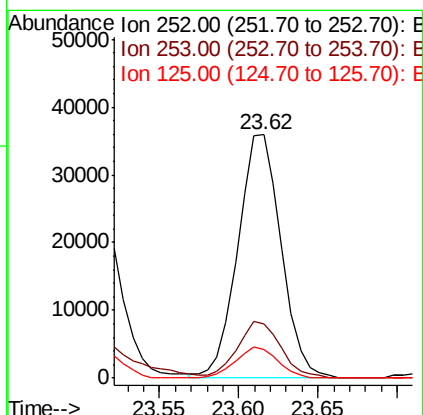
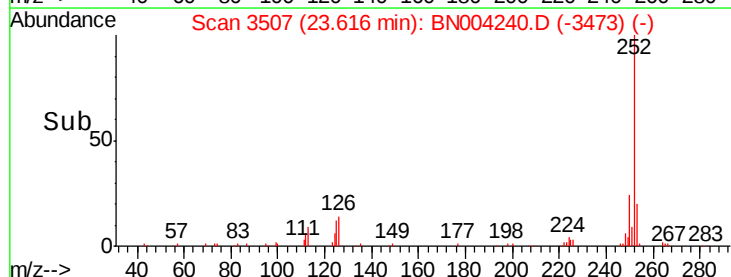
125 11.8 9.1 13.7

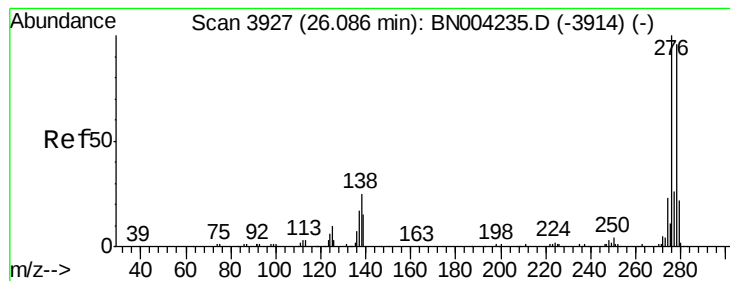


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



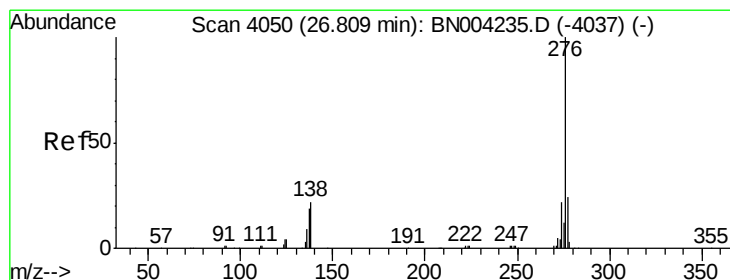
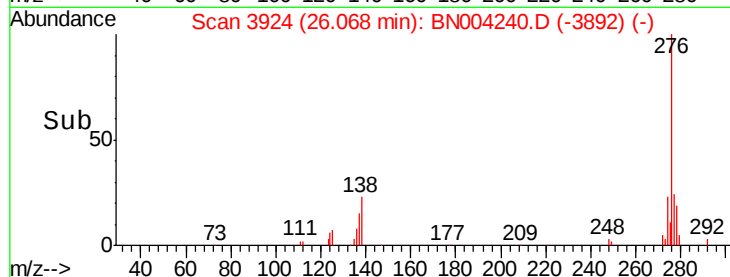
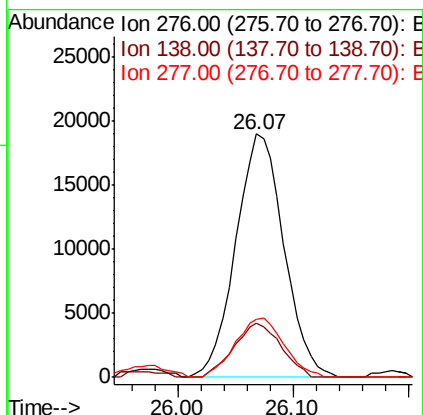
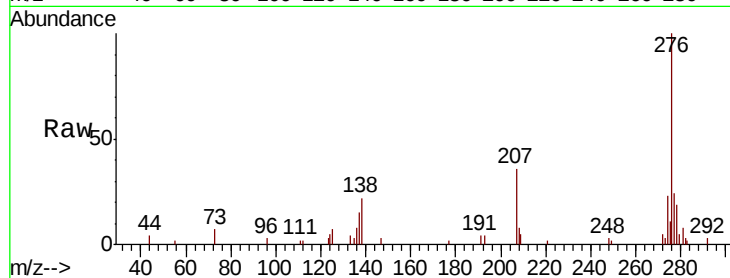


#91

Indeno(1,2,3-cd)pyrene
Concen: 2.332 ng/ul
RT: 26.07 min Scan# 3924
Delta R.T. -0.01 min
Lab File: BN004240.D
Acq: 27 Dec 2018 14:46

Instrument :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.4	30.6
277	23.8	20.6	30.8



#93

Benzo(g,h,i)perylene
Concen: 2.434 ng/ul
RT: 26.80 min Scan# 4049
Delta R.T. -0.01 min
Lab File: BN004240.D
Acq: 27 Dec 2018 14:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.7	18.2	27.4
277	25.6	19.0	28.6

