

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122118\
 Data File : BN004194.D
 Acq On : 22 Dec 2018 11:41
 Operator : JU/SJ
 Sample : J6415-09
 Misc : GC-MS Confirmation
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB552

Manual Integrations
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Quant Time: Dec 24 07:45:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 24 07:07:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	29657	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	144293	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	95782	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	221791	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	235311	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	220467	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds					Qvalue	
69) Phenanthrene	17.25	178	34837	2.718	ng/ul	99
76) Fluoranthene	19.27	202	67498	4.297	ng/ul	99
79) Pyrene	19.63	202	43187	3.285	ng/ul	99
82) Benzo(a)anthracene	21.39	228	31127	2.121	ng/ul	98
84) Chrysene	21.43	228	37401	2.721	ng/ul	97
87) Benzo(b)fluoranthene	23.02	252	45118	3.416	ng/ul#	91
88) Benzo(k)fluoranthene	23.06	252	12483m	1.009	ng/ul	

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

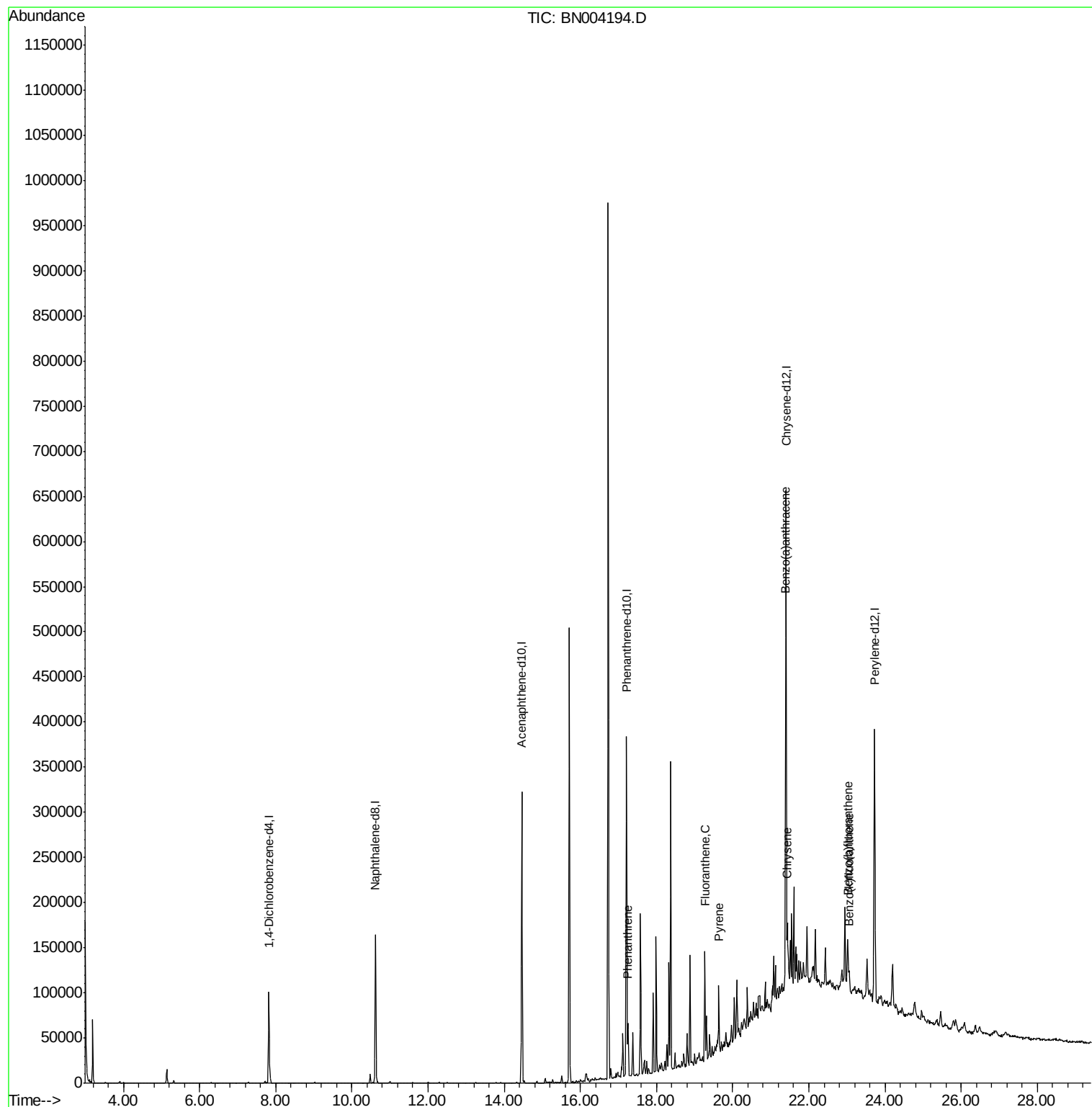
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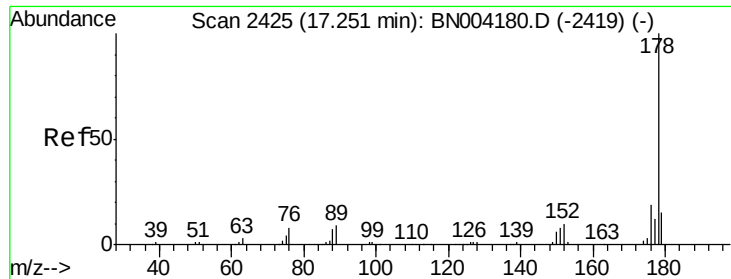
Instrument :
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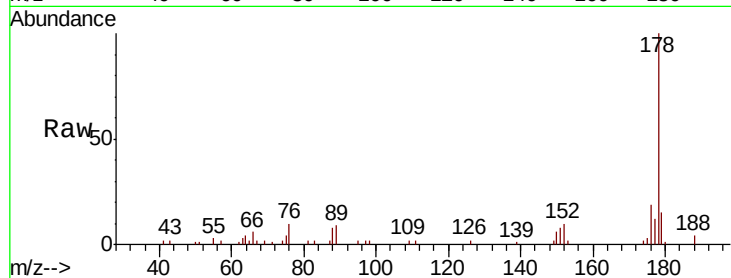
#69
Phenanthrene
Concen: 2.718 ng/ul
RT: 17.25 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BN004194.D
Acq: 22 Dec 2018 11:41

Instrument :
BNA_N
ClientSampled :
CB552

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	19.1	15.0	22.6

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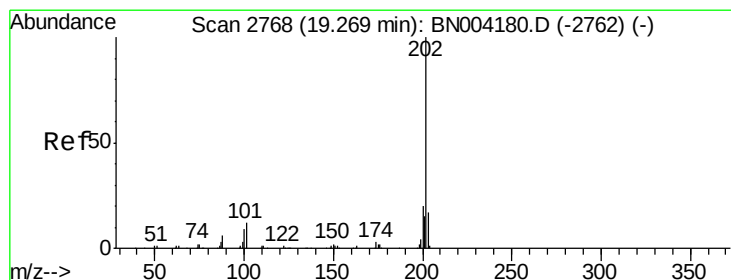
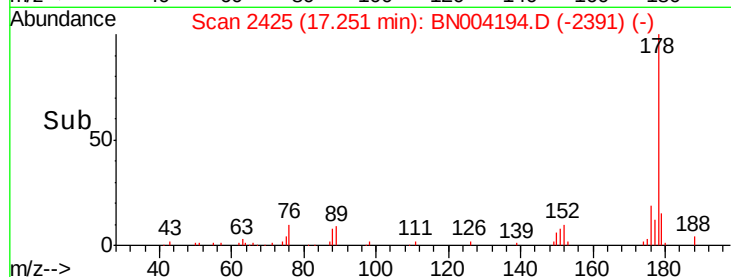
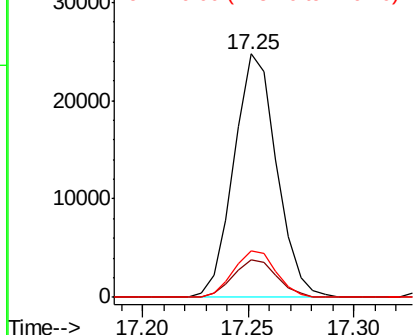


Abundance

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



#76
Fluoranthene
Concen: 4.297 ng/ul
RT: 19.27 min Scan# 2768
Delta R.T. -0.00 min
Lab File: BN004194.D
Acq: 22 Dec 2018 11:41

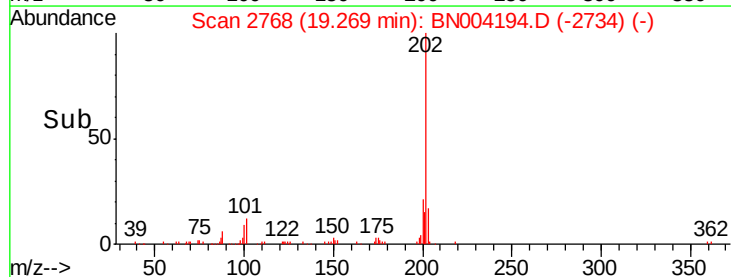
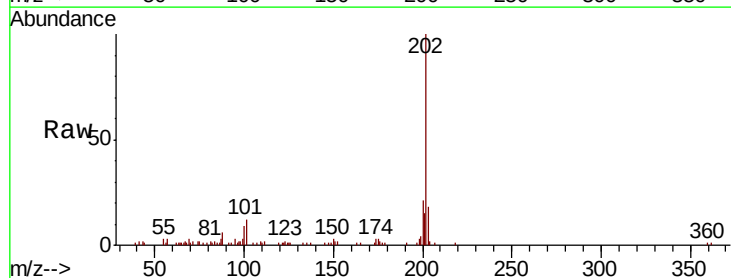
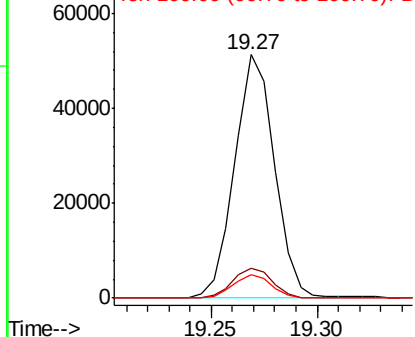
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.2	15.2
100	9.5	7.8	11.8

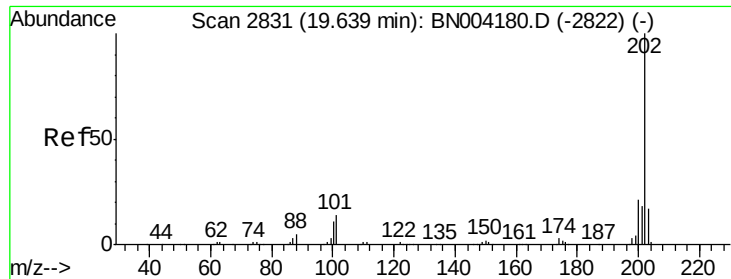
Abundance

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





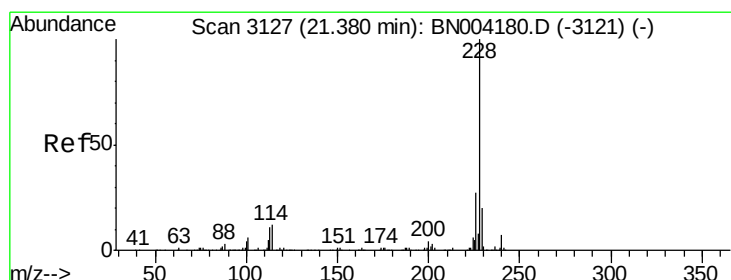
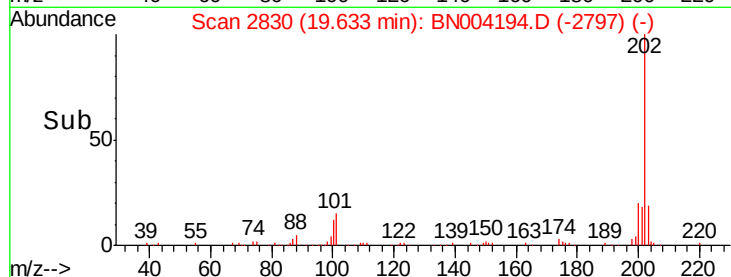
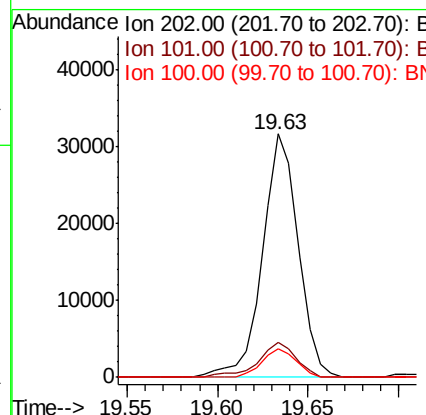
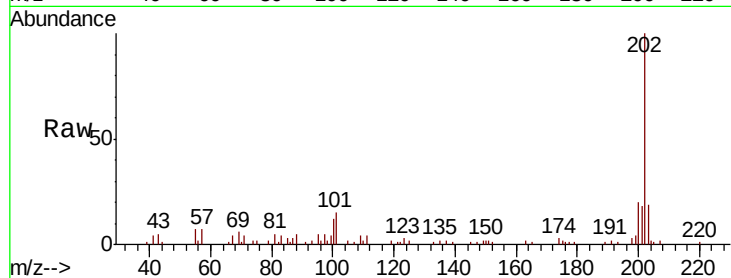
#79
Pyrene
Concen: 3.285 ng/ul
RT: 19.63 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BN004194.D
Acq: 22 Dec 2018 11:41

Instrument :
BNA_N
ClientSampleId :
CB552

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.6	12.2	18.2
100	12.0	9.9	14.9

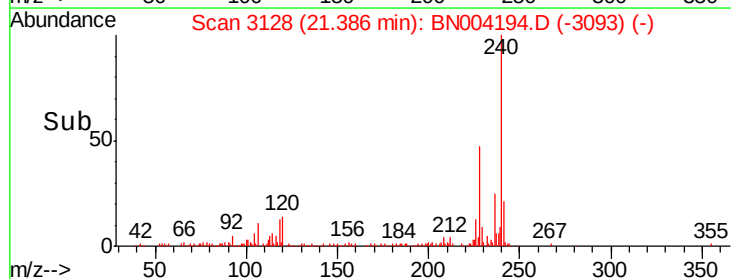
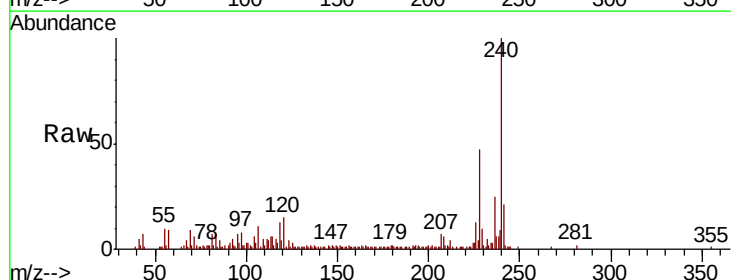
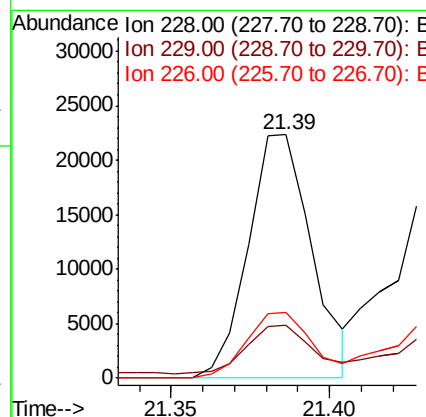
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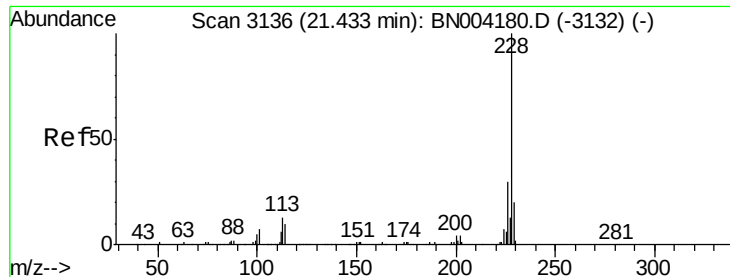
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#82
Benzo(a)anthracene
Concen: 2.121 ng/ul
RT: 21.39 min Scan# 3128
Delta R.T. 0.01 min
Lab File: BN004194.D
Acq: 22 Dec 2018 11:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.6	15.9	23.9
226	27.2	21.4	32.2





#84

Chrysene

Concen: 2.721 ng/ul

RT: 21.43 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BN004194.D

Acq: 22 Dec 2018 11:41

Instrument :

BNA_N

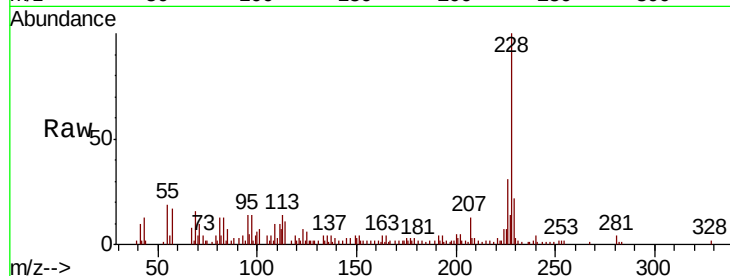
ClientSampled :

CB552

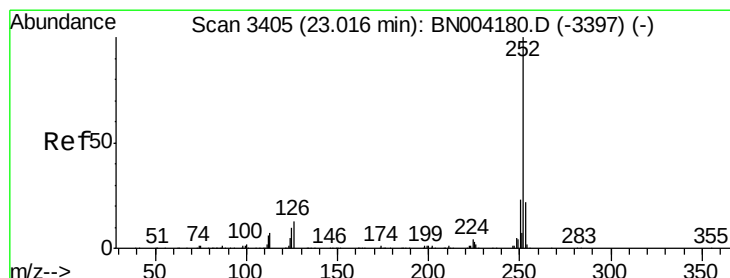
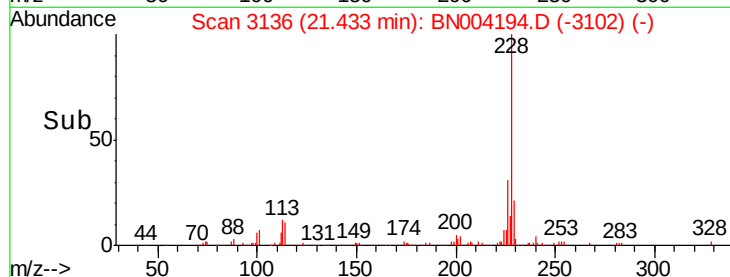
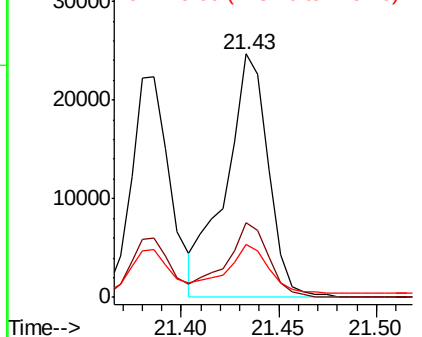
Tgt Ion:	228	Resp:	37401
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.8	35.8
229	21.8	15.8	23.6

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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: 3.416 ng/ul

RT: 23.02 min Scan# 3406

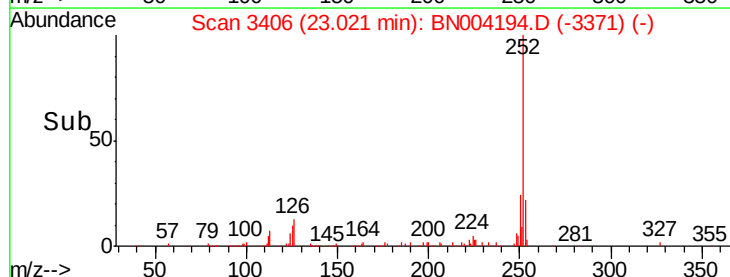
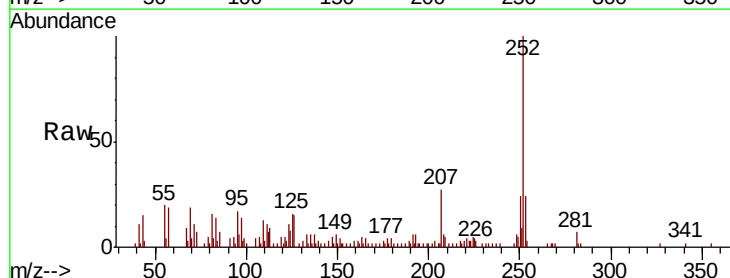
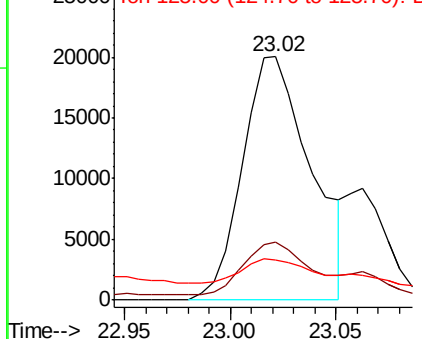
Delta R.T. 0.01 min

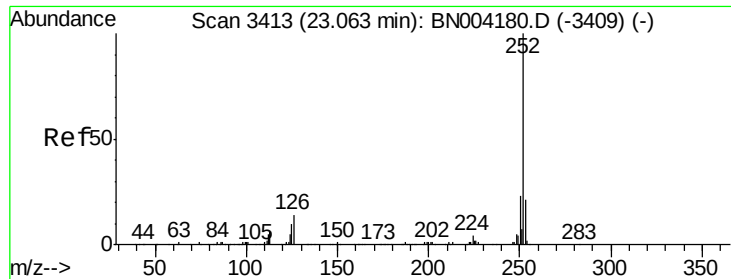
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Tgt Ion:	252	Resp:	45118
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.3	25.9
125	16.3	8.2	12.4#

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: 1.009 ng/ul m
 RT: 23.06 min Scan# 3413
 Delta R.T. -0.00 min
 Lab File: BN004194.D
 Acq: 22 Dec 2018 11:41

Instrument :
 BNA_N
 ClientSampleId :
 CB552

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.3	17.1	25.7
125	21.6	7.9	11.9

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