

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021819\
 Data File : BN004444.D
 Acq On : 18 Feb 2019 15:56
 Operator : JU/SJ
 Sample : K1492-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB5B9

Manual Integrations
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Quant Time: Feb 19 07:17:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 14 07:13:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	25002	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	133705	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	98123	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	244619	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	338854	20.00	ng/ul	0.00
86) Perylene-d12	23.62	264	400010	20.00	ng/ul	0.02

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
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul

Target Compounds

				Ovalue	
70) Phenanthrene	17.17	178	90469	6.666	ng/ul 98
77) Fluoranthene	19.20	202	189851	11.363	ng/ul 97
80) Pyrene	19.56	202	138222	7.376	ng/ul 98
83) Benzo(a)anthracene	21.32	228	97804	4.683	ng/ul# 89
85) Chrysene	21.37	228	101144	5.102	ng/ul# 91
88) Benzo(b)fluoranthene	22.93	252	98446	4.156	ng/ul# 42
89) Benzo(k)fluoranthene	22.97	252	39910m	1.733	ng/ul

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

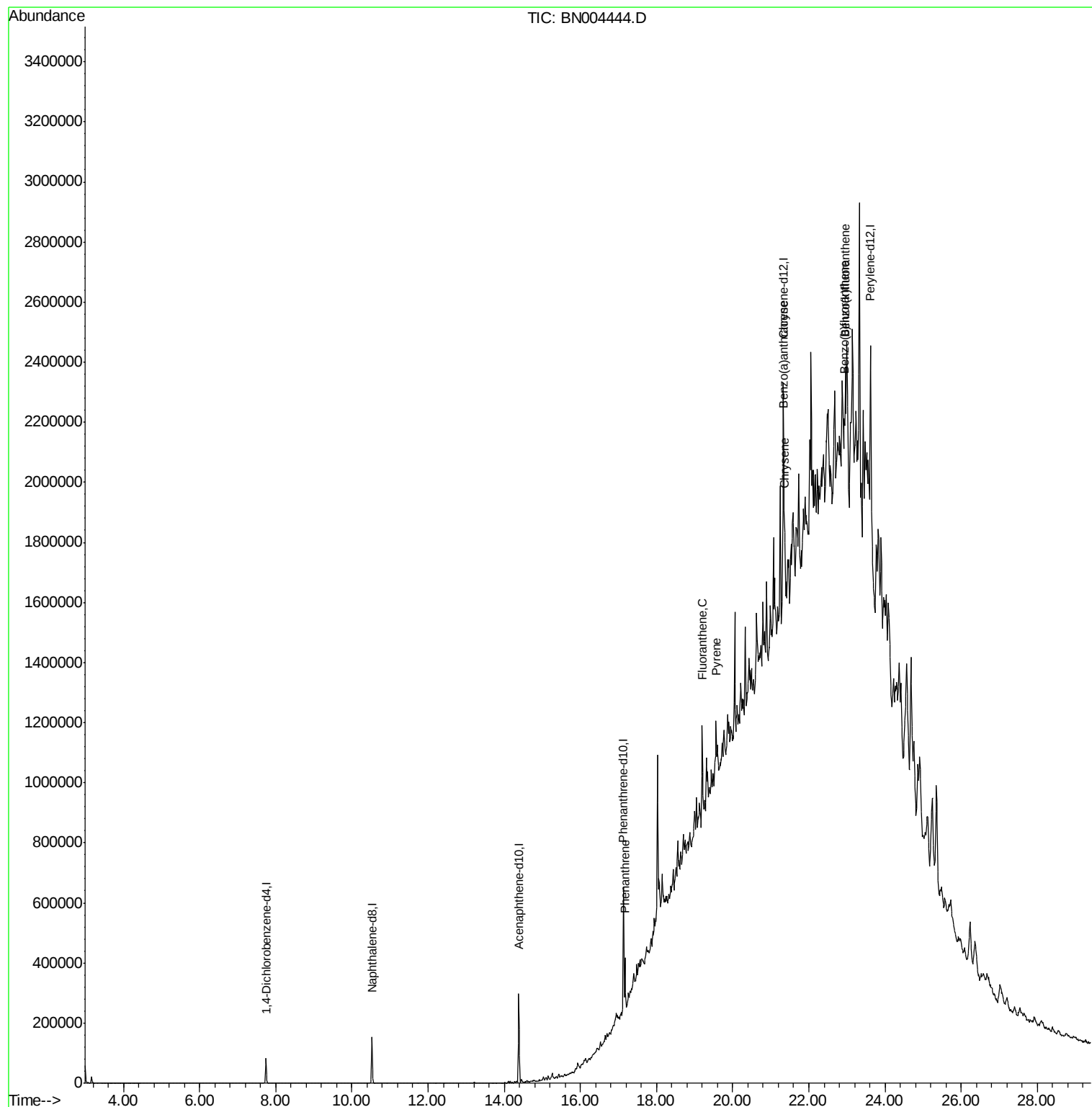
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021819\
Data File : BN004444.D
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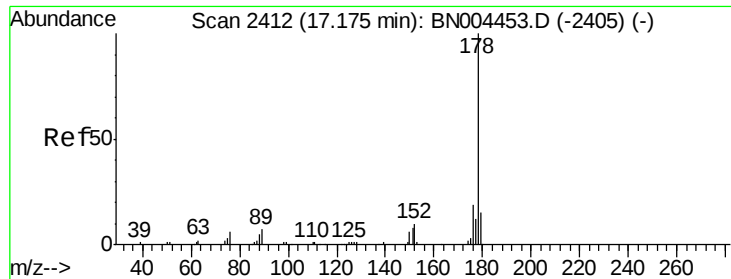
Instrument :
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Quant Time: Feb 19 07:17:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
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#70

Phenanthrene

Concen: 6.666 ng/ul

RT: 17.17 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BN004444.D

Acq: 18 Feb 2019 15:56

Instrument :

BNA_N

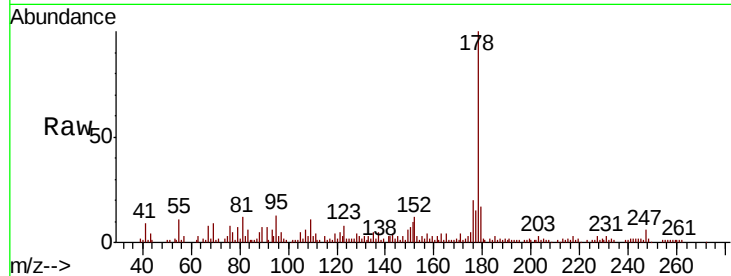
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CB5B9

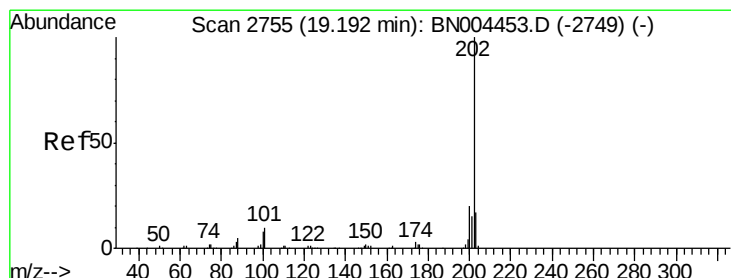
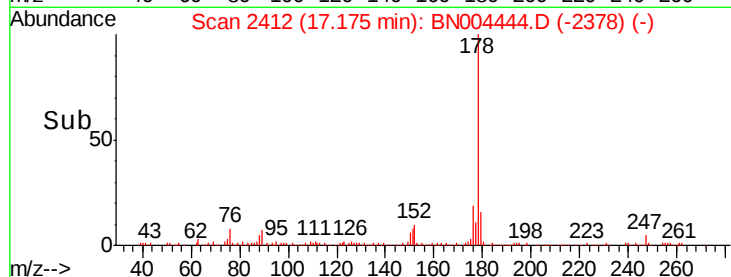
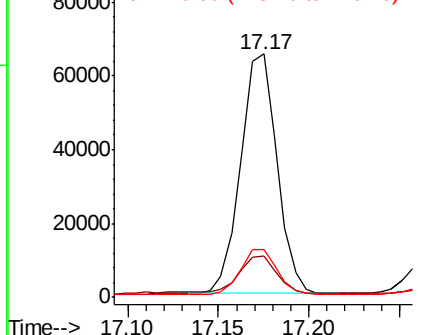
Tot Ion:	178	Resp:	90469
Ion Ratio	Lower	Upper	
178	100		
179	16.8	12.3	18.5
176	19.5	15.4	23.0

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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



#77

Fluoranthene

Concen: 11.363 ng/ul

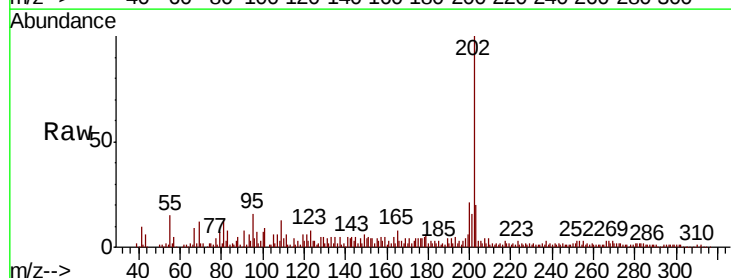
RT: 19.20 min Scan# 2756

Delta R.T. 0.01 min

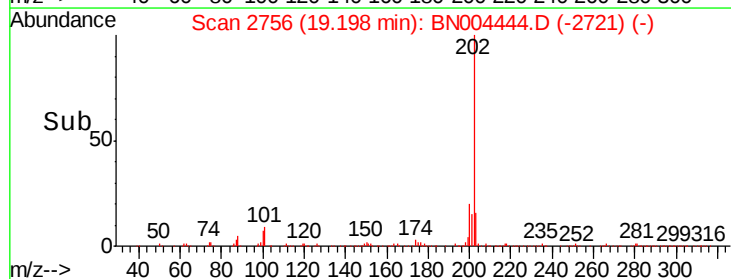
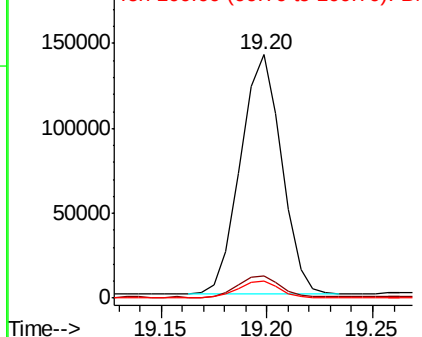
Lab File: BN004444.D

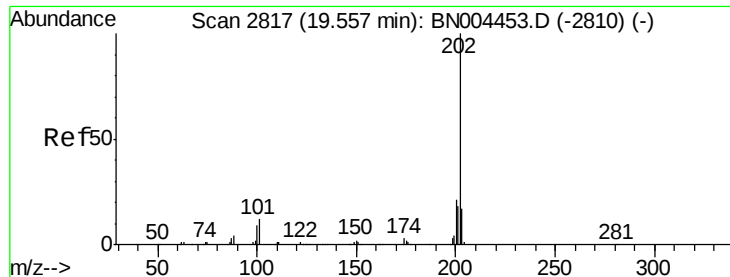
Acq: 18 Feb 2019 15:56

Tgt Ion:	202	Resp:	189851
Ion Ratio	Lower	Upper	
202	100		
101	9.2	8.2	12.4
100	7.0	6.6	9.8



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





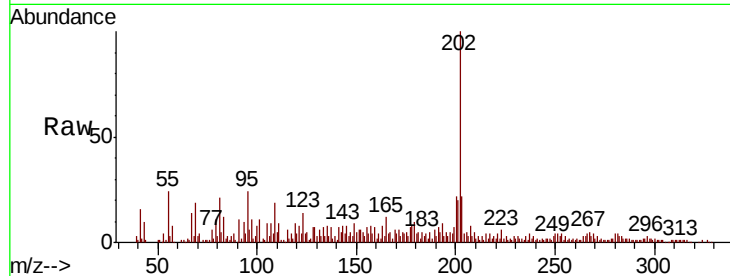
#80
Pvrene
Concen: 7.376 ng/ul
RT: 19.56 min Scan# 2818
Delta R.T. 0.00 min
Lab File: BN004444.D
Acq: 18 Feb 2019 15:56

Instrument :
BNA_N
ClientSampled :
CB5B9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	9.2	13.8
100	8.4	7.5	11.3

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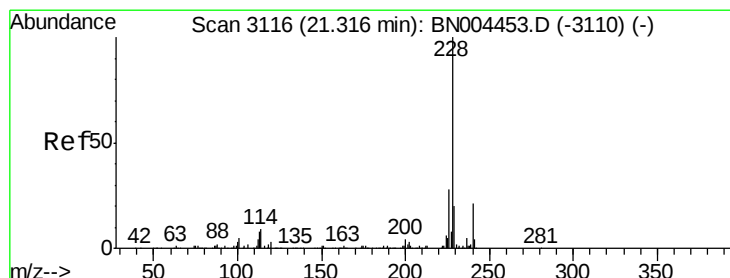
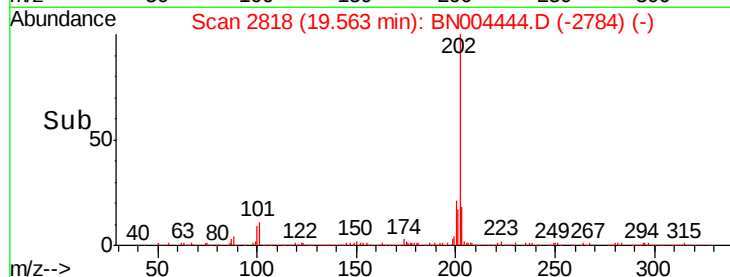
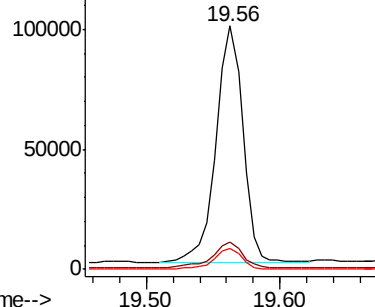


Abundance

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



#83
Benzo(a)anthracene
Concen: 4.683 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BN004444.D
Acq: 18 Feb 2019 15:56

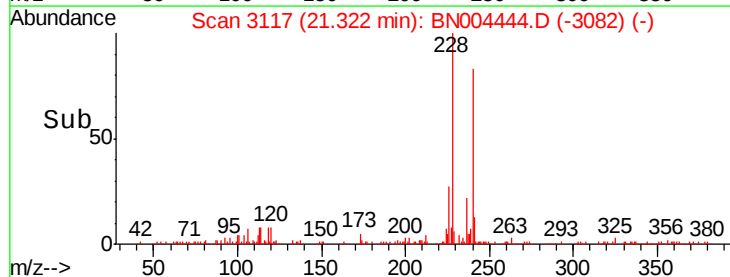
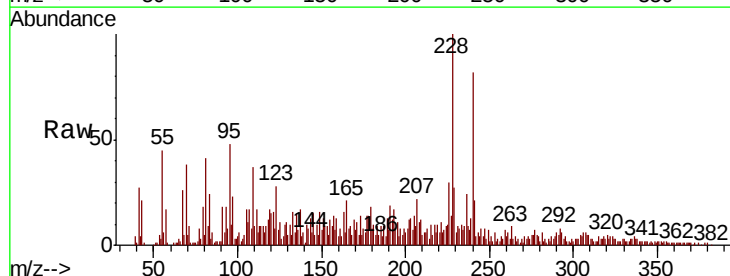
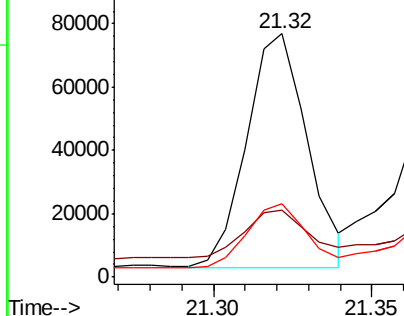
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	27.3	15.4	23.2#
226	30.0	21.4	32.2

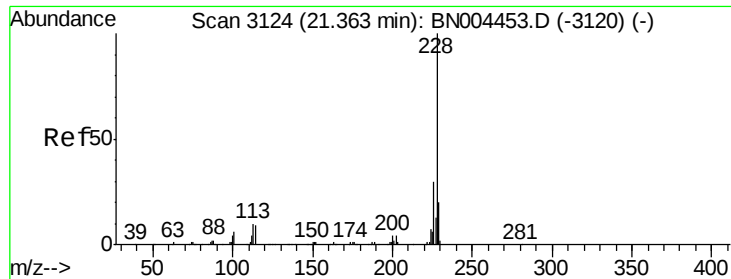
Abundance

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





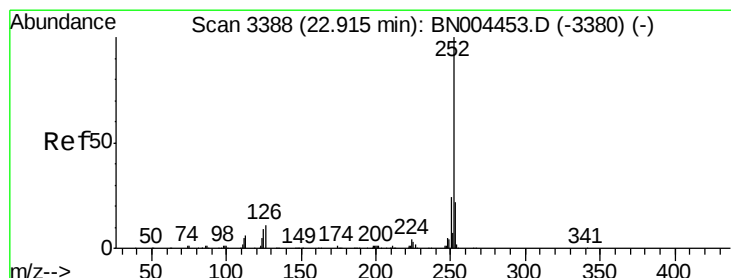
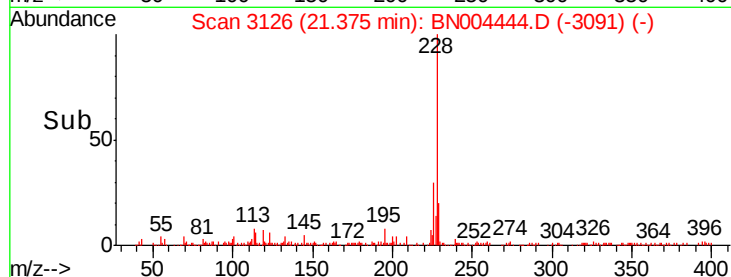
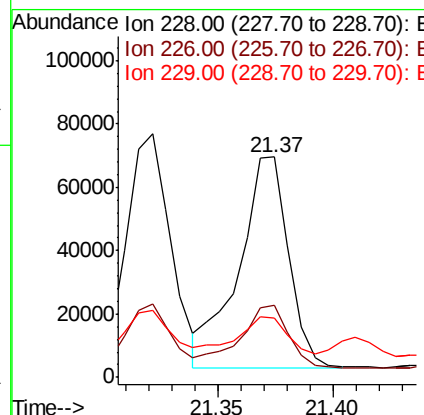
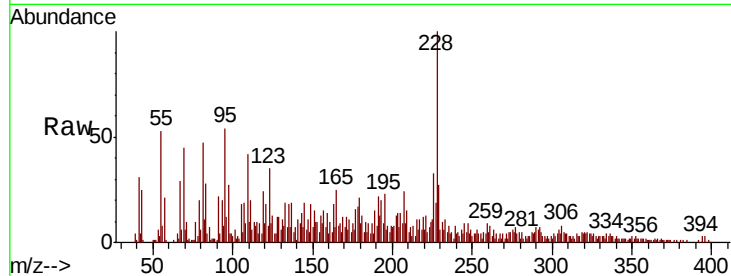
#85
Chrysene
Concen: 5.102 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. 0.01 min
Lab File: BN004444.D
Acq: 18 Feb 2019 15:56

Instrument :
BNA_N
ClientSampleId :
CB5B9

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.0	36.0
229	27.1	15.7	23.5

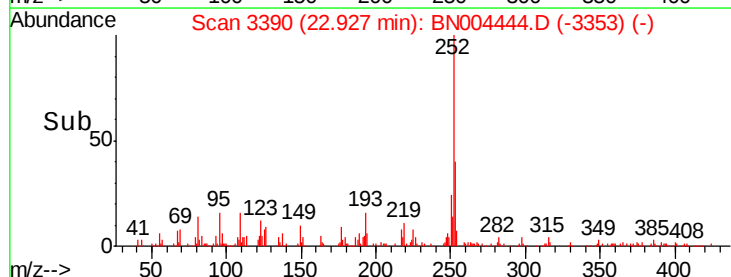
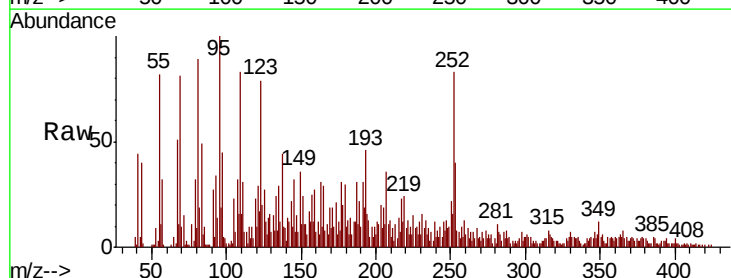
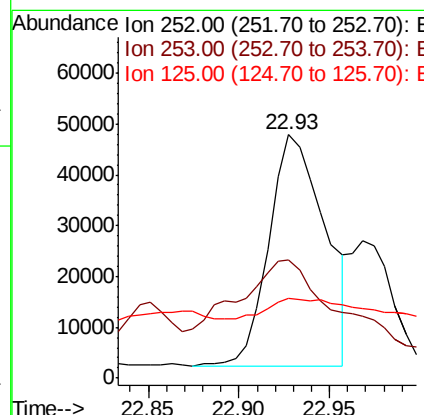
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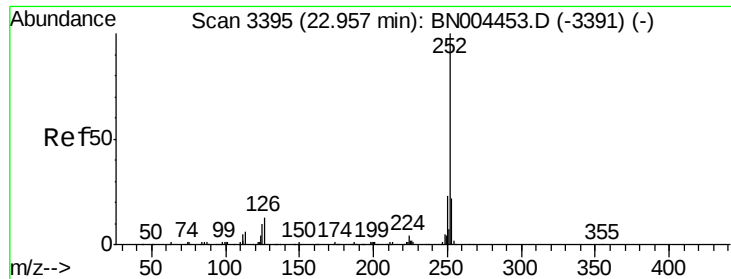
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#88
Benzo(b)fluoranthene
Concen: 4.156 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. 0.02 min
Lab File: BN004444.D
Acq: 18 Feb 2019 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	48.6	17.7	26.5
125	32.5	7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 1.733 ng/ul m

RT: 22.97 min Scan# 3397

Delta R.T. 0.01 min

Lab File: BN004444.D

Acq: 18 Feb 2019 15:56

Instrument :

BNA_N

ClientSampleId :

CB5B9

Tot Ion:	252	Resp:	39910
Ion Ratio	Lower	Upper	
252	100		
253	45.5	17.4	26.2#
125	50.4	7.4	11.0#

Manual Integrations
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