

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042421\
 Data File : BN014418.D
 Acq On : 25 Apr 2021 00:36
 Operator : CG/JU
 Sample : M2065-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG561

Manual Integrations
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 4/26/2021 11:43:01 AM

Quant Time: Apr 26 03:40:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 23 12:06:34 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	109182	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	453151	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	255360	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.06	188	560300	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	623216	20.00	ng/ul	0.00
88) Perylene-d12	23.49	264	587229	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	4595	1.60	ng/uL	0.00
4) Pyridine-d5	3.63	84	15311m	2.01	ng/ul	0.02
7) Phenol-d5	6.85	99	89567	9.81	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	63674	11.65	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	78204	10.89	ng/ul	0.00
15) 4-Methylphenol-d8	8.38	113	73923	10.68	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	43028	13.14	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	28443	8.87	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	65990	9.55	ng/ul	0.00
31) 4-Chloroaniline-d4	10.59	131	70872	6.92	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	239703	12.96	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	310154	13.94	ng/ul	0.00
54) 4-Nitrophenol-d4	14.51	143	9086	2.53	ng/ul	0.00
60) Fluorene-d10	15.32	176	218103	13.34	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	2939	0.98	ng/ul	0.00
73) Anthracene-d10	17.16	188	328482	12.56	ng/ul	0.00
81) Pyrene-d10	19.46	212	359974	11.90	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.34	264	374356	12.02	ng/ul	0.00

Target Compounds

					Ovalue
50) Acenaphthylene	14.04	152	37447	1.581 ng/ul	97
80) Fluoranthene	19.13	202	90029	2.355 ng/ul	100
82) Pyrene	19.49	202	101262	2.488 ng/ul	99
85) Benzo(a)anthracene	21.25	228	145306m	3.608 ng/ul	
87) Chrysene	21.30	228	131072	3.358 ng/ul	96
90) Benzo(b)fluoranthene	22.82	252	154513	3.933 ng/ul#	95
91) Benzo(k)fluoranthene	22.86	252	69282m	1.772 ng/ul	
93) Benzo(a)pyrene	23.39	252	129181	3.717 ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	25.72	276	72261	1.569 ng/ul	97
96) Benzo(g,h,i)perylene	26.40	276	50821	1.365 ng/ul	98

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

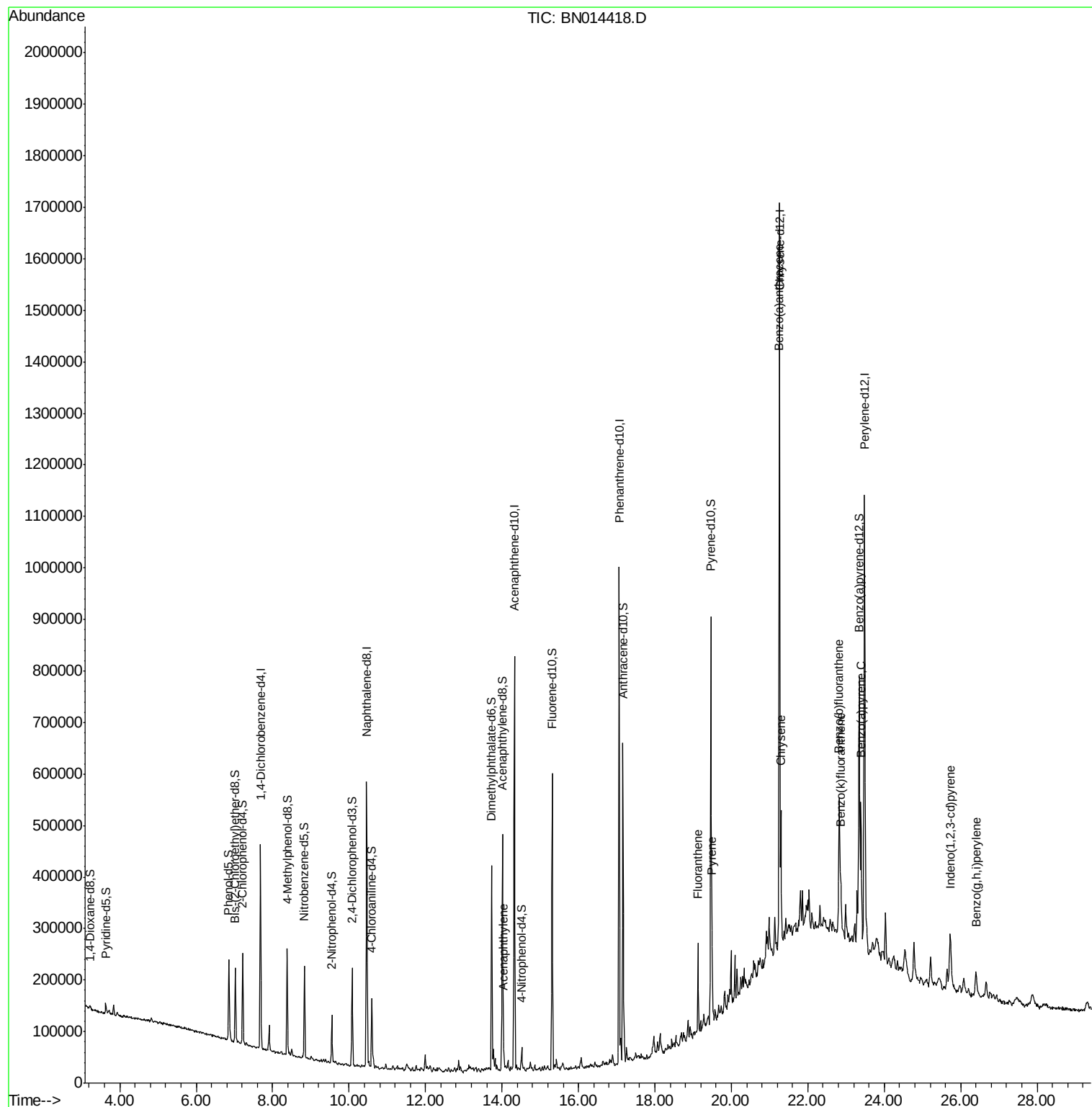
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042421\
Data File : BN014418.D
Acq On : 25 Apr 2021 00:36
Operator : CG/JU
Sample : M2065-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

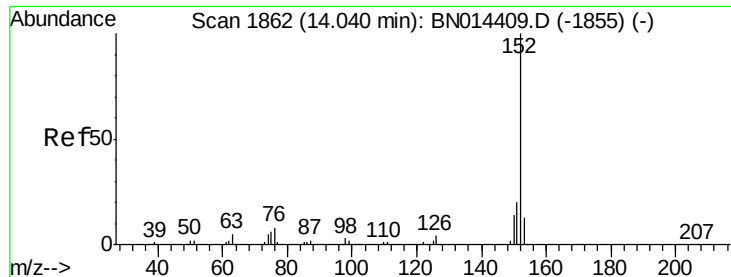
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 23 12:06:34 2021
Response via : Initial Calibration





#50

Acenaphthylene

Concen: 1.581 ng/ul

RT: 14.04 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BN014418.D

Acq: 25 Apr 2021 00:36

Instrument :

BNA_N

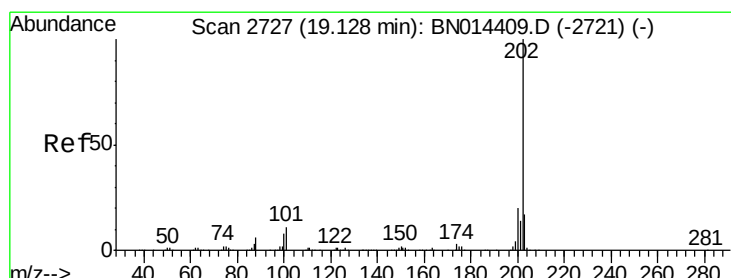
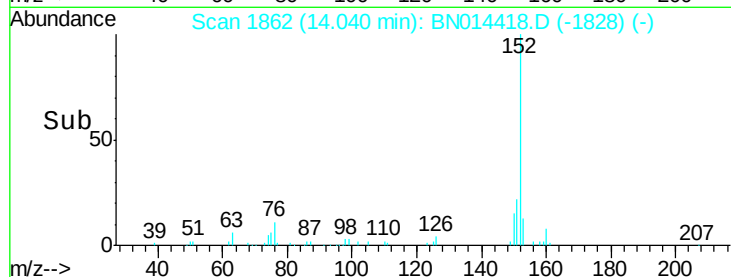
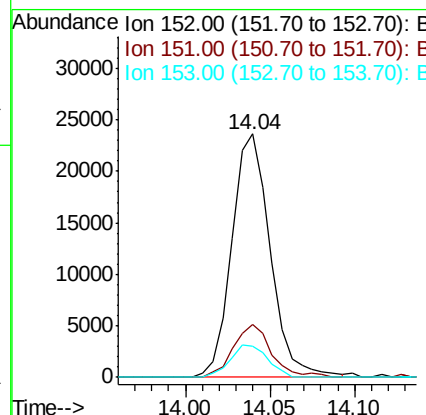
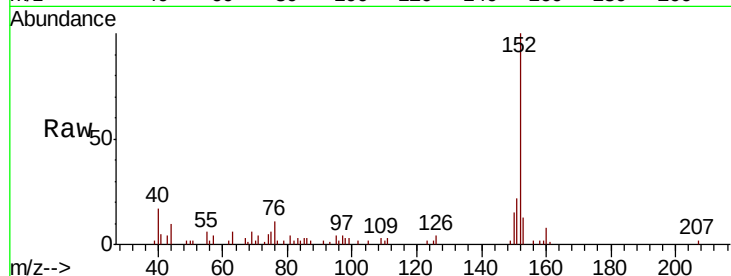
ClientSampleId :

BG561

Tot Ion:	152	Resp:	37447
Ion Ratio	Lower	Upper	
152	100		
151	22.0	15.5	23.3
153	13.0	10.5	15.7

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#80

Fluoranthene

Concen: 2.355 ng/ul

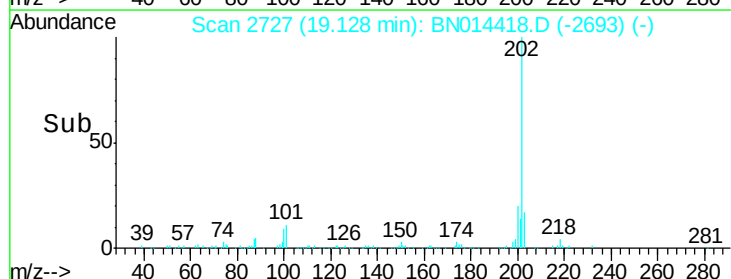
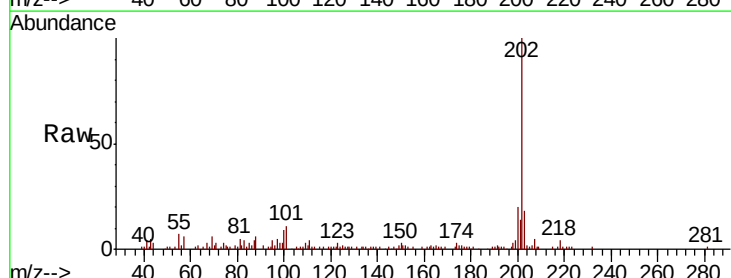
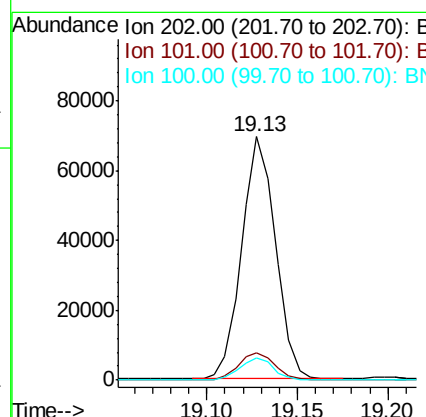
RT: 19.13 min Scan# 2727

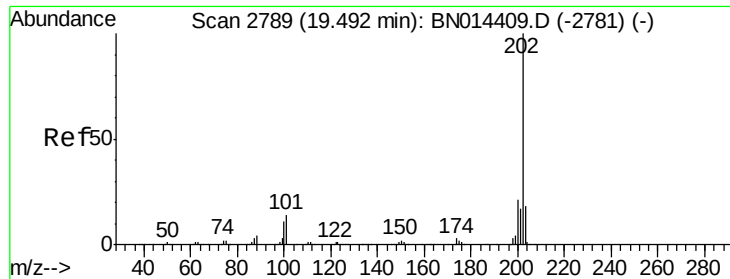
Delta R.T. 0.00 min

Lab File: BN014418.D

Acq: 25 Apr 2021 00:36

Tgt Ion:	202	Resp:	90029
Ion Ratio	Lower	Upper	
202	100		
101	11.5	9.0	13.6
100	8.9	7.0	10.4





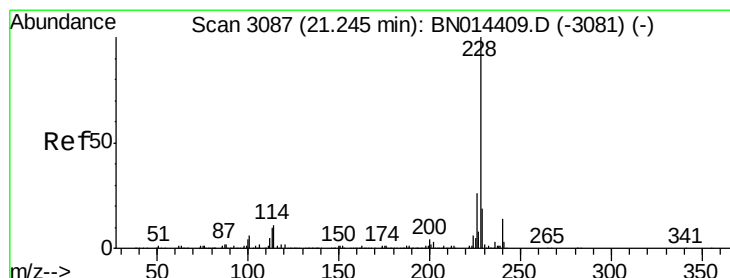
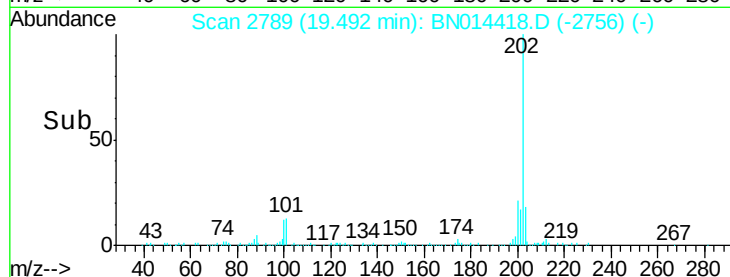
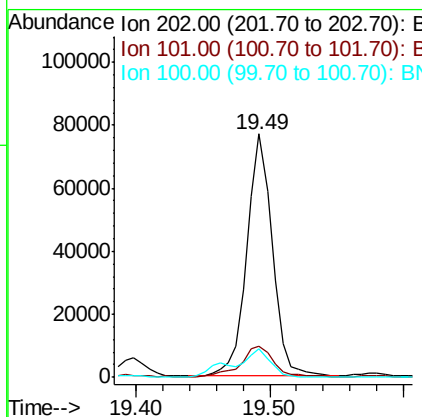
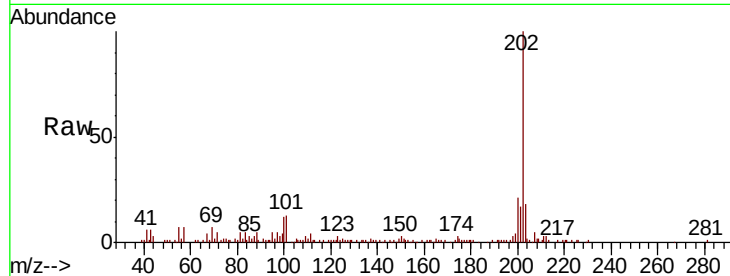
#82
Pvrene
Concen: 2.488 ng/ul
RT: 19.49 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BN014418.D
Acq: 25 Apr 2021 00:36

Instrument :
BNA_N
ClientSampled :
BG561

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	13.1		10.5	15.7	
100	12.0		8.7	13.1	

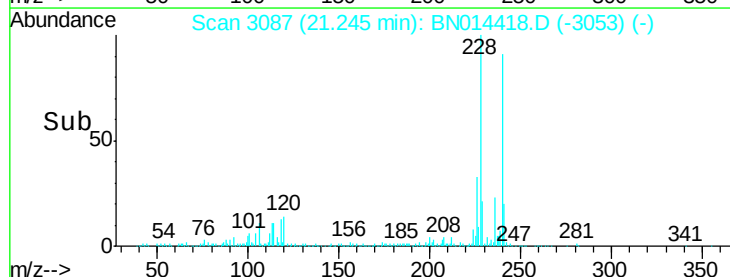
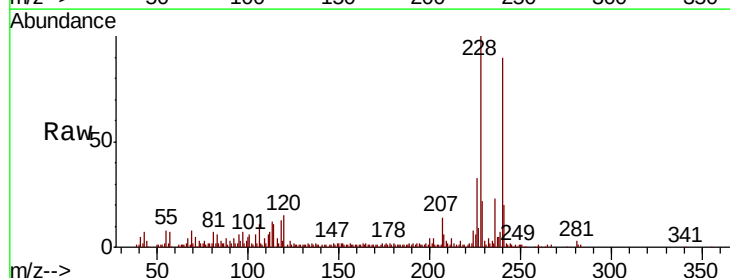
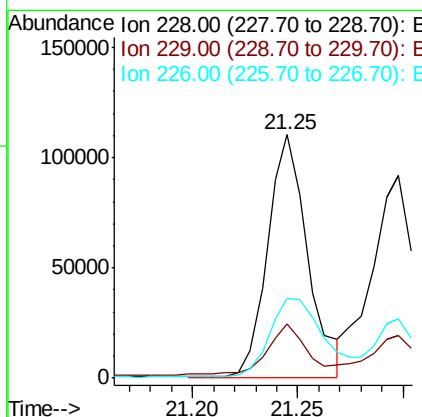
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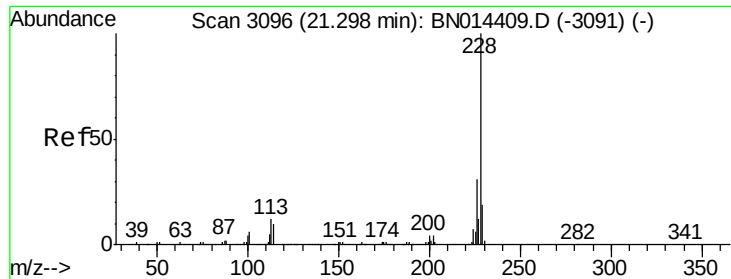
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#85
Benzo(a)anthracene
Concen: 3.608 ng/ul m
RT: 21.25 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BN014418.D
Acq: 25 Apr 2021 00:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
229	22.0		15.4	23.2	
226	33.0		21.8	32.8#	





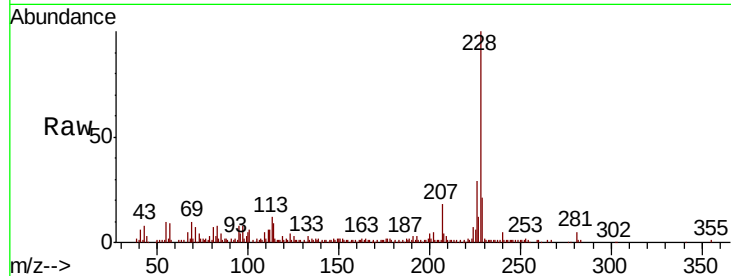
#87
 Chrysene
 Concen: 3.358 ng/ul
 RT: 21.30 min Scan# 3096
 Delta R.T. 0.00 min
 Lab File: BN014418.D
 Acq: 25 Apr 2021 00:36

Instrument :
 BNA_N
 ClientSampled :
 BG561

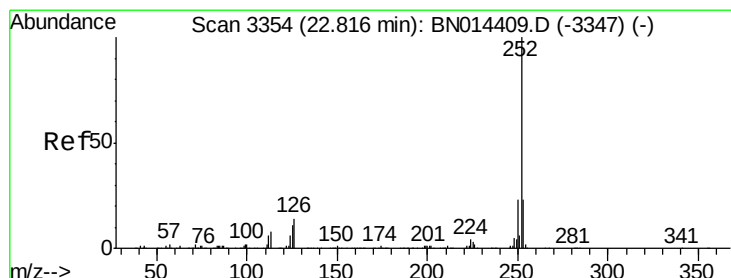
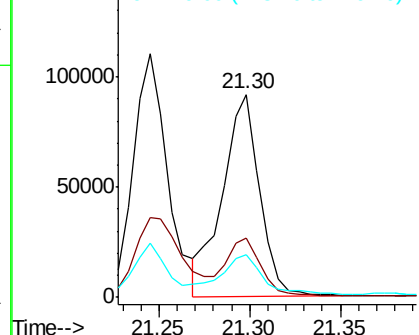
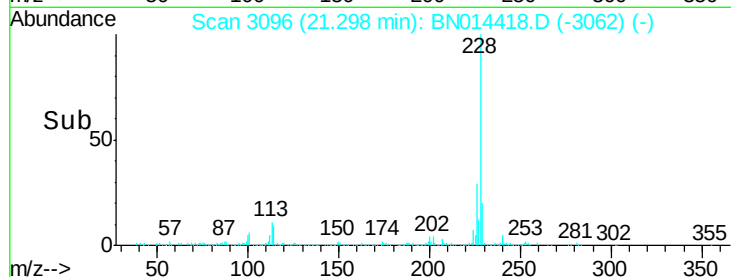
Tot Ion:	228	Resp:	131072
Ion Ratio	Lower	Upper	
228	100		
226	29.1	26.0	39.0
229	21.1	16.4	24.6

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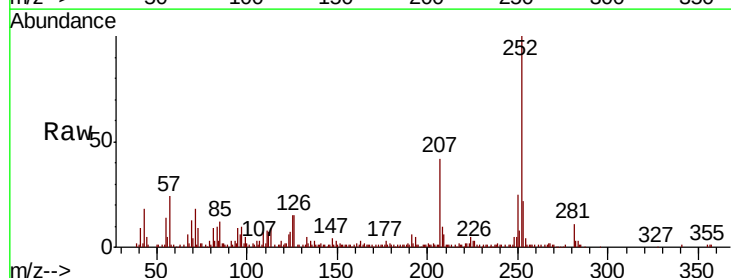


Abundance Ion 228.00 (227.70 to 228.70): E
 150000 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

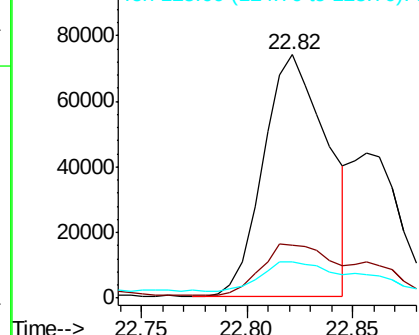
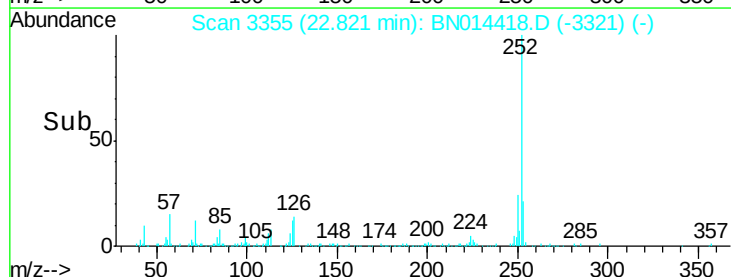


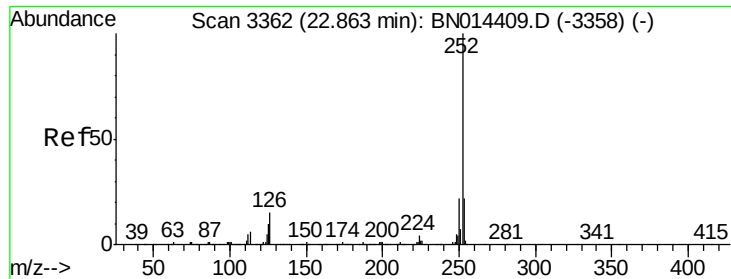
#90
 Benzo(b)fluoranthene
 Concen: 3.933 ng/ul
 RT: 22.82 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: BN014418.D
 Acq: 25 Apr 2021 00:36

Tgt Ion:	252	Resp:	154513
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.3	25.9
125	15.1	8.1	12.1#



Abundance Ion 252.00 (251.70 to 252.70): E
 100000 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





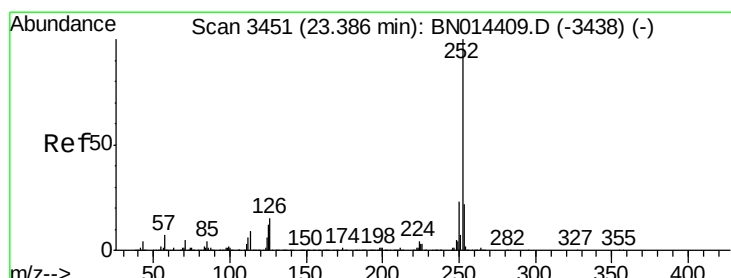
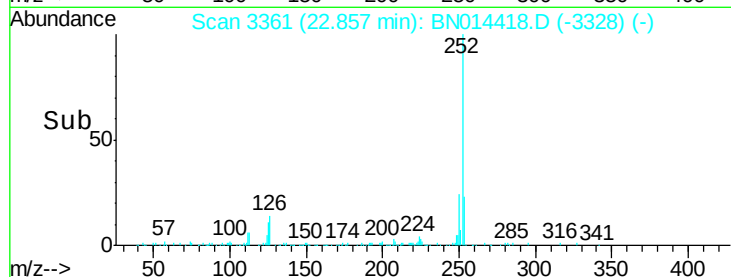
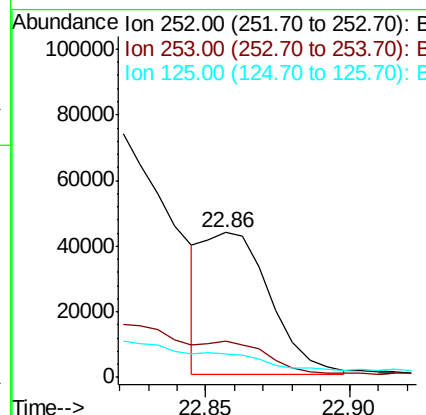
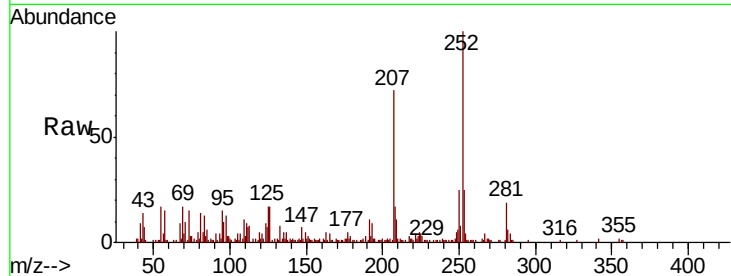
#91
Benzo(k)fluoranthene
Concen: 1.772 ng/ul m
RT: 22.86 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BN014418.D
Acq: 25 Apr 2021 00:36

Instrument :
BNA_N
ClientSampled :
BG561

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.8
125	16.5	8.2	12.4

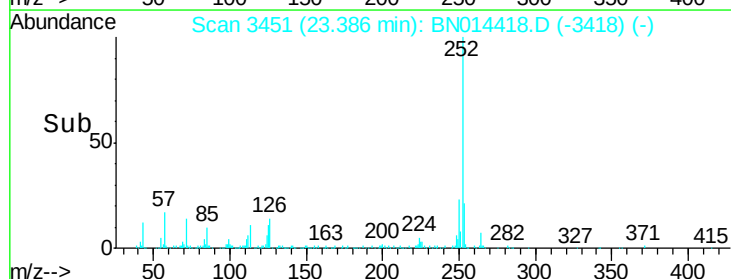
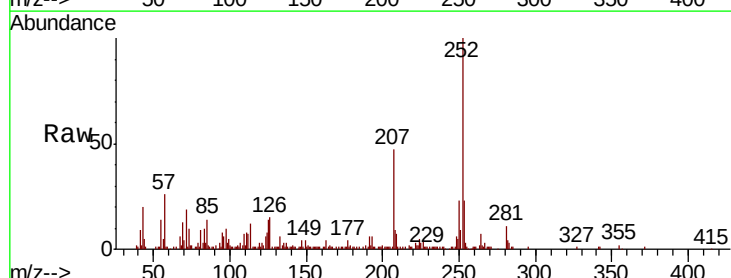
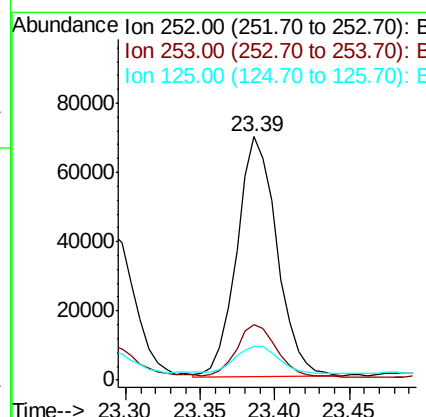
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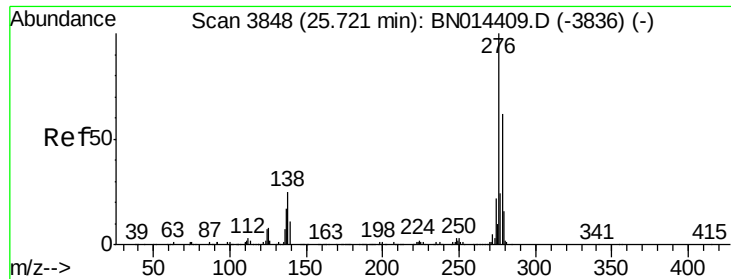
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#93
Benzo(a)pyrene
Concen: 3.717 ng/ul
RT: 23.39 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BN014418.D
Acq: 25 Apr 2021 00:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	14.1	9.3	13.9





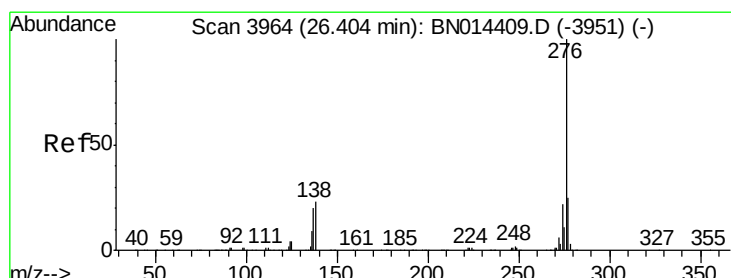
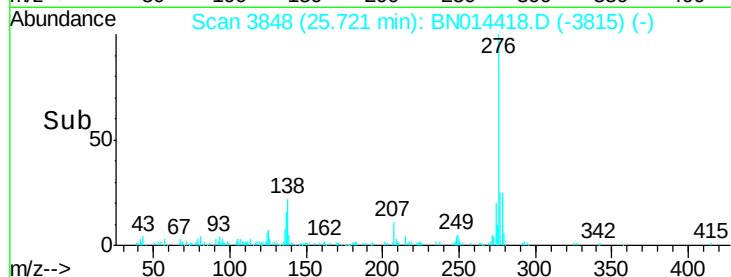
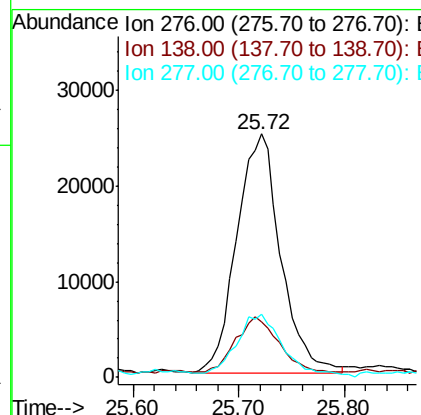
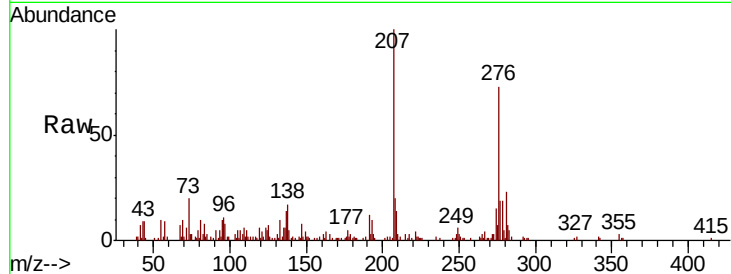
#94
Indeno(1,2,3-cd)pyrene
Concen: 1.569 ng/ul
RT: 25.72 min Scan# 3848
Delta R.T. -0.01 min
Lab File: BN014418.D
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Tot Ion:276	Resp:	72261
Ion Ratio	Lower	Upper
276 100		
138 22.8	19.0	28.4
277 25.7	19.3	28.9

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#96
Benzo(g,h,i)perylene
Concen: 1.365 ng/ul
RT: 26.40 min Scan# 3964
Delta R.T. -0.01 min
Lab File: BN014418.D
Acq: 25 Apr 2021 00:36

Tgt Ion:276	Resp:	50821
Ion Ratio	Lower	Upper
276 100		
138 23.2	17.0	25.6
277 24.9	19.7	29.5

