

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
 Data File : BN009819.D
 Acq On : 21 Feb 2020 22:06
 Operator : CG/JU
 Sample : L1535-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6Q3

Manual Integrations
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Quant Time: Feb 21 22:45:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 21 22:14:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	105268	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	439275	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	273646	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	571465	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	520626	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	597057	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	3500	1.37	ng/uL	0.00
5) Phenol-d5	6.60	99	48343	5.40	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	41438	6.71	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.93	132	42308	6.28	ng/ul	-0.02
13) 4-Methylphenol-d8	8.12	113	36133	5.07	ng/ul	-0.01
19) Nitrobenzene-d5	8.55	128	19174	5.97	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.25	143	20144	5.73	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.80	165	37697	5.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	48981	6.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	141546	6.93	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	159324	6.62	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.30	143	9572m	2.56	ng/ul	0.01
58) Fluorene-d10	15.04	176	122250	6.93	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.21	200	10291	2.90	ng/ul	0.00
71) Anthracene-d10	16.89	188	181752	6.94	ng/ul	-0.02
79) Pyrene-d10	19.19	212	214625	7.89	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	226017	7.58	ng/ul	-0.03

Target Compounds

					Ovalue
28) Naphthalene	10.19	128	28938	1.222	ng/ul 99
70) Phenanthrene	16.83	178	198232	6.078	ng/ul 98
72) Anthracene	16.93	178	40382	1.211	ng/ul 99
77) Fluoranthene	18.86	202	272697	7.138	ng/ul 97
80) Pyrene	19.22	202	244633	6.517	ng/ul 99
83) Benzo(a)anthracene	20.99	228	140689	3.932	ng/ul 96
85) Chrysene	21.04	228	136163	3.866	ng/ul 100
88) Benzo(b)fluoranthene	22.49	252	184457	4.765	ng/ul 99
89) Benzo(k)fluoranthene	22.53	252	66425m	1.812	ng/ul
91) Benzo(a)pyrene	23.02	252	122835	3.528	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.14	276	88753	2.147	ng/ul 93
94) Benzo(g,h,i)perylene	25.76	276	78962	2.278	ng/ul 98

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

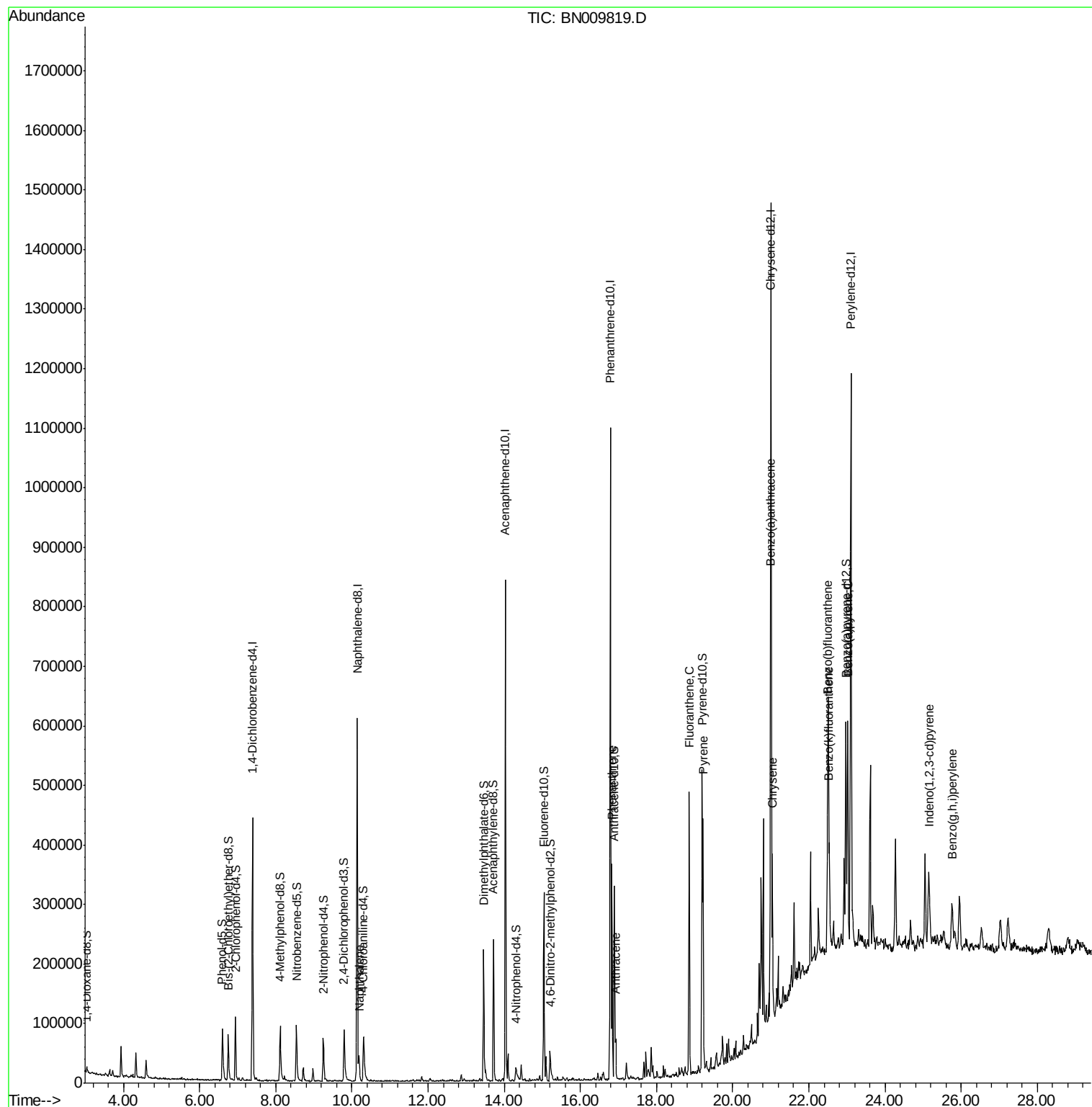
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009819.D
Acq On : 21 Feb 2020 22:06
Operator : CG/JU
Sample : L1535-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

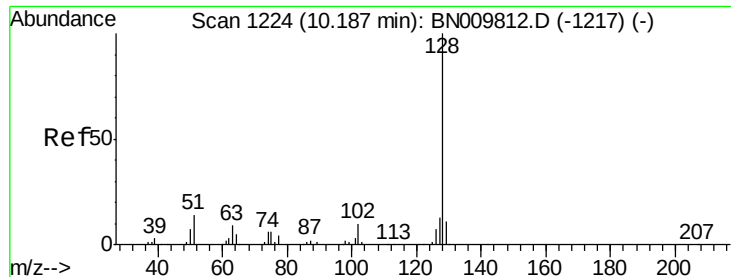
Instrument :
BNA_N
ClientSampleId :
CB6Q3

Quant Time: Feb 21 22:45:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 22:14:17 2020
Response via : Initial Calibration

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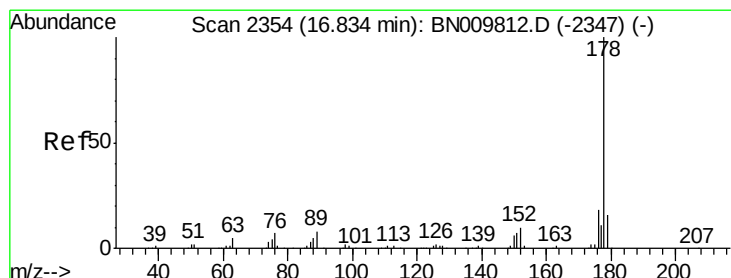
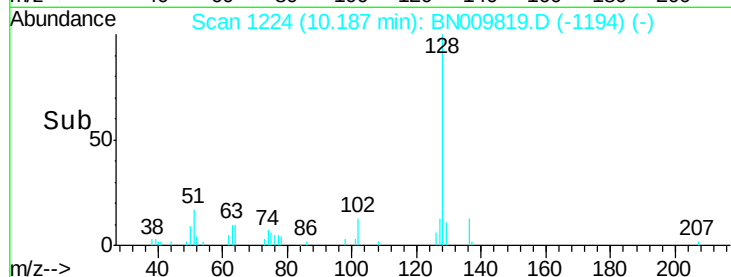
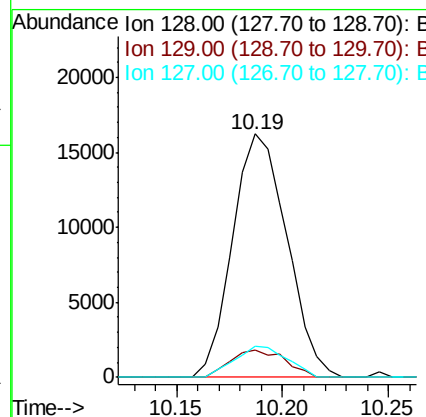
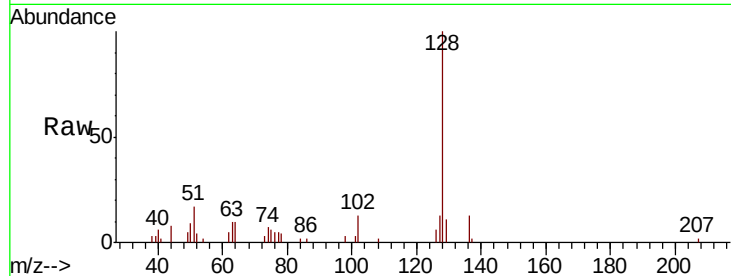
#28
Naphthalene
Concen: 1.222 ng/ul
RT: 10.19 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BN009819.D
Acq: 21 Feb 2020 22:06

Instrument :
BNA_N
ClientSampleId :
CB6Q3

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	12.8	10.3	15.5

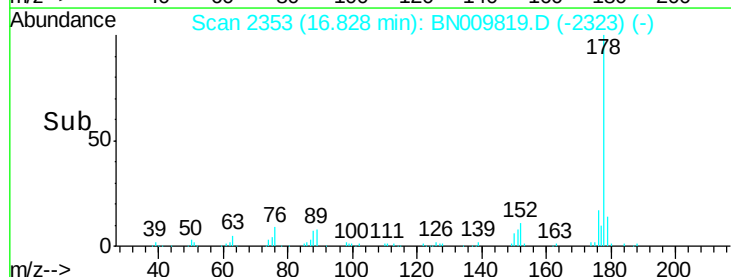
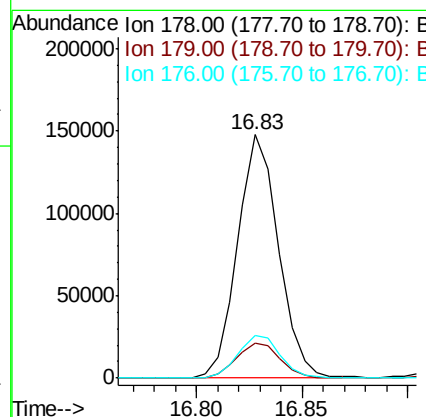
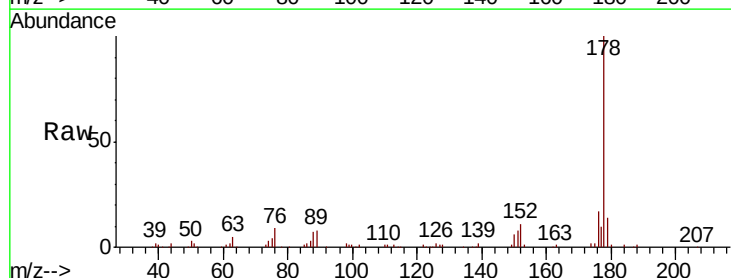
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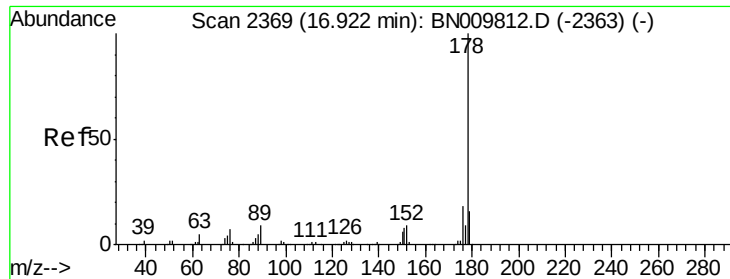
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#70
Phenanthrene
Concen: 6.078 ng/ul
RT: 16.83 min Scan# 2353
Delta R.T. -0.02 min
Lab File: BN009819.D
Acq: 21 Feb 2020 22:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.5	18.7
176	17.4	14.6	22.0





#72

Anthracene

Concen: 1.211 ng/ul

RT: 16.93 min Scan# 2370

Delta R.T. -0.02 min

Lab File: BN009819.D

Acq: 21 Feb 2020 22:06

Instrument :

BNA_N

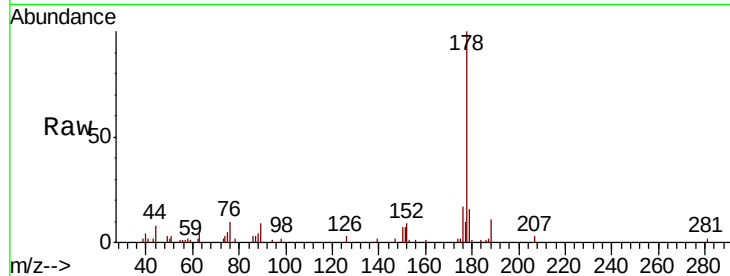
ClientSampleId :

CB6Q3

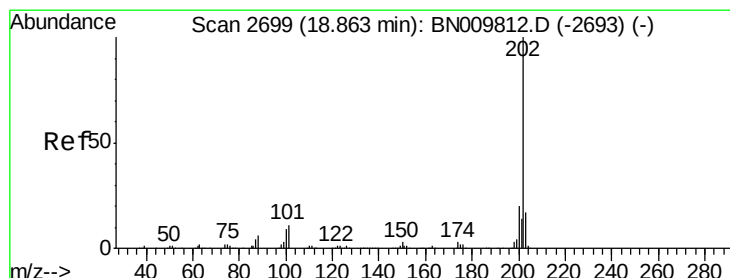
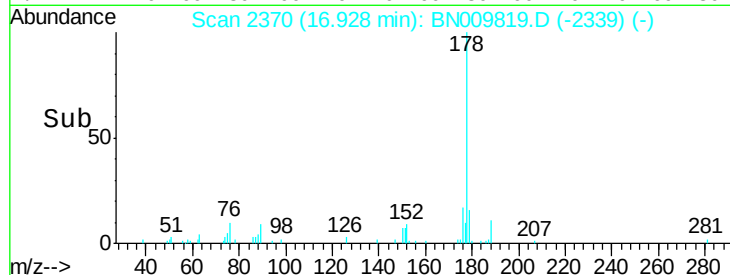
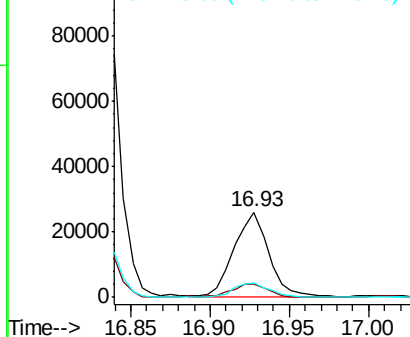
Tot Ion:	178	Resp:	40382
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.2	18.2
176	17.4	14.6	21.8

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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: 7.138 ng/ul

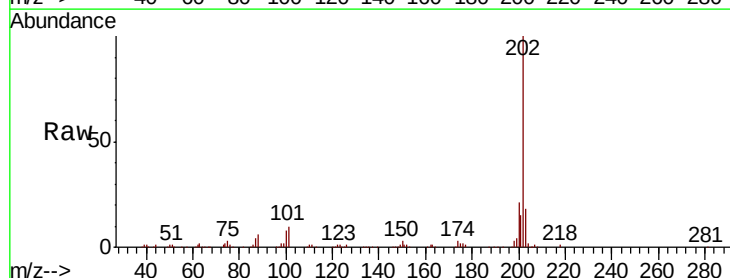
RT: 18.86 min Scan# 2699

Delta R.T. -0.02 min

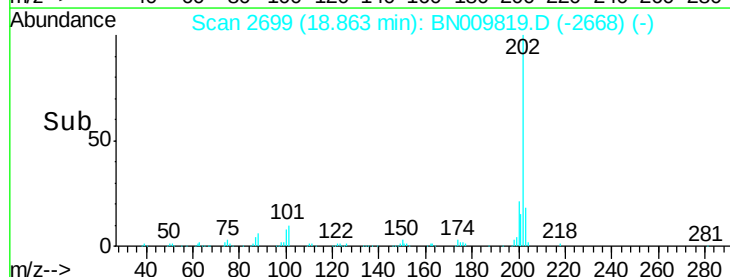
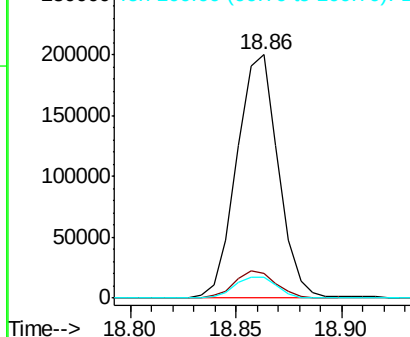
Lab File: BN009819.D

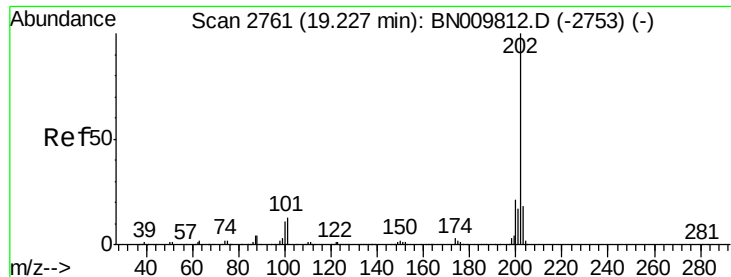
Acq: 21 Feb 2020 22:06

Tgt Ion:	202	Resp:	272697
Ion Ratio	Lower	Upper	
202	100		
101	10.1	9.4	14.2
100	8.5	7.2	10.8



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





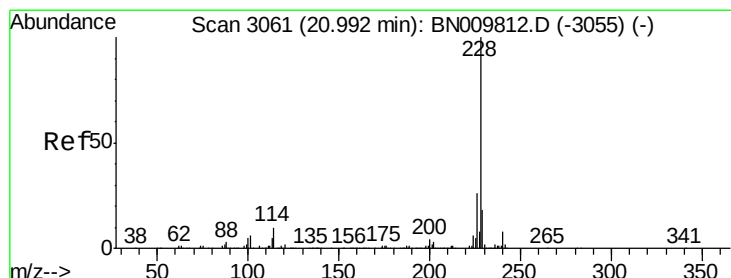
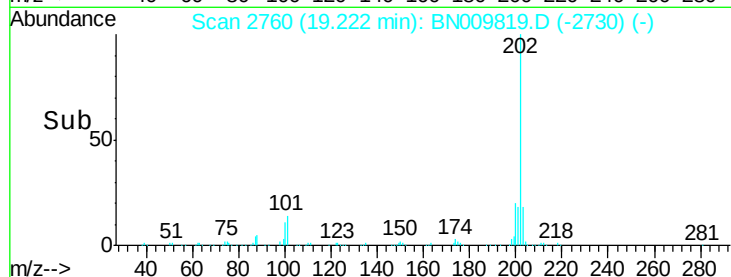
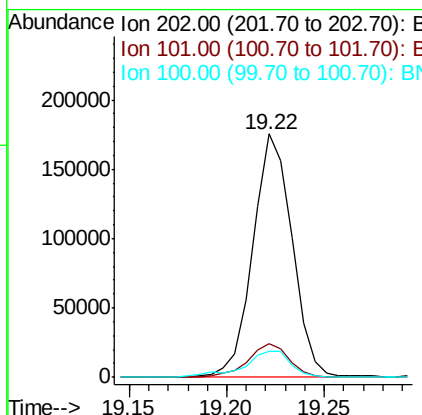
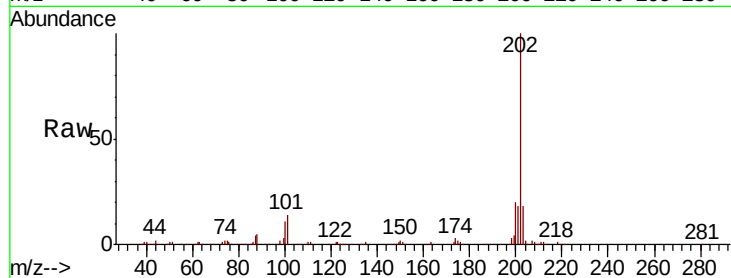
#80
Pvrene
Concen: 6.517 ng/ul
RT: 19.22 min Scan# 2760
Delta R.T. -0.02 min
Lab File: BN009819.D
Acq: 21 Feb 2020 22:06

Instrument :
BNA_N
ClientSampleId :
CB6Q3

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.3	16.9
100	10.7	9.0	13.6

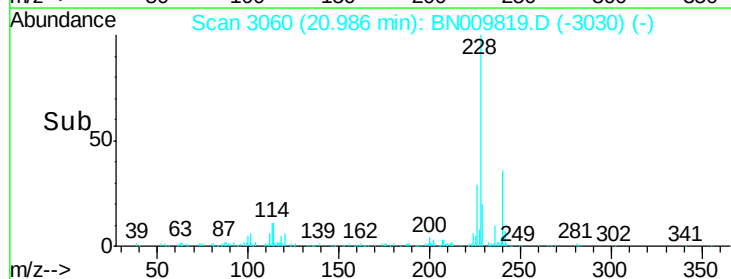
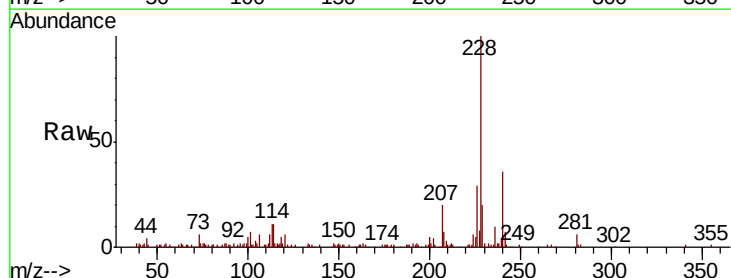
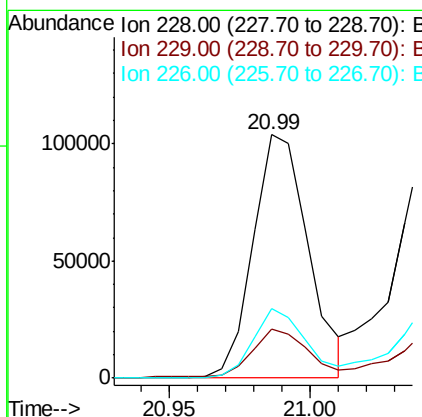
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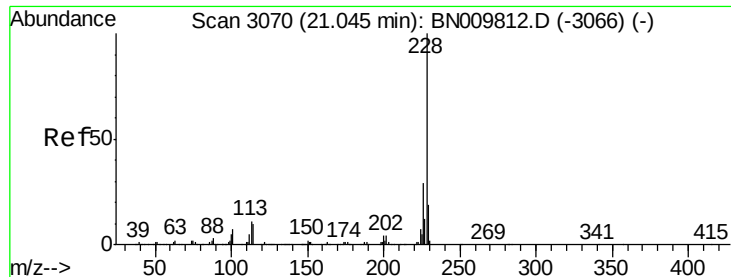
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#83
Benzo(a)anthracene
Concen: 3.932 ng/ul
RT: 20.99 min Scan# 3060
Delta R.T. -0.02 min
Lab File: BN009819.D
Acq: 21 Feb 2020 22:06

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.0	22.4
226	28.7	21.4	32.2





#85

Chrysene

Concen: 3.866 ng/ul

RT: 21.04 min Scan# 3069

Delta R.T. -0.02 min

Lab File: BN009819.D

Acq: 21 Feb 2020 22:06

Instrument :

BNA_N

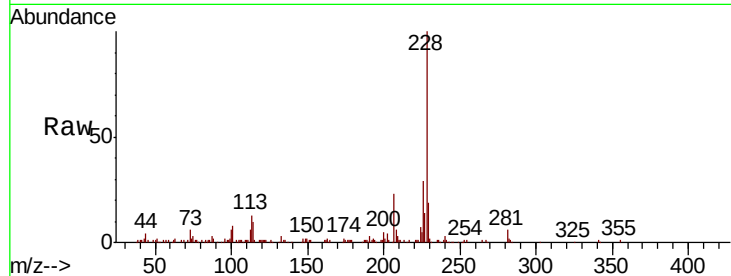
ClientSampled :

CB6Q3

Tot Ion:	228	Resp:	136163
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.4	35.2
229	18.8	15.0	22.4

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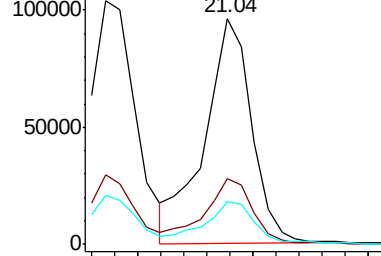
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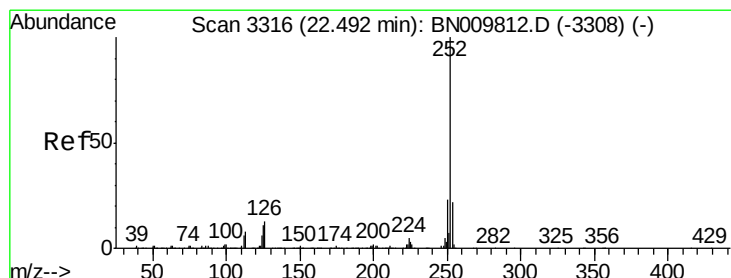
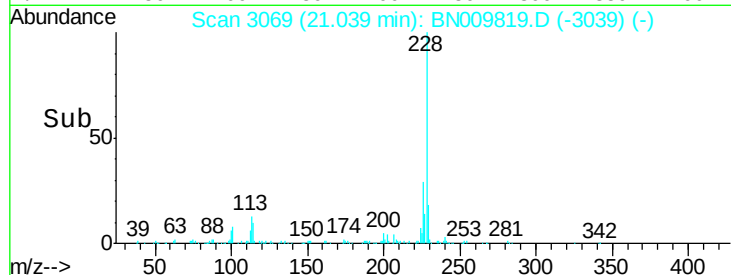
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 4.765 ng/ul

RT: 22.49 min Scan# 3316

Delta R.T. -0.02 min

Lab File: BN009819.D

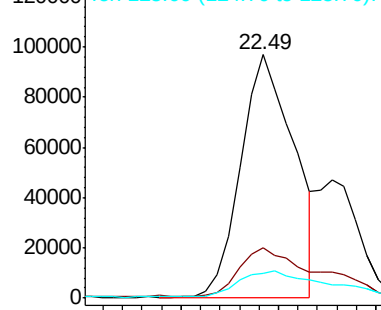
Acq: 21 Feb 2020 22:06

Tgt Ion:	252	Resp:	184457
Ion Ratio	Lower	Upper	
252	100		
253	20.4	17.0	25.4
125	10.1	8.0	12.0

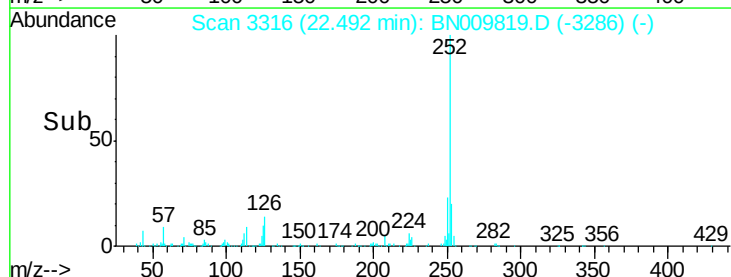
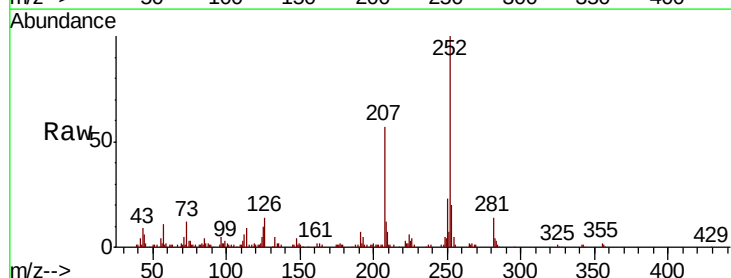
Abundance Ion 252.00 (251.70 to 252.70): E

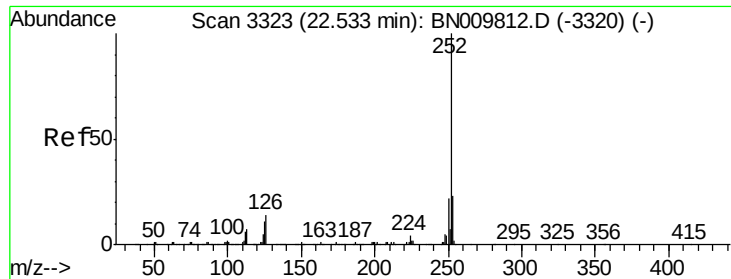
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





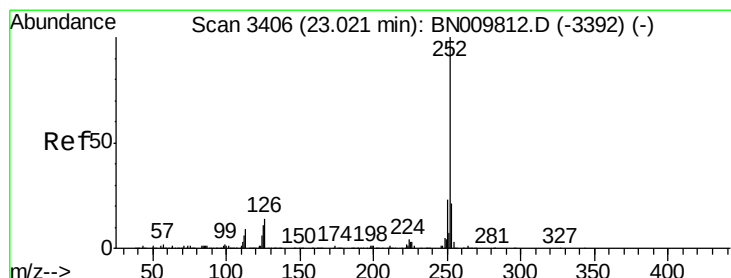
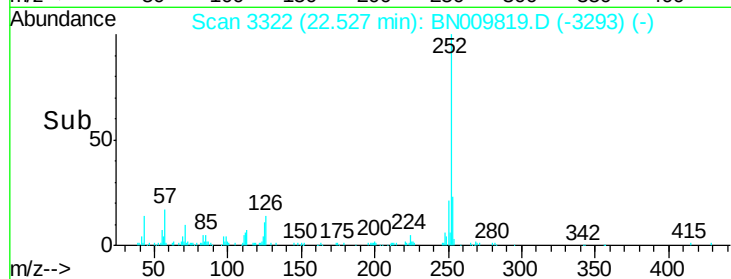
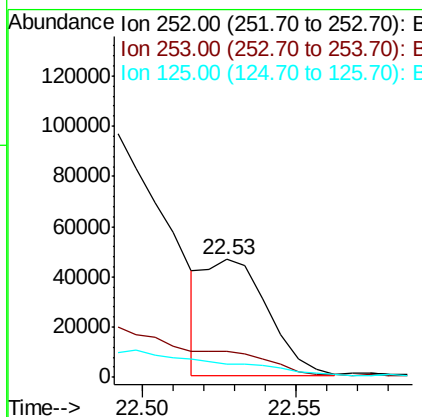
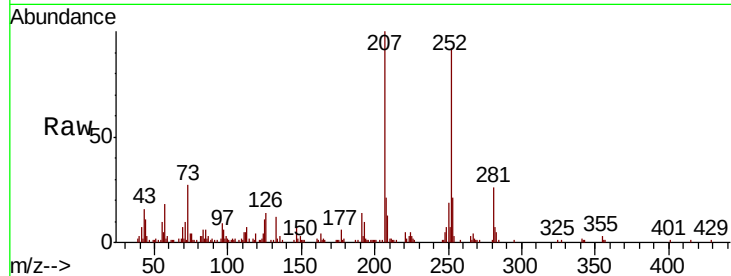
#89
Benzo(k)fluoranthene
Concen: 1.812 ng/ul m
RT: 22.53 min Scan# 3322
Delta R.T. -0.03 min
Lab File: BN009819.D
Acq: 21 Feb 2020 22:06

Instrument :
BNA_N
ClientSampled :
CB6Q3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.6	8.2	12.2

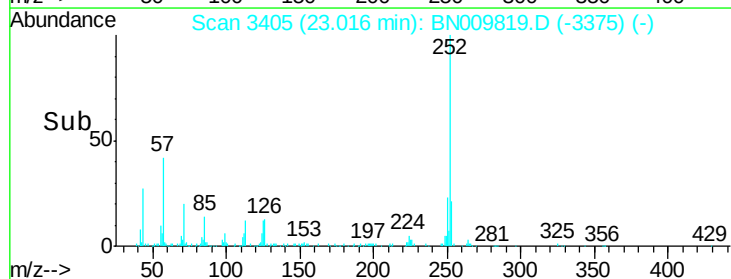
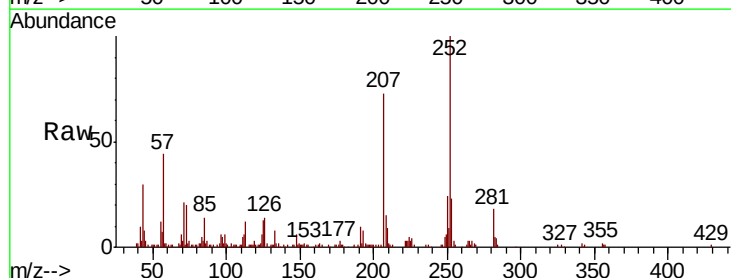
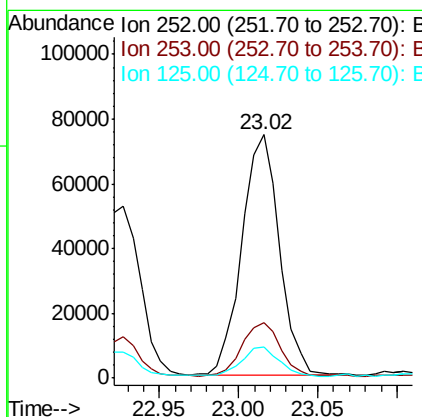
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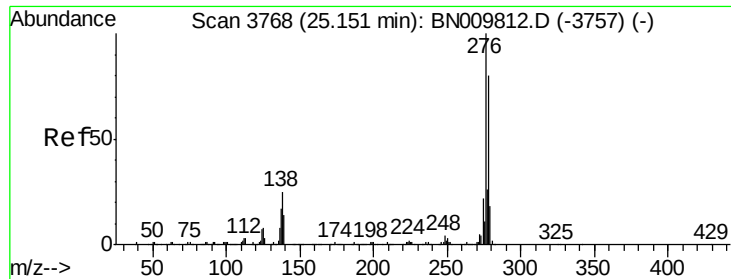
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#91
Benzo(a)pyrene
Concen: 3.528 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. -0.02 min
Lab File: BN009819.D
Acq: 21 Feb 2020 22:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	13.0	9.0	13.6





#92

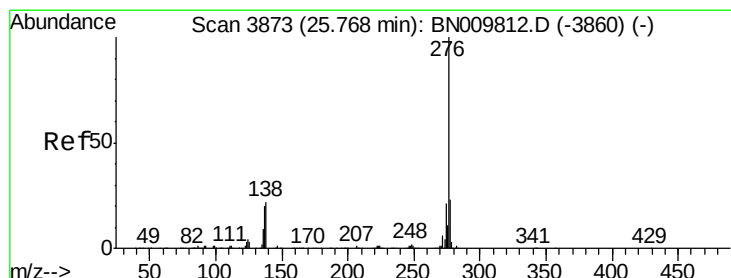
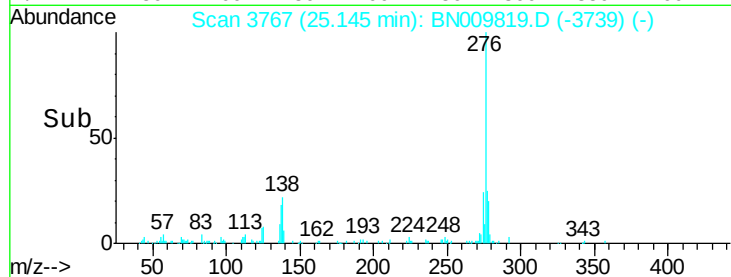
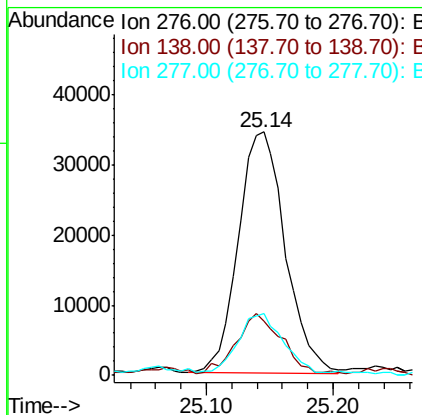
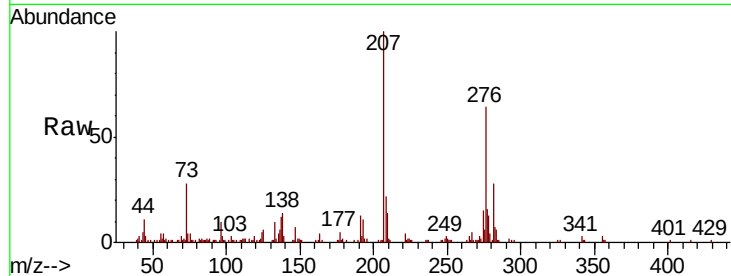
Indeno(1,2,3-cd)pyrene
Concen: 2.147 ng/ul
RT: 25.14 min Scan# 3767
Delta R.T. -0.04 min
Lab File: BN009819.D
Acq: 21 Feb 2020 22:06

Instrument :
BNA_N
ClientSampleId :
CB6Q3

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	20.9	31.3
277	25.7	18.2	27.4

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#94

Benzo(g,h,i)perylene
Concen: 2.278 ng/ul
RT: 25.76 min Scan# 3871
Delta R.T. -0.05 min
Lab File: BN009819.D
Acq: 21 Feb 2020 22:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.6	17.5	26.3
277	21.6	18.1	27.1

