

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100220\
 Data File : BN012044.D
 Acq On : 02 Oct 2020 19:41
 Operator : CG/JU
 Sample : L4166-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE4

Quant Time: Oct 03 02:13:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 03 02:12:24 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

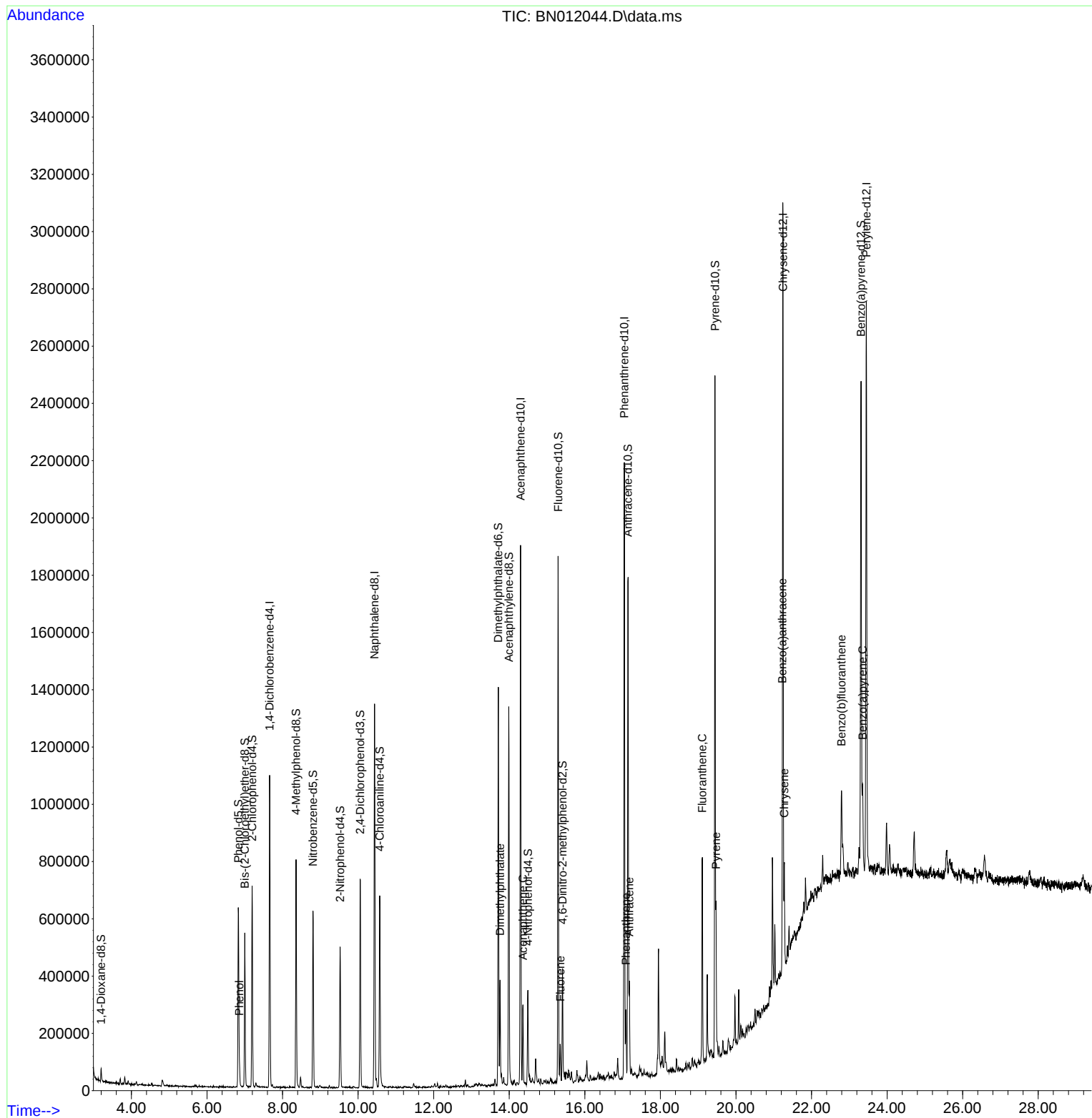
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	266630	20.00	ng/ul	0.00
18) Naphthalene-d8	10.434	136	1018119	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.298	164	579672	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.045	188	1174797	20.00	ng/ul	0.00
78) Chrysene-d12	21.245	240	1189186	20.00	ng/ul	0.00
86) Perylene-d12	23.451	264	1296713	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	20518	3.35	ng/uL	0.00
5) Phenol-d5	6.828	99	319911	14.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	6.999	67	221706	16.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.193	132	276022	15.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.358	113	259729	14.83	ng/ul	0.00
19) Nitrobenzene-d5	8.805	128	126835	15.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.522	143	132682	15.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.052	165	241928	14.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.569	131	323997	16.39	ng/ul	0.00
44) Dimethylphthalate-d6	13.710	166	819333	18.02	ng/ul	0.00
47) Acenaphthylene-d8	13.987	160	878627	16.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.493	143	70200	8.38	ng/ul	0.00
58) Fluorene-d10	15.293	176	640726	16.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.410	200	66824	8.91	ng/ul	0.00
71) Anthracene-d10	17.140	188	928903	16.31	ng/ul	0.00
79) Pyrene-d10	19.445	212	1022432	16.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.310	264	1146349	15.75	ng/ul	0.00
Target Compounds					Qvalue	
6) Phenol	6.858	94	32030	1.38	ng/ul	92
45) Dimethylphthalate	13.757	163	207527	4.43	ng/ul	99
50) Acenaphthene	14.363	153	106525	2.60	ng/ul	93
59) Fluorene	15.351	166	49019	1.05	ng/ul	98
70) Phenanthrene	17.087	178	117773	1.65	ng/ul	97
72) Anthracene	17.175	178	185263	2.56	ng/ul	98
77) Fluoranthene	19.110	202	414542	5.16	ng/ul	97
80) Pyrene	19.475	202	303556	3.54	ng/ul	97
83) Benzo(a)anthracene	21.228	228	140617	1.76	ng/ul	98
85) Chrysene	21.280	228	182907	2.32	ng/ul	98
88) Benzo(b)fluoranthene	22.792	252	137929	1.52	ng/ul	98
91) Benzo(a)pyrene	23.351	252	84476	1.03	ng/ul#	89

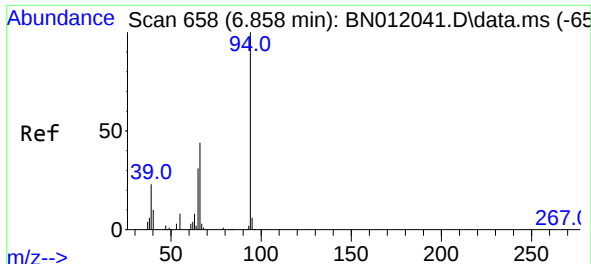
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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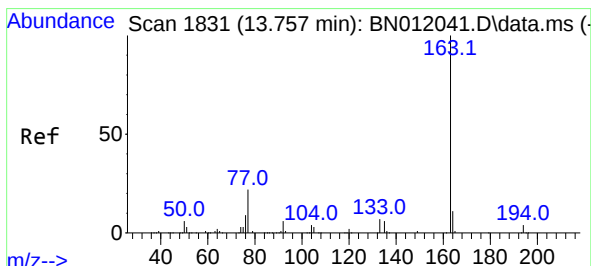
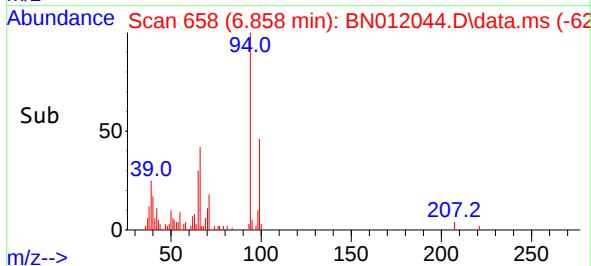
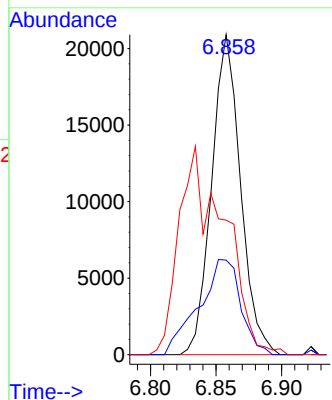
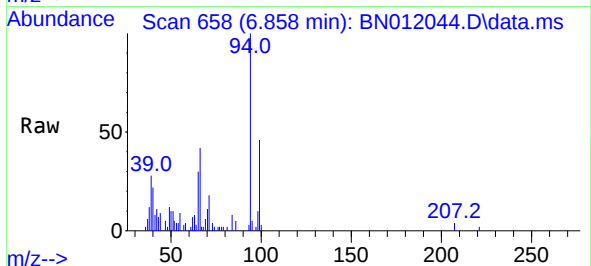


#6
Phenol
Concen: 1.38 ng/ul
RT: 6.858 min Scan# 658
Delta R.T. 0.001 min
Lab File: BN012044.D
Acq: 02 Oct 2020 19:41

Instrument :
BNA_N
ClientSampled :
C0AE4

Tgt Ion: 94 Resp: 32030

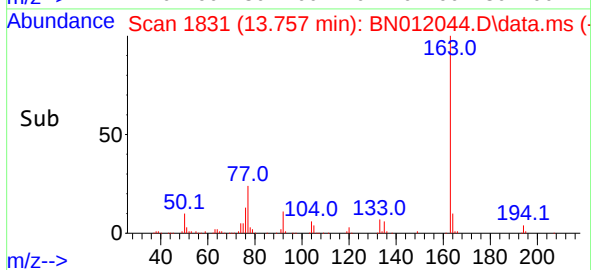
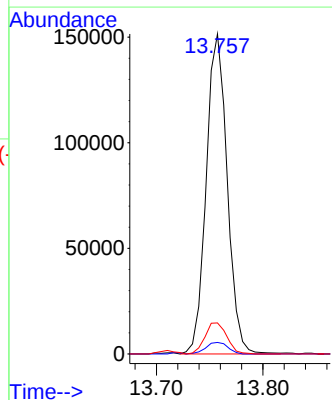
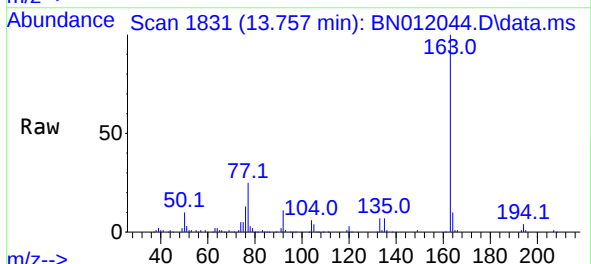
Ion	Ratio	Lower	Upper
94	100		
65	29.6	26.8	40.2
66	42.0	37.9	56.9

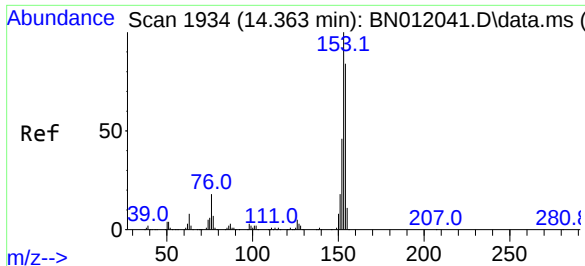


#45
Dimethylphthalate
Concen: 4.43 ng/ul
RT: 13.757 min Scan# 1831
Delta R.T. -0.005 min
Lab File: BN012044.D
Acq: 02 Oct 2020 19:41

Tgt Ion: 163 Resp: 207527

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.0
164	9.7	7.8	11.8

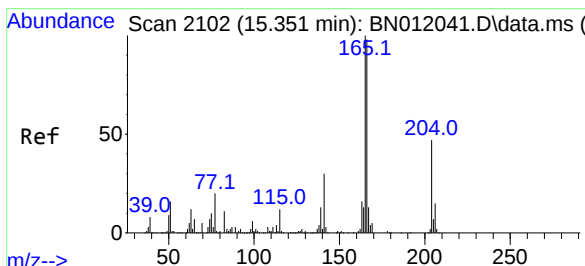
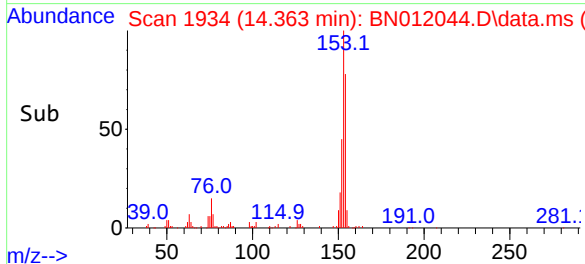
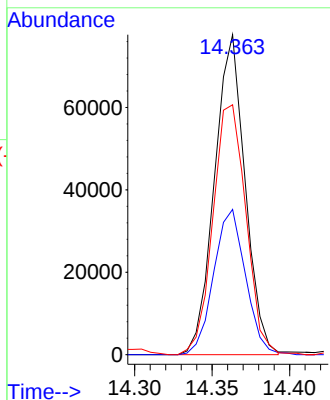
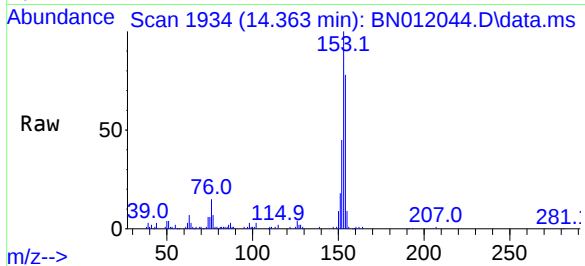




#50
Acenaphthene
Concen: 2.60 ng/ul
RT: 14.363 min Scan# 1934
Delta R.T. 0.001 min
Lab File: BN012044.D
Acq: 02 Oct 2020 19:41

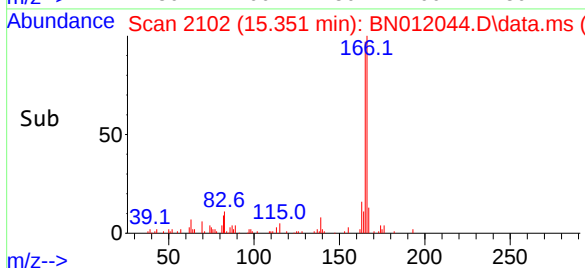
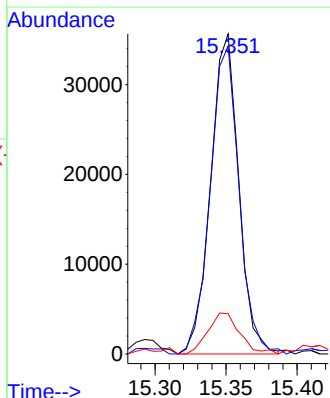
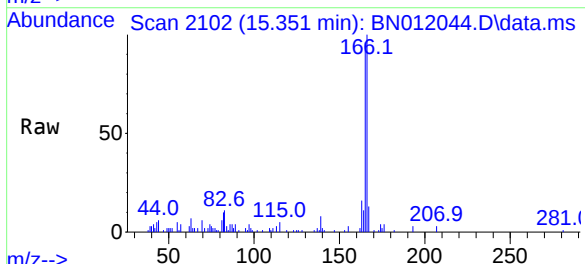
Instrument :
BNA_N
ClientSampled :
C0AE4

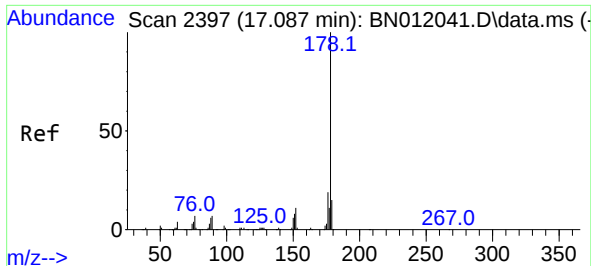
Tgt Ion:153 Resp: 106525
Ion Ratio Lower Upper
153 100
152 45.4 35.9 53.9
154 78.1 70.2 105.2



#59
Fluorene
Concen: 1.05 ng/ul
RT: 15.351 min Scan# 2102
Delta R.T. 0.001 min
Lab File: BN012044.D
Acq: 02 Oct 2020 19:41

Tgt Ion:166 Resp: 49019
Ion Ratio Lower Upper
166 100
165 96.2 79.0 118.6
167 12.5 10.5 15.7

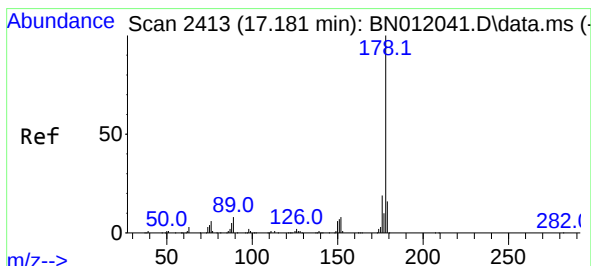
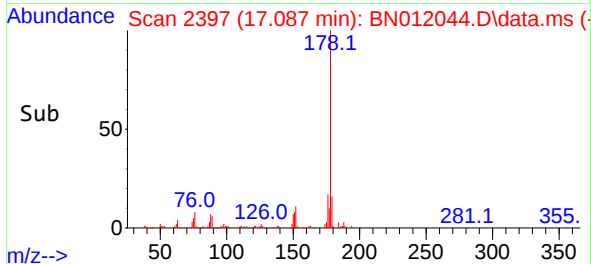
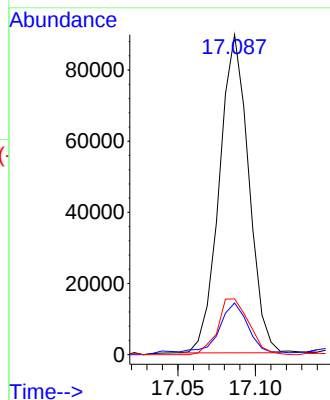
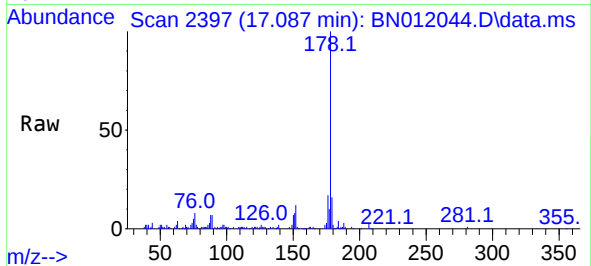




#70
Phenanthrene
Concen: 1.65 ng/ul
RT: 17.087 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BN012044.D
Acq: 02 Oct 2020 19:41

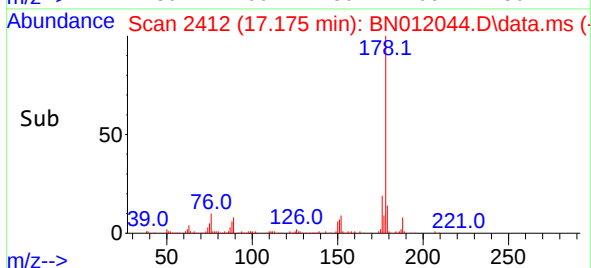
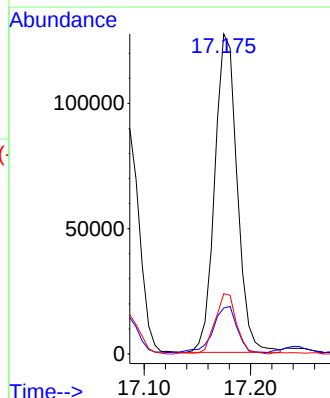
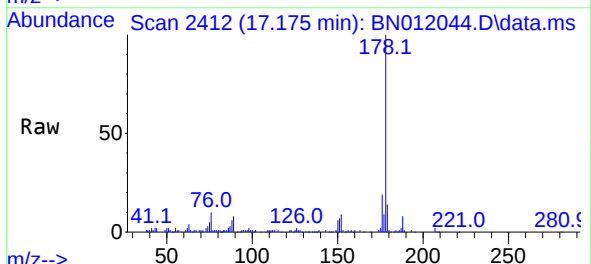
Instrument :
BNA_N
ClientSampled :
C0AE4

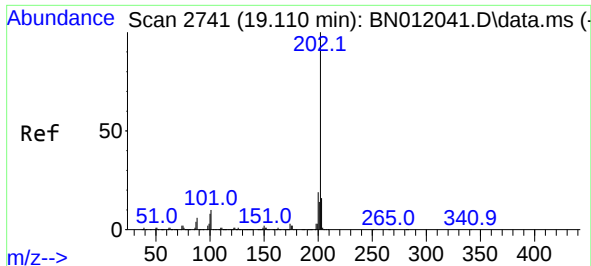
Tgt Ion:178 Resp: 117773
Ion Ratio Lower Upper
178 100
179 16.1 12.2 18.2
176 17.5 15.4 23.2



#72
Anthracene
Concen: 2.56 ng/ul
RT: 17.175 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BN012044.D
Acq: 02 Oct 2020 19:41

Tgt Ion:178 Resp: 185263
Ion Ratio Lower Upper
178 100
179 14.4 12.8 19.2
176 18.8 15.0 22.6

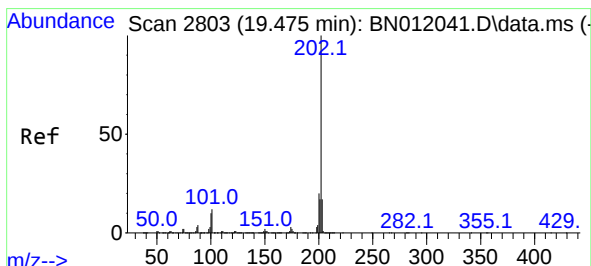
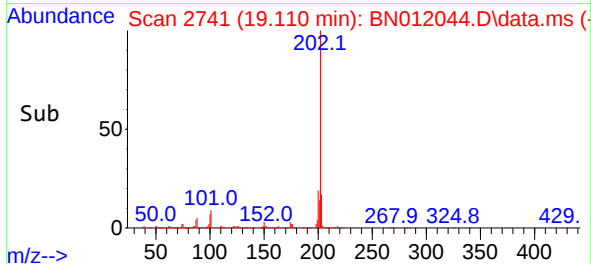
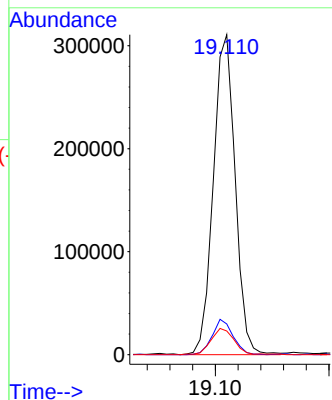
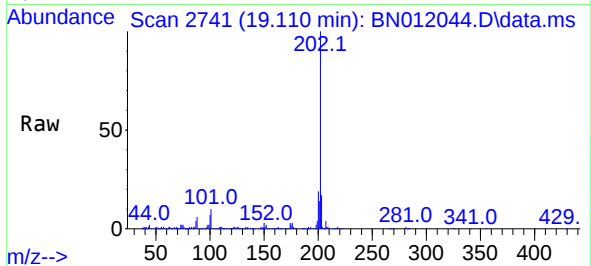




#77
Fluoranthene
Concen: 5.16 ng/ul
RT: 19.110 min Scan# 2741
Delta R.T. 0.000 min
Lab File: BN012044.D
Acq: 02 Oct 2020 19:41

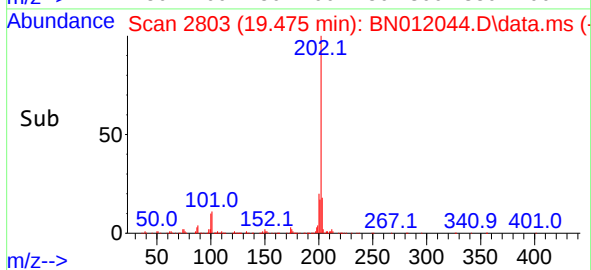
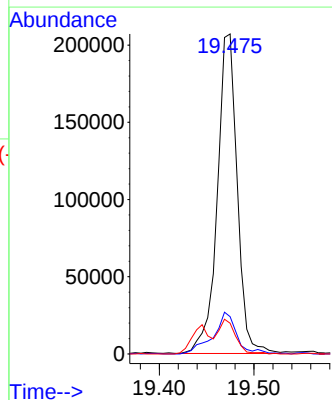
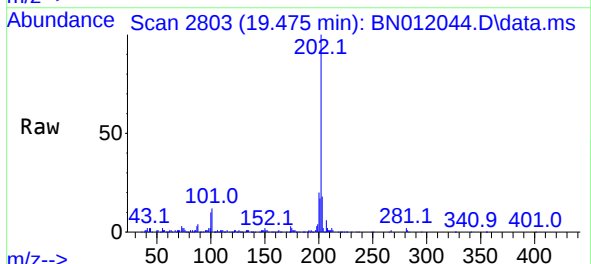
Instrument :
BNA_N
ClientSampled :
C0AE4

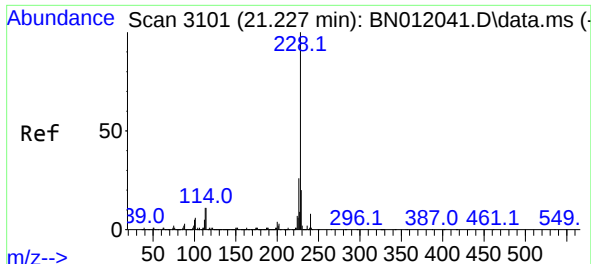
Tgt Ion:202 Resp: 414542
Ion Ratio Lower Upper
202 100
101 9.6 8.6 13.0
100 7.4 6.6 9.8



#80
Pyrene
Concen: 3.54 ng/ul
RT: 19.475 min Scan# 2803
Delta R.T. 0.001 min
Lab File: BN012044.D
Acq: 02 Oct 2020 19:41

Tgt Ion:202 Resp: 303556
Ion Ratio Lower Upper
202 100
101 11.6 10.2 15.2
100 9.6 8.8 13.2

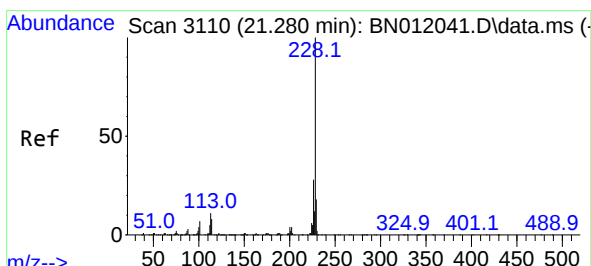
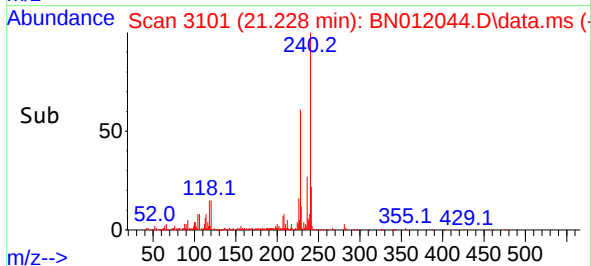
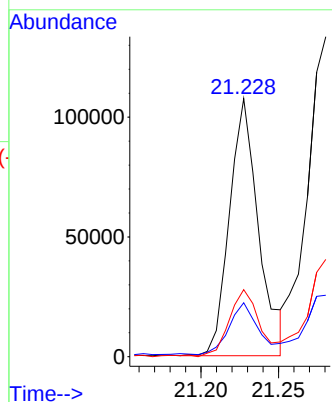
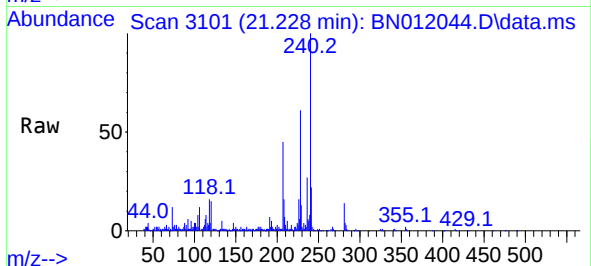




#83
Benzo(a)anthracene
Concen: 1.76 ng/ul
RT: 21.228 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BN012044.D
Acq: 02 Oct 2020 19:41

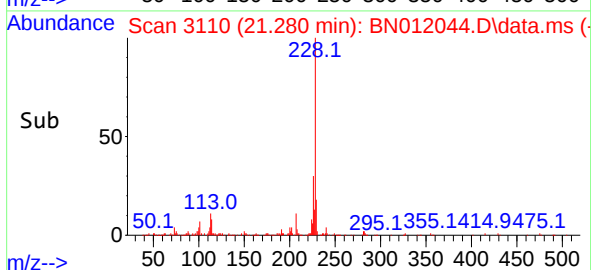
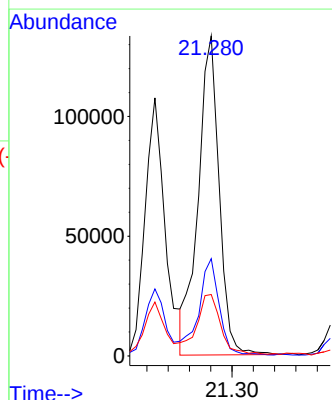
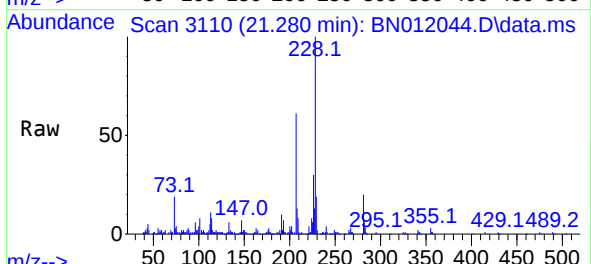
Instrument :
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ClientSampled :
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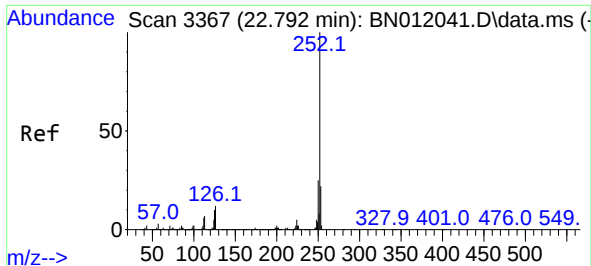
Tgt Ion:228 Resp: 140617
Ion Ratio Lower Upper
228 100
229 20.9 15.4 23.2
226 26.0 21.2 31.8



#85
Chrysene
Concen: 2.32 ng/ul
RT: 21.280 min Scan# 3110
Delta R.T. 0.001 min
Lab File: BN012044.D
Acq: 02 Oct 2020 19:41

Tgt Ion:228 Resp: 182907
Ion Ratio Lower Upper
228 100
226 30.4 23.3 34.9
229 19.2 15.0 22.4

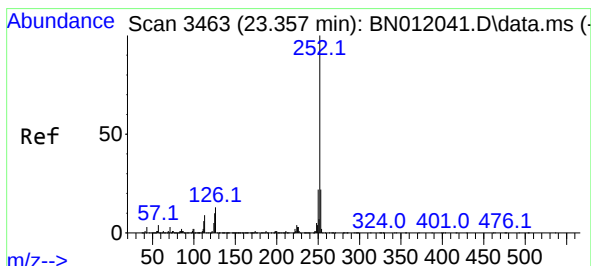
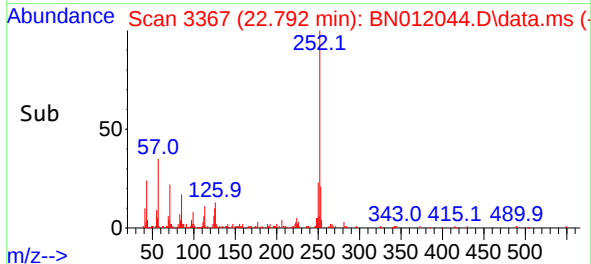
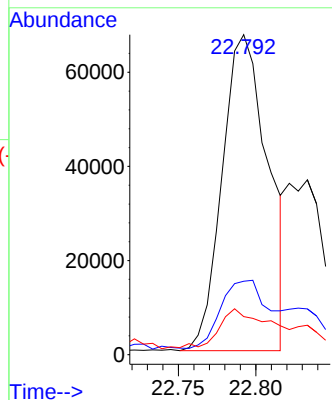
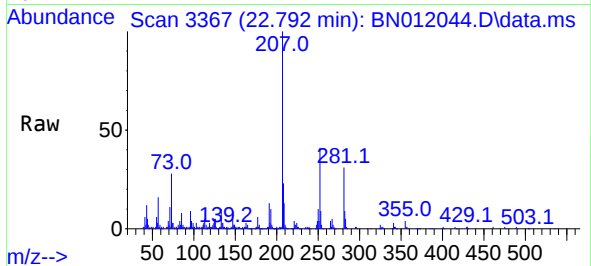




#88
Benzo(b)fluoranthene
Concen: 1.52 ng/ul
RT: 22.792 min Scan# 3367
Delta R.T. 0.001 min
Lab File: BN012044.D
Acq: 02 Oct 2020 19:41

Instrument :
BNA_N
ClientSampled :
C0AE4

Tgt Ion:252 Resp: 137929
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 11.9 8.1 12.1



#91
Benzo(a)pyrene
Concen: 1.03 ng/ul
RT: 23.351 min Scan# 3462
Delta R.T. -0.005 min
Lab File: BN012044.D
Acq: 02 Oct 2020 19:41

Tgt Ion:252 Resp: 84476
Ion Ratio Lower Upper
252 100
253 24.7 16.6 24.8
125 17.2 9.0 13.6#

