

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100220\
 Data File : BN012049.D
 Acq On : 02 Oct 2020 22:43
 Operator : CG/JU
 Sample : L4166-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC9

Manual Integrations
 APPROVED

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 10/5/2020 10:29:55 AM

Quant Time: Oct 03 02:14:12 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	7.657	152	262865	20.00	ng/ul	0.00
18) Naphthalene-d8	10.434	136	996000	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.298	164	585300	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.045	188	1210750	20.00	ng/ul	0.00
78) Chrysene-d12	21.239	240	1254539	20.00	ng/ul	0.00
86) Perylene-d12	23.451	264	1461716	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	23406	3.87	ng/uL	0.00
5) Phenol-d5	6.828	99	347431	15.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	6.999	67	244007	18.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.193	132	293801	16.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.357	113	280339	16.23	ng/ul	0.00
19) Nitrobenzene-d5	8.810	128	137701	17.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.522	143	148645	17.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.051	165	255643	15.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.569	131	346787	17.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.710	166	884016	19.25	ng/ul	0.00
47) Acenaphthylene-d8	13.987	160	975655	17.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.492	143	81840	9.68	ng/ul	0.00
58) Fluorene-d10	15.292	176	701560	17.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.410	200	81237	10.51	ng/ul	0.00
71) Anthracene-d10	17.145	188	1055493	17.98	ng/ul	0.00
79) Pyrene-d10	19.445	212	1172116	17.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.304	264	1444868	17.61	ng/ul	-0.01
Target Compounds					Qvalue	
45) Dimethylphthalate	13.757	163	197532	4.18	ng/ul	99
50) Acenaphthene	14.363	153	132884	3.21	ng/ul	96
59) Fluorene	15.351	166	47471	1.00	ng/ul	95
70) Phenanthrene	17.086	178	87470	1.19	ng/ul	96
72) Anthracene	17.175	178	106052	1.42	ng/ul	97
77) Fluoranthene	19.110	202	505824	6.11	ng/ul	97
80) Pyrene	19.469	202	362515	4.01	ng/ul	98
83) Benzo(a)anthracene	21.227	228	126512	1.50	ng/ul	98
85) Chrysene	21.274	228	161442m	1.94	ng/ul	
88) Benzo(b)fluoranthene	22.786	252	119558	1.17	ng/ul#	96

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

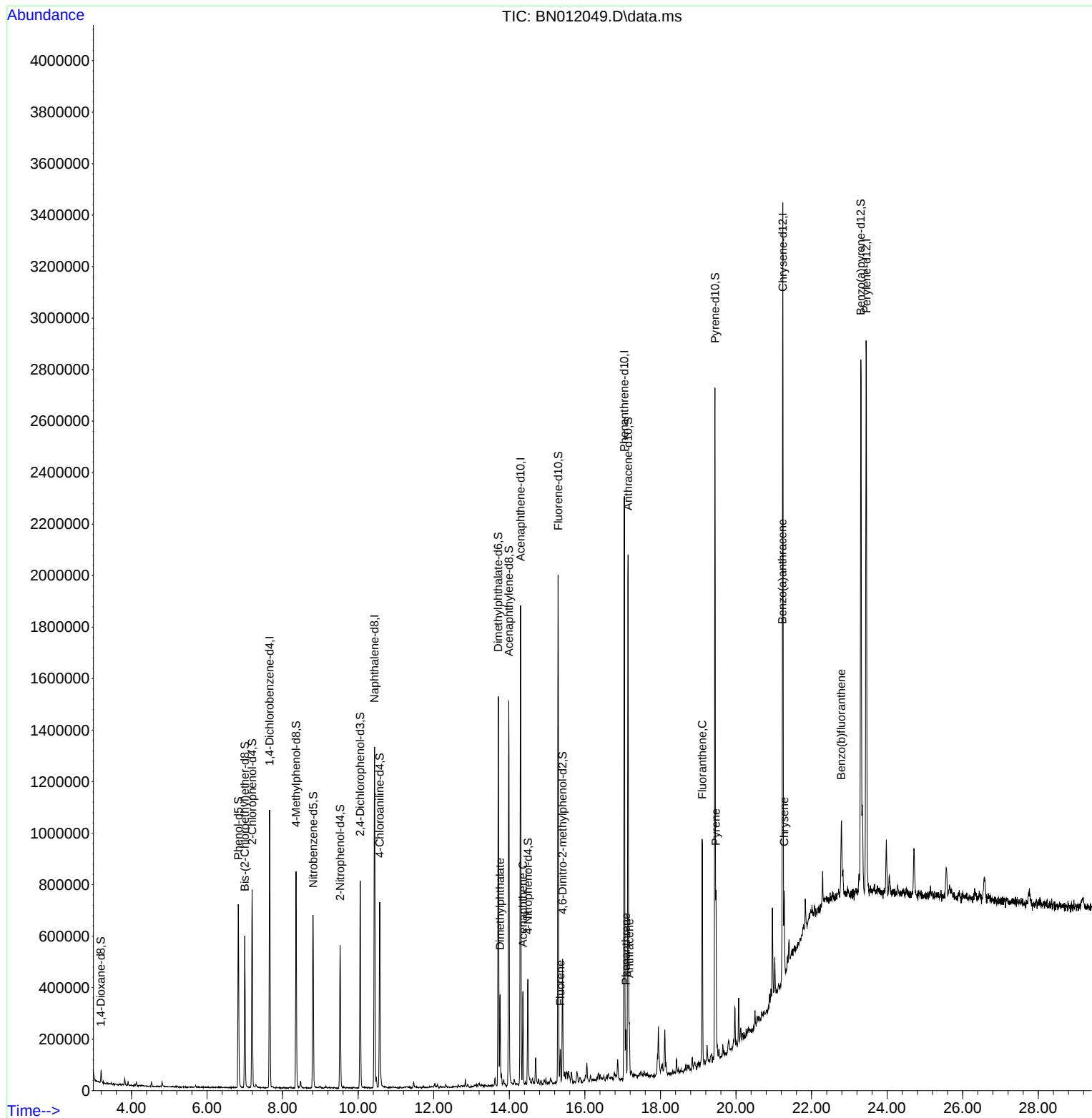
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100220\
Data File : BN012049.D
Acq On : 02 Oct 2020 22:43
Operator : CG/JU
Sample : L4166-08
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ALS Vial : 19 Sample Multiplier: 1

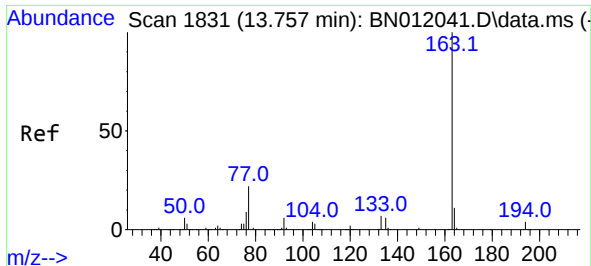
Instrument :
BNA_N
ClientSampleId :
C0AC9

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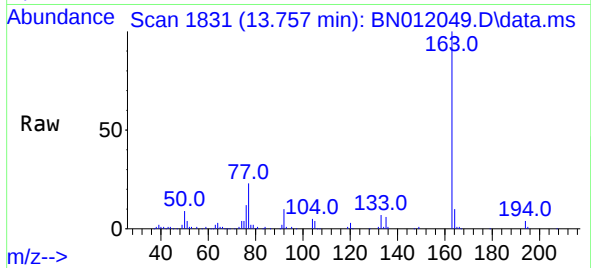
Quant Time: Oct 03 02:14:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 02:12:24 2020
Response via : Initial Calibration





#45
Dimethylphthalate
Concen: 4.18 ng/ul
RT: 13.757 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN012049.D
Acq: 02 Oct 2020 22:43

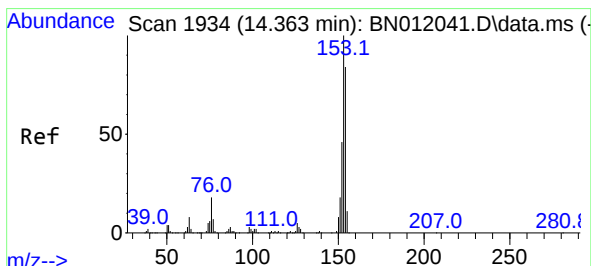
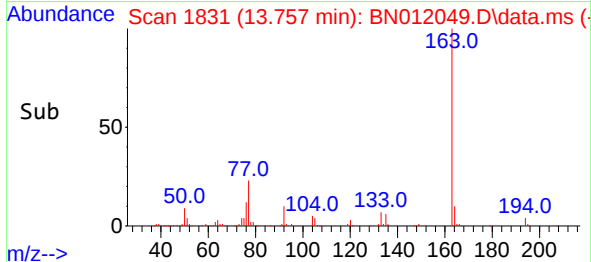
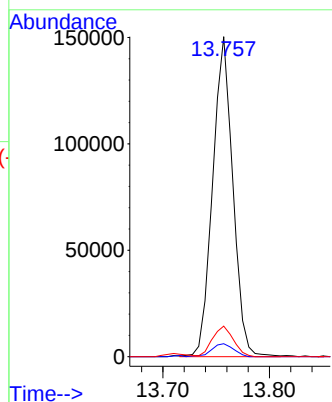
Instrument :
BNA_N
ClientSampled :
C0AC9



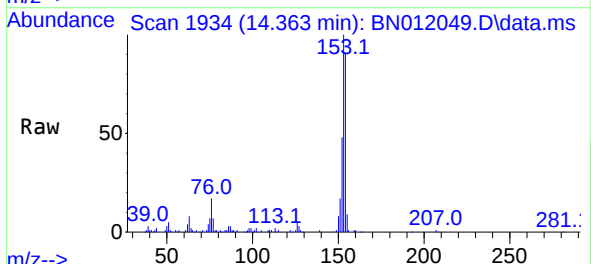
Tgt Ion:163 Resp: 197532
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.5 7.8 11.8

Manual Integrations
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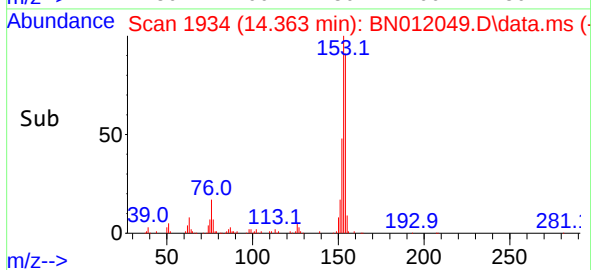
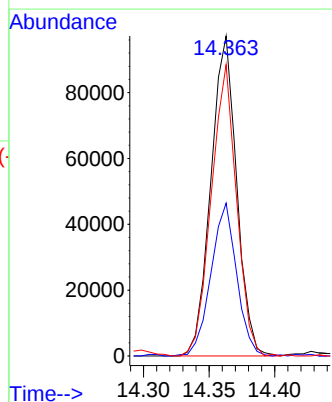
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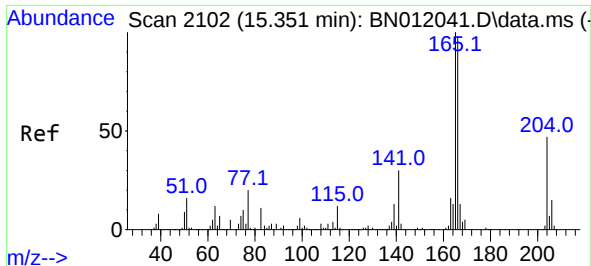


#50
Acenaphthene
Concen: 3.21 ng/ul
RT: 14.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BN012049.D
Acq: 02 Oct 2020 22:43

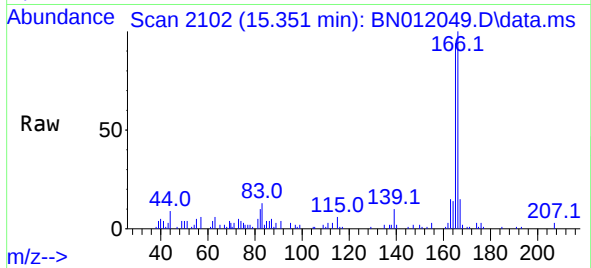


Tgt Ion:153 Resp: 132884
Ion Ratio Lower Upper
153 100
152 47.8 35.9 53.9
154 91.1 70.2 105.2

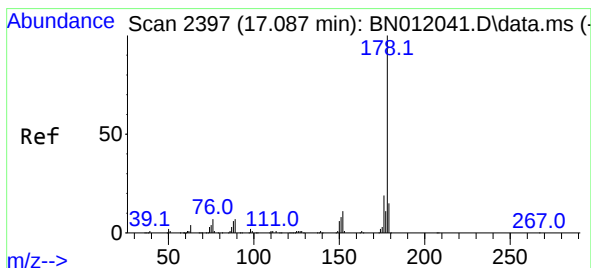
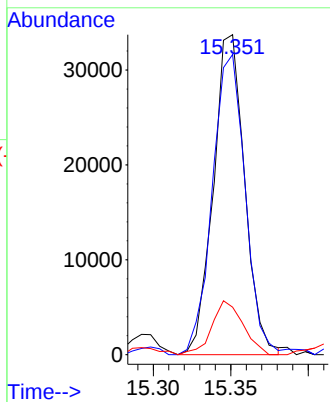
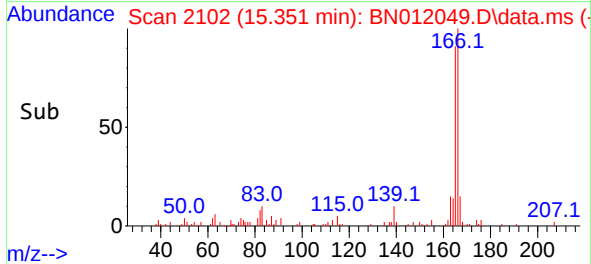




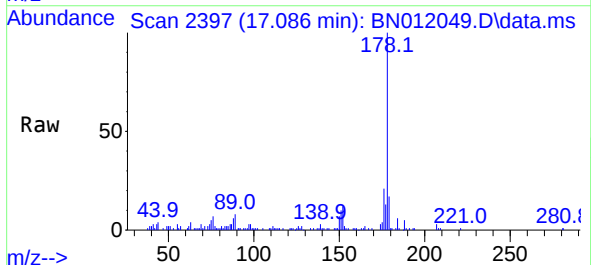
#59
Fluorene
Concen: 1.00 ng/ul
RT: 15.351 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN012049.D
Acq: 02 Oct 2020 22:43



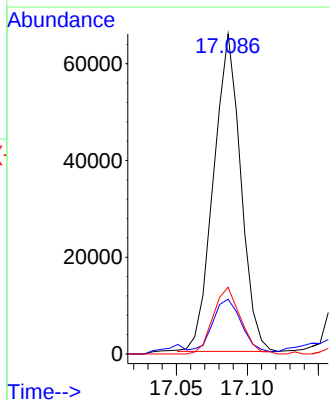
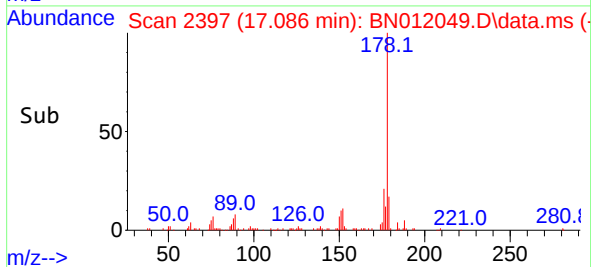
Tgt Ion:166 Resp: 47471
Ion Ratio Lower Upper
166 100
165 93.8 79.0 118.6
167 14.8 10.5 15.7



#70
Phenanthrene
Concen: 1.19 ng/ul
RT: 17.086 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BN012049.D
Acq: 02 Oct 2020 22:43



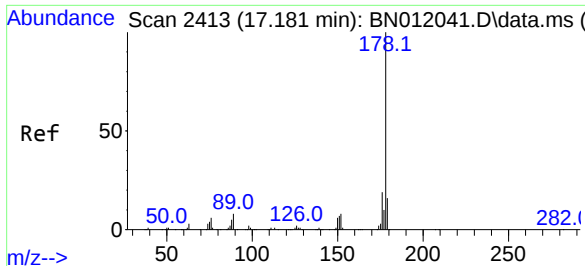
Tgt Ion:178 Resp: 87470
Ion Ratio Lower Upper
178 100
179 17.1 12.2 18.2
176 20.9 15.4 23.2



Instrument :
BNA_N
ClientSampled :
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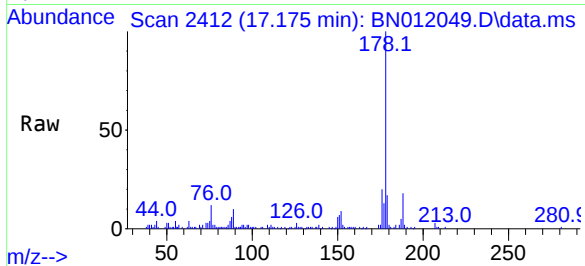
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#72
 Anthracene
 Concen: 1.42 ng/ul
 RT: 17.175 min Scan# 2412
 Delta R.T. -0.006 min
 Lab File: BN012049.D
 Acq: 02 Oct 2020 22:43

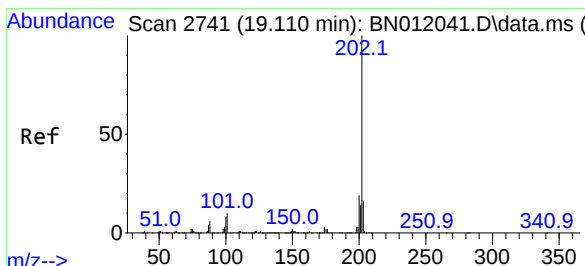
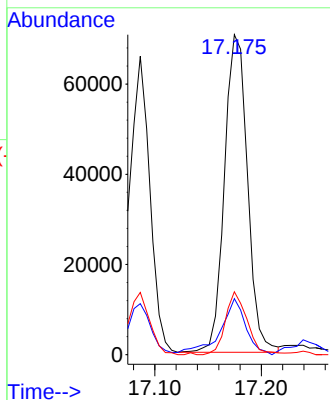
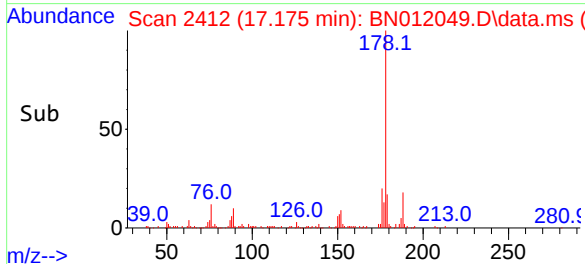
Instrument :
 BNA_N
 ClientSampled :
 C0AC9



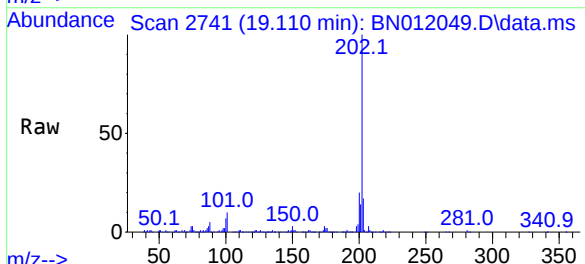
Tgt Ion:178 Resp: 106052
 Ion Ratio Lower Upper
 178 100
 179 17.5 12.8 19.2
 176 19.7 15.0 22.6

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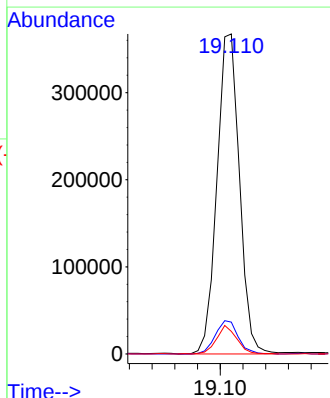
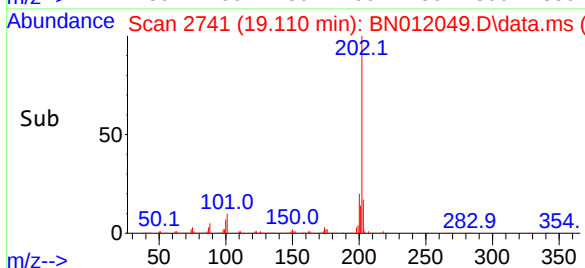
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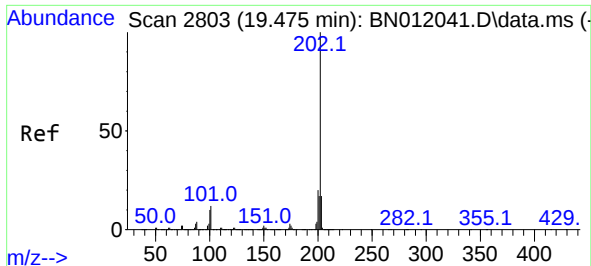


#77
 Fluoranthene
 Concen: 6.11 ng/ul
 RT: 19.110 min Scan# 2741
 Delta R.T. 0.000 min
 Lab File: BN012049.D
 Acq: 02 Oct 2020 22:43



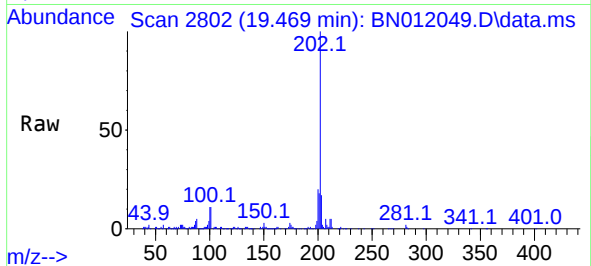
Tgt Ion:202 Resp: 505824
 Ion Ratio Lower Upper
 202 100
 101 10.0 8.6 13.0
 100 7.1 6.6 9.8





#80
Pyrene
Concen: 4.01 ng/ul
RT: 19.469 min Scan# 2802
Delta R.T. -0.006 min
Lab File: BN012049.D
Acq: 02 Oct 2020 22:43

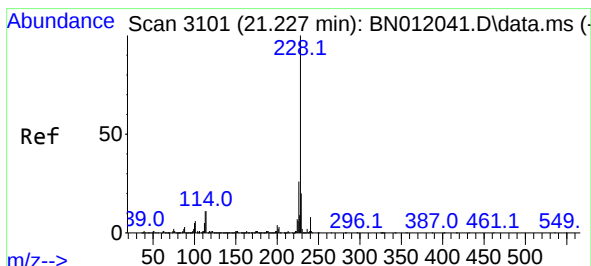
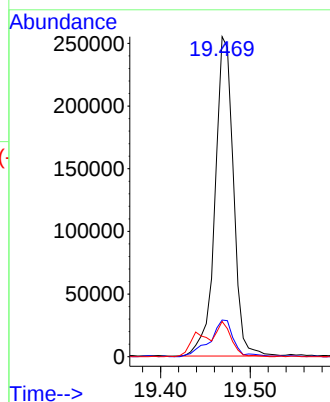
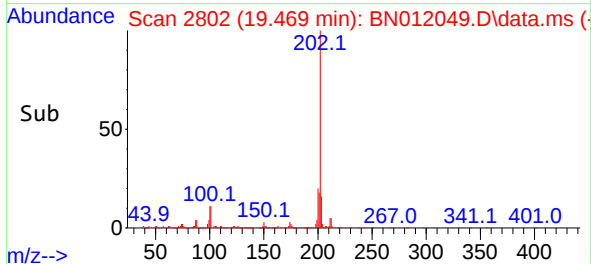
Instrument :
BNA_N
ClientSampled :
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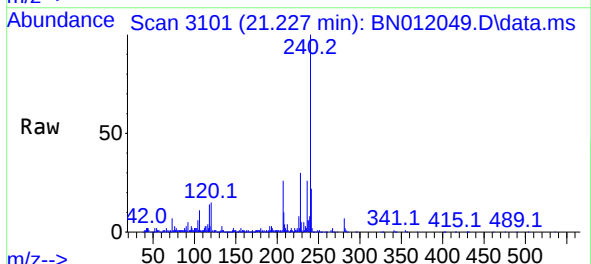
Tgt Ion:202 Resp: 362515
Ion Ratio Lower Upper
202 100
101 11.5 10.2 15.2
100 11.0 8.8 13.2

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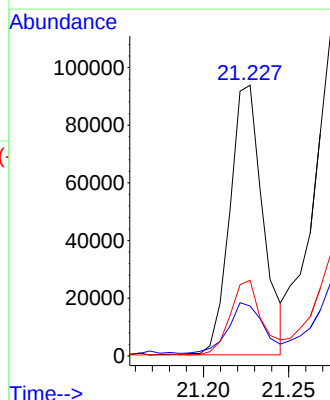
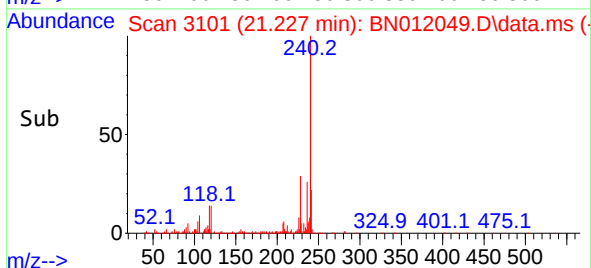
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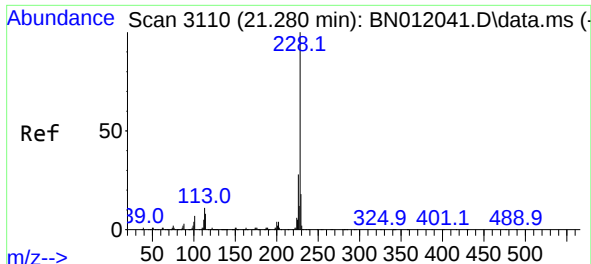


#83
Benzo(a)anthracene
Concen: 1.50 ng/ul
RT: 21.227 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BN012049.D
Acq: 02 Oct 2020 22:43



Tgt Ion:228 Resp: 126512
Ion Ratio Lower Upper
228 100
229 18.4 15.4 23.2
226 28.0 21.2 31.8





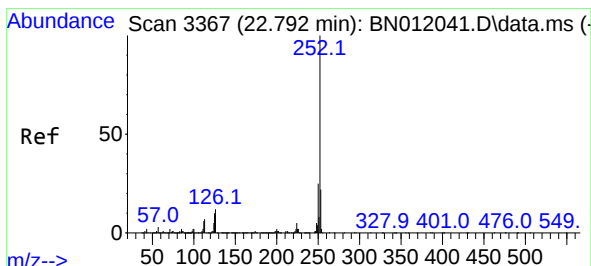
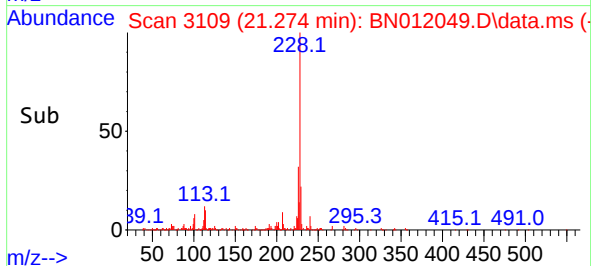
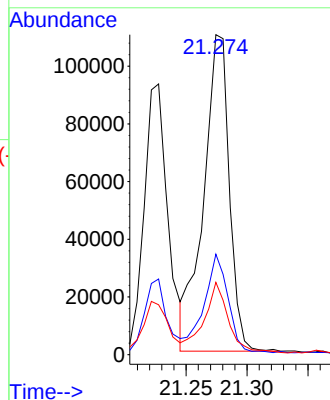
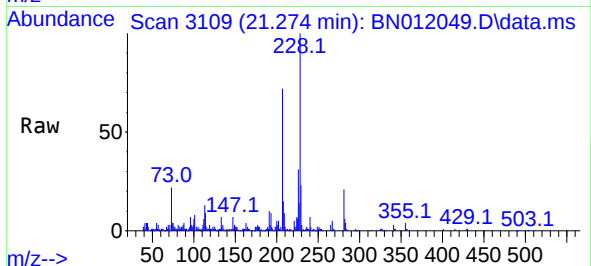
#85
Chrysene
Concen: 1.94 ng/ul m
RT: 21.274 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BN012049.D
Acq: 02 Oct 2020 22:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.3	34.9
229	22.6	15.0	22.4#

Instrument :
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#88
Benzo(b)fluoranthene
Concen: 1.17 ng/ul
RT: 22.786 min Scan# 3366
Delta R.T. -0.006 min
Lab File: BN012049.D
Acq: 02 Oct 2020 22:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	14.2	8.1	12.1#

