

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
 Data File : BN012585.D
 Acq On : 17 Nov 2020 13:30
 Operator : CG/JU
 Sample : L4762-01DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 C0AB6DL

Manual Integrations
 APPROVED

mohammad
 11/19/2020 10:32:15 AM

Quant Time: Nov 17 14:10:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 17 13:38:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	124065	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	512605	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	388567	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	841596	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	857225	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	943384	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.64	99	30928	2.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	24751	3.72	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	26317	2.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	25299	2.74	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	12899	3.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	12352	2.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	25152	2.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	98086	11.18	ng/ul	-0.03
44) Dimethylphthalate-d6	13.53	166	104974	3.31	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	128591	3.39	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.11	176	95693	3.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.96	188	165238m	3.86	ng/ul	0.00
79) Pyrene-d10	19.27	212	167388	3.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	189037	3.67	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.27	128	147427	4.975	ng/ul#	95
34) 2-Methylnaphthalene	11.90	142	684810	33.112	ng/ul	99
41) 1,1'-Biphenyl	12.93	154	84636	2.628	ng/ul#	96
50) Acenaphthene	14.17	153	73827	2.665	ng/ul	96
59) Fluorene	15.16	166	145492	4.534	ng/ul#	94
70) Phenanthrene	16.90	178	1452848	28.079	ng/ul	99
72) Anthracene	16.99	178	250307m	4.772	ng/ul	
77) Fluoranthene	18.93	202	231693	3.893	ng/ul#	96
80) Pyrene	19.30	202	886567	14.526	ng/ul	99
83) Benzo(a)anthracene	21.06	228	119007	2.060	ng/ul#	44
85) Chrysene	21.11	228	135129	2.399	ng/ul#	71
88) Benzo(b)fluoranthene	22.57	252	79349	1.259	ng/ul#	34
91) Benzo(a)pyrene	23.10	252	70972	1.232	ng/ul#	42

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

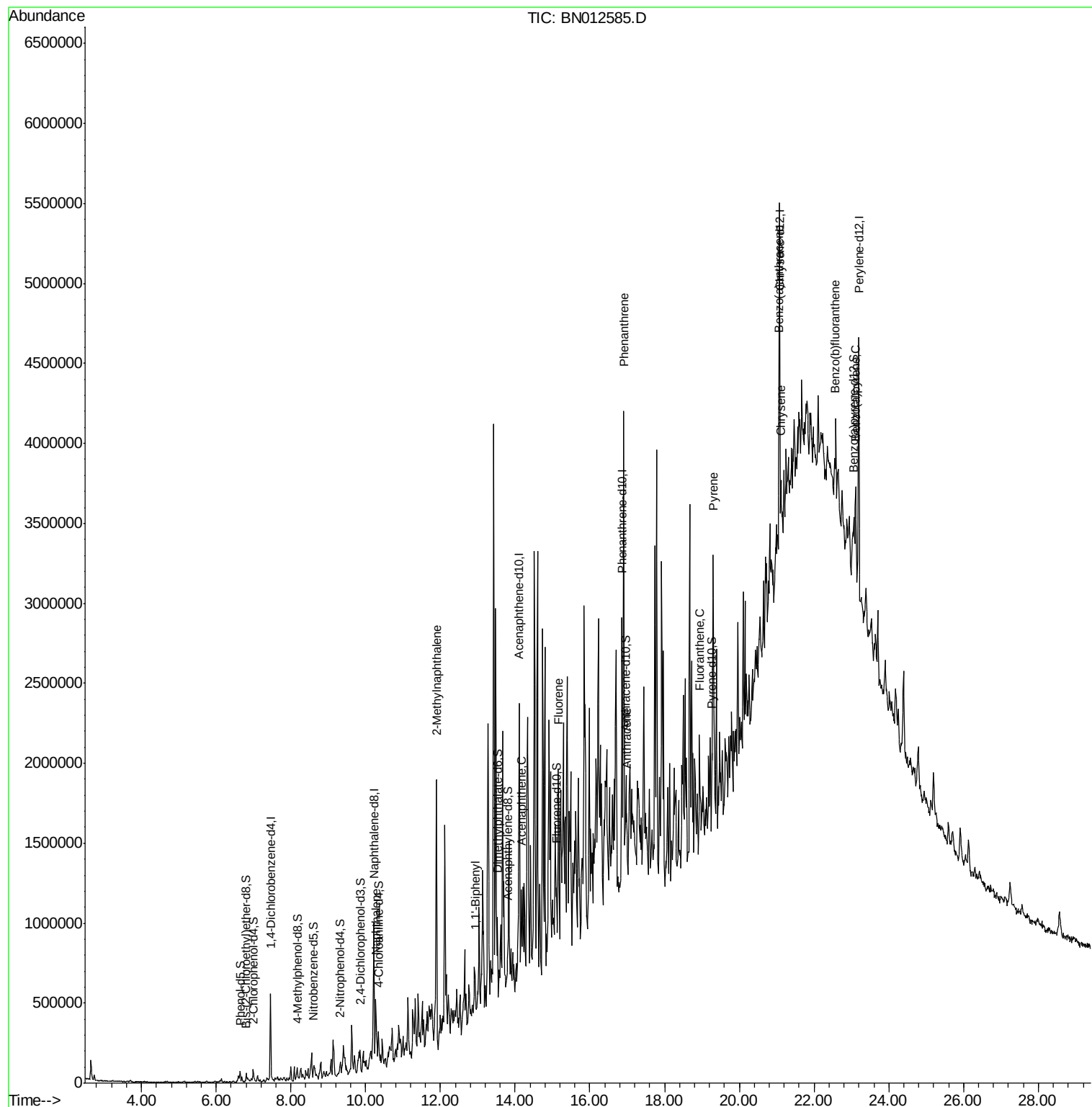
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

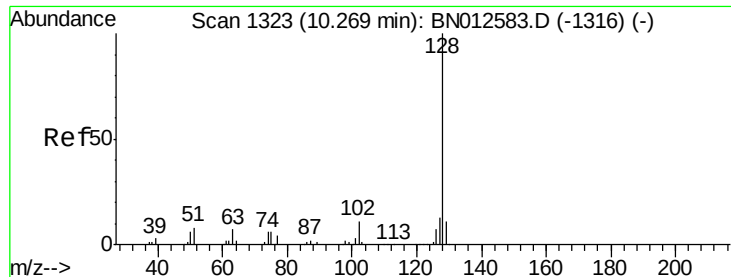
Instrument :
BNA_N
ClientSampleId :
C0AB6DL

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Quant Time: Nov 17 14:10:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





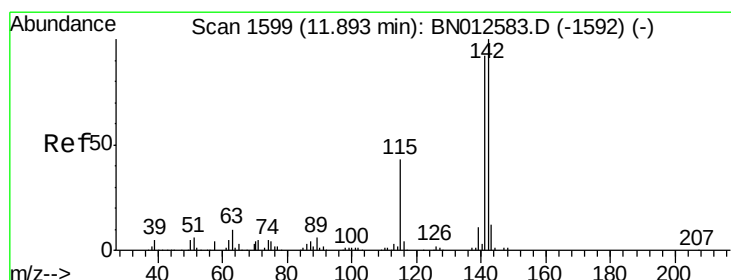
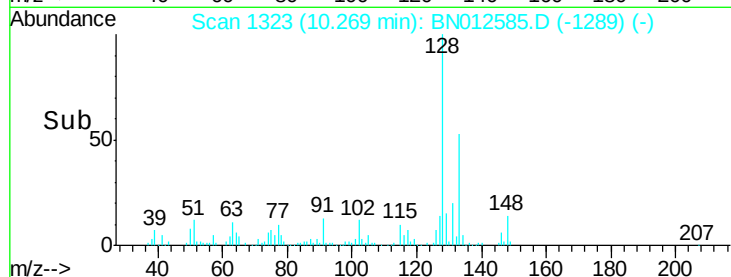
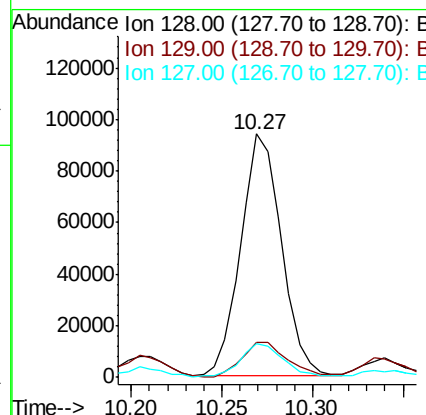
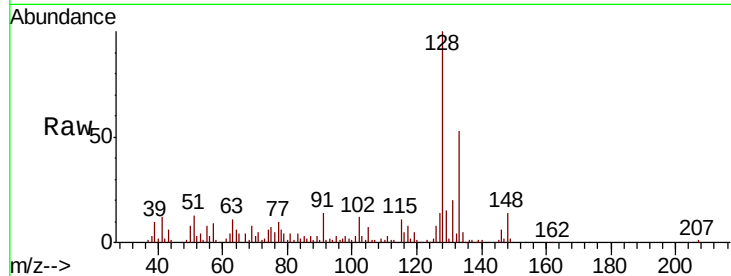
#28
Naphthalene
Concen: 4.975 ng/ul
RT: 10.27 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BN012585.D
Acq: 17 Nov 2020 13:30

Instrument :
BNA_N
ClientSampleId :
C0AB6DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.5	8.6	12.8#
127	13.9	11.6	17.4

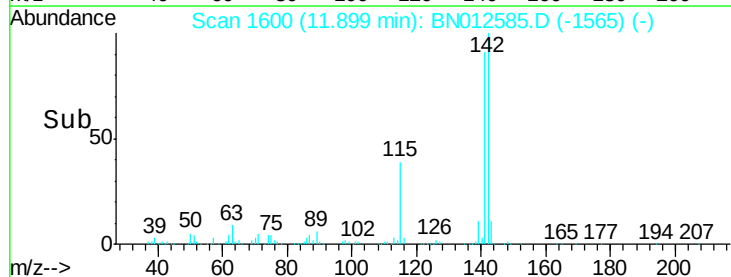
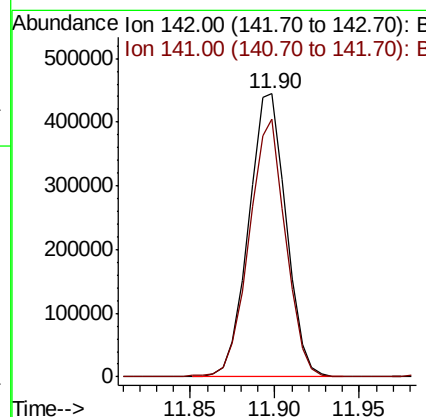
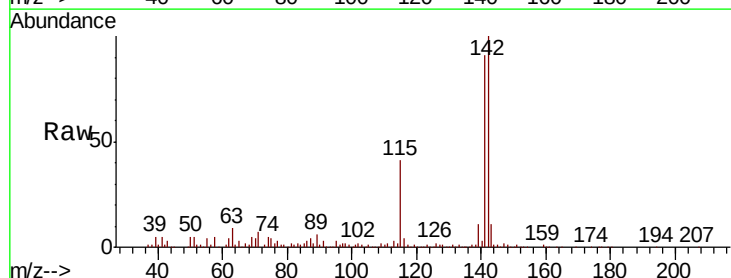
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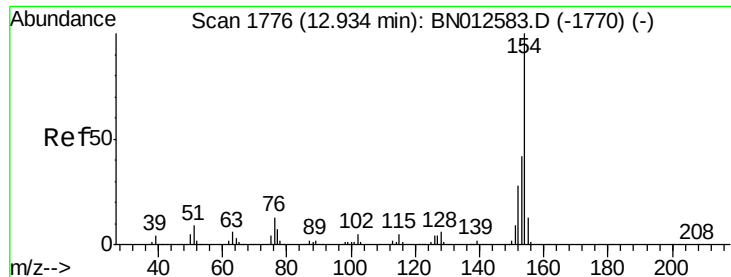
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#34
2-Methylnaphthalene
Concen: 33.112 ng/ul
RT: 11.90 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BN012585.D
Acq: 17 Nov 2020 13:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.8	110.8





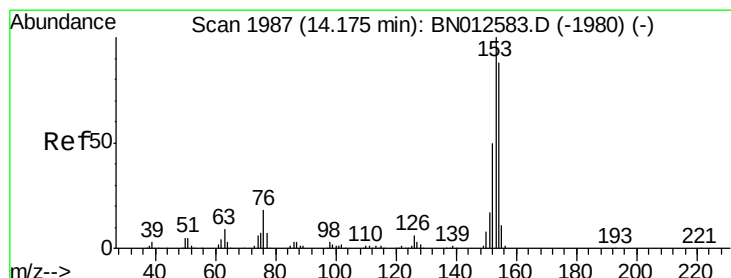
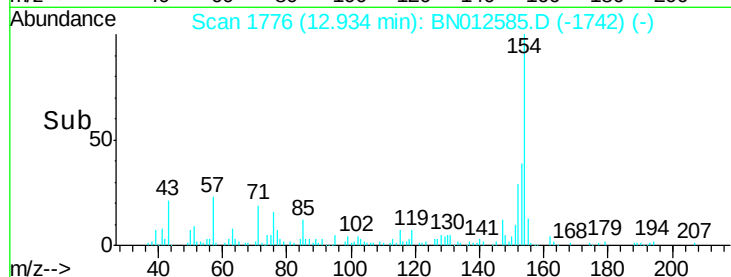
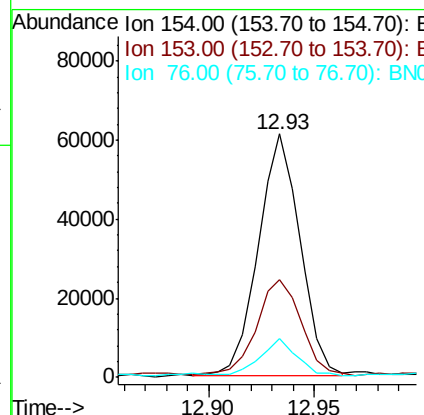
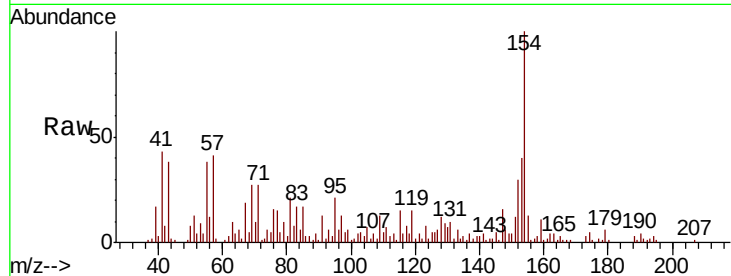
#41
1,1'-Biphenyl
Concen: 2.628 ng/ul
RT: 12.93 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BN012585.D
Acq: 17 Nov 2020 13:30

Instrument :
BNA_N
ClientSampleId :
C0AB6DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	31.4	47.0
76	16.1	9.3	13.9

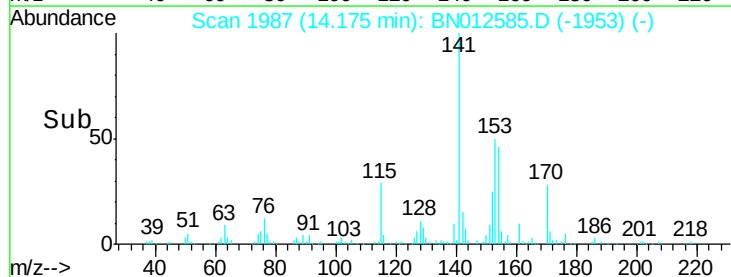
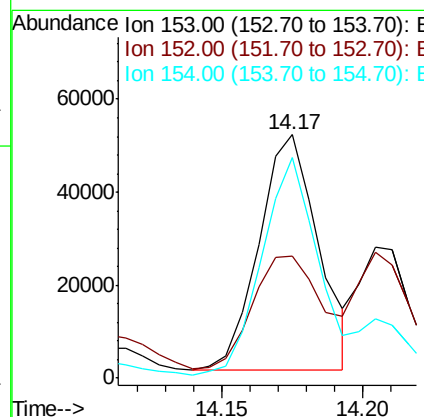
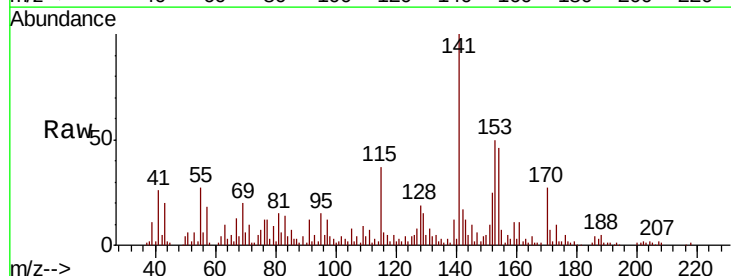
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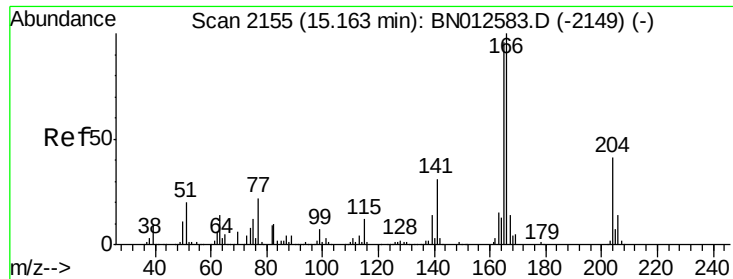
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#50
Acenaphthene
Concen: 2.665 ng/ul
RT: 14.17 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BN012585.D
Acq: 17 Nov 2020 13:30

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.1	37.1	55.7
154	90.5	69.7	104.5





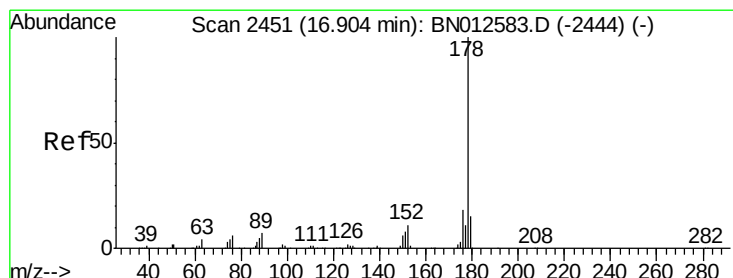
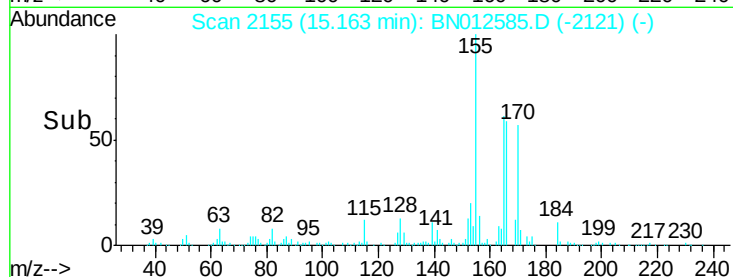
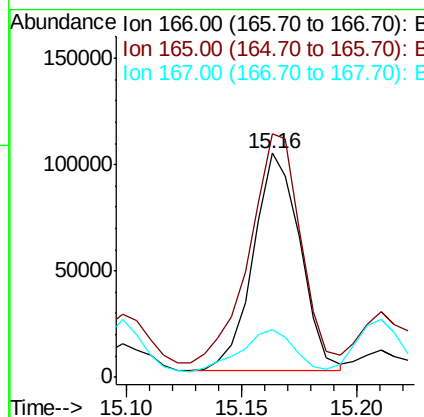
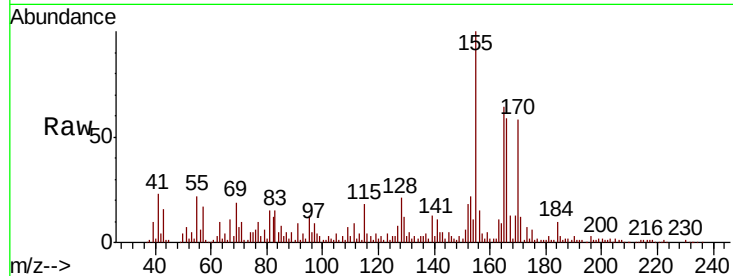
#59
Fluorene
Concen: 4.534 ng/ul
RT: 15.16 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BN012585.D
Acq: 17 Nov 2020 13:30

Instrument :
BNA_N
ClientSampleId :
C0AB6DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	108.7	83.3	124.9
167	21.5	11.0	16.6

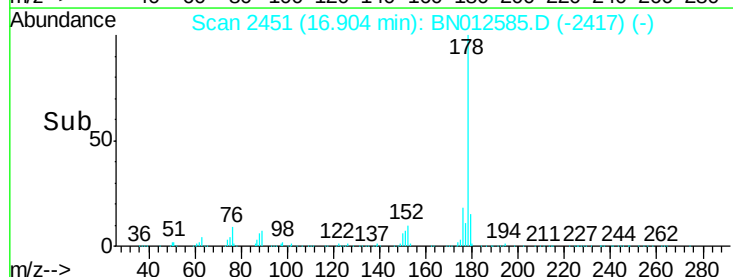
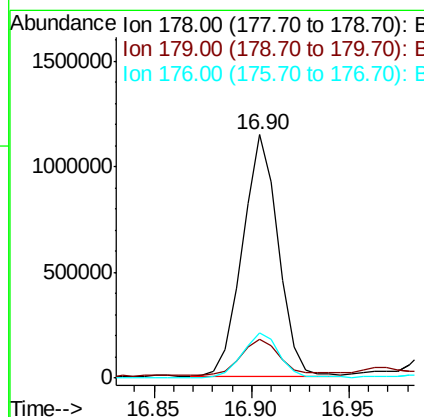
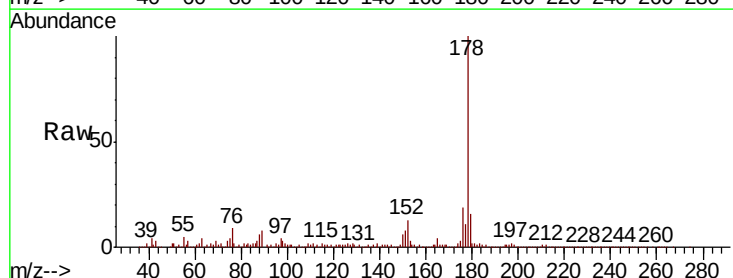
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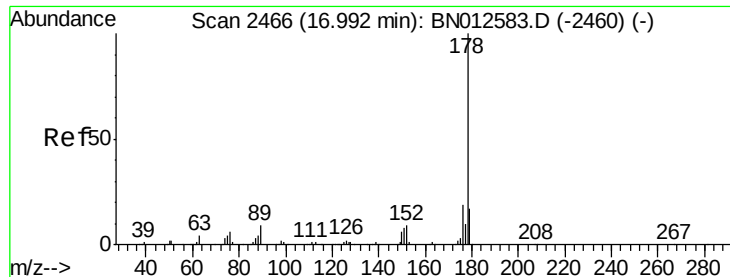
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#70
Phenanthrene
Concen: 28.079 ng/ul
RT: 16.90 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BN012585.D
Acq: 17 Nov 2020 13:30

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.1	19.7
176	18.6	15.4	23.0





#72

Anthracene

Concen: 4.772 ng/ul m

RT: 16.99 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BN012585.D

Acq: 17 Nov 2020 13:30

Instrument :

BNA_N

ClientSampleId :

C0AB6DL

Tot Ion:178 Resp: 250307
Ion Ratio Lower Upper

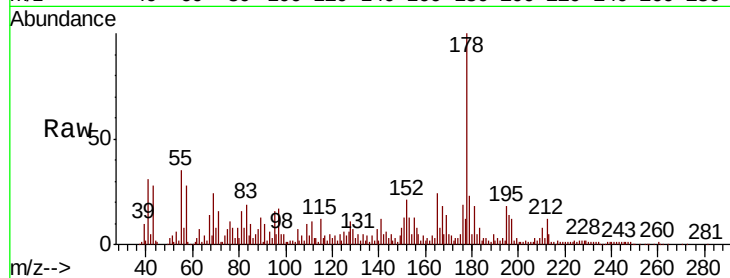
178 100

179 23.3 12.4 18.6#

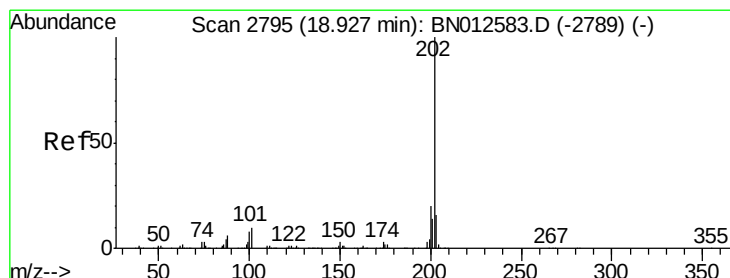
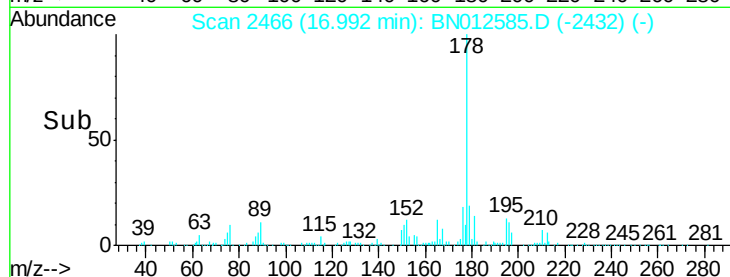
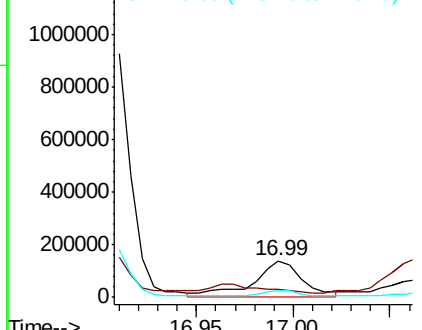
176 19.3 14.8 22.2

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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: 3.893 ng/ul

RT: 18.93 min Scan# 2796

Delta R.T. 0.01 min

Lab File: BN012585.D

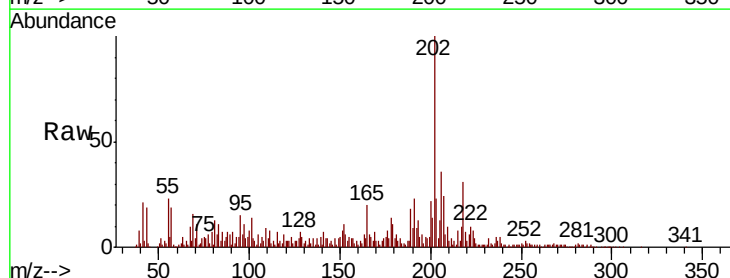
Acq: 17 Nov 2020 13:30

Tgt Ion:202 Resp: 231693
Ion Ratio Lower Upper

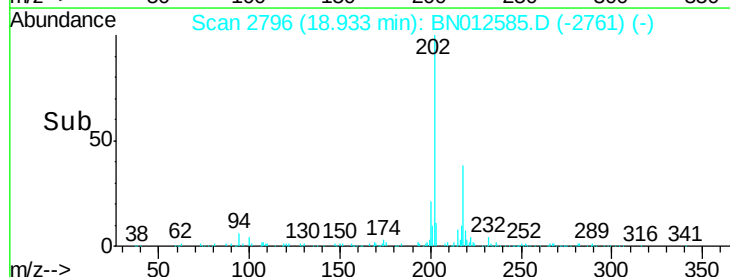
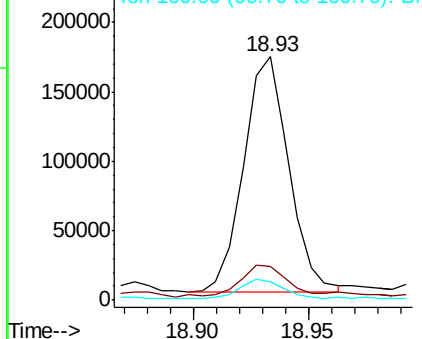
202 100

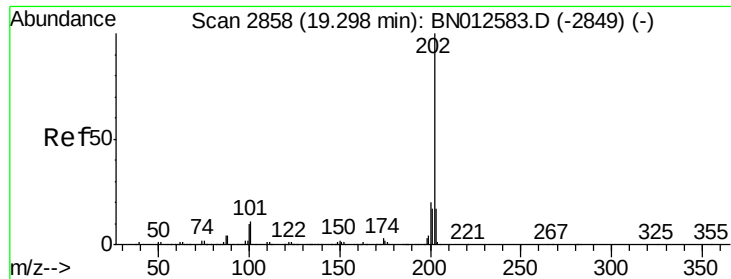
101 13.8 10.2 15.2

100 7.6 7.7 11.5#



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





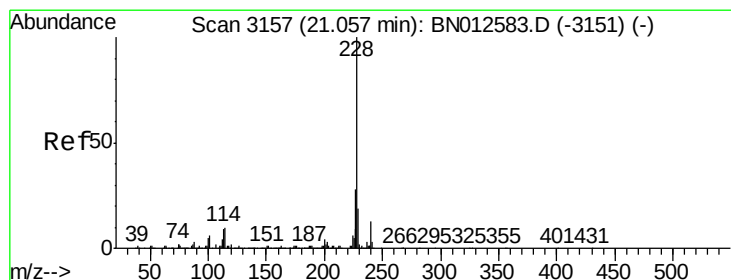
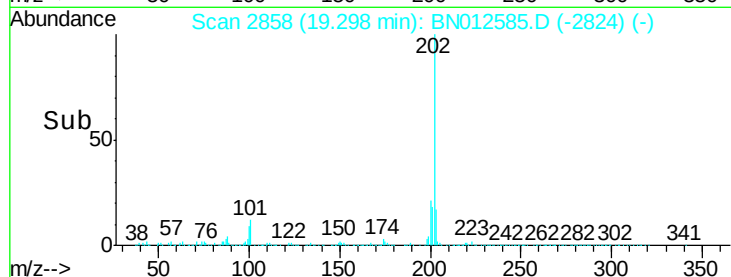
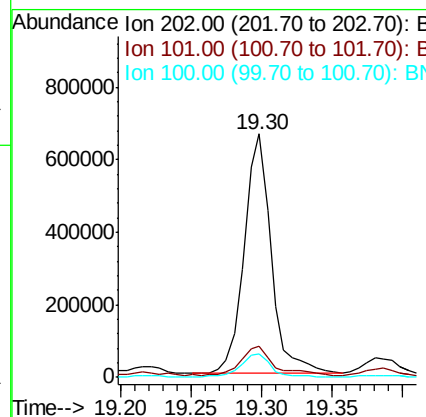
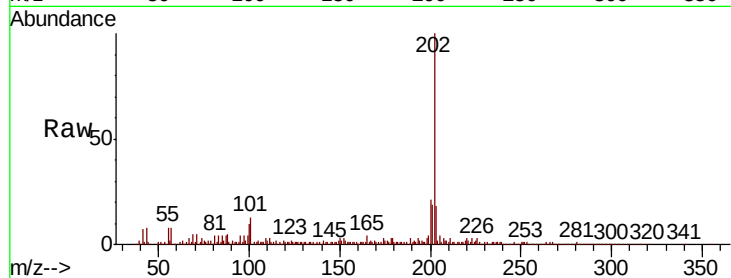
#80
Pvrene
Concen: 14.526 ng/ul
RT: 19.30 min Scan# 2858
Delta R.T. 0.00 min
Lab File: BN012585.D
Acq: 17 Nov 2020 13:30

Instrument :
BNA_N
ClientSampleId :
C0AB6DL

Tot Ion:	202	Resp:	886567
Ion Ratio	Lower	Upper	
202	100		
101	12.7	10.1	15.1
100	9.5	8.5	12.7

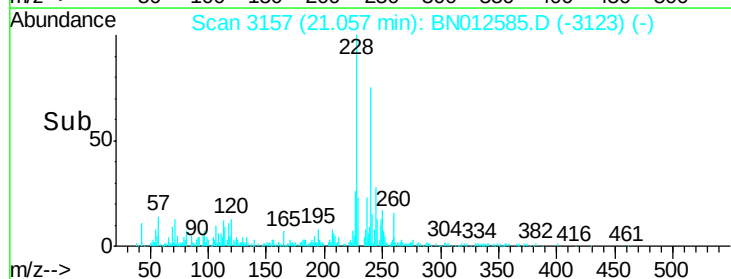
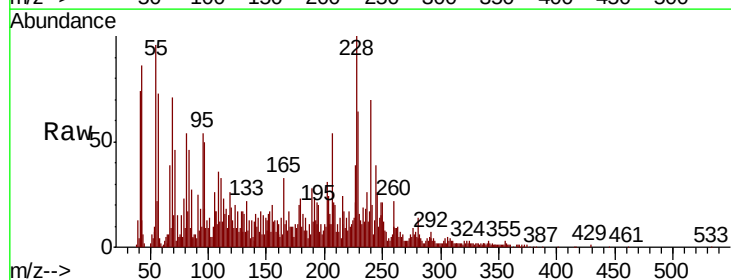
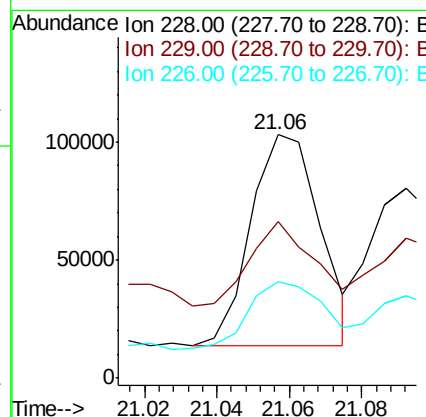
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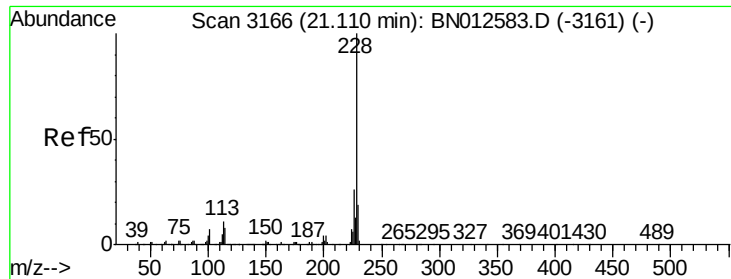
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#83
Benzo(a)anthracene
Concen: 2.060 ng/ul
RT: 21.06 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BN012585.D
Acq: 17 Nov 2020 13:30

Tgt Ion:	228	Resp:	119007
Ion Ratio	Lower	Upper	
228	100		
229	64.5	15.0	22.6#
226	39.5	21.5	32.3#





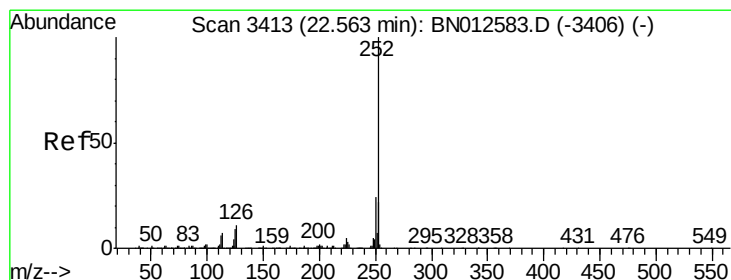
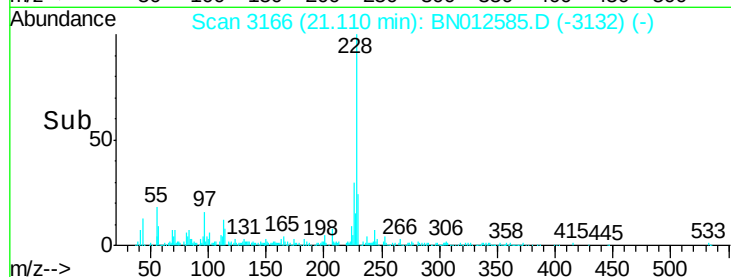
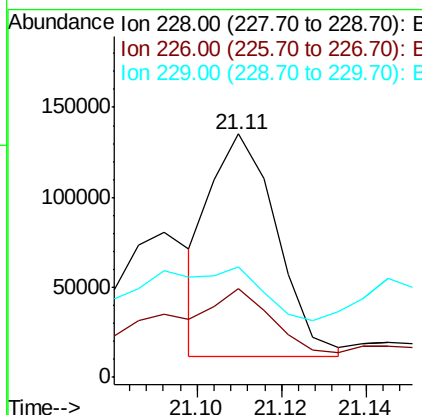
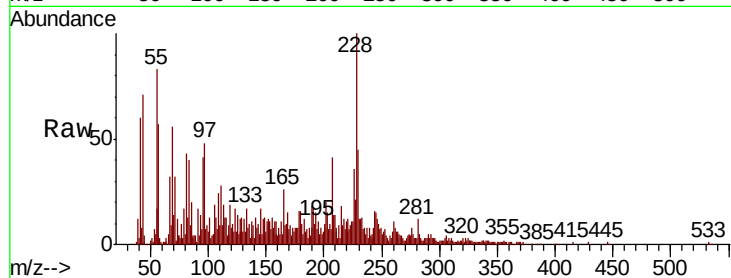
#85
Chrysene
Concen: 2.399 ng/ul
RT: 21.11 min Scan# 3166
Delta R.T. 0.00 min
Lab File: BN012585.D
Acq: 17 Nov 2020 13:30

Instrument :
BNA_N
ClientSampleId :
C0AB6DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.3	24.3	36.5
229	45.3	14.8	22.2#

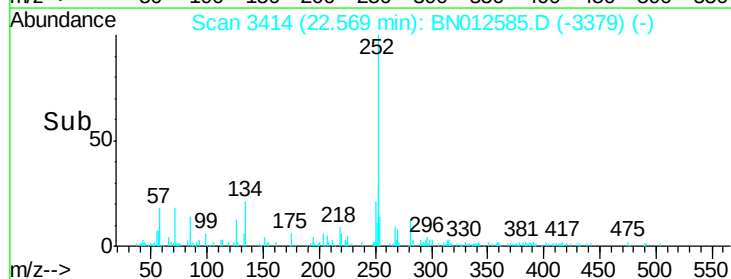
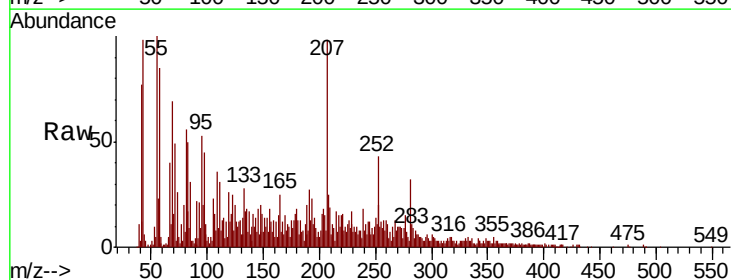
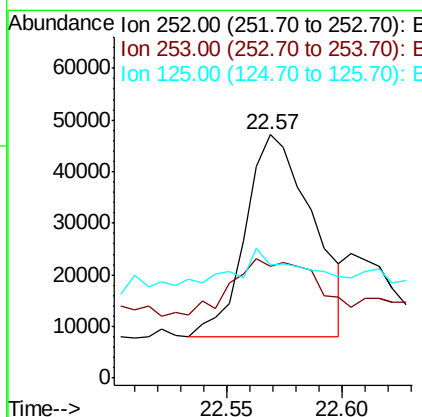
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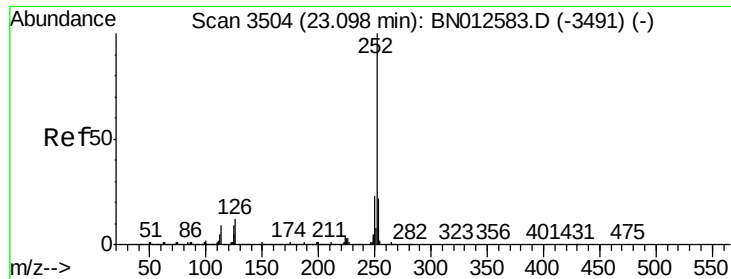
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#88
Benzo(b)fluoranthene
Concen: 1.259 ng/ul
RT: 22.57 min Scan# 3414
Delta R.T. 0.01 min
Lab File: BN012585.D
Acq: 17 Nov 2020 13:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	45.8	17.2	25.8#
125	46.6	8.2	12.4#





#91

Benzo(a)pyrene

Concen: 1.232 ng/ul

RT: 23.10 min Scan# 3505

Delta R.T. 0.01 min

Lab File: BN012585.D

Acq: 17 Nov 2020 13:30

Instrument :

BNA_N

ClientSampleId :

C0AB6DL

Tot Ion:	252	Resp:	70972
Ion Ratio	Lower	Upper	
252	100		
253	41.0	15.6	23.4#
125	41.3	9.2	13.8#

Manual Integrations
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