

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009552.D
 Acq On : 04 Feb 2020 05:21
 Operator : CG/JU
 Sample : L1271-11DL 25X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT02DL

Manual Integrations
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mohammad
 2/4/2020 6:15:13 PM

Quant Time: Feb 04 06:15:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 04 02:55:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	136483	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	573752	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	366863	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	761213	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	745903	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	802831	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	5876	0.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	4887	0.61	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	4653	0.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	4288	0.45	ng/ul	0.01
19) Nitrobenzene-d5	8.60	128	1848	0.43	ng/ul	0.01
22) 2-Nitrophenol-d4	9.30	143	2227	0.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	4247	0.48	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.50	166	21698	0.81	ng/ul	0.00
46) Acenaphthylene-d8	13.77	160	21302	0.66	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.08	176	18492	0.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	1206	0.25	ng/ul	0.02
70) Anthracene-d10	16.93	188	28446m	0.82	ng/ul	0.00
78) Pyrene-d10	19.23	212	29867	0.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	29682	0.75	ng/ul	0.00

Target Compounds

					Ovalue
34) 2-Methylnaphthalene	11.86	142	35894	1.648	ng/ul 90
40) 1,1'-Biphenyl	12.90	154	348211	12.191	ng/ul 99
47) Acenaphthylene	13.79	152	567709	16.031	ng/ul 98
49) Acenaphthene	14.14	153	91889	3.817	ng/ul 94
53) Dibenzofuran	14.48	168	119637m	3.569	ng/ul
58) Fluorene	15.13	166	538406	19.217	ng/ul 95
69) Phenanthrene	16.87	178	3087045	71.112	ng/ul 99
71) Anthracene	16.96	178	111609	2.534	ng/ul 97
76) Fluoranthene	18.90	202	567315	11.450	ng/ul 99
79) Pyrene	19.26	202	868111	15.943	ng/ul 97
82) Benzo(a)anthracene	21.03	228	271850	5.279	ng/ul 94
84) Chrysene	21.08	228	279088	5.443	ng/ul 97
87) Benzo(b)fluoranthene	22.53	252	145538	2.897	ng/ul# 94
90) Benzo(a)pyrene	23.06	252	57117	1.227	ng/ul# 94

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

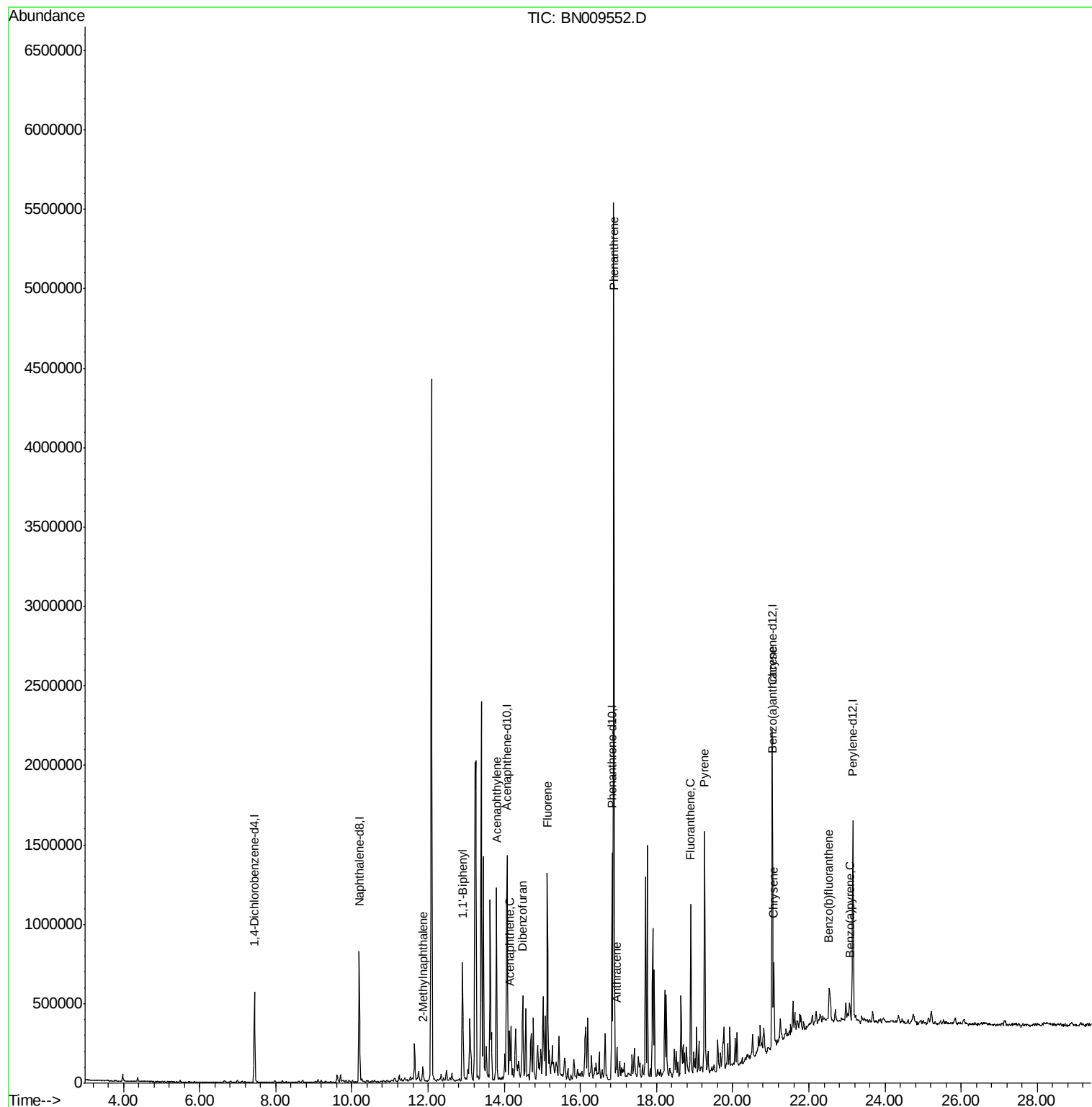
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
Operator : CG/JU
Sample : L1271-11DL 25X
Misc :
ALS Vial : 28 Sample Multiplier: 1

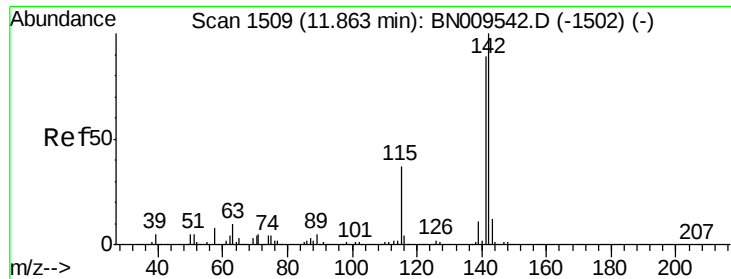
Instrument :
BNA_N
ClientSampleId :
GAT02DL

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Quant Time: Feb 04 06:15:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
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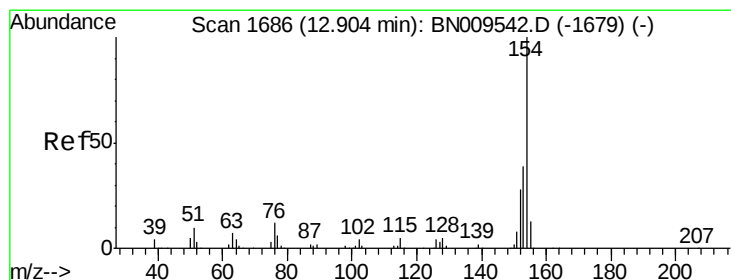
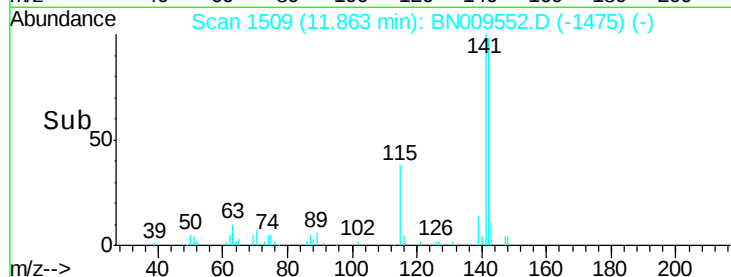
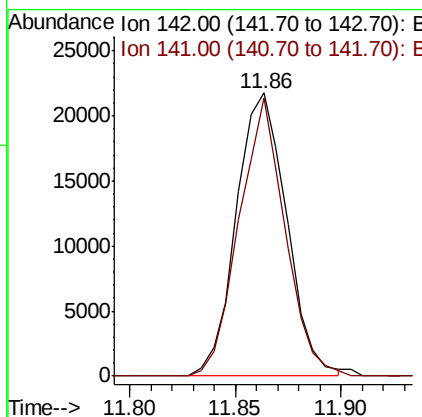
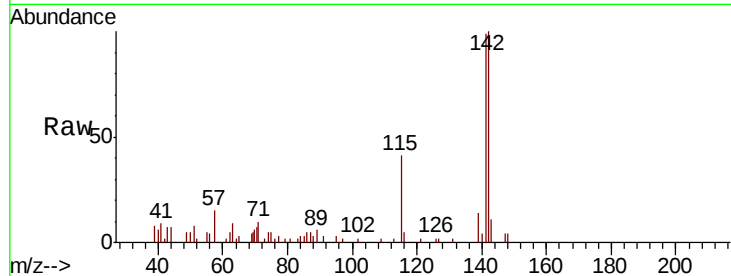
#34
2-Methylnaphthalene
Concen: 1.648 ng/ul
RT: 11.86 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BN009552.D
Acq: 04 Feb 2020 05:21

Instrument :
BNA_N
ClientSampled :
GAT02DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	98.5	71.5	107.3

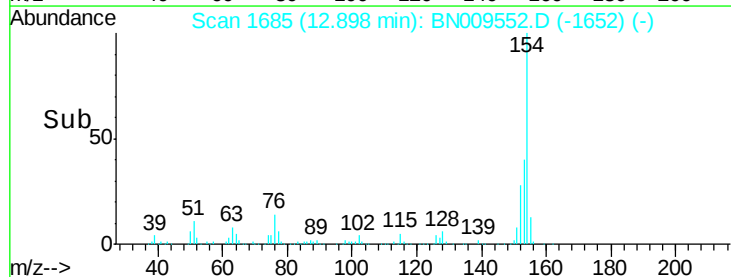
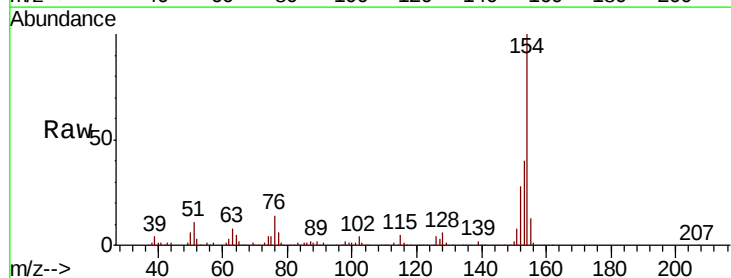
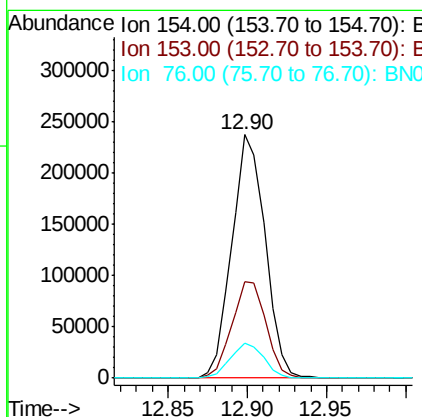
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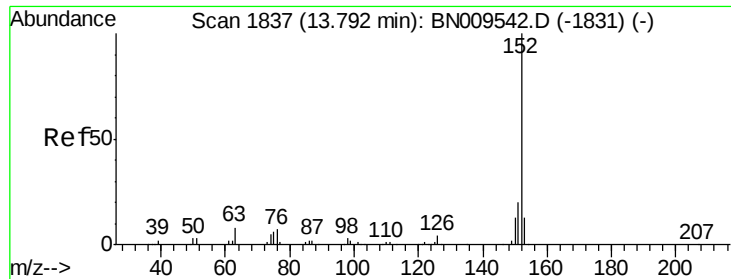
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#40
1,1'-Biphenyl
Concen: 12.191 ng/ul
RT: 12.90 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BN009552.D
Acq: 04 Feb 2020 05:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	31.2	46.8
76	14.1	11.4	17.2





#47

Acenaphthylene

Concen: 16.031 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BN009552.D

Acq: 04 Feb 2020 05:21

Instrument :

BNA_N

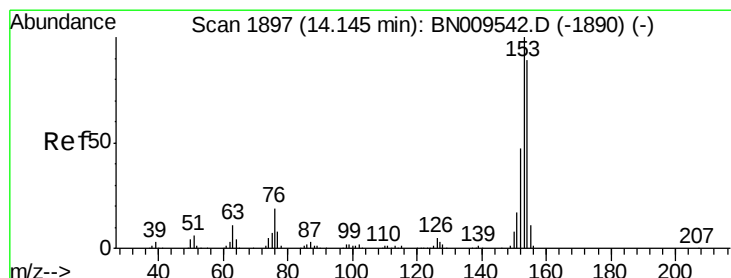
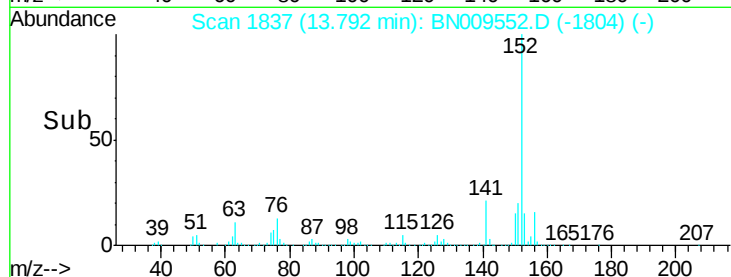
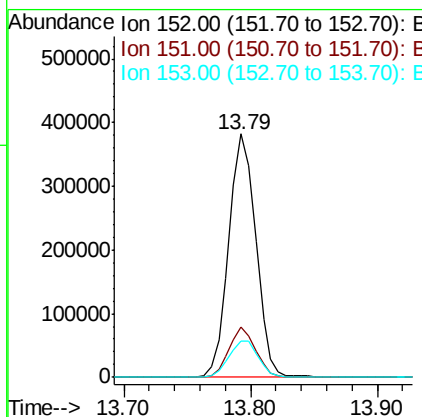
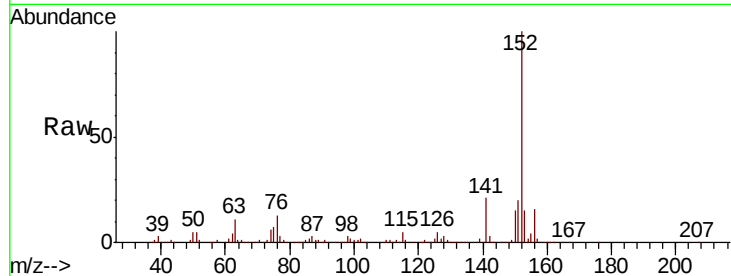
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		567709		
151	20.5	16.2	24.2		
153	14.6	10.6	15.8		

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#49

Acenaphthene

Concen: 3.817 ng/ul

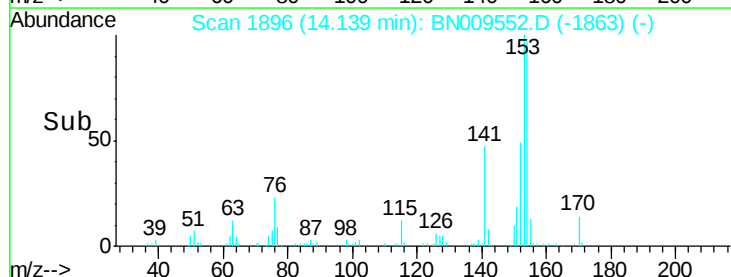
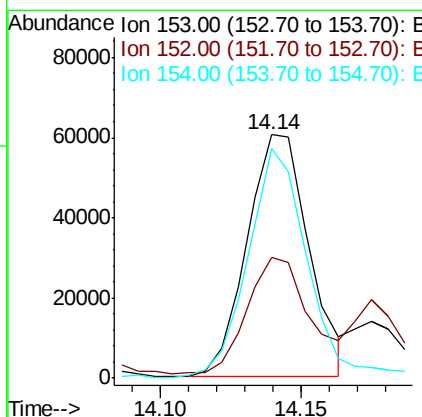
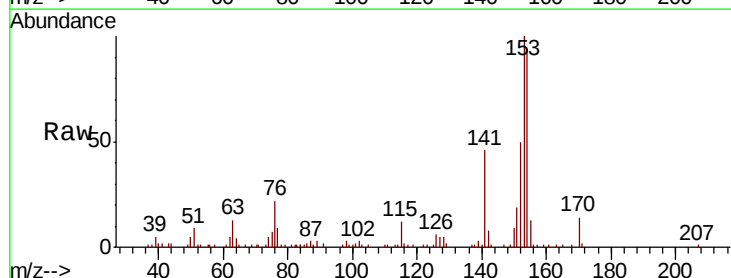
RT: 14.14 min Scan# 1896

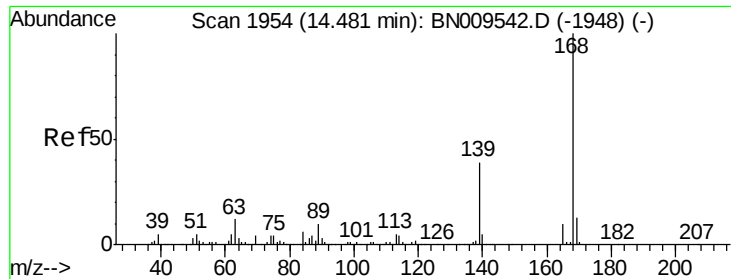
Delta R.T. -0.01 min

Lab File: BN009552.D

Acq: 04 Feb 2020 05:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
153	100		91889		
152	49.7	37.3	55.9		
154	94.4	70.2	105.2		





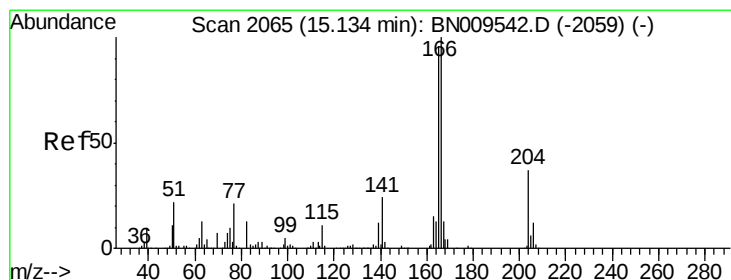
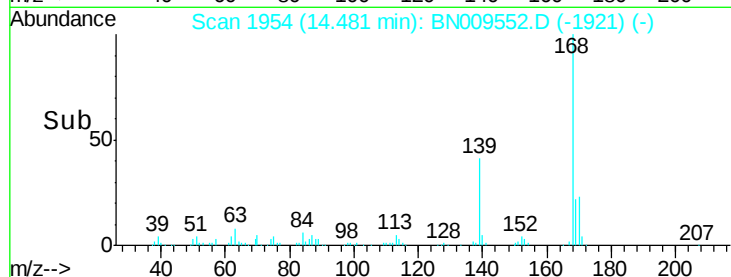
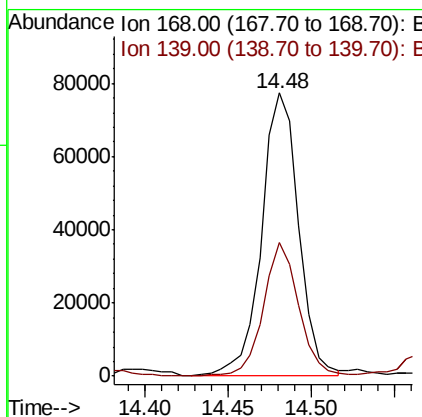
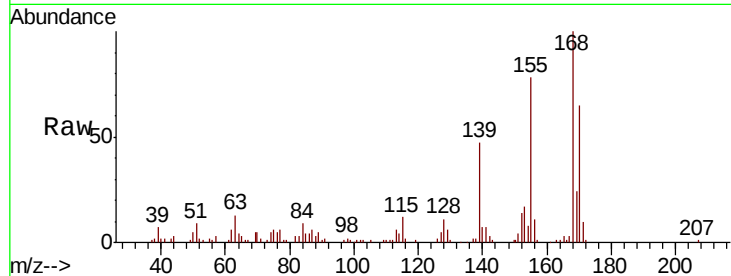
#53
Dibenzenofuran
Concen: 3.569 ng/ul m
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BN009552.D
Acq: 04 Feb 2020 05:21

Instrument :
BNA_N
ClientSampleId :
GAT02DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	47.1	29.5	44.3#

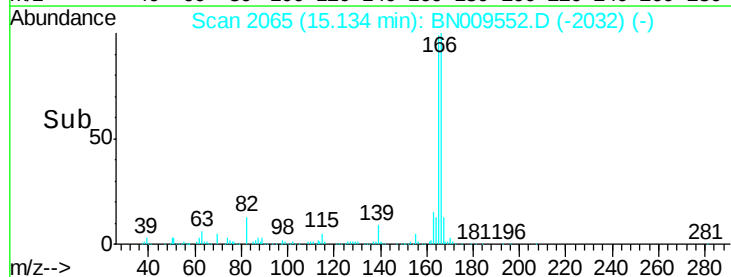
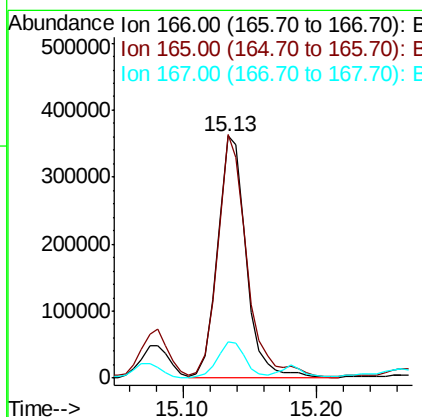
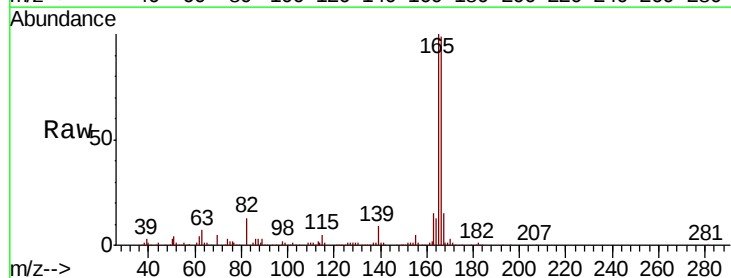
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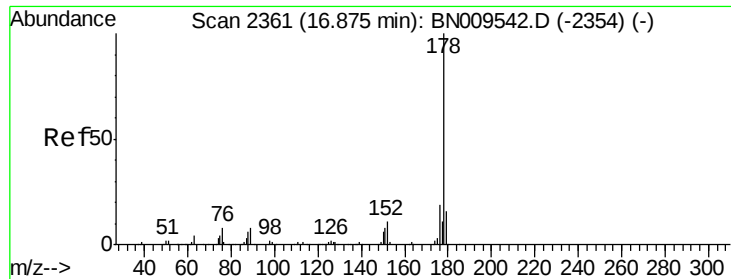
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#58
Fluorene
Concen: 19.217 ng/ul
RT: 15.13 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BN009552.D
Acq: 04 Feb 2020 05:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	76.7	115.1
167	15.2	11.1	16.7





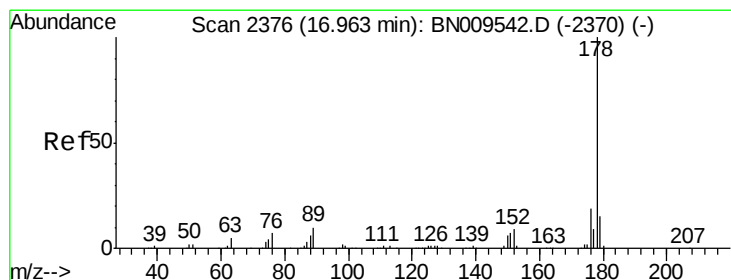
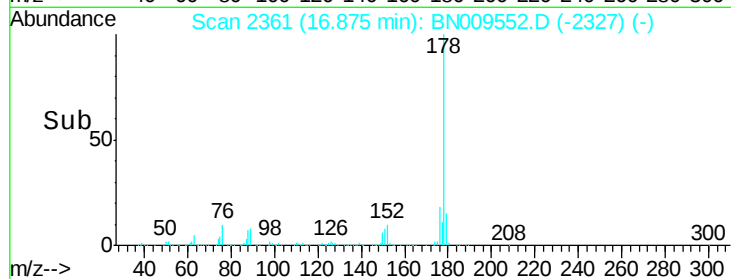
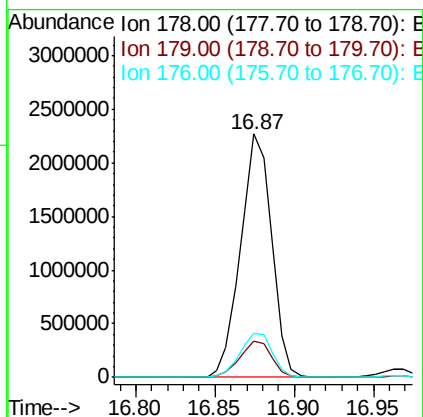
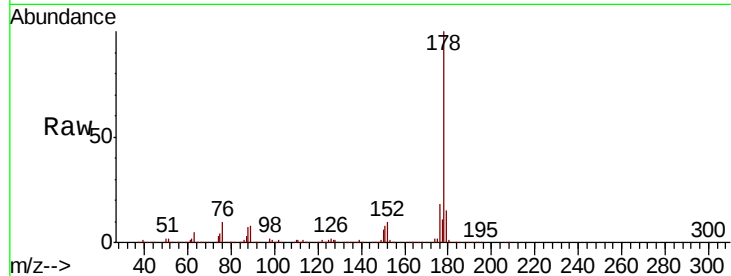
#69
Phenanthrene
Concen: 71.112 ng/ul
RT: 16.87 min Scan# 2361
Delta R.T. -0.00 min
Lab File: BN009552.D
Acq: 04 Feb 2020 05:21

Instrument :
BNA_N
ClientSampleId :
GAT02DL

Tot Ion:178 Resp: 3087045
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.2
176 18.1 14.8 22.2

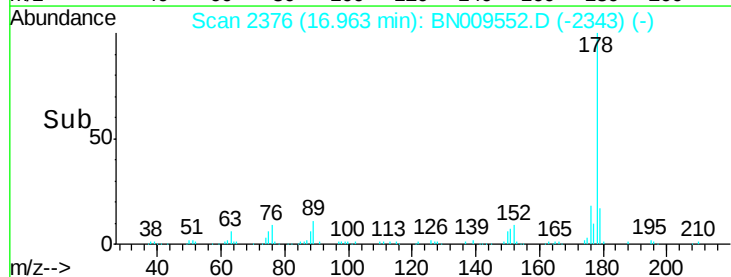
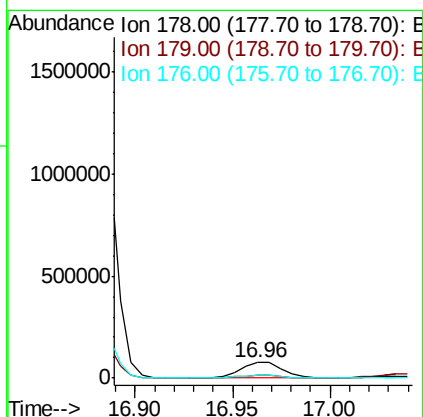
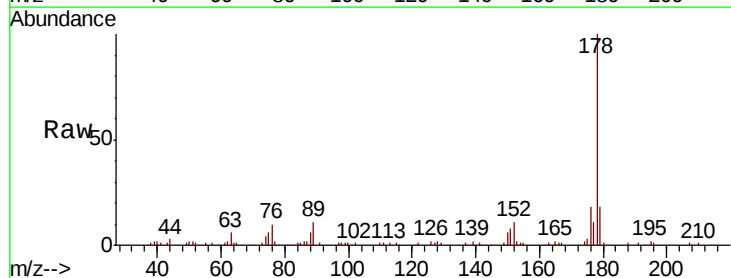
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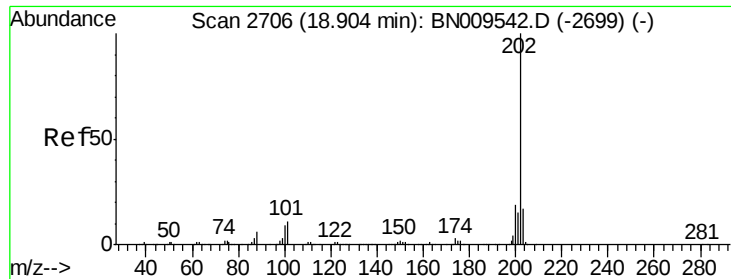
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#71
Anthracene
Concen: 2.534 ng/ul
RT: 16.96 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BN009552.D
Acq: 04 Feb 2020 05:21

Tgt Ion:178 Resp: 111609
Ion Ratio Lower Upper
178 100
179 18.0 12.1 18.1
176 18.1 14.6 21.8





#76

Fluoranthene

Concen: 11.450 ng/ul

RT: 18.90 min Scan# 2705

Delta R.T. -0.01 min

Lab File: BN009552.D

Acq: 04 Feb 2020 05:21

Instrument :

BNA_N

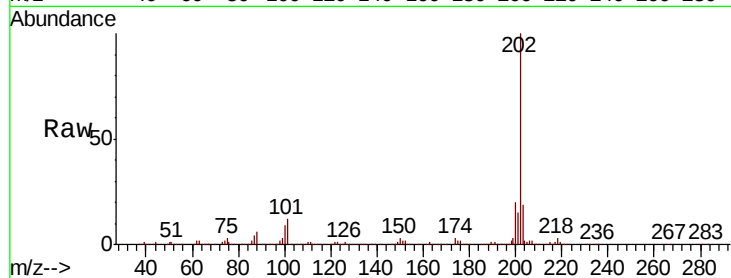
ClientSampled :

GAT02DL

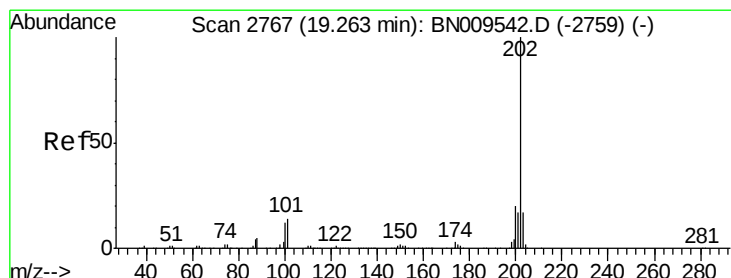
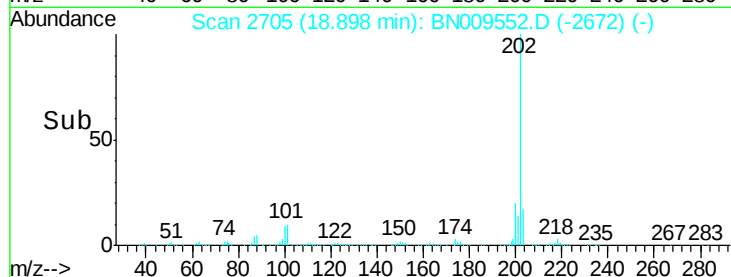
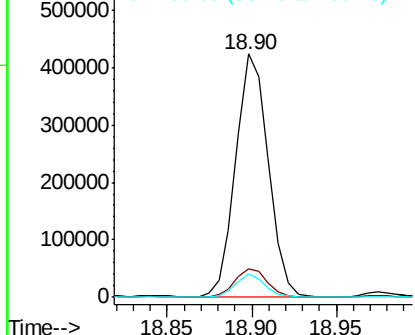
Tot Ion:	202	Resp:	567315
Ion Ratio	Lower	Upper	
202	100		
101	11.8	9.2	13.8
100	9.4	6.9	10.3

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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



#79

Pyrene

Concen: 15.943 ng/ul

RT: 19.26 min Scan# 2767

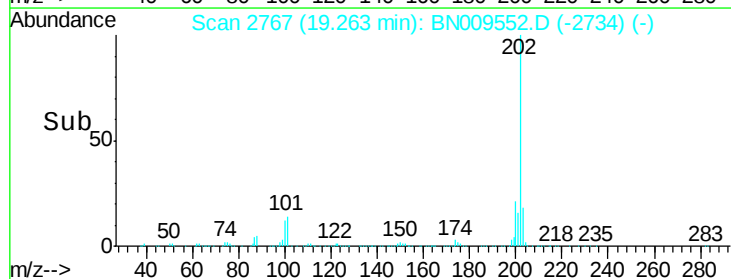
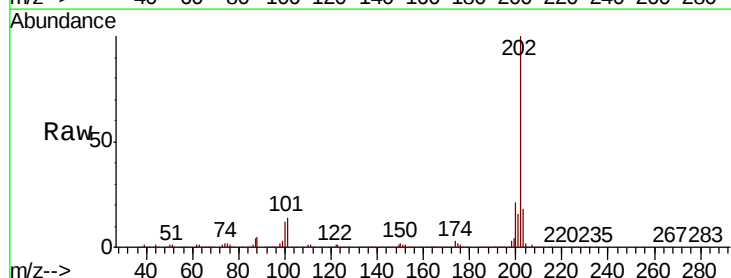
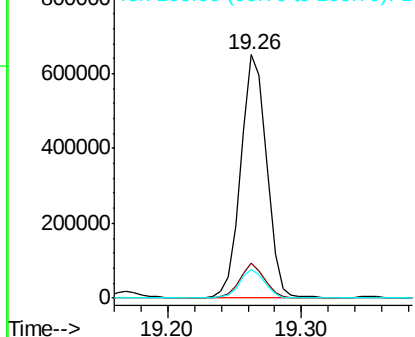
Delta R.T. -0.01 min

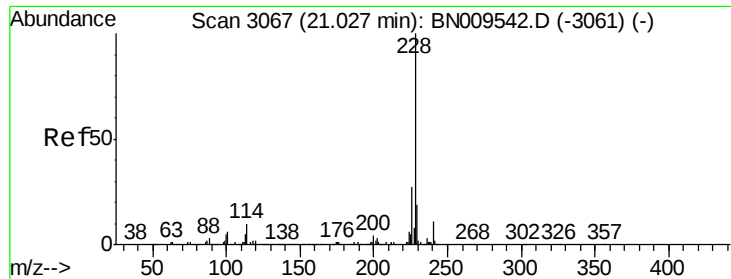
Lab File: BN009552.D

Acq: 04 Feb 2020 05:21

Tgt Ion:	202	Resp:	868111
Ion Ratio	Lower	Upper	
202	100		
101	14.1	10.3	15.5
100	11.5	8.4	12.6

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





#82

Benzo(a)anthracene

Concen: 5.279 ng/ul

RT: 21.03 min Scan# 3067

Delta R.T. -0.00 min

Lab File: BN009552.D

Acq: 04 Feb 2020 05:21

Instrument :

BNA_N

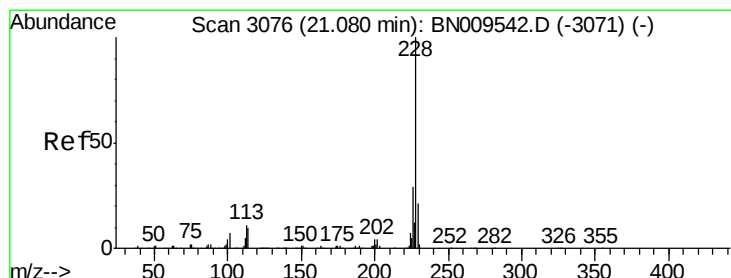
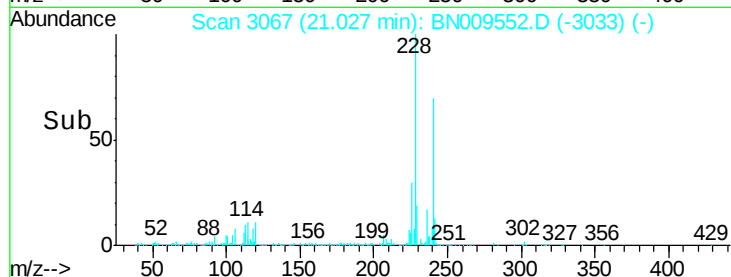
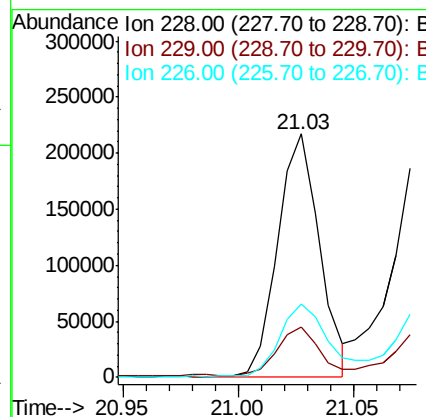
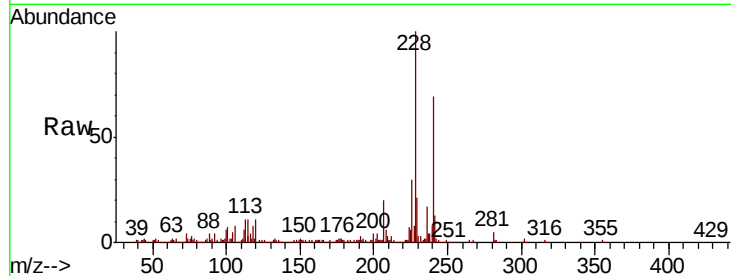
ClientSampled :

GAT02DL

Tot Ion:	228	Resp:	271850
Ion Ratio		Lower	Upper
228	100		
229	20.6	15.0	22.4
226	30.0	20.9	31.3

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#84

Chrysene

Concen: 5.443 ng/ul

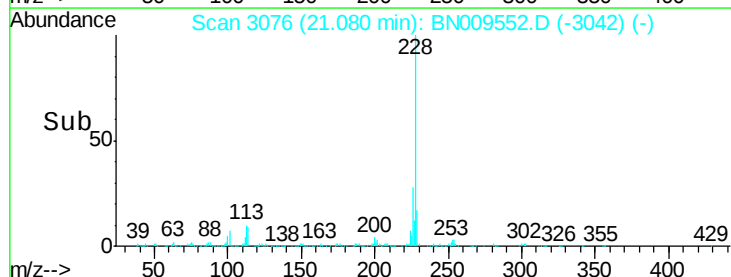
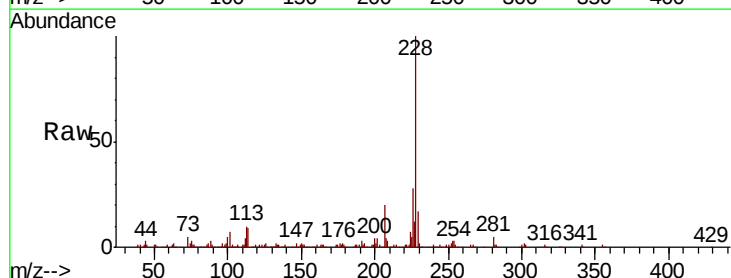
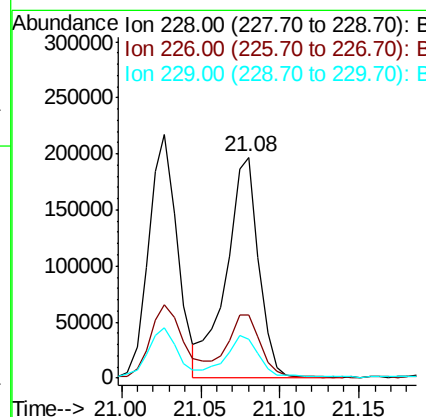
RT: 21.08 min Scan# 3076

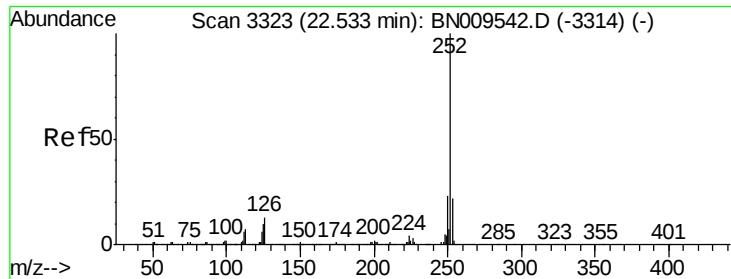
Delta R.T. -0.00 min

Lab File: BN009552.D

Acq: 04 Feb 2020 05:21

Tgt Ion:	228	Resp:	279088
Ion Ratio		Lower	Upper
228	100		
226	28.4	23.5	35.3
229	17.3	15.8	23.8





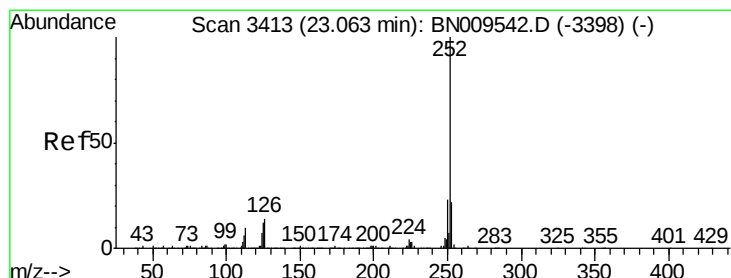
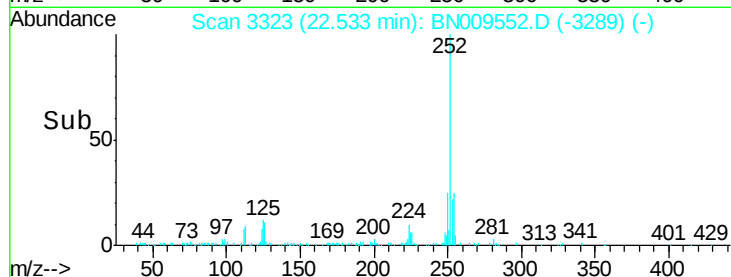
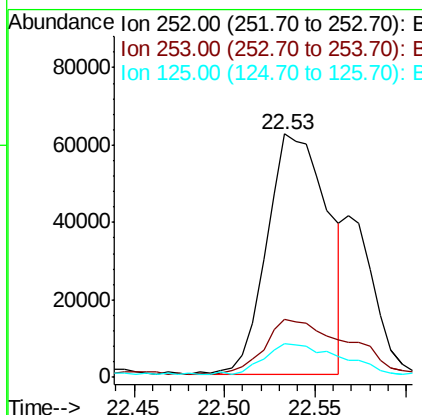
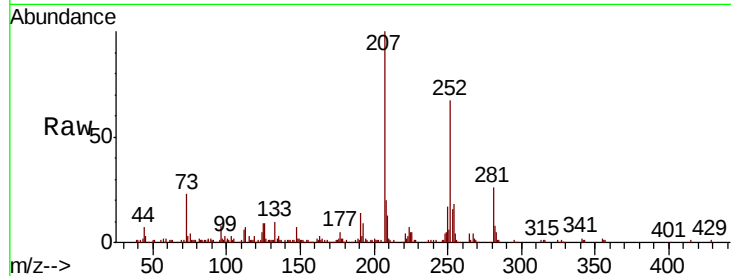
#87
Benzo(b)fluoranthene
Concen: 2.897 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.00 min
Lab File: BN009552.D
Acq: 04 Feb 2020 05:21

Instrument :
BNA_N
ClientSampleId :
GAT02DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	13.6	8.2	12.2

Manual Integrations
APPROVED

mohammad
2/4/2020 6:15:13 PM



#90
Benzo(a)pyrene
Concen: 1.227 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN009552.D
Acq: 04 Feb 2020 05:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	15.8	23.8
125	13.8	8.7	13.1

