

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009559.D
 Acq On : 04 Feb 2020 12:02
 Operator : CG/JU
 Sample : L1271-05ME
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GASZ6ME

Manual Integrations
 APPROVED

mohammad
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Quant Time: Feb 04 12:48:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 16:39:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	119272	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	502069	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	343476	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	730270	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	728526	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	810052	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	9628	3.31	ng/uL	0.00
5) Phenol-d5	6.64	99	181816	17.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	134150	19.20	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	146285	19.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	148796	17.96	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	72452	19.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	76471	18.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	146033	18.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	205667	24.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	516767	20.61	ng/ul	0.00
46) Acenaphthylene-d8	13.77	160	616836	20.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	98149	20.73	ng/ul	0.00
57) Fluorene-d10	15.08	176	489337	22.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	76945	16.87	ng/ul	0.00
70) Anthracene-d10	16.93	188	765386	23.07	ng/ul	0.00
78) Pyrene-d10	19.24	212	926085	24.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	982993	24.65	ng/ul	0.00

Target Compounds

					Ovalue
14) Acetophenone	8.26	105	44749	3.376	ng/ul 99
28) Naphthalene	10.24	128	388662	14.275	ng/ul 99
34) 2-Methylnaphthalene	11.88	142	9290405	487.592	ng/ul 97
40) 1,1'-Biphenyl	12.90	154	821194	30.707	ng/ul 98
47) Acenaphthylene	13.80	152	1995279	60.181	ng/ul 98
49) Acenaphthene	14.14	153	215938	9.581	ng/ul 98
53) Dibenzofuran	14.48	168	338301	10.779	ng/ul 92
58) Fluorene	15.13	166	1328617	50.652	ng/ul 100
64) N-Nitrosodiphenylamine	15.36	169	26506	1.214	ng/ul 90
69) Phenanthrene	16.88	178	8152901	195.764	ng/ul 97
71) Anthracene	16.96	178	256948	6.081	ng/ul 98
76) Fluoranthene	18.90	202	1486426	31.272	ng/ul 100
79) Pyrene	19.27	202	2357996	44.338	ng/ul 100
82) Benzo(a)anthracene	21.03	228	715075	14.216	ng/ul 95
84) Chrysene	21.07	228	747816	14.934	ng/ul 99
87) Benzo(b)fluoranthene	22.54	252	429274	8.470	ng/ul 96
88) Benzo(k)fluoranthene	22.57	252	89906m	1.801	ng/ul
90) Benzo(a)pyrene	23.06	252	120022	2.556	ng/ul 96
91) Indeno(1,2,3-cd)pyrene	25.21	276	137734	2.467	ng/ul 95
92) Dibenz(a,h)anthracene	25.21	278	54669	1.163	ng/ul# 90
93) Benzo(a,h,i)perylene	25.84	276	106248	2.271	ng/ul 96

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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

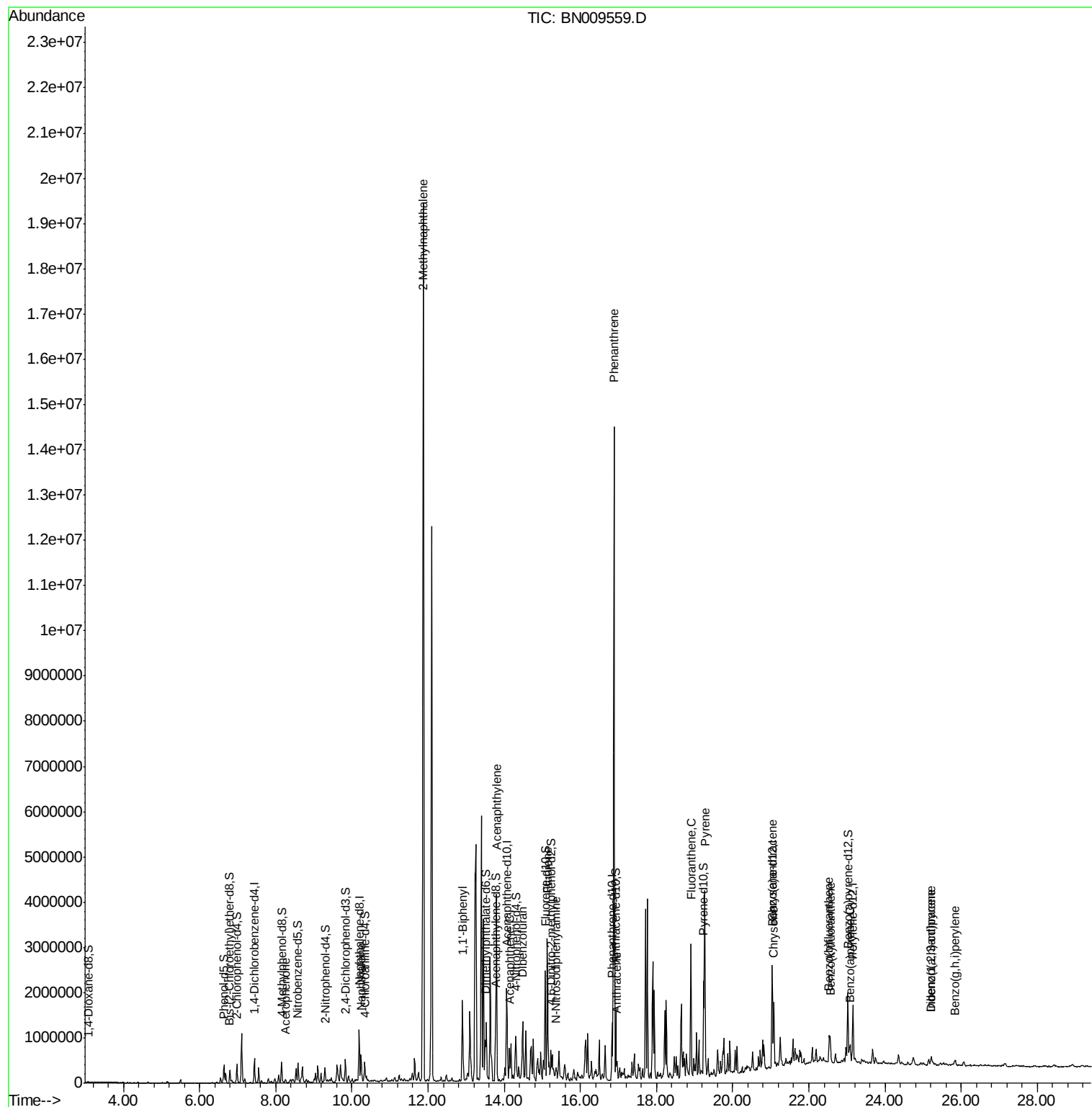
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
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Operator : CG/JU
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ALS Vial : 35 Sample Multiplier: 1

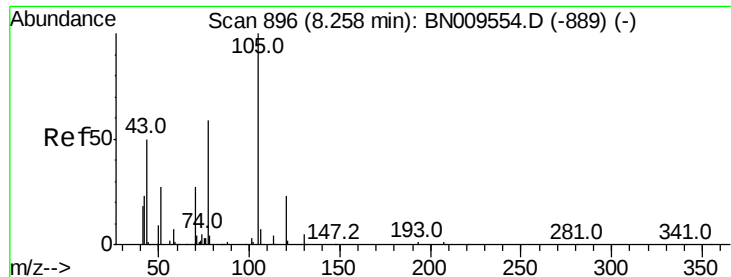
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#14

Acetophenone

Concen: 3.376 ng/ul

RT: 8.26 min Scan# 896

Delta R.T. 0.00 min

Lab File: BN009559.D

Acq: 04 Feb 2020 12:02

Instrument :

BNA_N

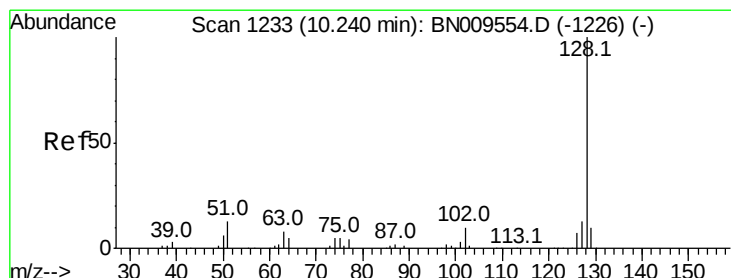
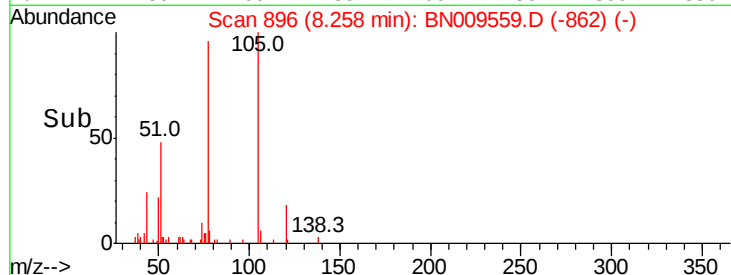
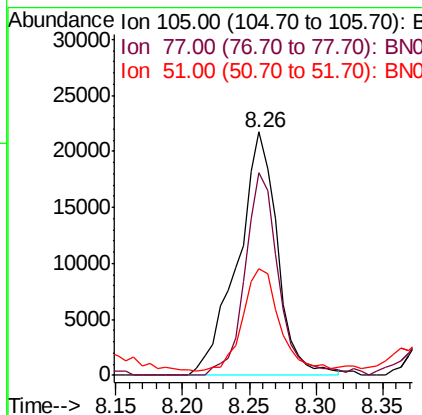
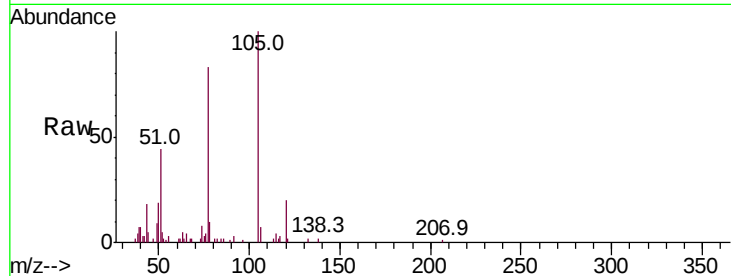
ClientSampleId :

GASZ6ME

Tot Ion:	105	Resp:	44749
Ion	Ratio	Lower	Upper
105	100		
77	83.5	67.7	101.5
51	43.9	34.3	51.5

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#28

Naphthalene

Concen: 14.275 ng/ul

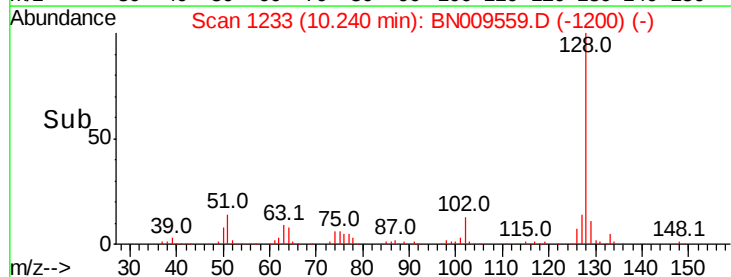
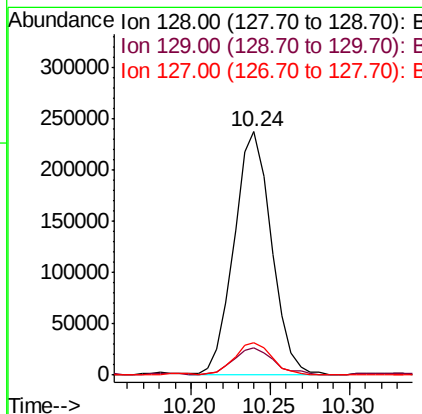
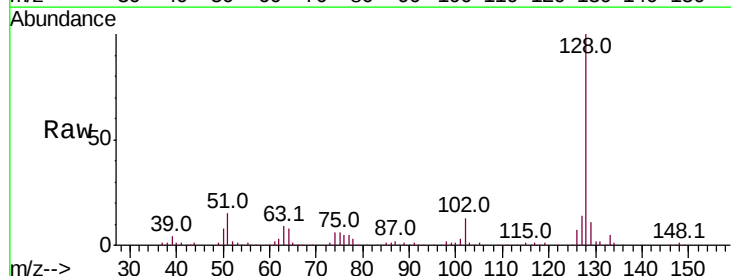
RT: 10.24 min Scan# 1233

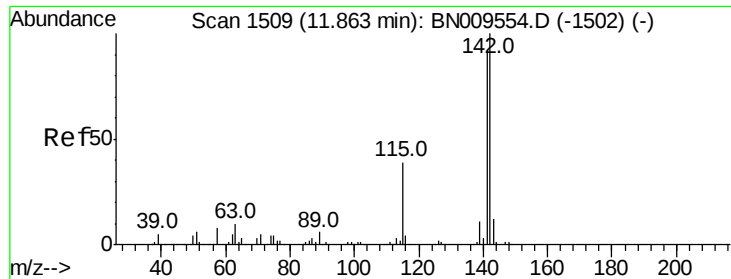
Delta R.T. -0.01 min

Lab File: BN009559.D

Acq: 04 Feb 2020 12:02

Tgt Ion:	128	Resp:	388662
Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	13.6	10.7	16.1





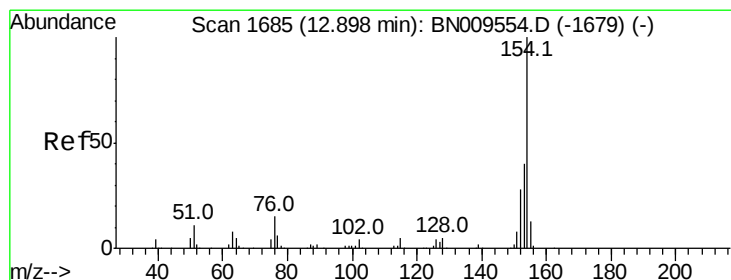
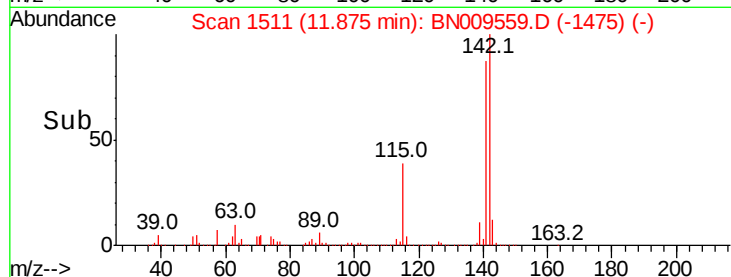
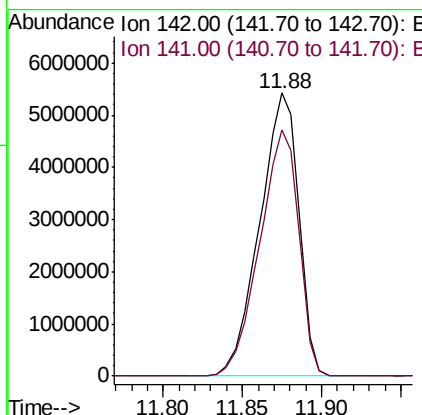
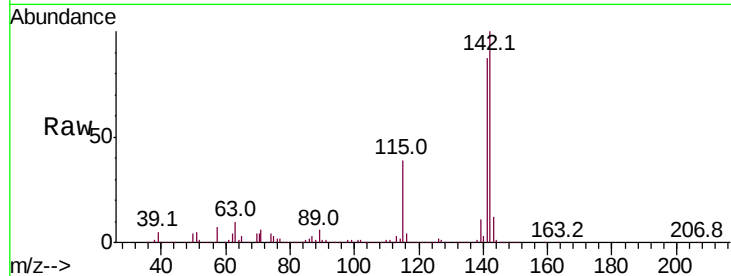
#34
 2-Methylnaphthalene
 Concen: 487.592 ng/ul
 RT: 11.88 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BN009559.D
 Acq: 04 Feb 2020 12:02

Instrument :
 BNA_N
 ClientSampleId :
 GASZ6ME

Tot Ion:142 Resp: 9290405
 Ion Ratio Lower Upper
 142 100
 141 86.9 71.5 107.3

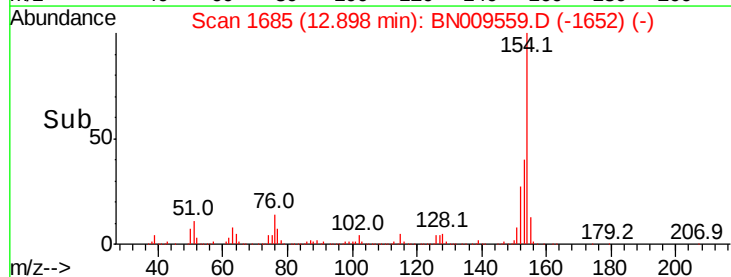
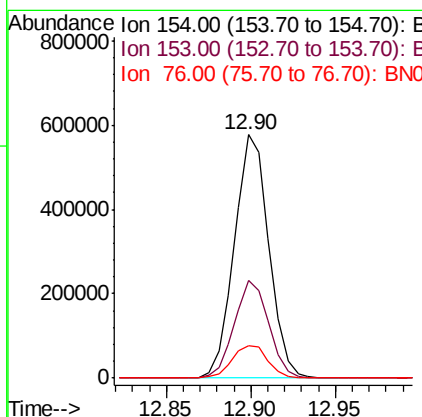
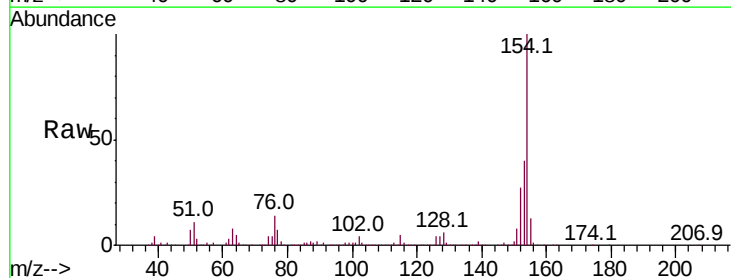
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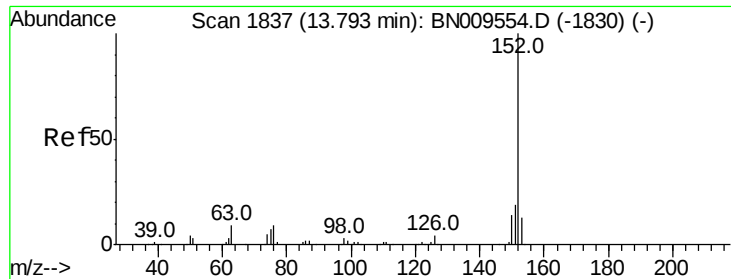
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#40
 1,1'-Biphenyl
 Concen: 30.707 ng/ul
 RT: 12.90 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BN009559.D
 Acq: 04 Feb 2020 12:02

Tgt Ion:154 Resp: 821194
 Ion Ratio Lower Upper
 154 100
 153 40.2 31.2 46.8
 76 13.6 11.4 17.2





#47

Acenaphthylene

Concen: 60.181 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BN009559.D

Acq: 04 Feb 2020 12:02

Instrument :

BNA_N

ClientSampleId :

GASZ6ME

Tot Ion:152 Resp: 1995279

Ion Ratio Lower Upper

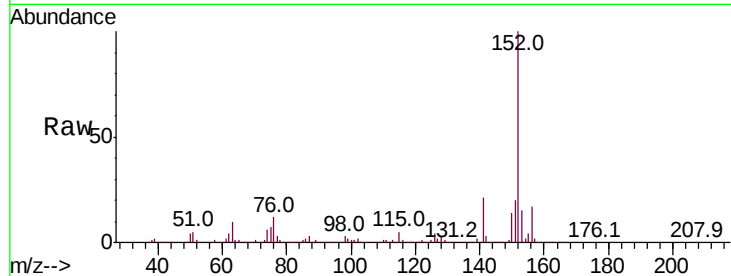
152 100

151 20.0 16.2 24.2

153 14.8 10.6 15.8

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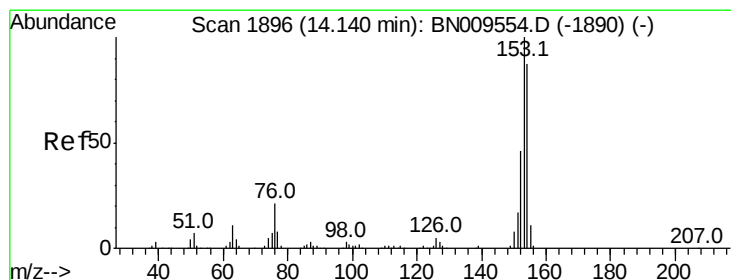
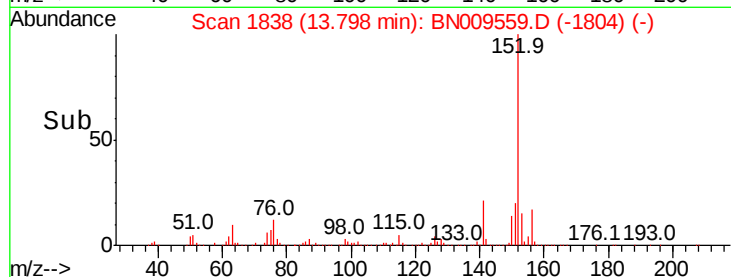
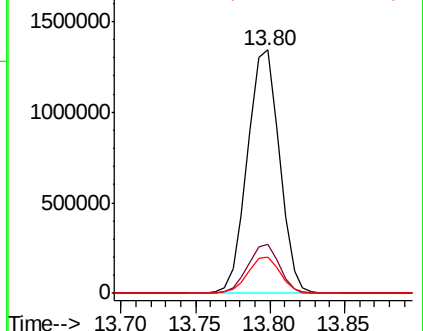
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 9.581 ng/ul

RT: 14.14 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BN009559.D

Acq: 04 Feb 2020 12:02

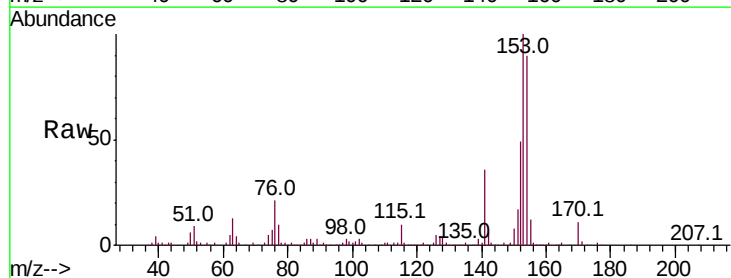
Tgt Ion:153 Resp: 215938

Ion Ratio Lower Upper

153 100

152 48.7 37.3 55.9

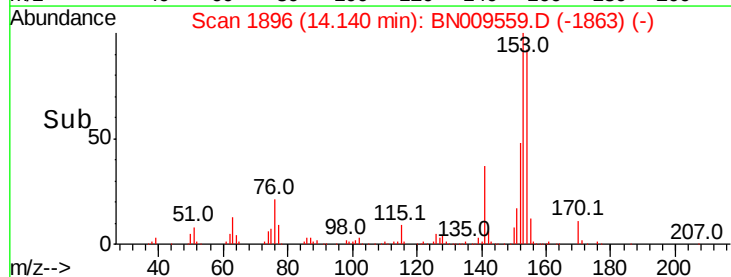
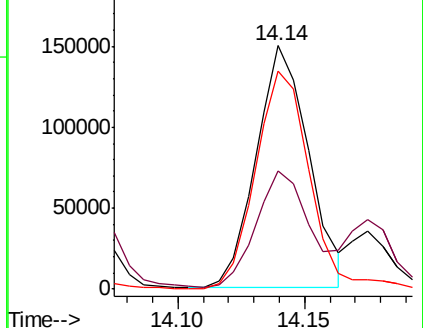
154 89.6 70.2 105.2

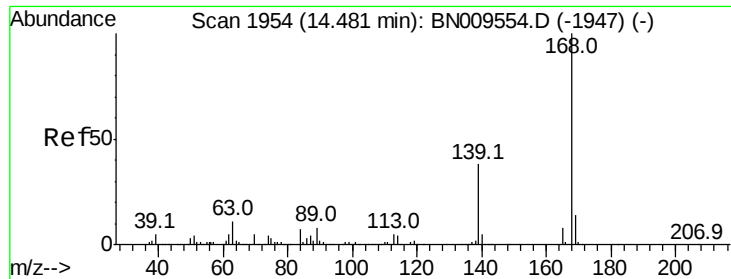


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





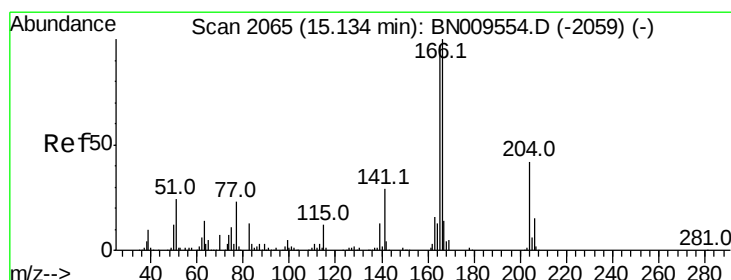
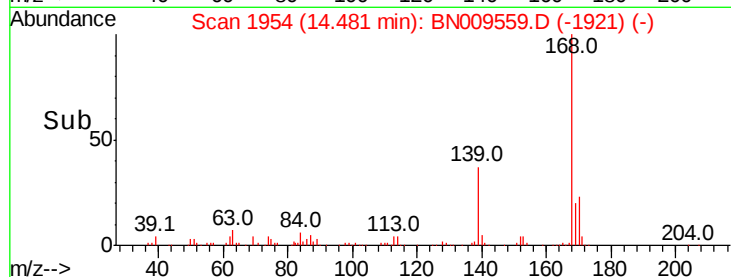
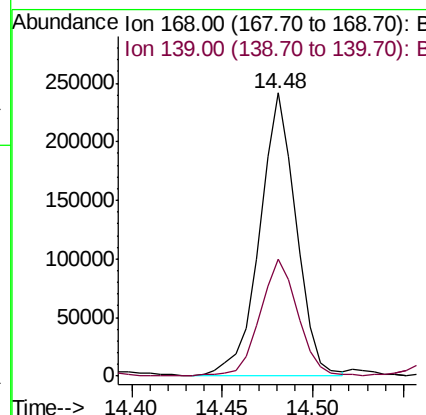
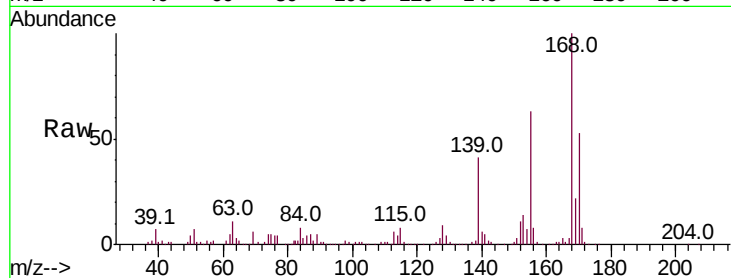
#53
Dibenzenofuran
Concen: 10.779 ng/ul
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BN009559.D
Acq: 04 Feb 2020 12:02

Instrument :
BNA_N
ClientSampled :
GASZ6ME

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.4	29.5	44.3

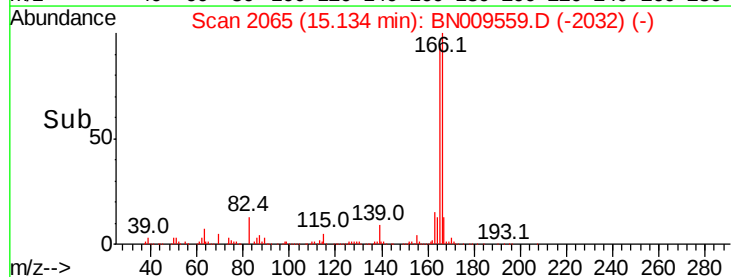
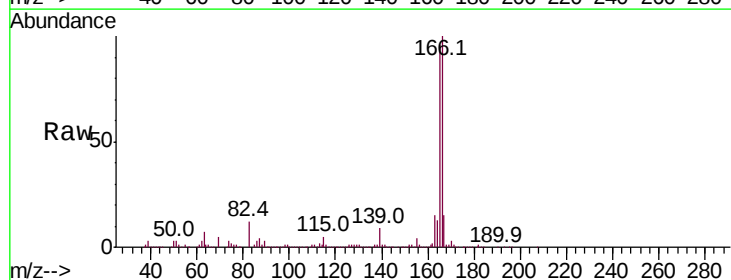
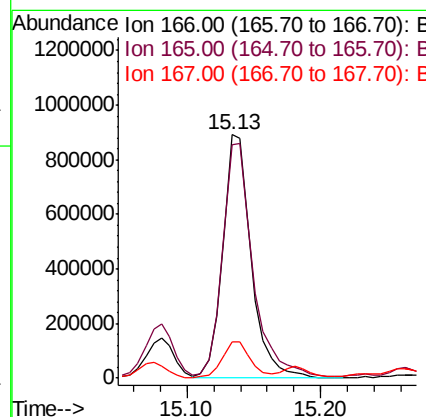
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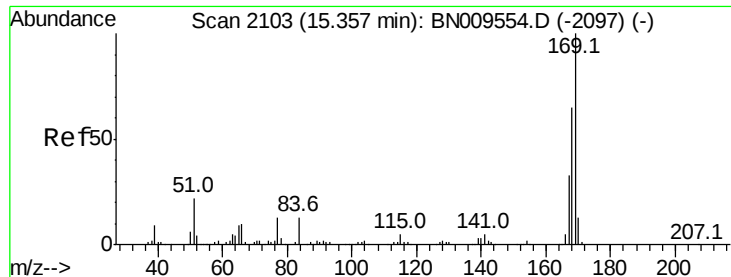
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#58
Fluorene
Concen: 50.652 ng/ul
RT: 15.13 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BN009559.D
Acq: 04 Feb 2020 12:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.8	76.7	115.1
167	14.9	11.1	16.7





#64

N-Nitrosodiphenylamine

Concen: 1.214 ng/ul

RT: 15.36 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BN009559.D

Acq: 04 Feb 2020 12:02

Instrument :

BNA_N

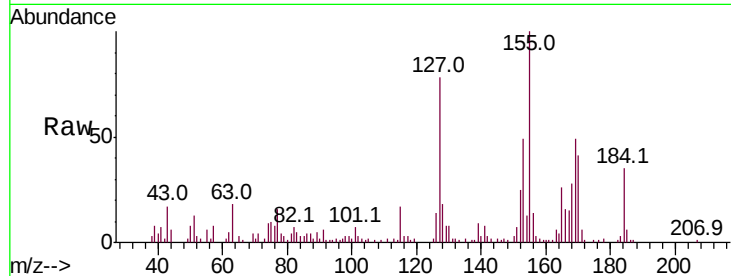
ClientSampled :

GASZ6ME

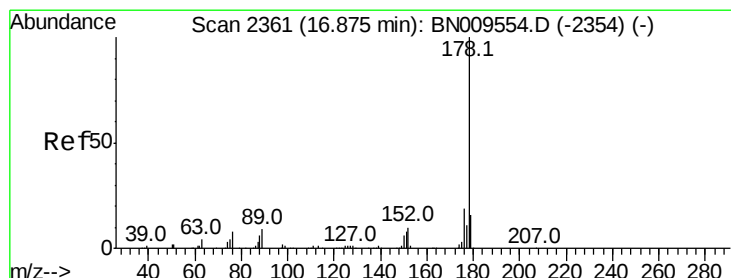
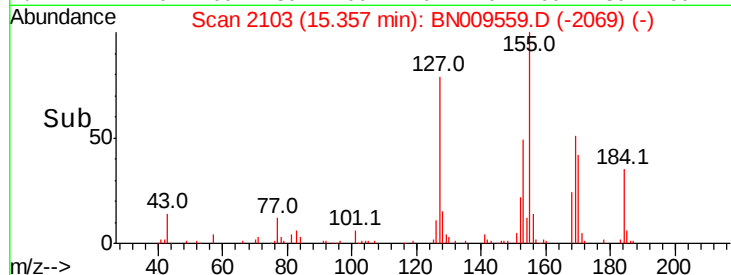
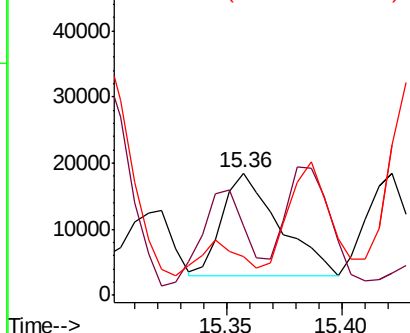
Tot Ion:	169	Resp:	26506
Ion Ratio	Lower	Upper	
169	100		
168	56.5	53.8	80.8
167	31.7	27.5	41.3

Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 195.764 ng/ul

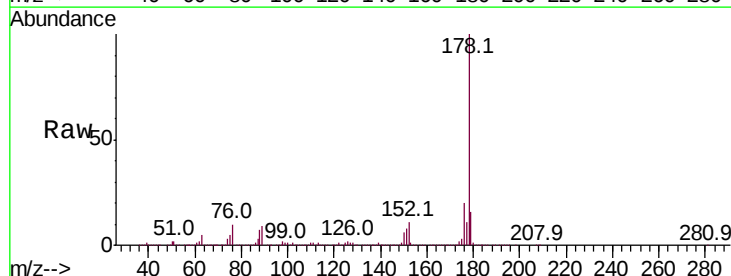
RT: 16.88 min Scan# 2362

Delta R.T. 0.01 min

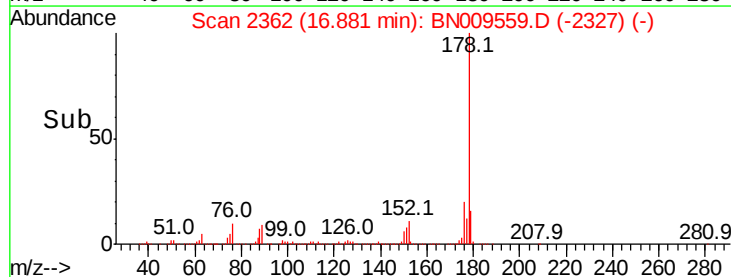
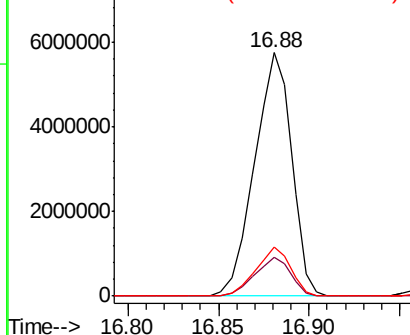
Lab File: BN009559.D

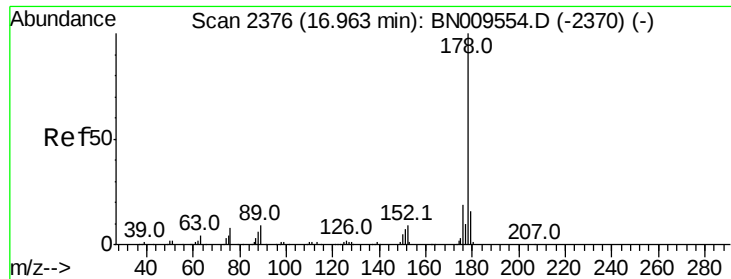
Acq: 04 Feb 2020 12:02

Tgt Ion:	178	Resp:	8152901
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.2	18.2
176	20.1	14.8	22.2



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





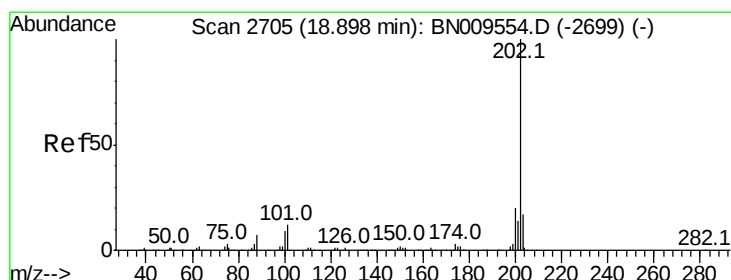
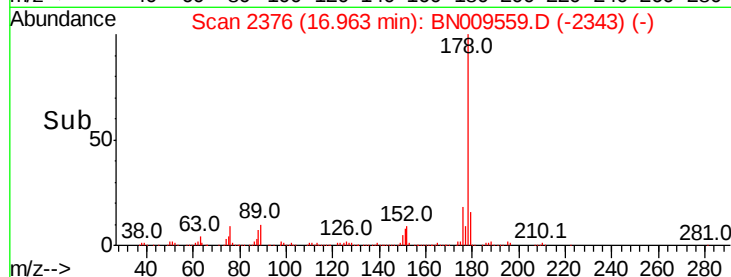
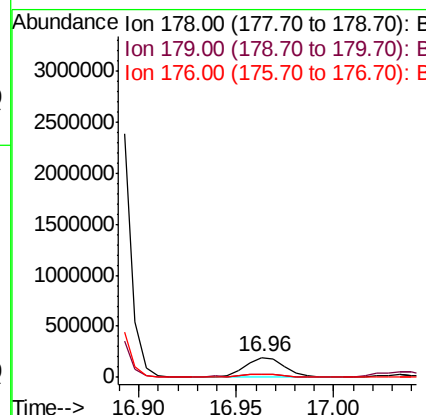
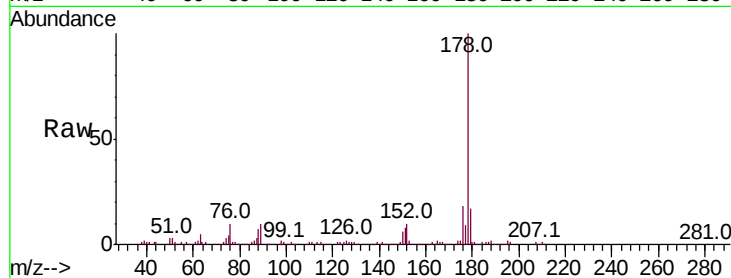
#71
 Anthracene
 Concen: 6.081 ng/ul
 RT: 16.96 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BN009559.D
 Acq: 04 Feb 2020 12:02

Instrument :
 BNA_N
 ClientSampleId :
 GASZ6ME

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.1	18.1
176	18.1	14.6	21.8

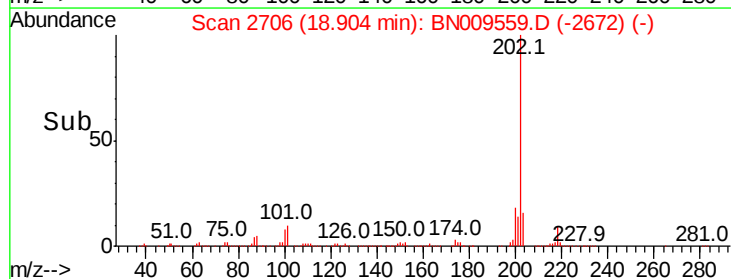
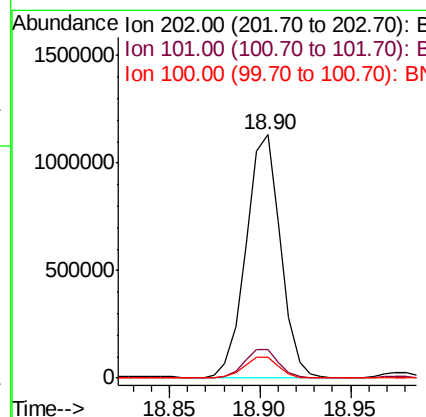
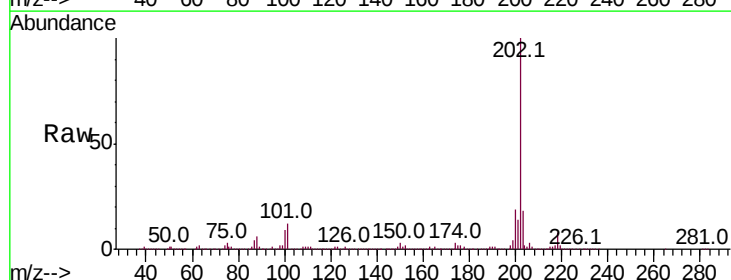
Manual Integrations
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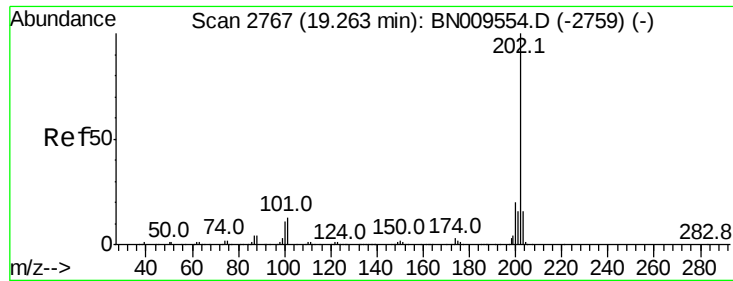
mohammad
 2/4/2020 6:15:30 PM



#76
 Fluoranthene
 Concen: 31.272 ng/ul
 RT: 18.90 min Scan# 2706
 Delta R.T. 0.00 min
 Lab File: BN009559.D
 Acq: 04 Feb 2020 12:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.2	13.8
100	8.5	6.9	10.3





#79

Pvrene

Concen: 44.338 ng/ul

RT: 19.27 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BN009559.D

Acq: 04 Feb 2020 12:02

Instrument :

BNA_N

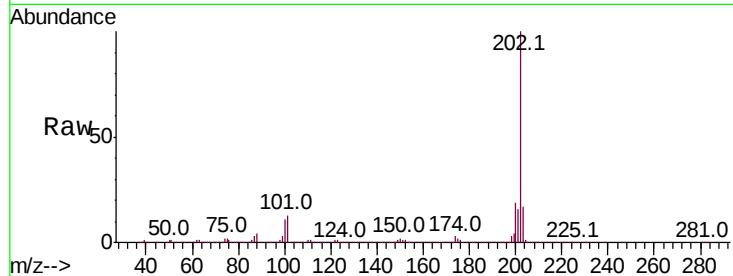
ClientSampleId :

GASZ6ME

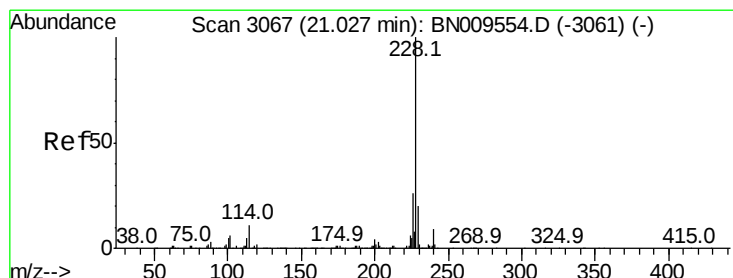
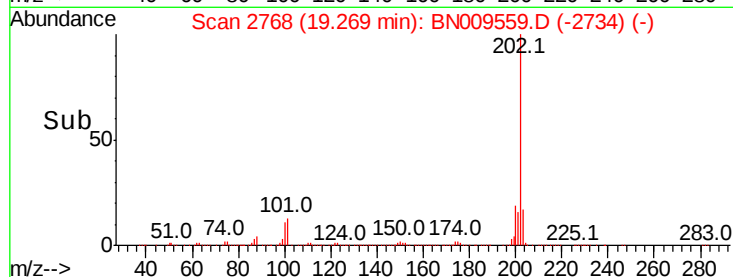
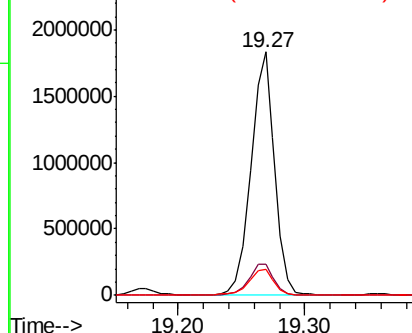
Tot Ion:	202	Resp:	2357996
Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.3	15.5
100	10.5	8.4	12.6

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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): E



#82

Benzo(a)anthracene

Concen: 14.216 ng/ul

RT: 21.03 min Scan# 3067

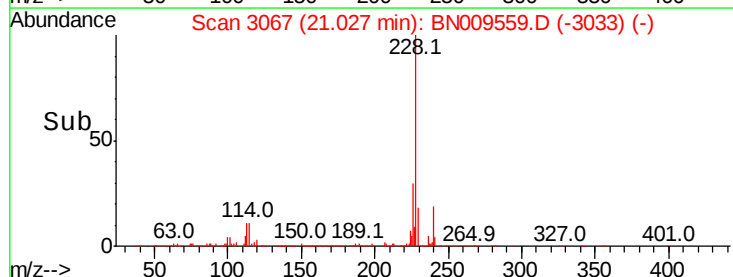
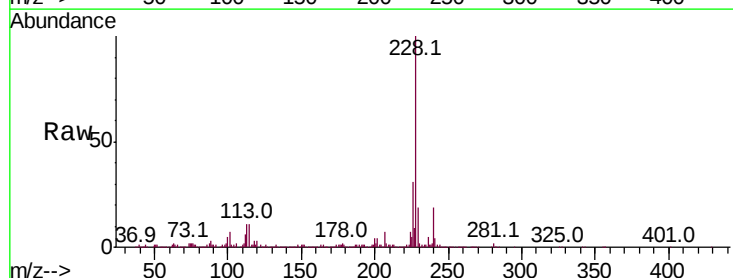
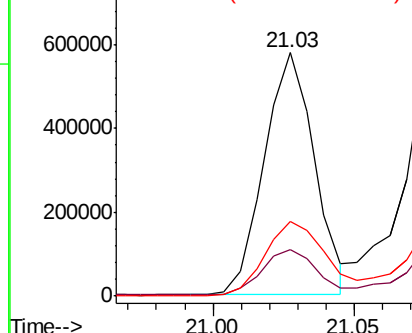
Delta R.T. 0.00 min

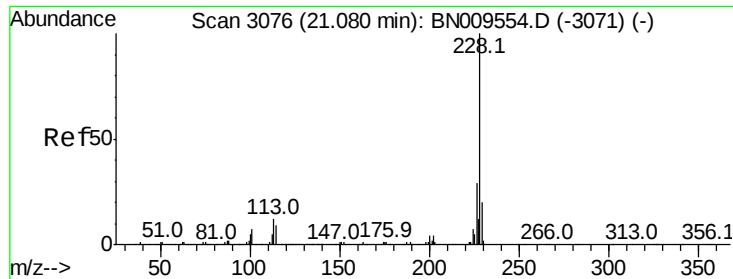
Lab File: BN009559.D

Acq: 04 Feb 2020 12:02

Tgt Ion:	228	Resp:	715075
Ion	Ratio	Lower	Upper
228	100		
229	19.1	15.0	22.4
226	30.6	20.9	31.3

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





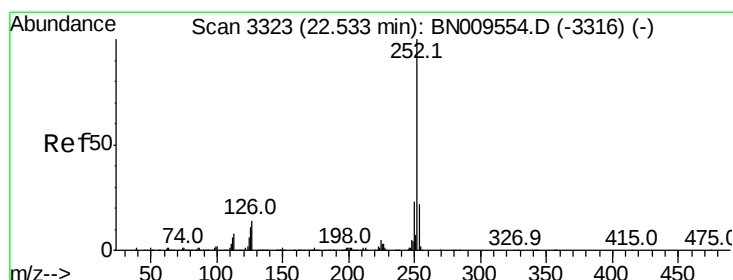
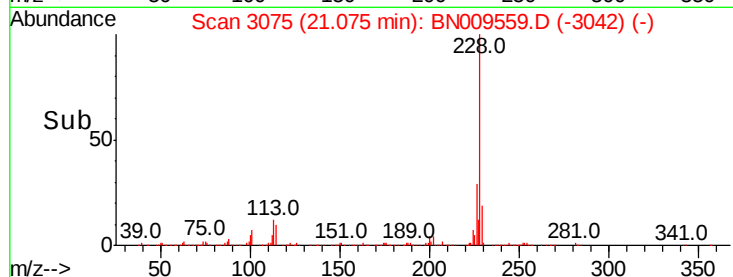
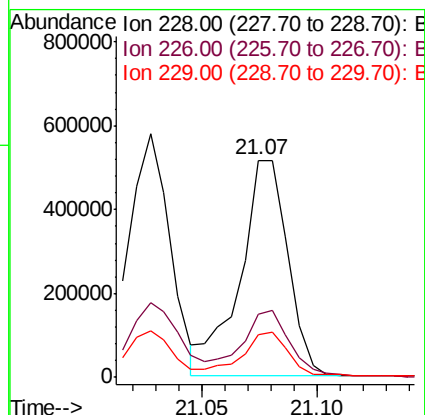
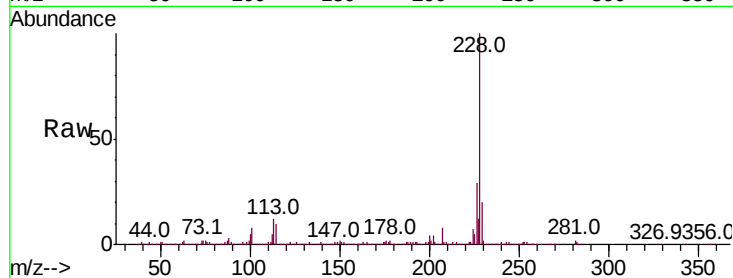
#84
Chrysene
Concen: 14.934 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009559.D
Acq: 04 Feb 2020 12:02

Instrument :
BNA_N
ClientSampleId :
GASZ6ME

Tot Ion:	228	Resp:	747816
Ion Ratio	Lower	Upper	
228	100		
226	28.8	23.5	35.3
229	19.8	15.8	23.8

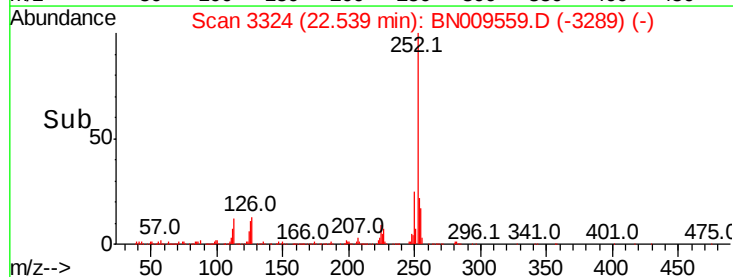
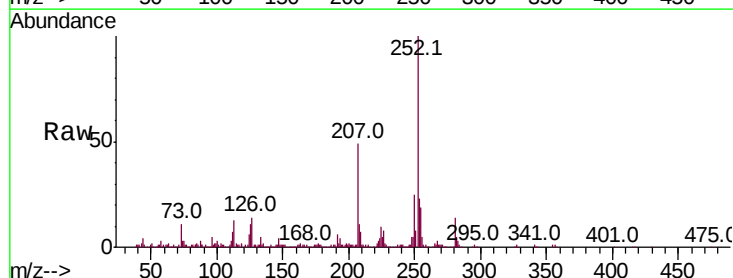
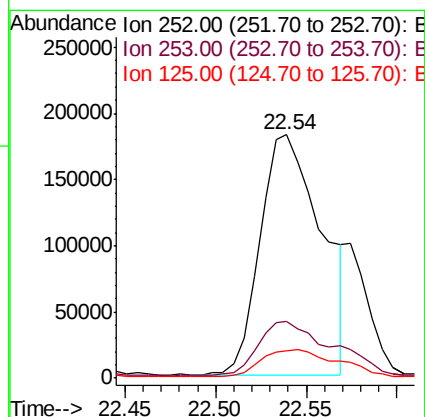
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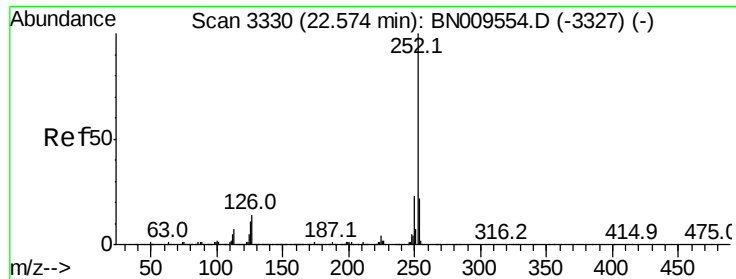
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#87
Benzo(b)fluoranthene
Concen: 8.470 ng/ul
RT: 22.54 min Scan# 3324
Delta R.T. 0.01 min
Lab File: BN009559.D
Acq: 04 Feb 2020 12:02

Tgt Ion:	252	Resp:	429274
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.0	25.6
125	11.5	8.2	12.2





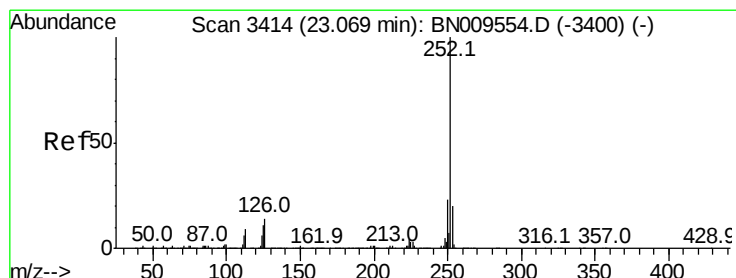
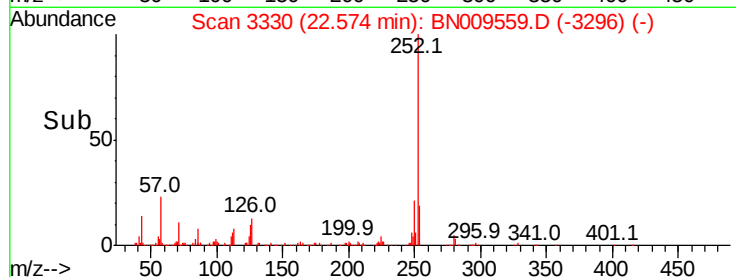
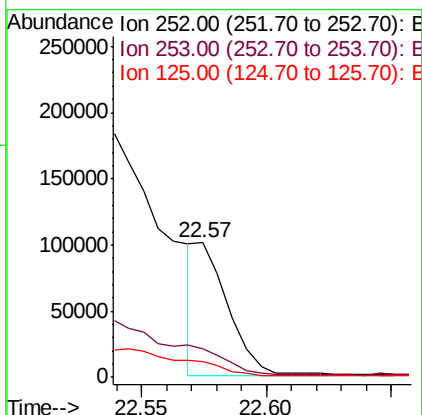
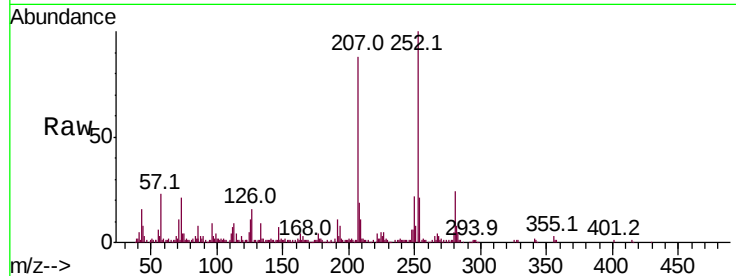
#88
Benzo(k)fluoranthene
Concen: 1.801 ng/ul m
RT: 22.57 min Scan# 3330
Delta R.T. 0.00 min
Lab File: BN009559.D
Acq: 04 Feb 2020 12:02

Instrument :
BNA_N
ClientSampleId :
GASZ6ME

Tot Ion:252	Resp:	89906
Ion Ratio	Lower	Upper
252 100		
253 21.2	17.0	25.4
125 11.3	8.0	12.0

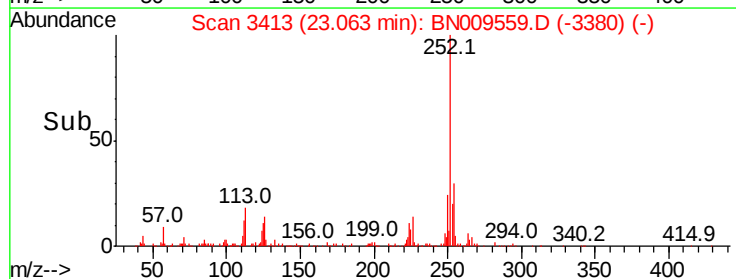
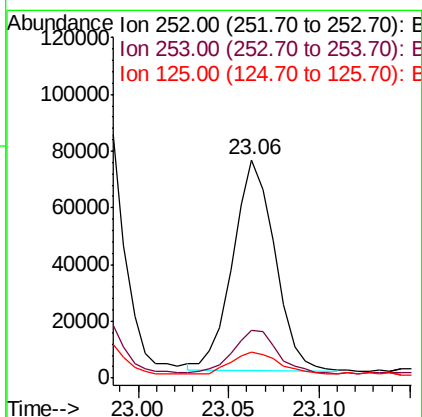
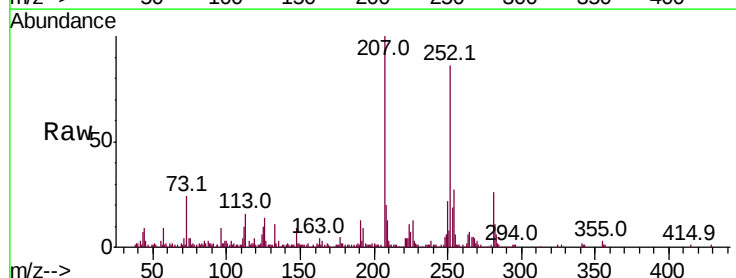
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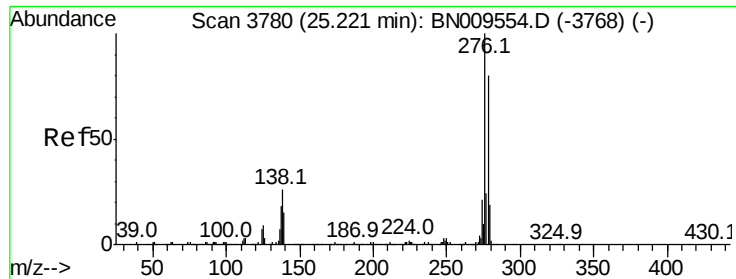
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#90
Benzo(a)pyrene
Concen: 2.556 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN009559.D
Acq: 04 Feb 2020 12:02

Tgt Ion:252	Resp:	120022
Ion Ratio	Lower	Upper
252 100		
253 21.8	15.8	23.8
125 12.2	8.7	13.1





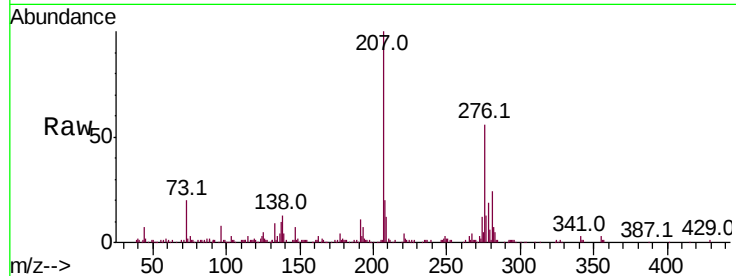
#91
Indeno(1,2,3-cd)pyrene
Concen: 2.467 ng/ul
RT: 25.21 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BN009559.D
Acq: 04 Feb 2020 12:02

Instrument :
BNA_N
ClientSampleId :
GASZ6ME

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	20.3	30.5
277	23.6	21.2	31.8

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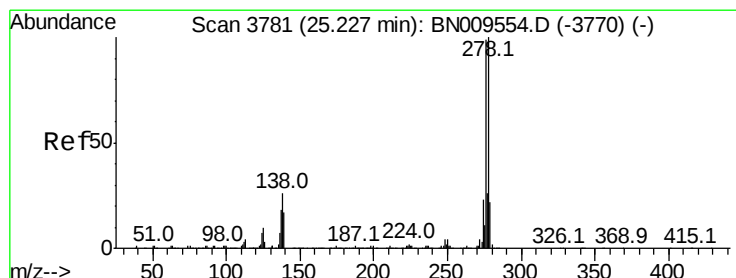
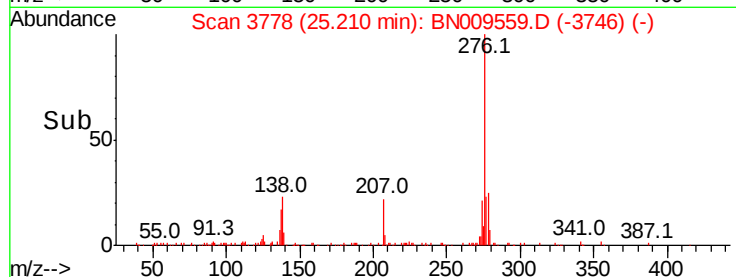
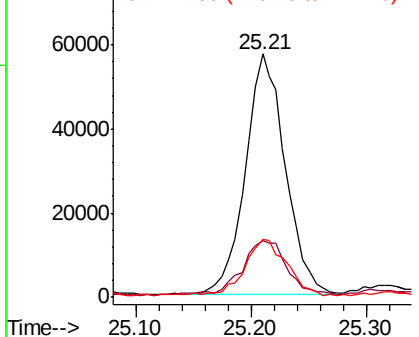


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#92
Dibenzo(a,h)anthracene
Concen: 1.163 ng/ul
RT: 25.21 min Scan# 3778
Delta R.T. -0.02 min
Lab File: BN009559.D
Acq: 04 Feb 2020 12:02

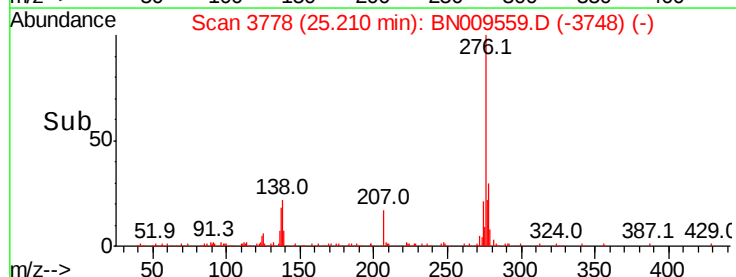
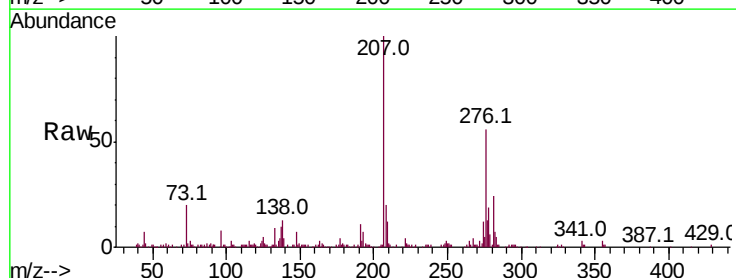
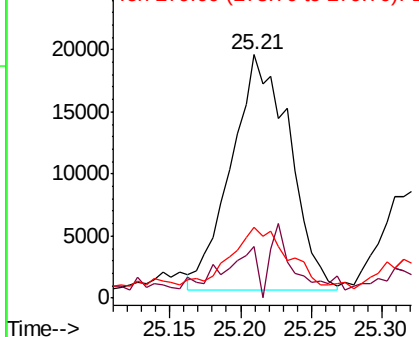
Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.1	12.7	19.1#
279	29.2	19.8	29.8

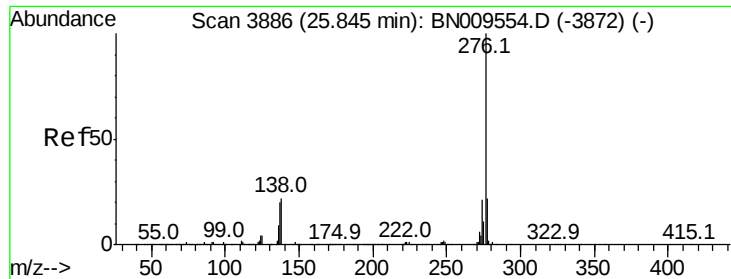
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#93

Benzo(a,h,i)perylene

Concen: 2.271 ng/ul

RT: 25.84 min Scan# 3885

Delta R.T. -0.01 min

Lab File: BN009559.D

Acq: 04 Feb 2020 12:02

Instrument :

BNA_N

ClientSampleId :

GASZ6ME

Tot Ion:	276	Resp:	106248
Ion Ratio	Lower	Upper	
276	100		
138	21.0	16.0	24.0
277	23.5	17.0	25.6

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