

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
 Data File : BN009522.D
 Acq On : 31 Jan 2020 21:48
 Operator : CG/JU
 Sample : L1271-05 10X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GASZ6

Manual Integrations
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Quant Time: Feb 01 02:11:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 31 22:58:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	191515	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.20	136	761485	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.09	164	517438	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	927264	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	799836	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	881470	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	622	0.13	ng/uL	0.02
5) Phenol-d5	6.66	99	25866	1.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	19617	1.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	20192	1.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	22182	1.64	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	16330	2.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	10780	1.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	21591	1.88	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.52	166	83365	2.18	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	83656	1.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	20794	2.92	ng/ul	0.01
57) Fluorene-d10	15.09	176	63232	1.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.25	200	7777	1.38	ng/ul	0.02
70) Anthracene-d10	16.95	188	90828m	2.12	ng/ul	0.00
78) Pyrene-d10	19.25	212	96456	2.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	94469	2.12	ng/ul	0.00

Target Compounds

					Ovalue	
14) Acetophenone	8.27	105	153991	7.051	ng/ul	97
24) 2,4-Dimethylphenol	9.42	107	16715	1.139	ng/ul#	58
28) Naphthalene	10.26	128	1662169	40.562	ng/ul	97
34) 2-Methylnaphthalene	11.90	142	26681242m	945.776	ng/ul	
40) 1,1'-Biphenyl	12.92	154	3278350	83.672	ng/ul	99
47) Acenaphthylene	13.82	152	7236162	147.516	ng/ul	97
49) Acenaphthene	14.16	153	849311	25.379	ng/ul	99
53) Dibenzofuran	14.50	168	1243349	26.741	ng/ul	98
58) Fluorene	15.16	166	4683099	120.202	ng/ul	94
64) N-Nitrosodiphenylamine	15.37	169	89500	3.260	ng/ul	98
69) Phenanthrene	16.90	178	19339228m	369.629	ng/ul	
71) Anthracene	16.98	178	837449	15.721	ng/ul	99
76) Fluoranthene	18.92	202	4306688	71.805	ng/ul	99
79) Pyrene	19.28	202	6619618	114.302	ng/ul	96
82) Benzo(a)anthracene	21.04	228	2002610m	36.767	ng/ul	
84) Chrysene	21.09	228	2115666	39.874	ng/ul	99
87) Benzo(b)fluoranthene	22.55	252	1091412	19.582	ng/ul	93
88) Benzo(k)fluoranthene	22.58	252	342694m	6.253	ng/ul	
90) Benzo(a)pyrene	23.07	252	323129	6.459	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.23	276	396798	6.545	ng/ul	94
92) Dibenzo(a,h)anthracene	25.24	278	159879	3.126	ng/ul	94
93) Benzo(a,h,i)perylene	25.86	276	309560	6.138	ng/ul	98

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 22:58:20 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

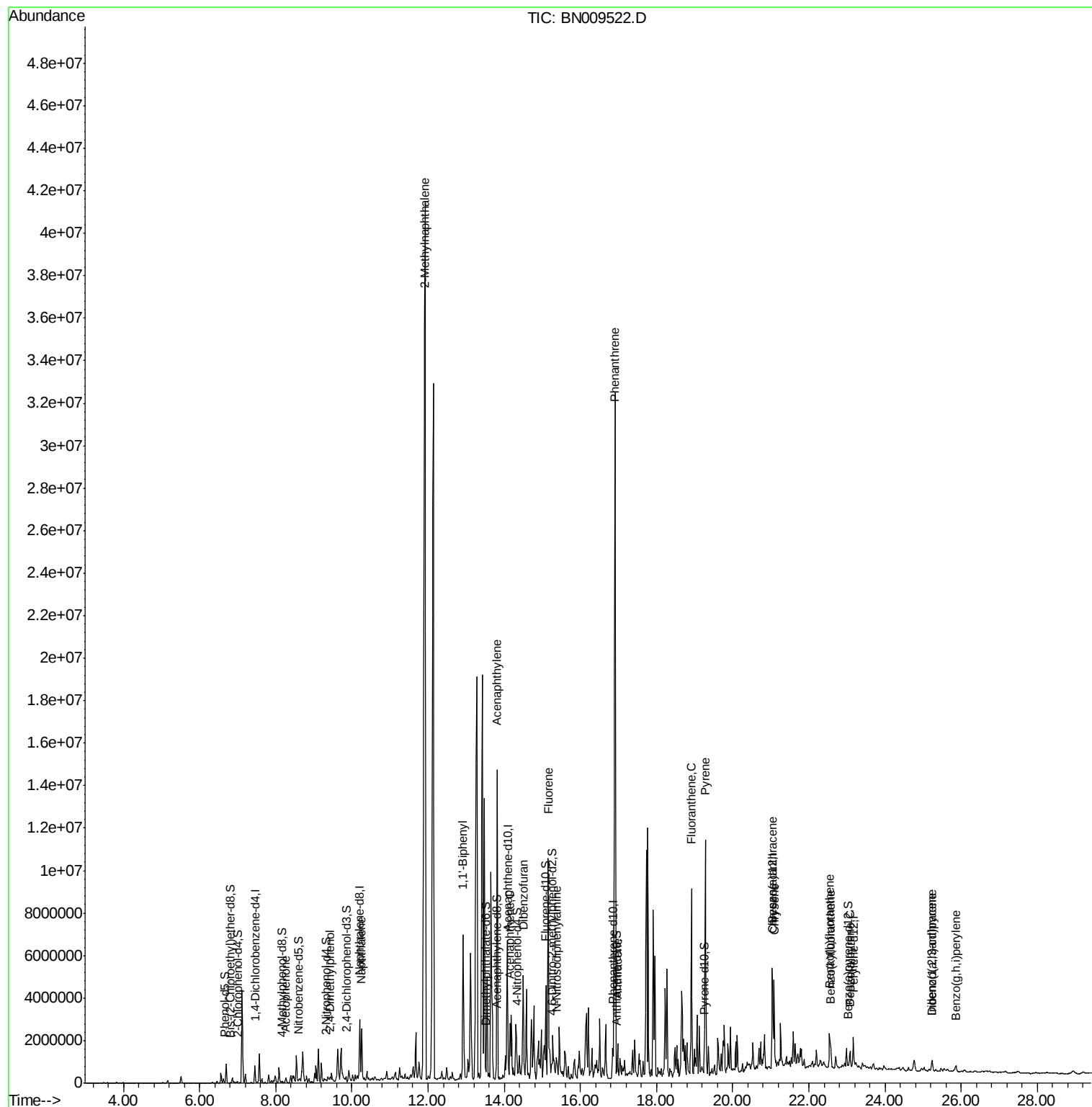
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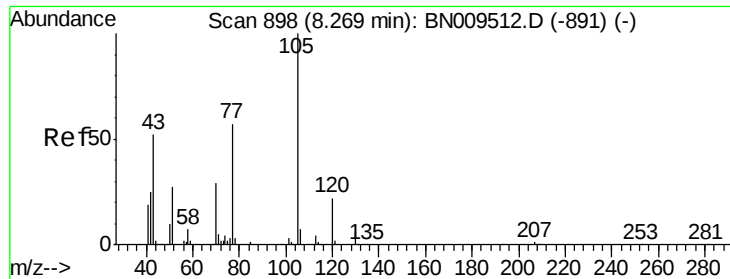
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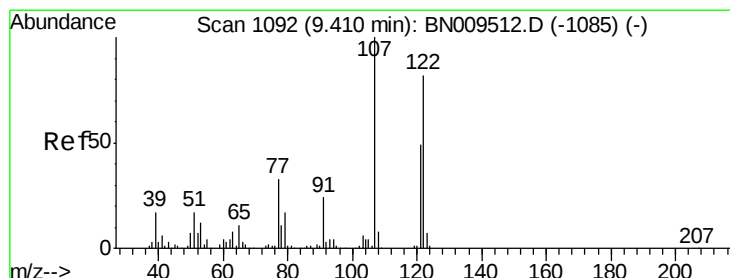
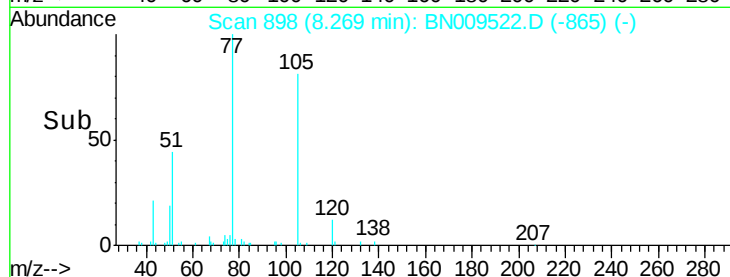
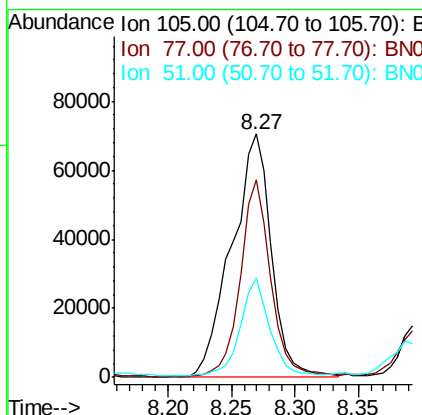
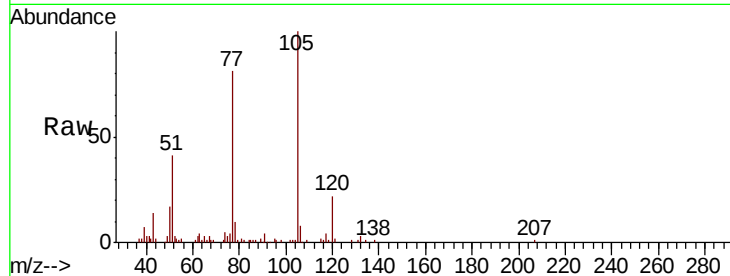
#14
Acetophenone
Concen: 7.051 ng/ul
RT: 8.27 min Scan# 898
Delta R.T. -0.01 min
Lab File: BN009522.D
Acq: 31 Jan 2020 21:48

Instrument :
BNA_N
ClientSampleId :
GASZ6

Tot Ion:	105	Resp:	153991
Ion Ratio	Lower	Upper	
105	100		
77	81.3	66.4	99.6
51	40.6	35.6	53.4

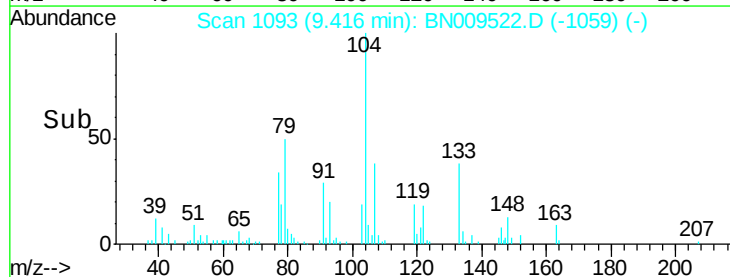
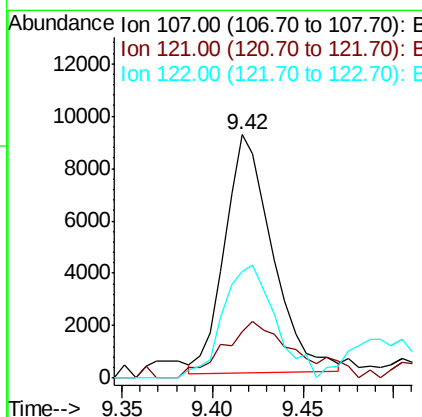
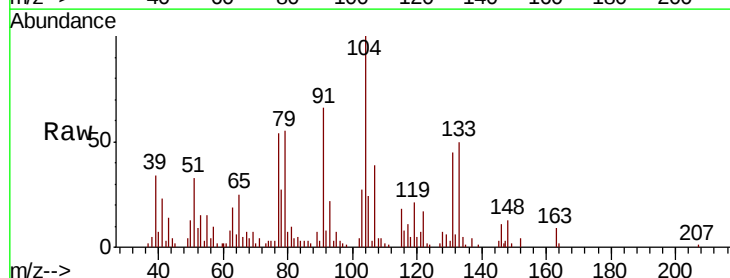
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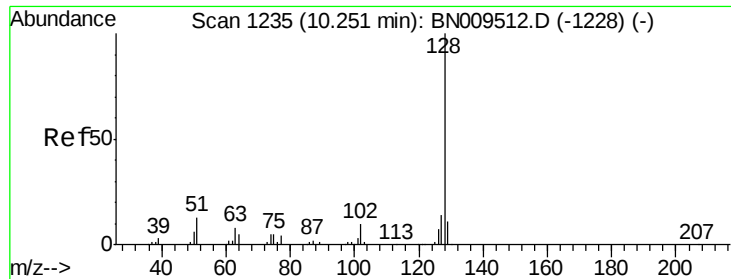
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#24
2,4-Dimethylphenol
Concen: 1.139 ng/ul
RT: 9.42 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BN009522.D
Acq: 31 Jan 2020 21:48

Tgt Ion:	107	Resp:	16715
Ion Ratio	Lower	Upper	
107	100		
121	18.9	39.0	58.4#
122	43.6	64.1	96.1#





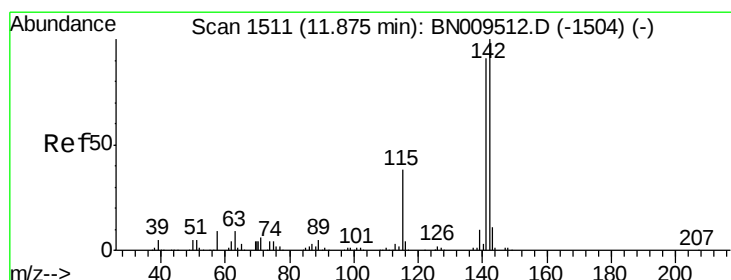
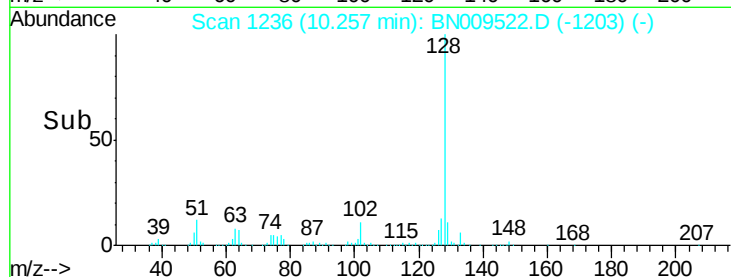
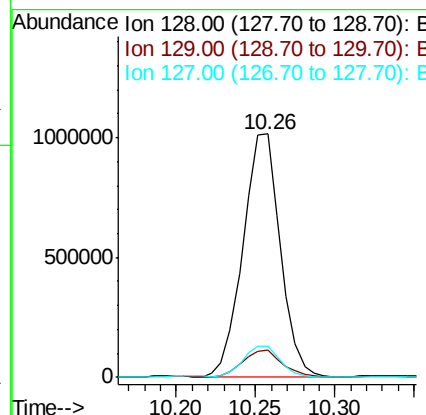
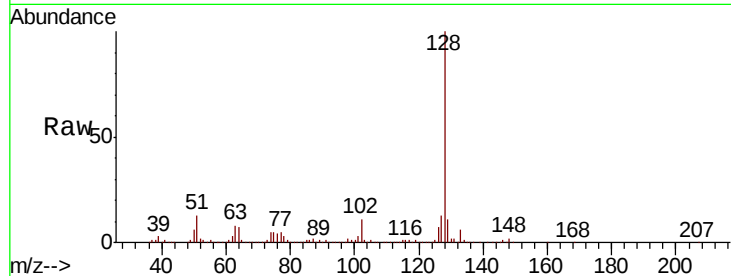
#28
Naphthalene
Concen: 40.562 ng/ul
RT: 10.26 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BN009522.D
Acq: 31 Jan 2020 21:48

Instrument :
BNA_N
ClientSampled :
GASZ6

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.1	12.1
127	12.7	11.0	16.6

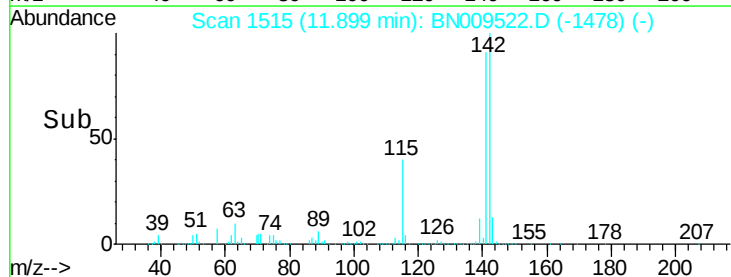
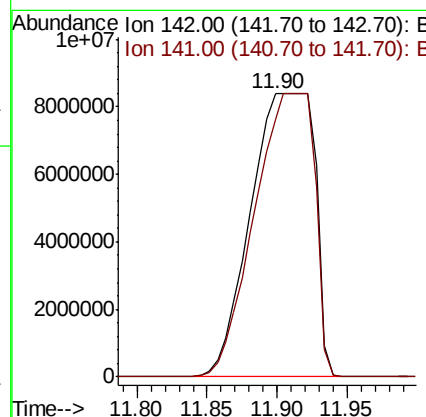
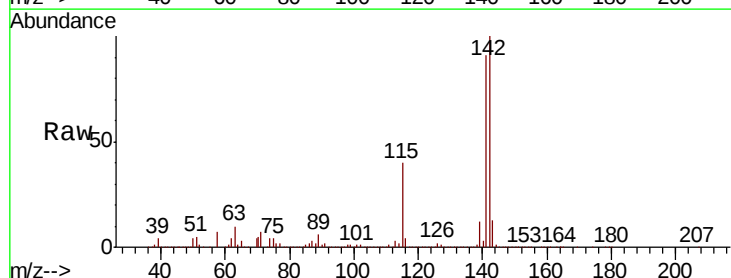
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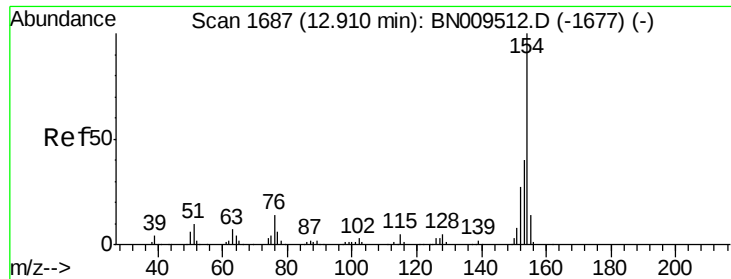
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#34
2-Methylnaphthalene
Concen: 945.776 ng/ul m
RT: 11.90 min Scan# 1515
Delta R.T. 0.02 min
Lab File: BN009522.D
Acq: 31 Jan 2020 21:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	69.3	103.9





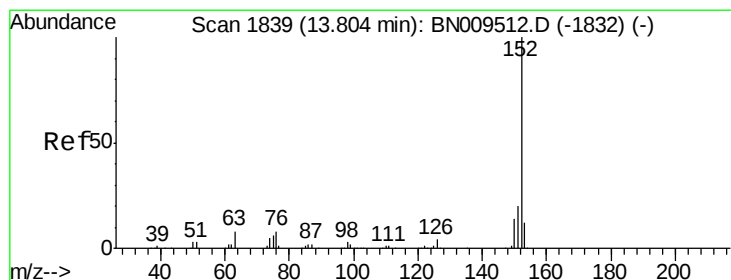
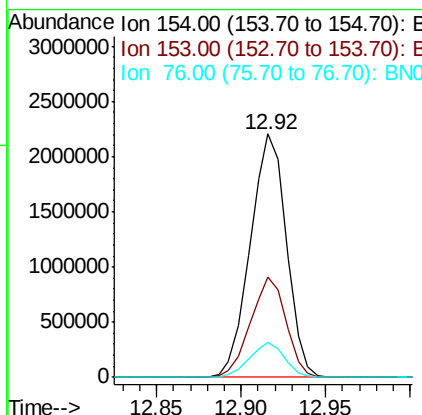
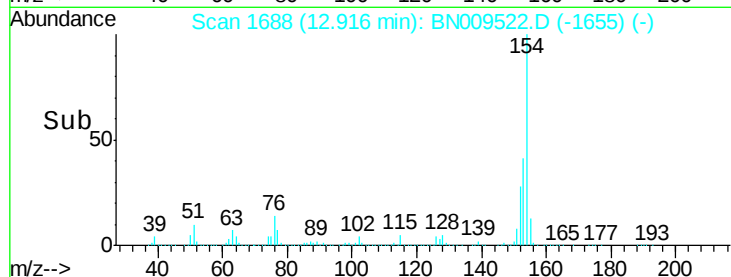
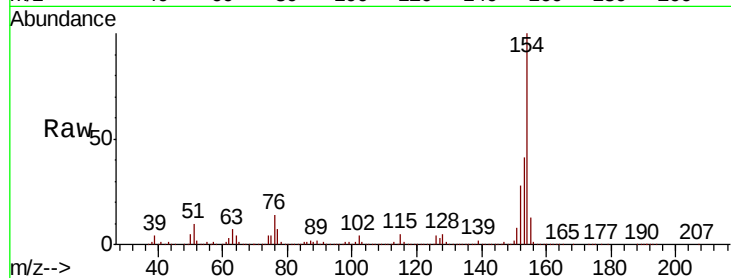
#40
 1,1'-Biphenyl
 Concen: 83.672 ng/ul
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BN009522.D
 Acq: 31 Jan 2020 21:48

Instrument :
 BNA_N
 ClientSampleId :
 GASZ6

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	32.6	49.0
76	14.4	11.4	17.0

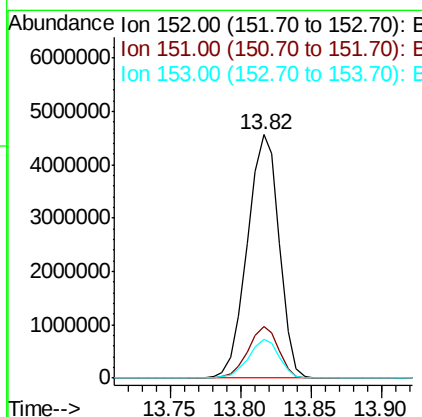
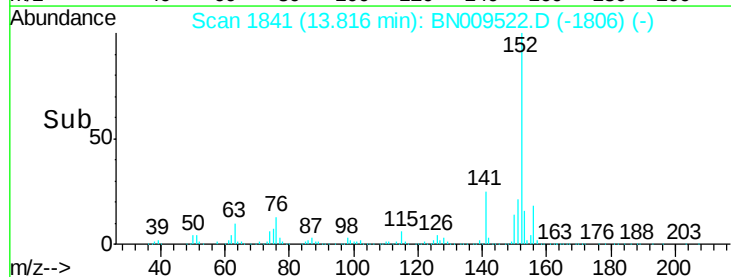
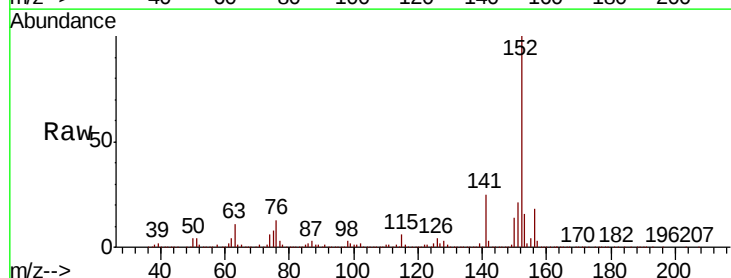
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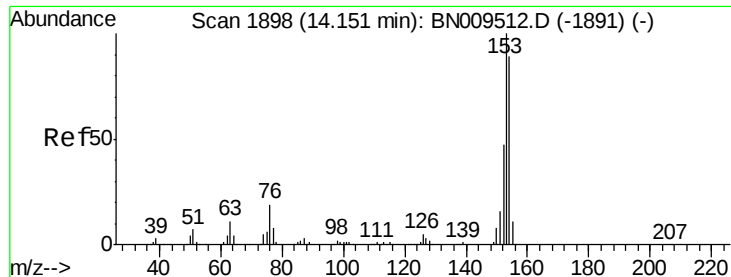
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#47
 Acenaphthylene
 Concen: 147.516 ng/ul
 RT: 13.82 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BN009522.D
 Acq: 31 Jan 2020 21:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.4
153	15.8	10.8	16.2





#49

Acenaphthene

Concen: 25.379 ng/ul

RT: 14.16 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BN009522.D

Acq: 31 Jan 2020 21:48

Instrument :

BNA_N

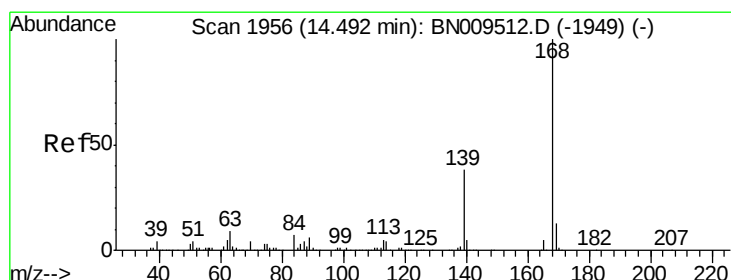
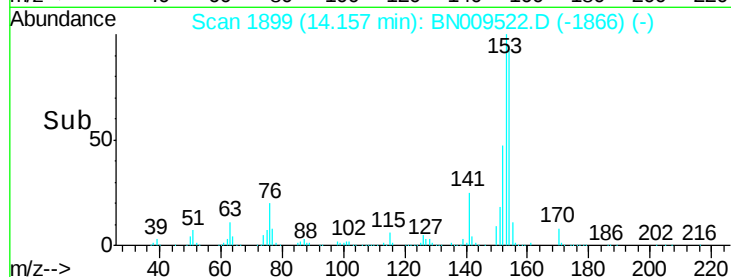
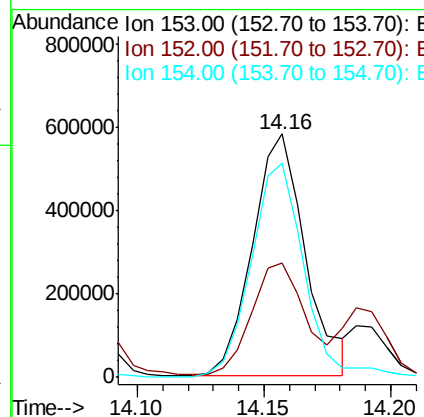
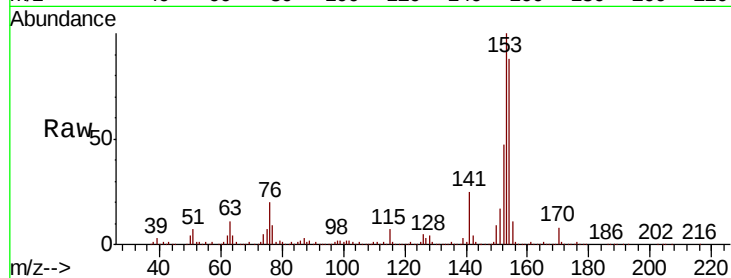
ClientSampleId :

GASZ6

Tot Ion:	153	Resp:	849311
Ion Ratio	Lower	Upper	
153	100		
152	46.9	36.3	54.5
154	88.2	71.4	107.0

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#53

Dibenzofuran

Concen: 26.741 ng/ul

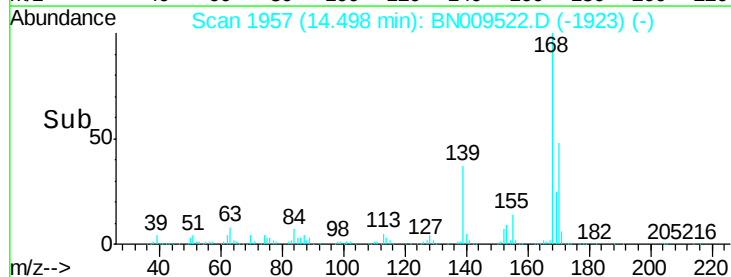
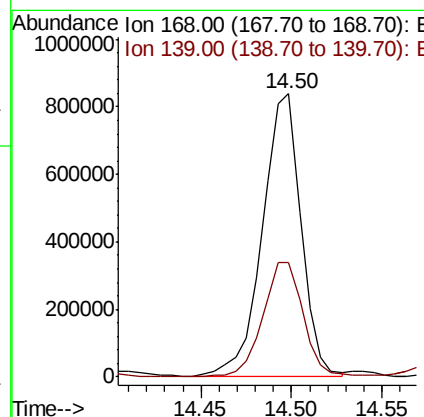
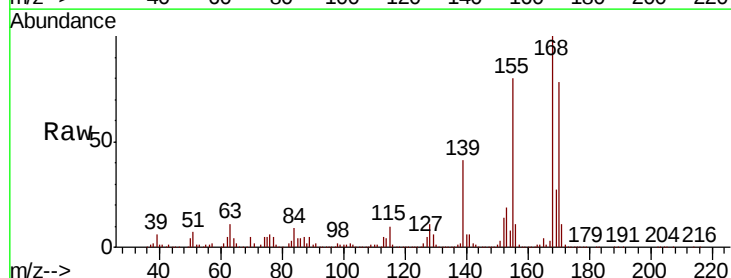
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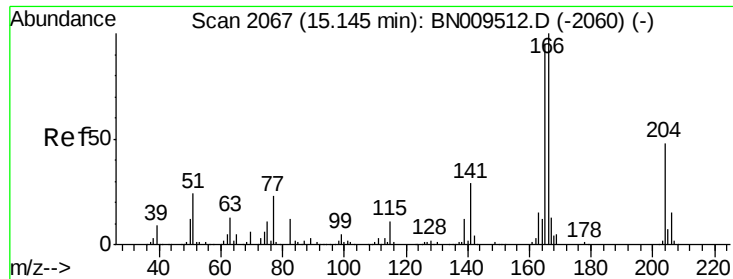
Delta R.T. -0.00 min

Lab File: BN009522.D

Acq: 31 Jan 2020 21:48

Tgt Ion:	168	Resp:	1243349
Ion Ratio	Lower	Upper	
168	100		
139	40.5	31.4	47.2





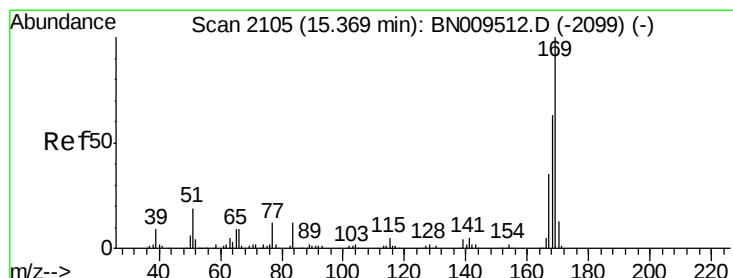
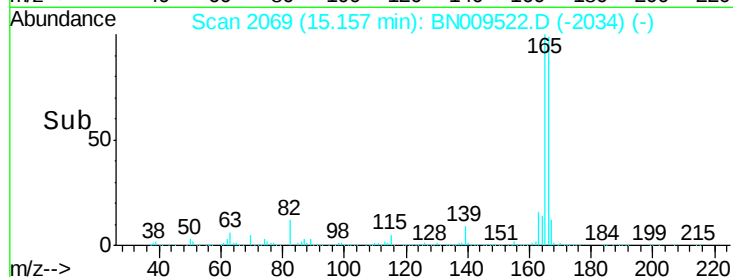
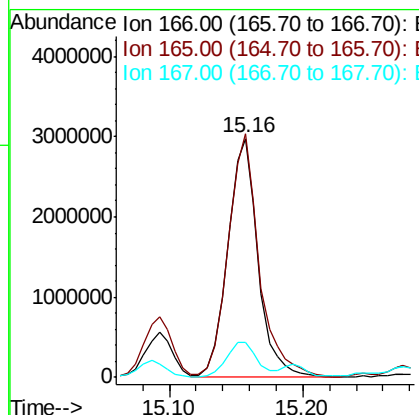
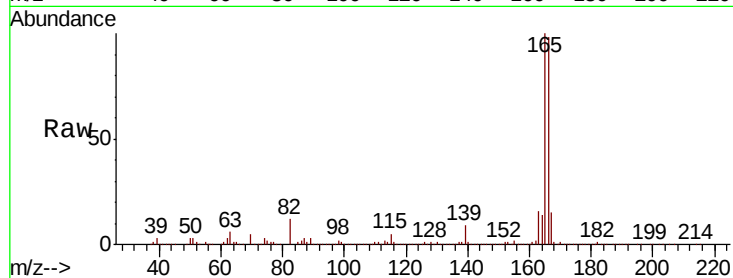
#58
 Fluorene
 Concen: 120.202 ng/ul
 RT: 15.16 min Scan# 2069
 Delta R.T. 0.01 min
 Lab File: BN009522.D
 Acq: 31 Jan 2020 21:48

Instrument :
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 GASZ6

Tot Ion:166 Resp: 4683099
 Ion Ratio Lower Upper
 166 100
 165 101.9 76.5 114.7
 167 14.9 10.9 16.3

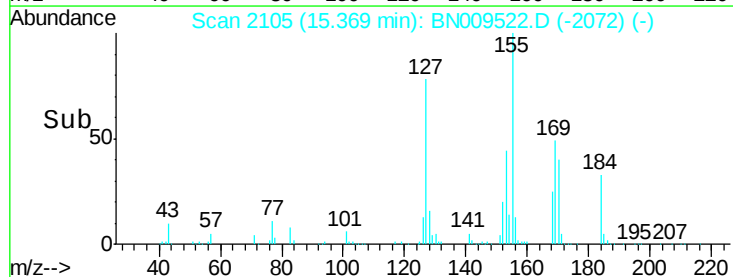
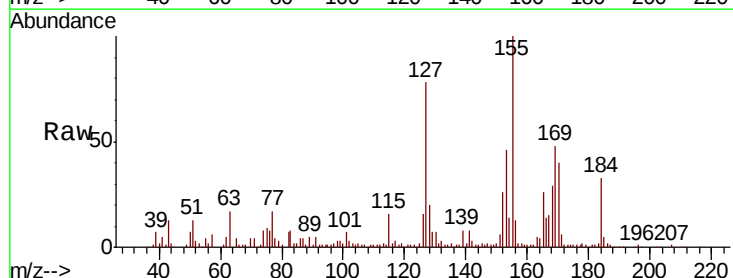
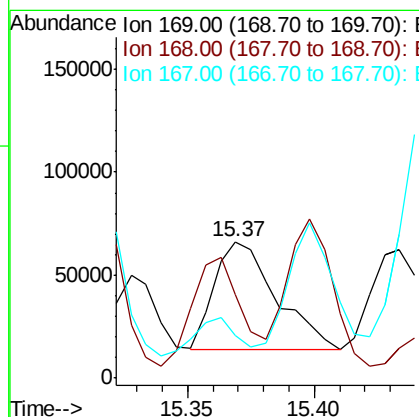
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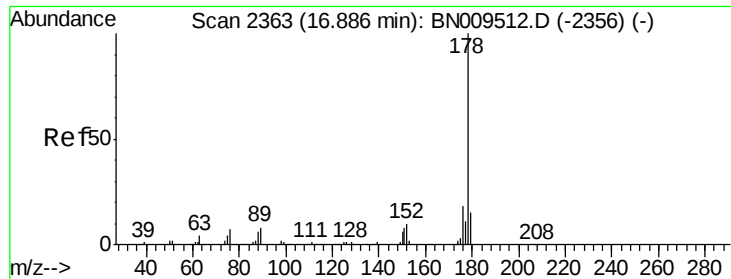
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#64
 N-Nitrosodiphenylamine
 Concen: 3.260 ng/ul
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BN009522.D
 Acq: 31 Jan 2020 21:48

Tgt Ion:169 Resp: 89500
 Ion Ratio Lower Upper
 169 100
 168 61.6 49.8 74.8
 167 31.7 27.6 41.4





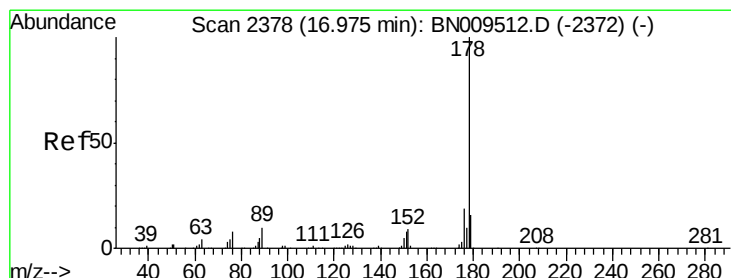
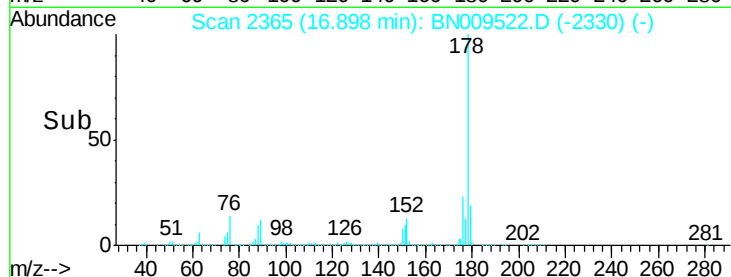
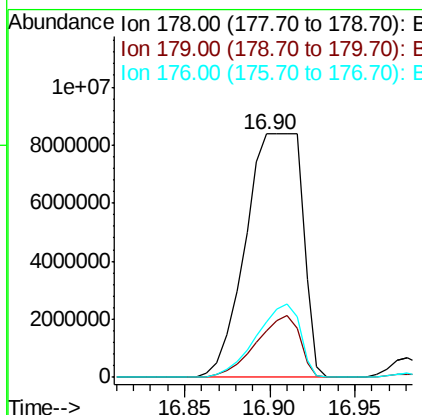
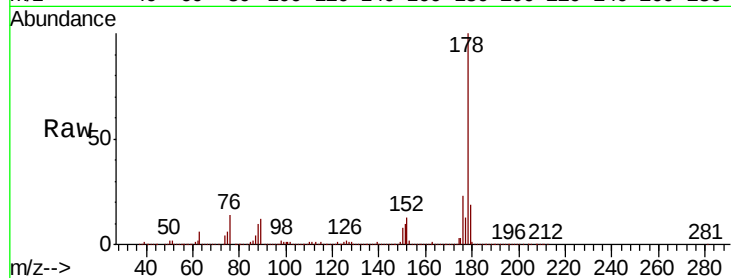
#69
Phenanthrene
Concen: 369.629 ng/ul m
RT: 16.90 min Scan# 2365
Delta R.T. 0.01 min
Lab File: BN009522.D
Acq: 31 Jan 2020 21:48

Instrument :
BNA_N
ClientSampled :
GASZ6

Tot Ion:178 Resp:19339228
Ion Ratio Lower Upper
178 100
179 19.3 13.3 19.9
176 22.9 15.5 23.3

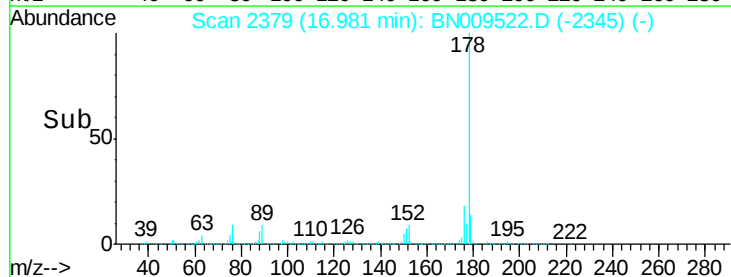
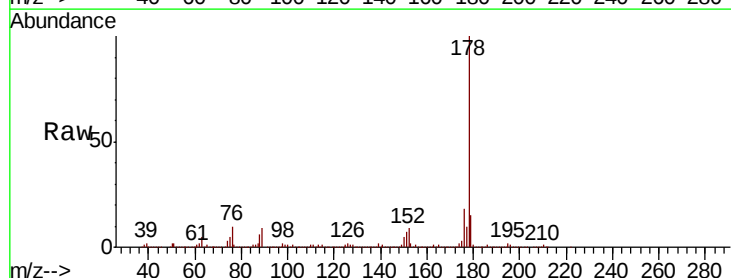
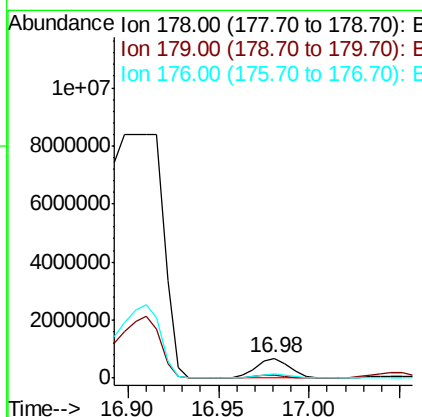
Manual Integrations
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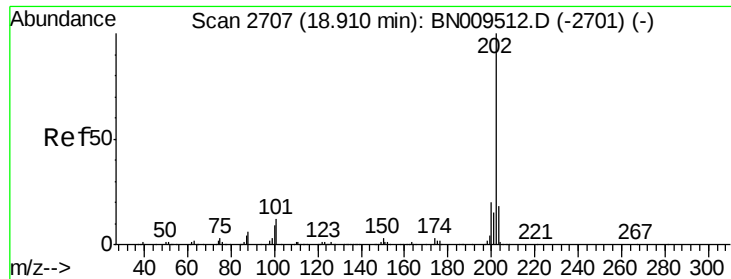
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#71
Anthracene
Concen: 15.721 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BN009522.D
Acq: 31 Jan 2020 21:48

Tgt Ion:178 Resp: 837449
Ion Ratio Lower Upper
178 100
179 15.4 11.8 17.6
176 18.2 14.6 22.0





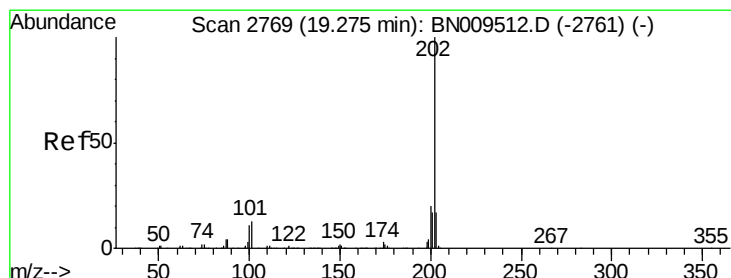
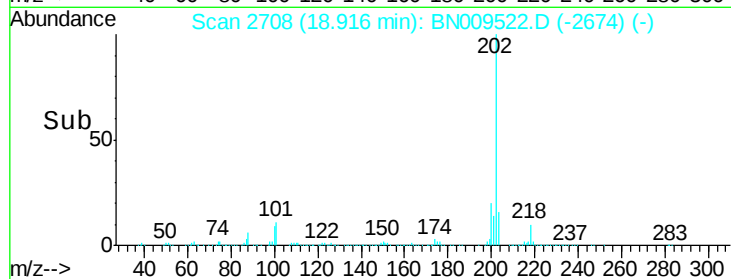
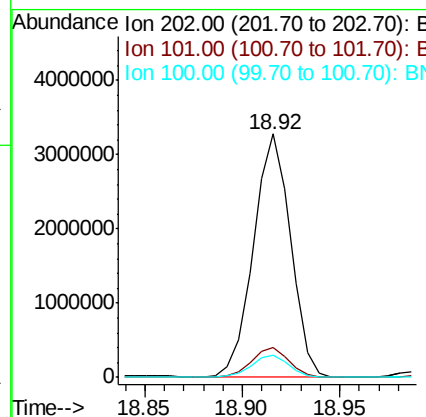
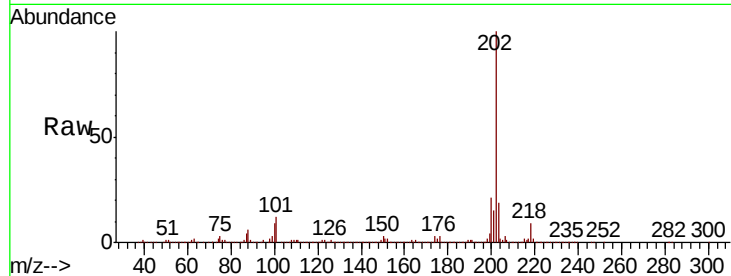
#76
Fluoranthene
Concen: 71.805 ng/ul
RT: 18.92 min Scan# 2708
Delta R.T. -0.00 min
Lab File: BN009522.D
Acq: 31 Jan 2020 21:48

Instrument :
BNA_N
ClientSampleId :
GASZ6

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.7	14.5
100	9.1	7.1	10.7

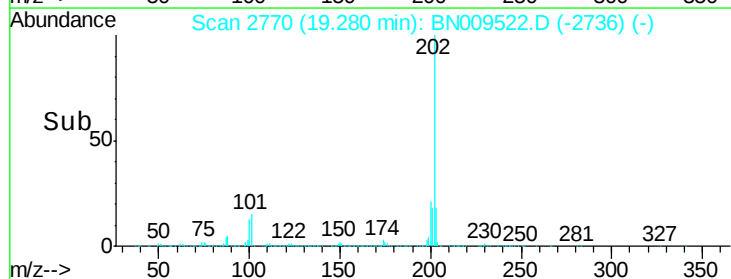
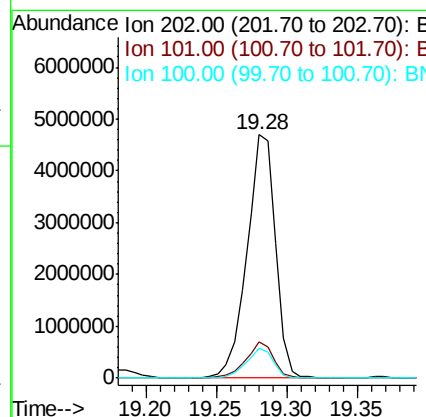
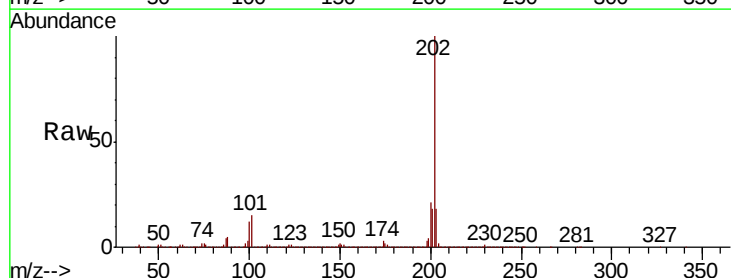
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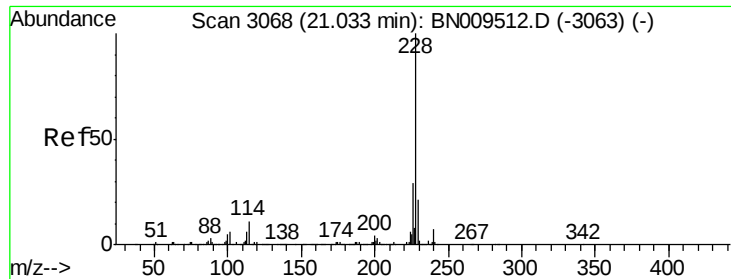
mohammad
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#79
Pyrene
Concen: 114.302 ng/ul
RT: 19.28 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BN009522.D
Acq: 31 Jan 2020 21:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.9	10.9	16.3
100	12.2	8.6	12.8





#82

Benzo(a)anthracene

Concen: 36.767 ng/ul m

RT: 21.04 min Scan# 3069

Delta R.T. -0.00 min

Lab File: BN009522.D

Acq: 31 Jan 2020 21:48

Instrument :

BNA_N

ClientSampleId :

GASZ6

Tot Ion:228 Resp: 2002610

Ion Ratio Lower Upper

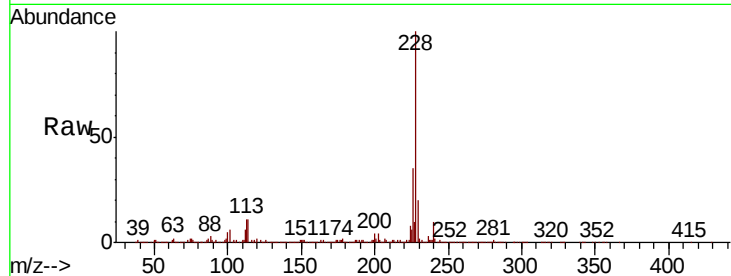
228 100

229 19.8 15.9 23.9

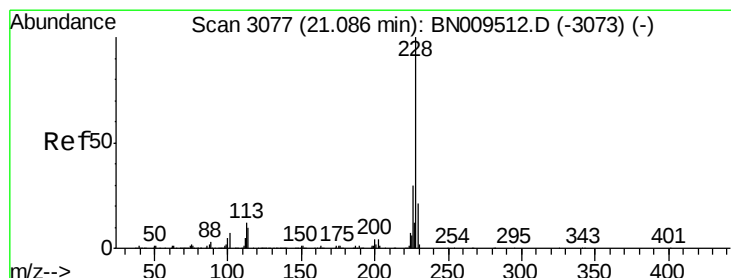
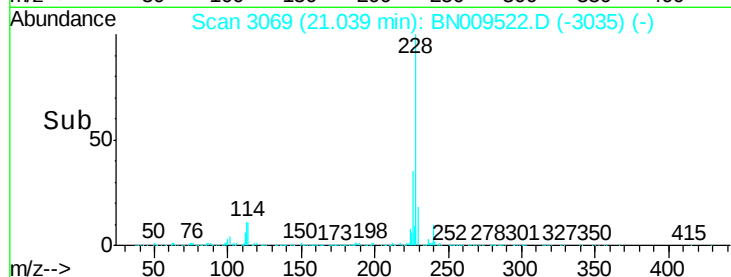
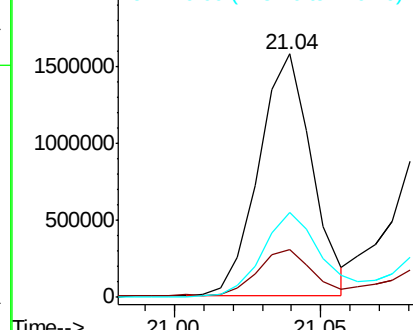
226 35.1 20.9 31.3#

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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: 39.874 ng/ul

RT: 21.09 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BN009522.D

Acq: 31 Jan 2020 21:48

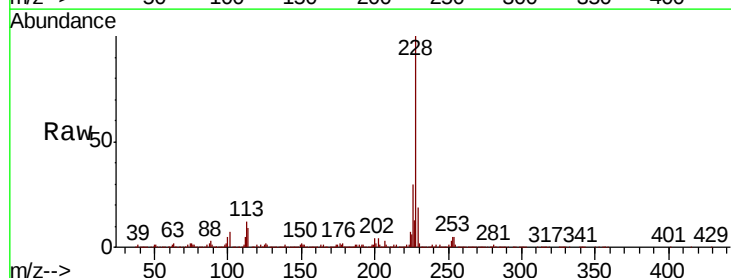
Tgt Ion:228 Resp: 2115666

Ion Ratio Lower Upper

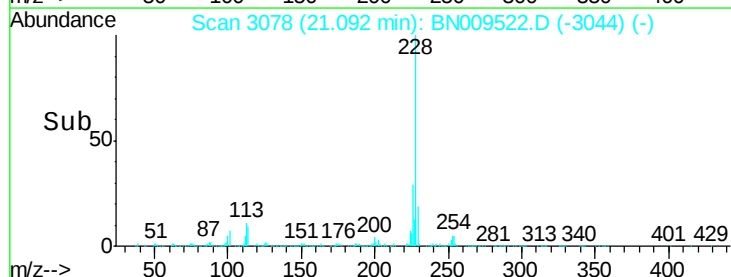
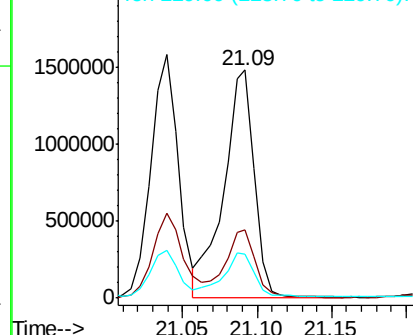
228 100

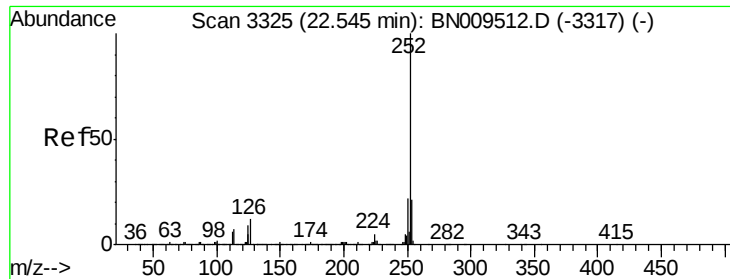
226 29.7 22.9 34.3

229 19.2 15.4 23.0



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





#87

Benzo(b)fluoranthene

Concen: 19.582 ng/ul

RT: 22.55 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BN009522.D

Acq: 31 Jan 2020 21:48

Instrument :

BNA_N

ClientSampleId :

GASZ6

Tot Ion:252 Resp: 1091412

Ion Ratio Lower Upper

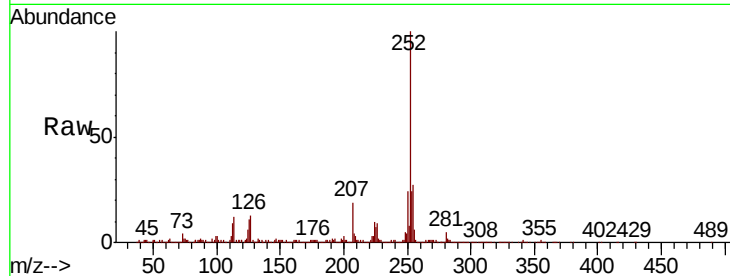
252 100

253 24.3 16.5 24.7

125 11.5 8.2 12.2

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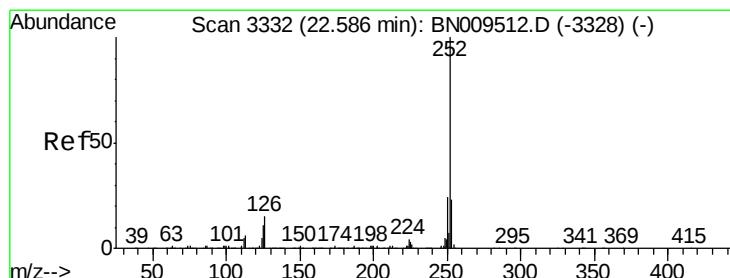
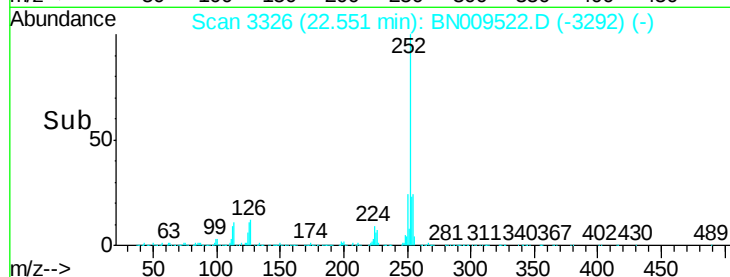
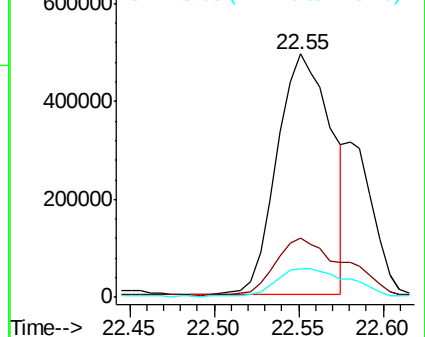
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 6.253 ng/ul m

RT: 22.58 min Scan# 3331

Delta R.T. -0.01 min

Lab File: BN009522.D

Acq: 31 Jan 2020 21:48

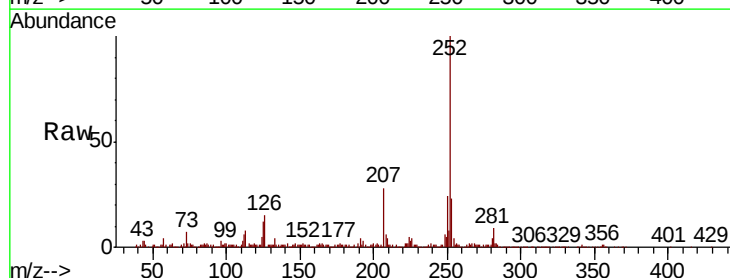
Tgt Ion:252 Resp: 342694

Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.4

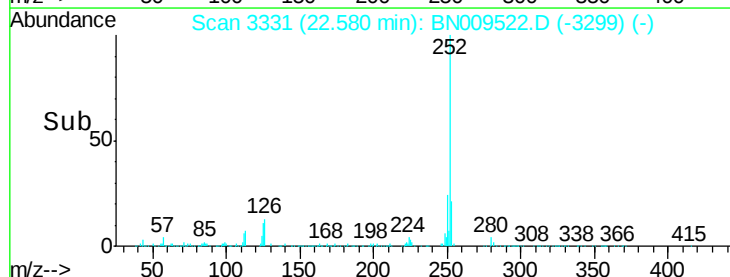
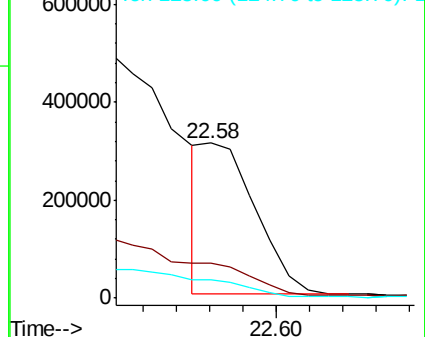
125 11.6 7.8 11.8

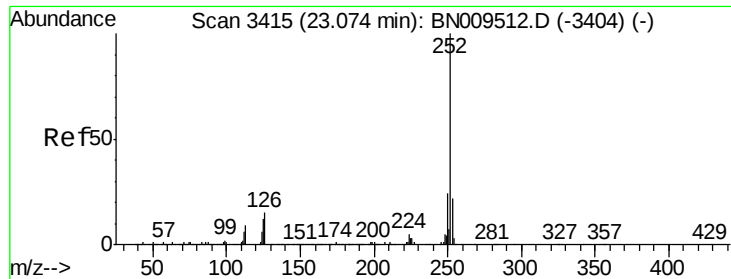


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





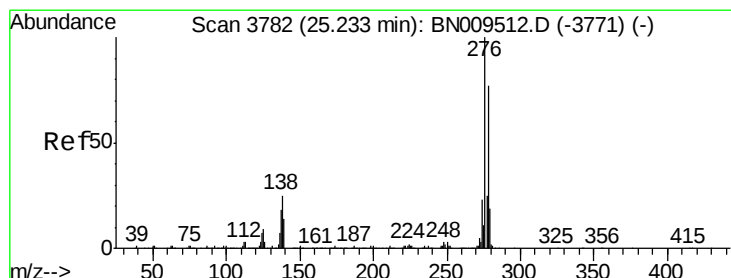
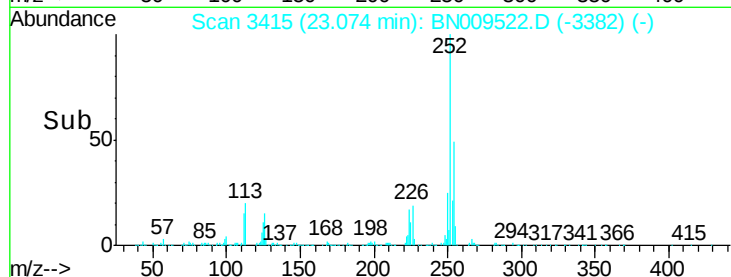
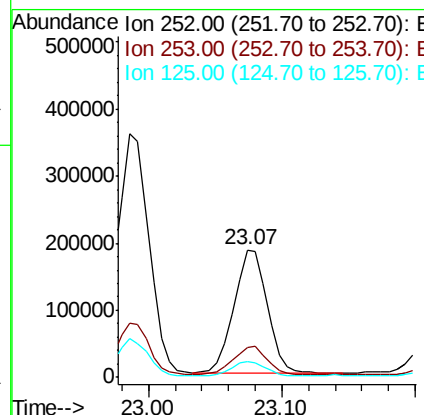
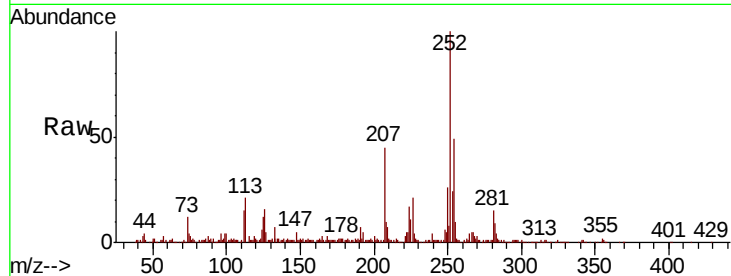
#90
Benzo(a)pyrene
Concen: 6.459 ng/ul
RT: 23.07 min Scan# 3415
Delta R.T. -0.01 min
Lab File: BN009522.D
Acq: 31 Jan 2020 21:48

Instrument :
BNA_N
ClientSampled :
GASZ6

Tot Ion:	252	Resp:	323129
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.0	27.0
125	12.0	9.8	14.6

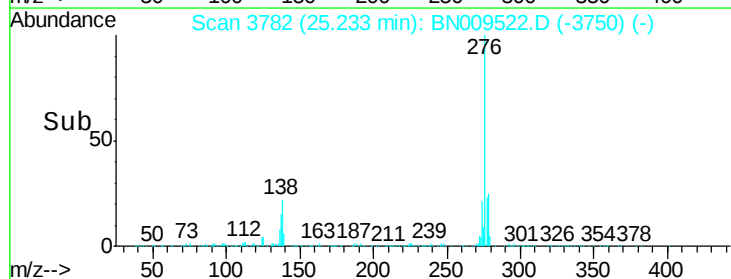
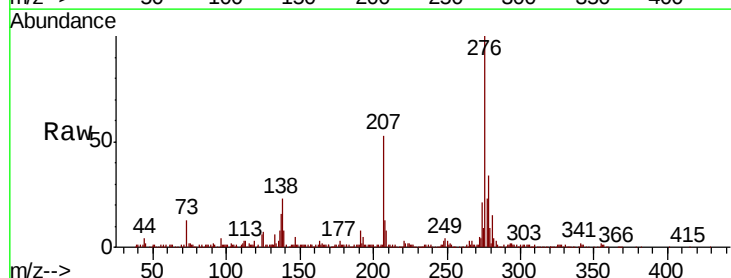
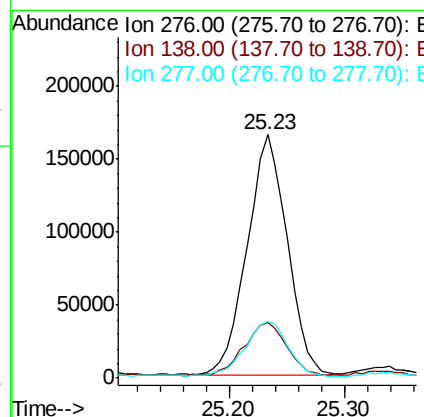
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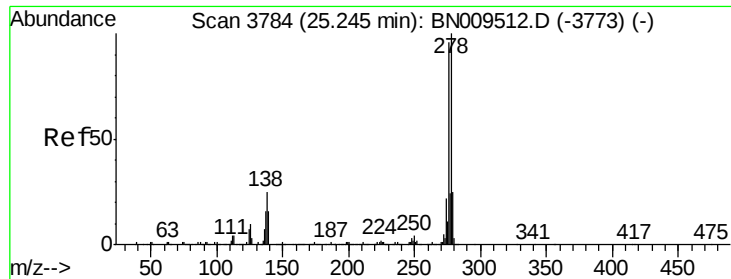
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#91
Indeno(1,2,3-cd)pyrene
Concen: 6.545 ng/ul
RT: 25.23 min Scan# 3782
Delta R.T. -0.01 min
Lab File: BN009522.D
Acq: 31 Jan 2020 21:48

Tgt Ion:	276	Resp:	396798
Ion Ratio	Lower	Upper	
276	100		
138	23.0	21.4	32.0
277	23.3	20.4	30.6





#92

Dibenzo(a,h)anthracene

Concen: 3.126 ng/ul

RT: 25.24 min Scan# 3783

Delta R.T. -0.01 min

Lab File: BN009522.D

Acq: 31 Jan 2020 21:48

Instrument :

BNA_N

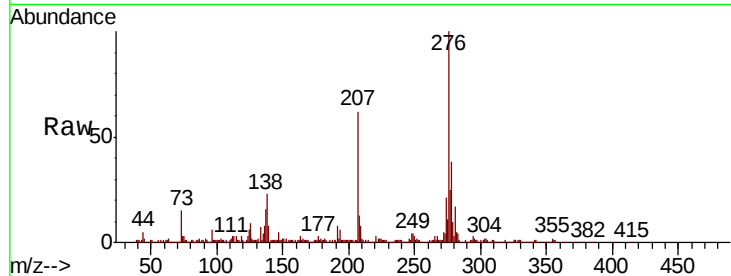
ClientSampled :

GASZ6

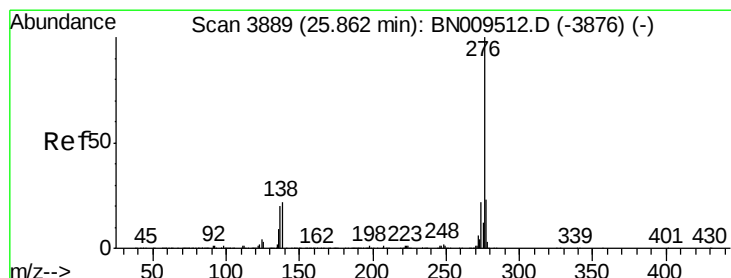
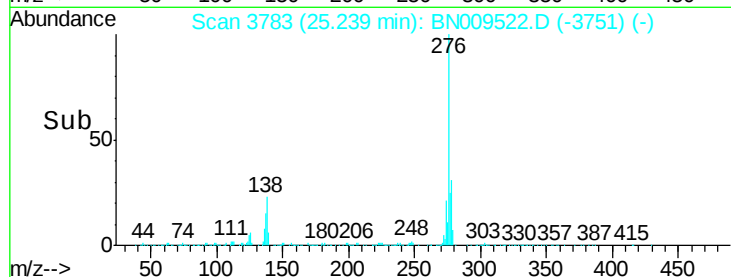
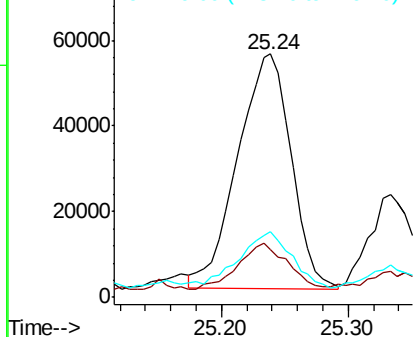
Tot Ion:	278	Resp:	159879
Ion Ratio	Lower	Upper	
278	100		
139	19.8	13.9	20.9
279	27.1	19.3	28.9

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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(g,h,i)perylene

Concen: 6.138 ng/ul

RT: 25.86 min Scan# 3889

Delta R.T. -0.01 min

Lab File: BN009522.D

Acq: 31 Jan 2020 21:48

Tgt Ion:	276	Resp:	309560
Ion Ratio	Lower	Upper	
276	100		
138	21.0	16.6	24.8
277	21.5	18.7	28.1

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

