

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009598.D
 Acq On : 05 Feb 2020 12:38
 Operator : CG/JU
 Sample : L1271-06ME
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 GASZ7ME

Manual Integrations
 APPROVED

mohammad
 2/6/2020 8:12:35 AM

Quant Time: Feb 05 15:29:06 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	136398	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	547327	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	357770	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	695315	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	615358	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	659617	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	10212	3.07	ng/uL	0.00
5) Phenol-d5	6.64	99	226234	19.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	156151	19.54	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	174331	19.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	183272	19.35	ng/ul	-0.01
19) Nitrobenzene-d5	8.58	128	90081	22.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	101087	22.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	176240	20.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	266792	29.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	546384	20.92	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	652618	20.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	86846	17.61	ng/ul	0.00
57) Fluorene-d10	15.08	176	476602	20.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	73171	16.85	ng/ul	0.01
70) Anthracene-d10	16.93	188	729050	23.08	ng/ul	0.00
78) Pyrene-d10	19.23	212	787002	24.33	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	795172	24.48	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.25	128	16261219	547.865	ng/ul	96
34) 2-Methylnaphthalene	11.89	142	15836554	762.429	ng/ul	100
40) 1,1'-Biphenyl	12.90	154	1182273	42.443	ng/ul	98
47) Acenaphthylene	13.80	152	3565809	103.253	ng/ul	98
49) Acenaphthene	14.14	153	350333	14.922	ng/ul	97
53) Dibenzofuran	14.48	168	457111	13.982	ng/ul	94
58) Fluorene	15.14	166	2118532	77.539	ng/ul	96
69) Phenanthrene	16.88	178	10129897	255.463	ng/ul	98
71) Anthracene	16.96	178	1062963	26.419	ng/ul	99
76) Fluoranthene	18.90	202	1960618	43.322	ng/ul	99
79) Pyrene	19.27	202	3090129	68.790	ng/ul	99
82) Benzo(a)anthracene	21.03	228	1019787	24.002	ng/ul#	89
84) Chrysene	21.08	228	898999	21.254	ng/ul	96
87) Benzo(b)fluoranthene	22.54	252	510244	12.364	ng/ul	95
88) Benzo(k)fluoranthene	22.57	252	176429m	4.341	ng/ul	
90) Benzo(a)pyrene	23.07	252	412659	10.792	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.22	276	199765	4.394	ng/ul	98
92) Dibenzo(a,h)anthracene	25.21	278	72472	1.894	ng/ul#	91
93) Benzo(g,h,i)perylene	25.84	276	165093	4.333	ng/ul	97

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

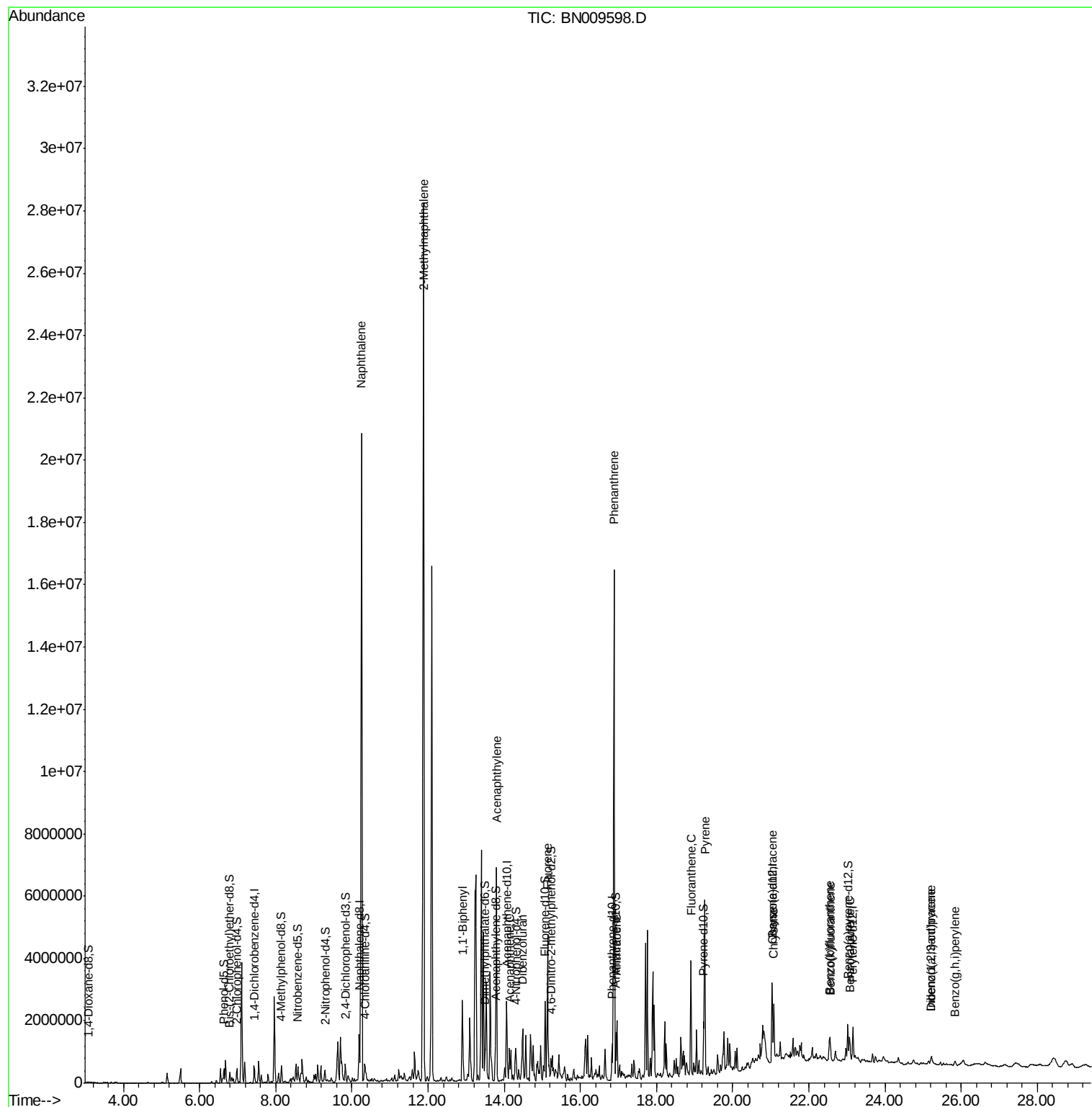
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009598.D
Acq On : 05 Feb 2020 12:38
Operator : CG/JU
Sample : L1271-06ME
Misc :
ALS Vial : 74 Sample Multiplier: 1

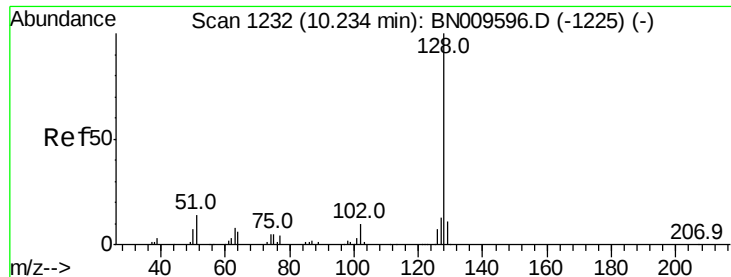
Instrument :
BNA_N
ClientSampleId :
GASZ7ME

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Quant Time: Feb 05 15:29:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





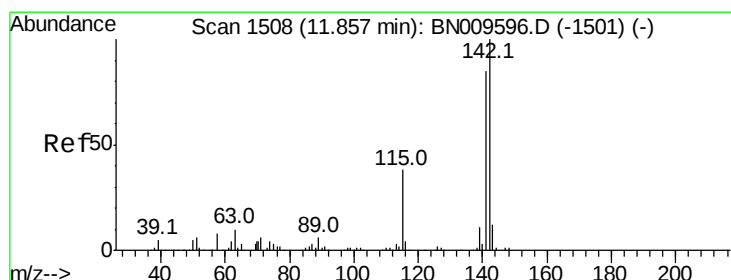
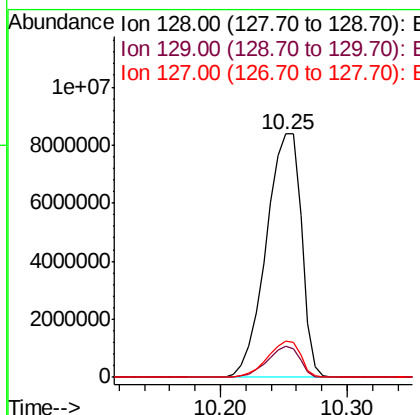
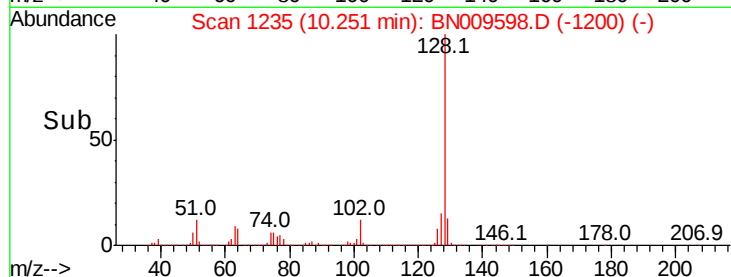
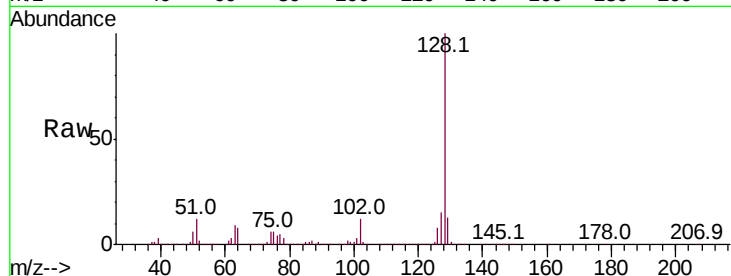
#28
Naphthalene
Concen: 547.865 ng/ul
RT: 10.25 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BN009598.D
Acq: 05 Feb 2020 12:38

Instrument :
BNA_N
ClientSampleId :
GASZ7ME

Tot Ion:128 Resp:16261219
Ion Ratio Lower Upper
128 100
129 12.8 8.7 13.1
127 15.0 10.7 16.1

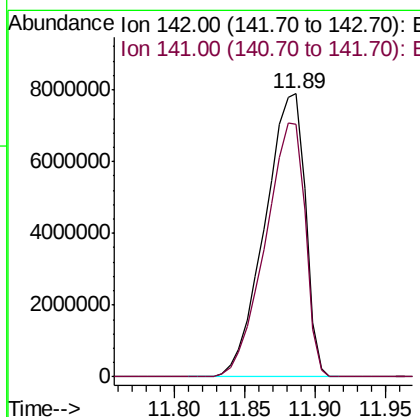
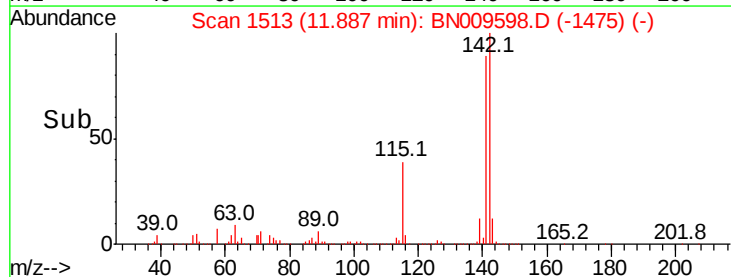
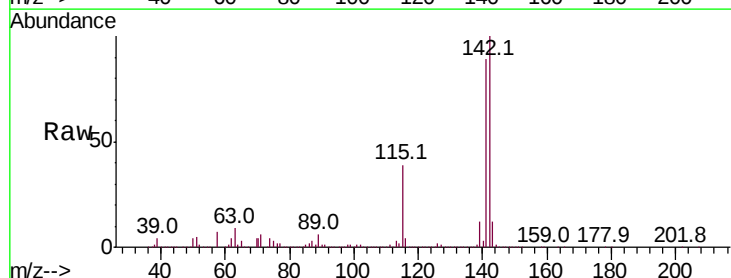
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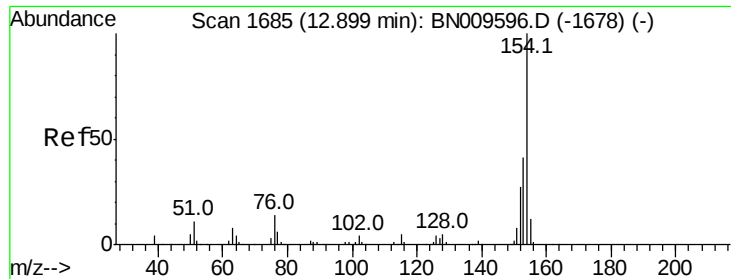
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#34
2-Methylnaphthalene
Concen: 762.429 ng/ul
RT: 11.89 min Scan# 1513
Delta R.T. 0.02 min
Lab File: BN009598.D
Acq: 05 Feb 2020 12:38

Tgt Ion:142 Resp:15836554
Ion Ratio Lower Upper
142 100
141 89.1 71.5 107.3





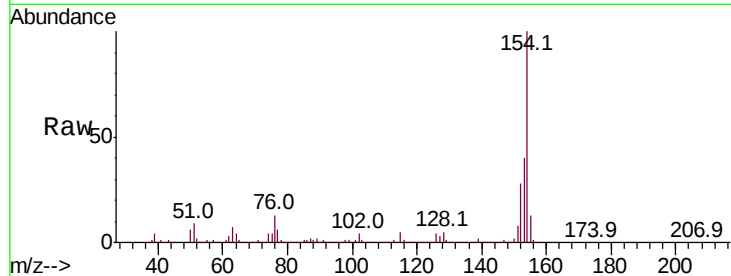
#40
 1,1'-Biphenyl
 Concen: 42.443 ng/ul
 RT: 12.90 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BN009598.D
 Acq: 05 Feb 2020 12:38

Instrument :
 BNA_N
 ClientSampled :
 GASZ7ME

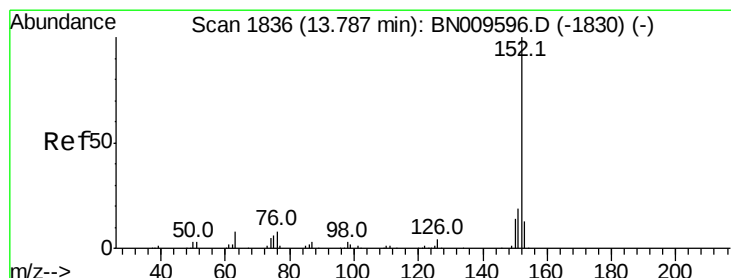
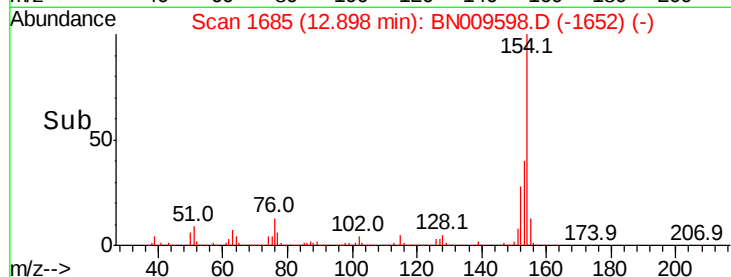
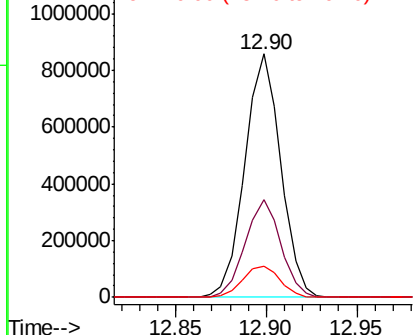
Tot Ion:	154	Resp:	1182273
Ion	Ratio	Lower	Upper
154	100		
153	39.9	31.2	46.8
76	12.9	11.4	17.2

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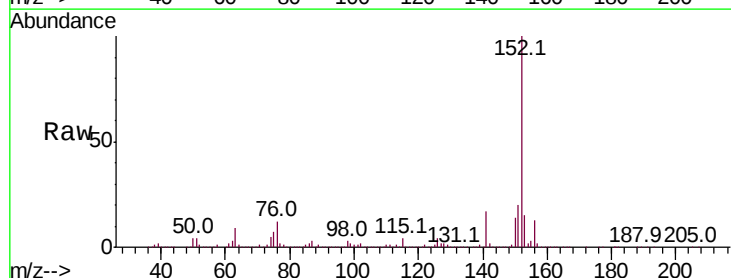


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

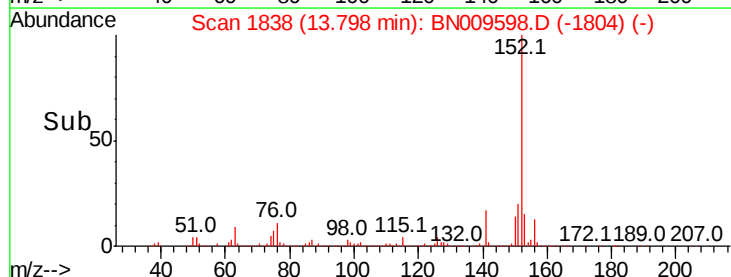
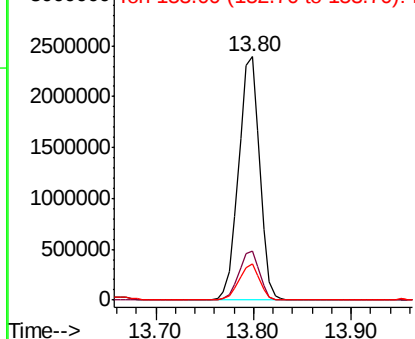


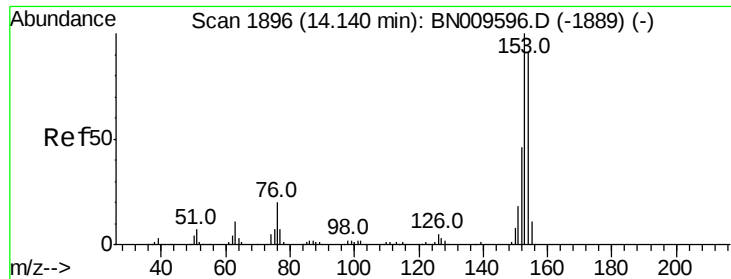
#47
 Acenaphthylene
 Concen: 103.253 ng/ul
 RT: 13.80 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BN009598.D
 Acq: 05 Feb 2020 12:38

Tgt Ion:	152	Resp:	3565809
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	14.7	10.6	15.8



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: 14.922 ng/ul

RT: 14.14 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BN009598.D

Acq: 05 Feb 2020 12:38

Instrument :

BNA_N

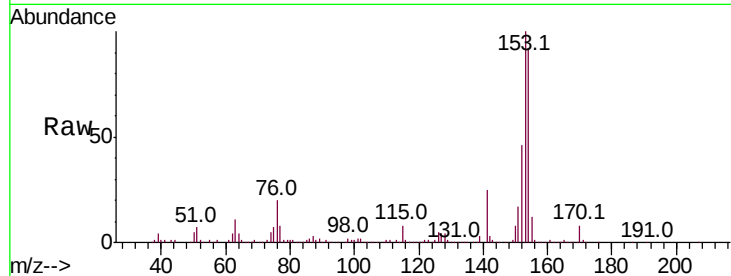
ClientSampleId :

GASZ7ME

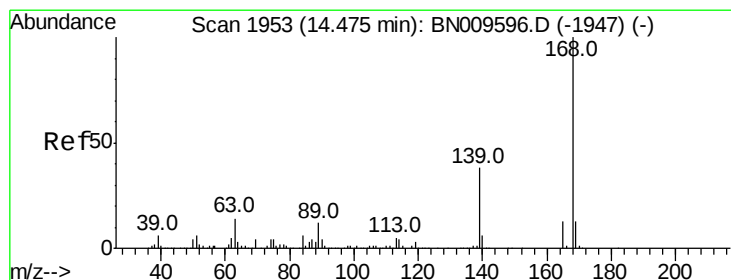
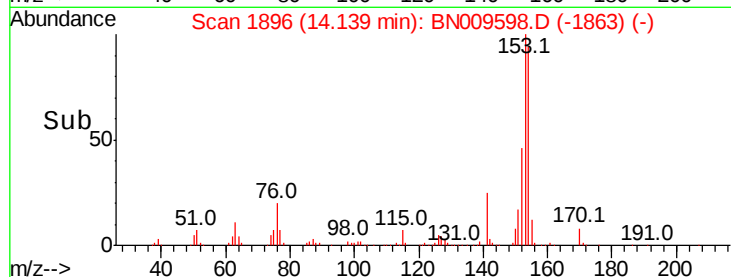
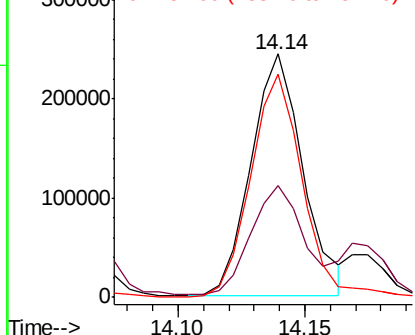
Tot Ion:	153	Resp:	350333
Ion Ratio	Lower	Upper	
153	100		
152	45.8	37.3	55.9
154	91.7	70.2	105.2

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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

Dibenzofuran

Concen: 13.982 ng/ul

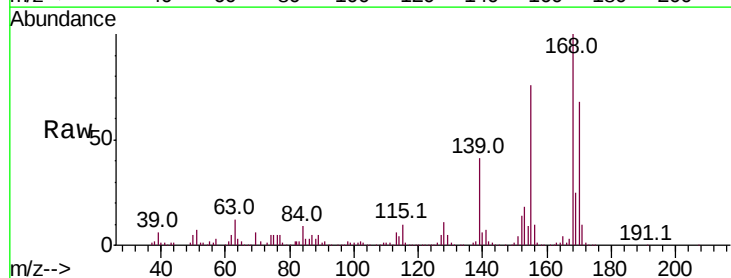
RT: 14.48 min Scan# 1954

Delta R.T. -0.01 min

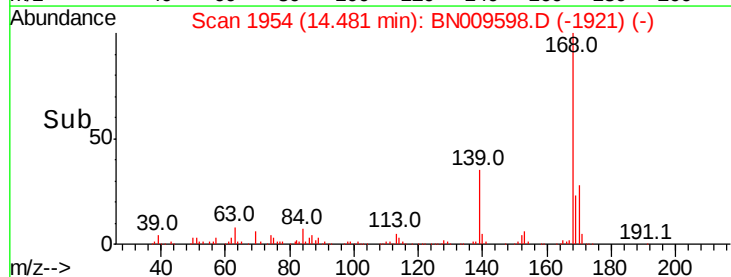
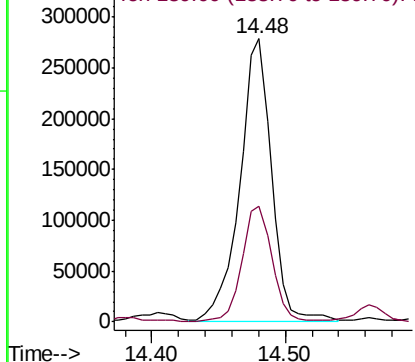
Lab File: BN009598.D

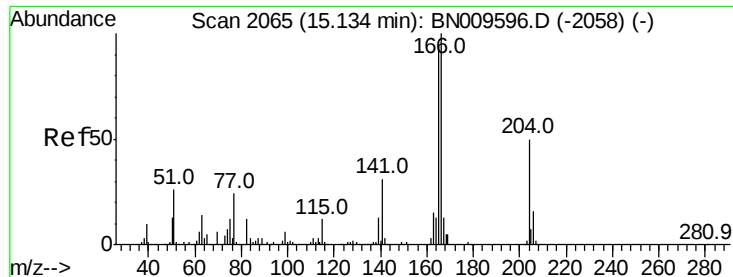
Acq: 05 Feb 2020 12:38

Tgt Ion:	168	Resp:	457111
Ion Ratio	Lower	Upper	
168	100		
139	40.8	29.5	44.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 77.539 ng/ul

RT: 15.14 min Scan# 2066

Delta R.T. 0.00 min

Lab File: BN009598.D

Acq: 05 Feb 2020 12:38

Instrument :

BNA_N

ClientSampleId :

GASZ7ME

Tot Ion:166 Resp: 2118532

Ion Ratio Lower Upper

166 100

165 99.9 76.7 115.1

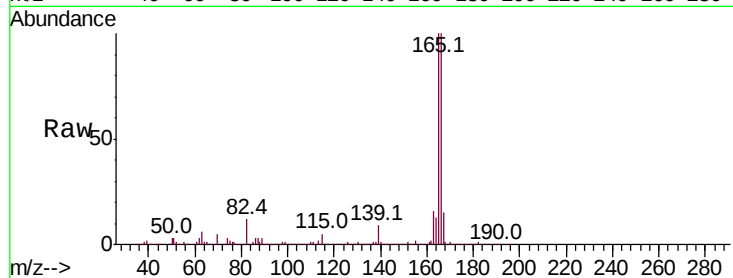
167 14.7 11.1 16.7

Manual Integrations

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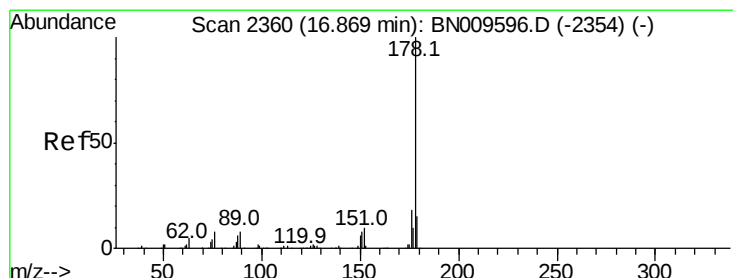
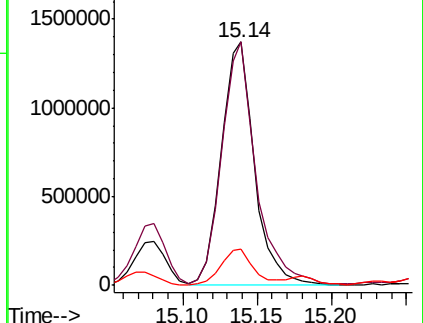
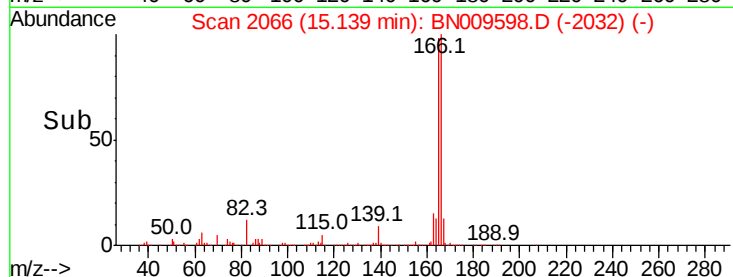
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 255.463 ng/ul

RT: 16.88 min Scan# 2362

Delta R.T. 0.01 min

Lab File: BN009598.D

Acq: 05 Feb 2020 12:38

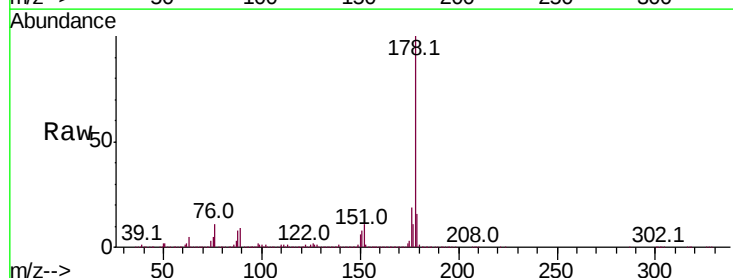
Tgt Ion:178 Resp:10129897

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.2

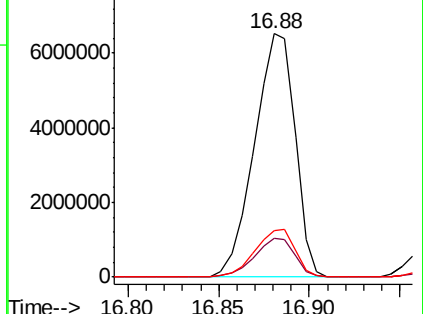
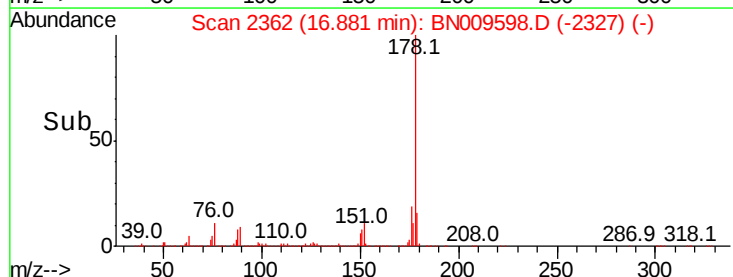
176 19.3 14.8 22.2

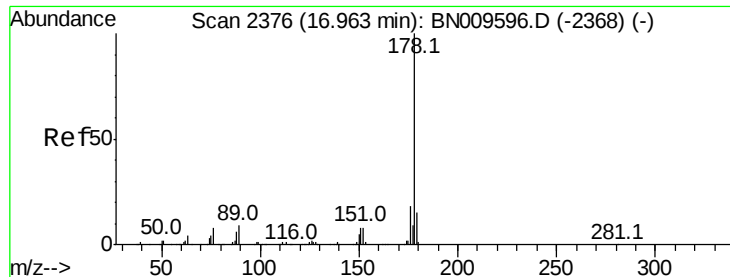


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





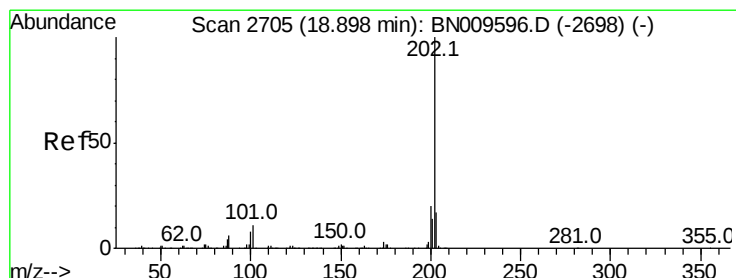
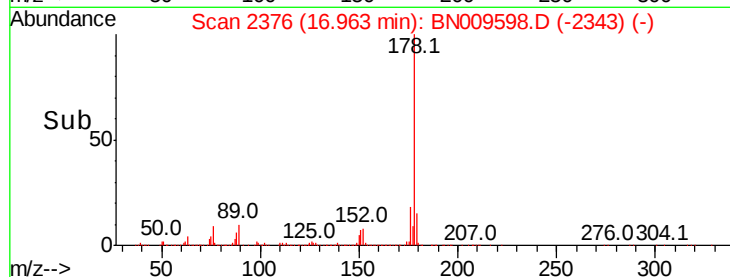
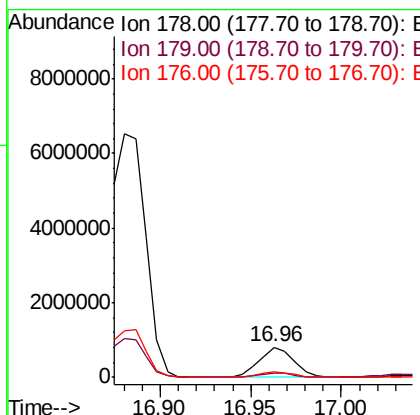
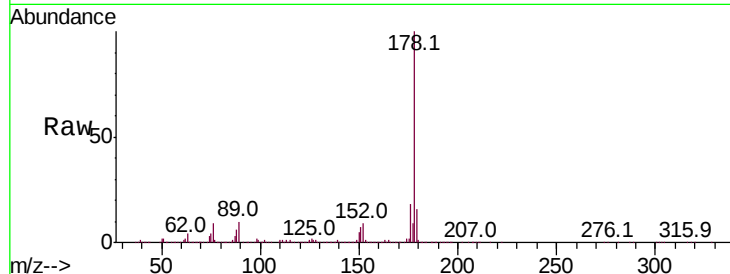
#71
 Anthracene
 Concen: 26.419 ng/ul
 RT: 16.96 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BN009598.D
 Acq: 05 Feb 2020 12:38

Instrument :
 BNA_N
 ClientSampleId :
 GASZ7ME

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	17.8	14.6	21.8

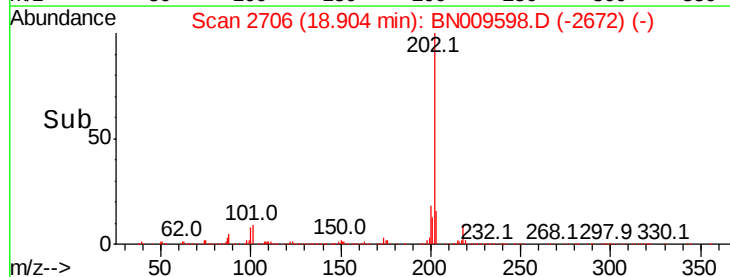
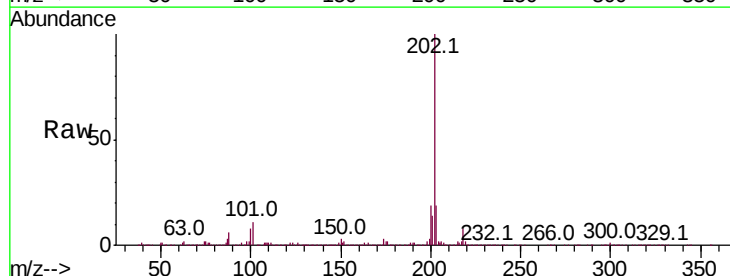
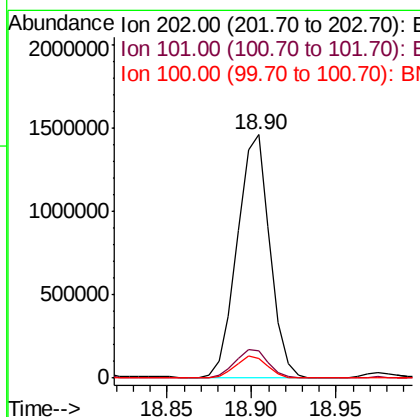
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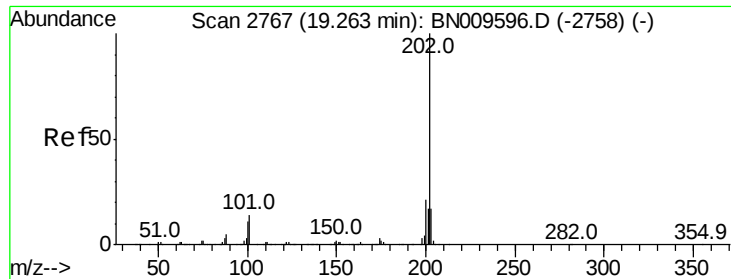
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#76
 Fluoranthene
 Concen: 43.322 ng/ul
 RT: 18.90 min Scan# 2706
 Delta R.T. 0.00 min
 Lab File: BN009598.D
 Acq: 05 Feb 2020 12:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.2	13.8
100	8.1	6.9	10.3





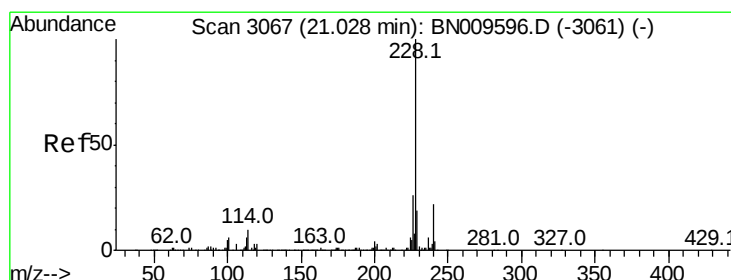
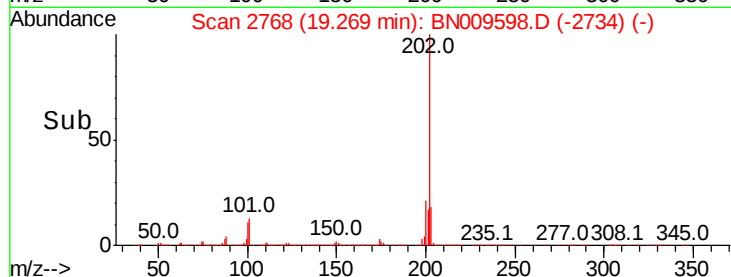
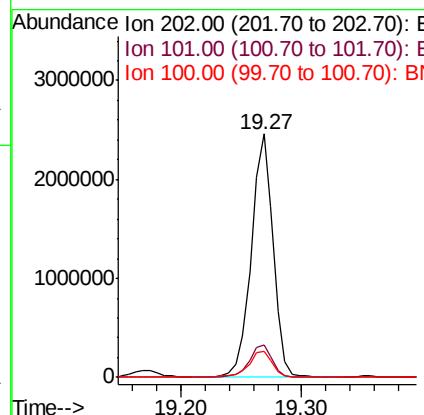
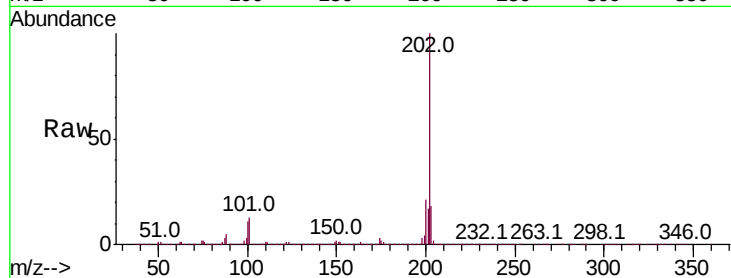
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Pvrene
Concen: 68.790 ng/ul
RT: 19.27 min Scan# 2768
Delta R.T. 0.00 min
Lab File: BN009598.D
Acq: 05 Feb 2020 12:38

Instrument :
BNA_N
ClientSampleId :
GASZ7ME

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.3	15.5
100	10.8	8.4	12.6

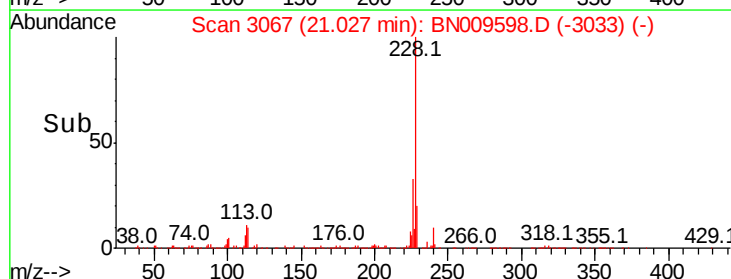
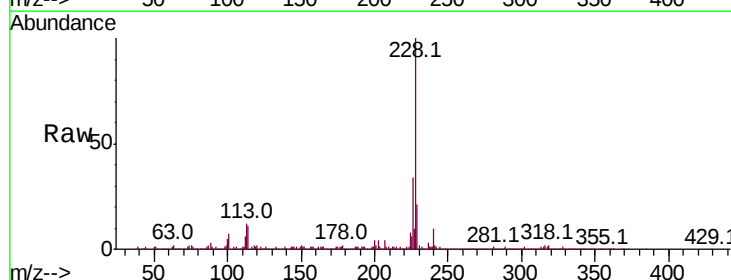
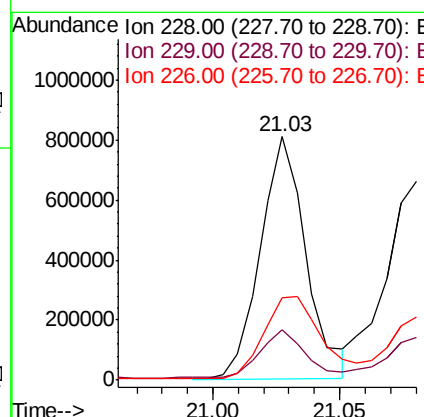
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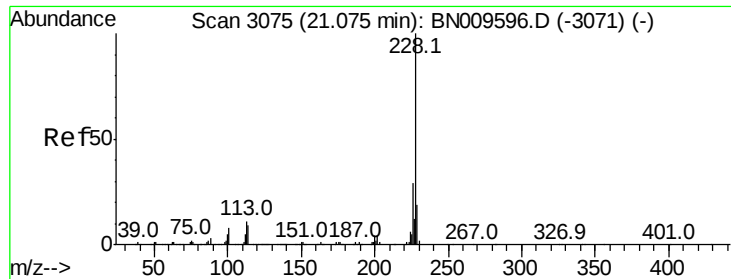
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#82
Benzo(a)anthracene
Concen: 24.002 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. 0.00 min
Lab File: BN009598.D
Acq: 05 Feb 2020 12:38

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.0	22.4
226	34.0	20.9	31.3





#84

Chrysene

Concen: 21.254 ng/ul

RT: 21.08 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BN009598.D

Acq: 05 Feb 2020 12:38

Instrument :

BNA_N

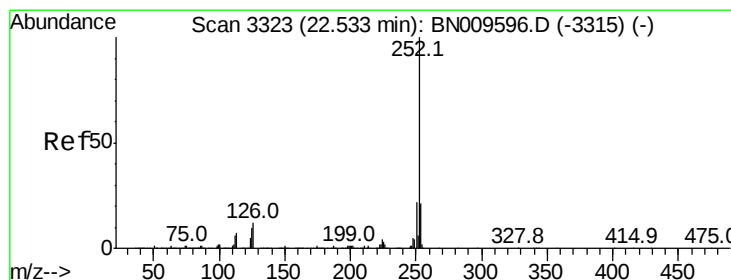
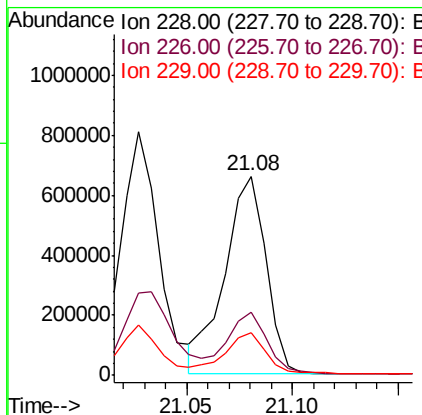
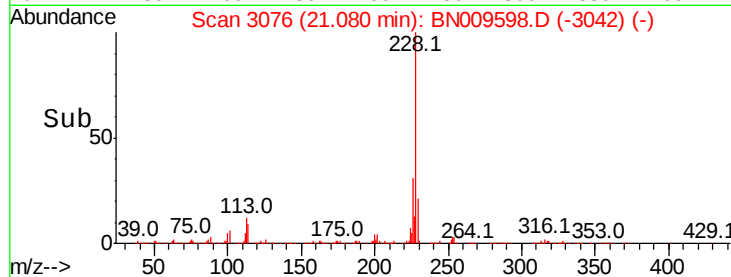
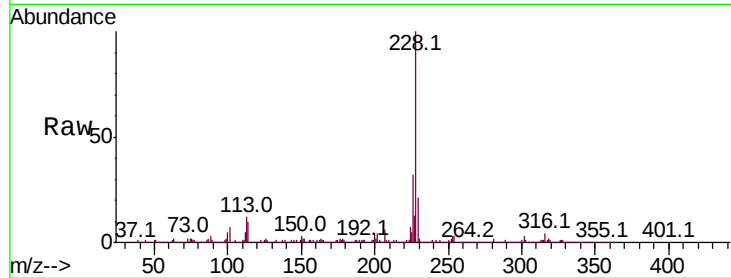
ClientSampled :

GASZ7ME

Tot Ion:	228	Resp:	898999
Ion Ratio	Lower	Upper	
228	100		
226	31.6	23.5	35.3
229	21.3	15.8	23.8

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#87

Benzo(b)fluoranthene

Concen: 12.364 ng/ul

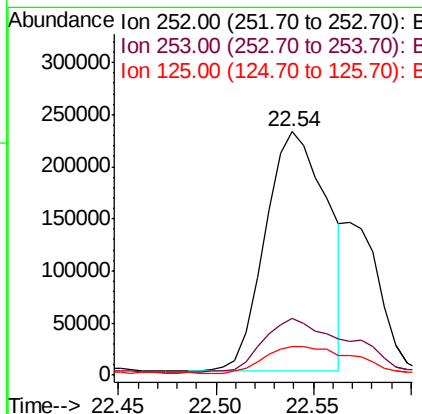
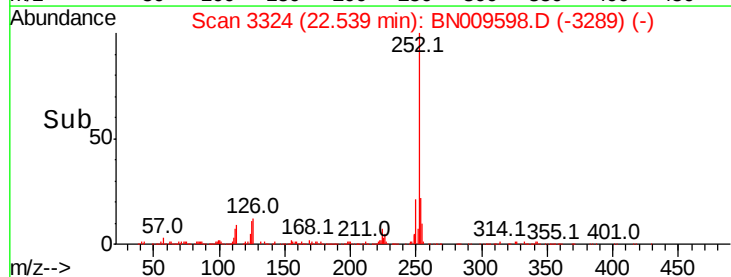
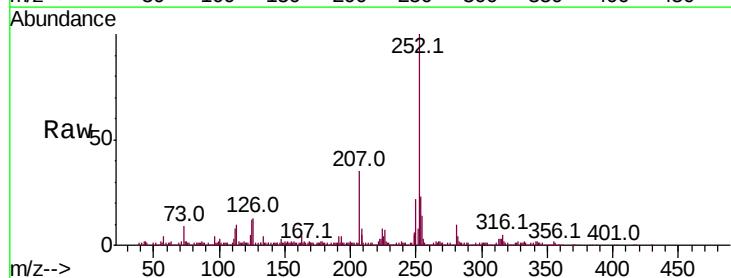
RT: 22.54 min Scan# 3324

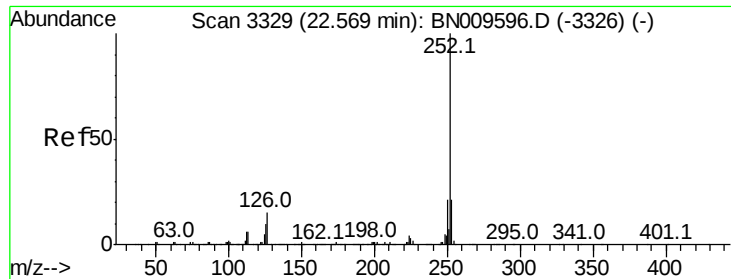
Delta R.T. 0.01 min

Lab File: BN009598.D

Acq: 05 Feb 2020 12:38

Tgt Ion:	252	Resp:	510244
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.0	25.6
125	11.9	8.2	12.2





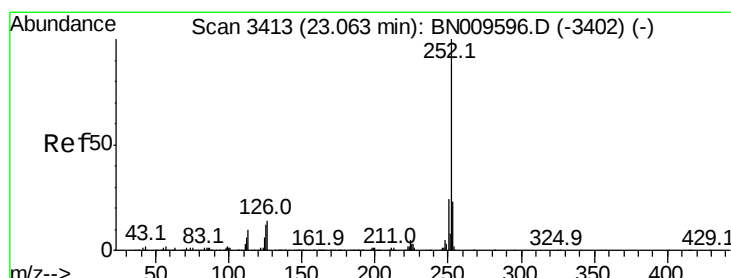
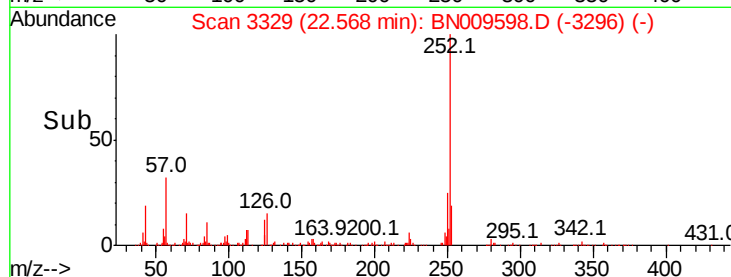
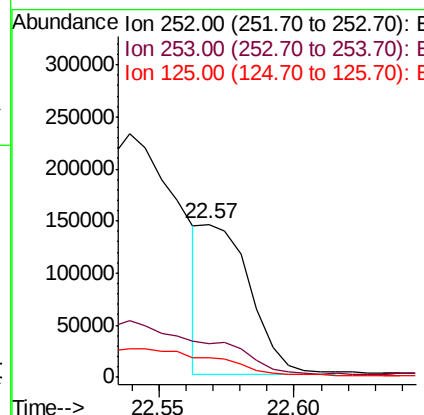
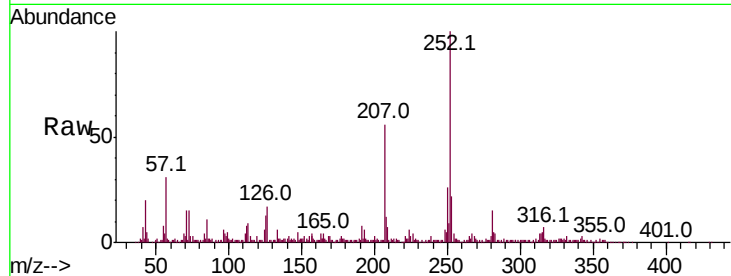
#88
Benzo(k)fluoranthene
Concen: 4.341 ng/ul m
RT: 22.57 min Scan# 3329
Delta R.T. -0.01 min
Lab File: BN009598.D
Acq: 05 Feb 2020 12:38

Instrument :
BNA_N
ClientSampleId :
GASZ7ME

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	12.6	8.0	12.0

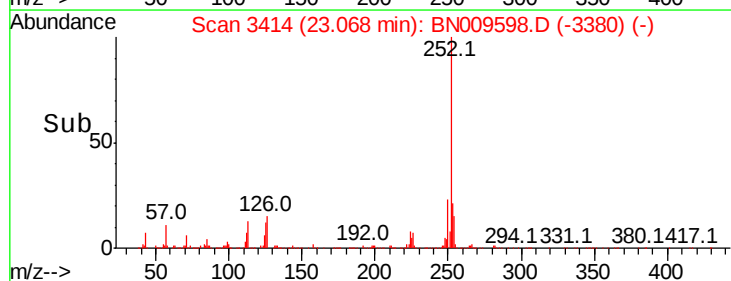
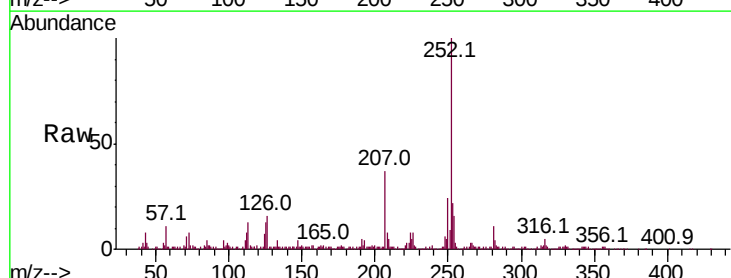
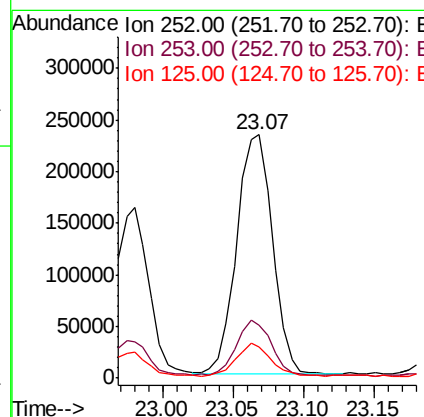
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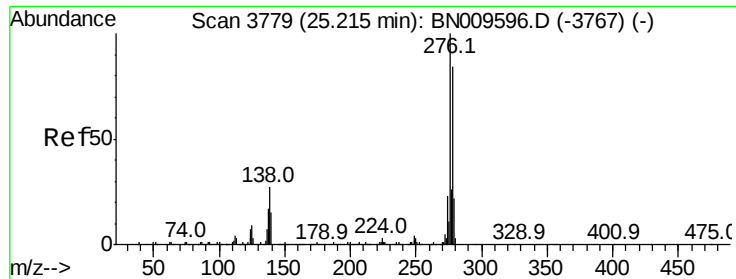
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#90
Benzo(a)pyrene
Concen: 10.792 ng/ul
RT: 23.07 min Scan# 3414
Delta R.T. 0.00 min
Lab File: BN009598.D
Acq: 05 Feb 2020 12:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	15.8	23.8
125	12.7	8.7	13.1





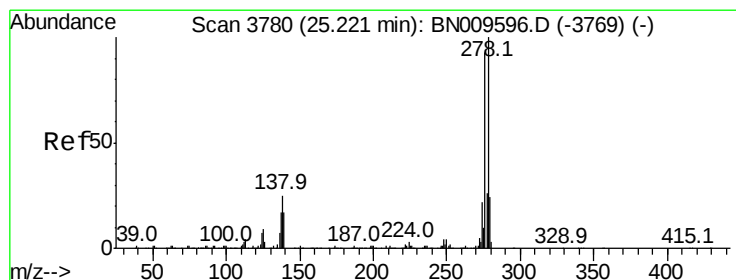
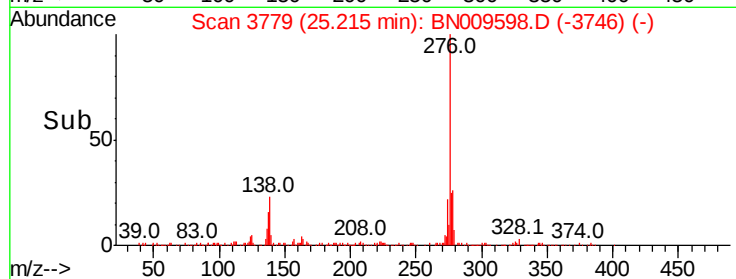
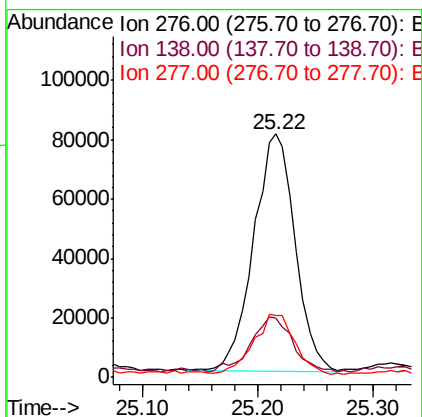
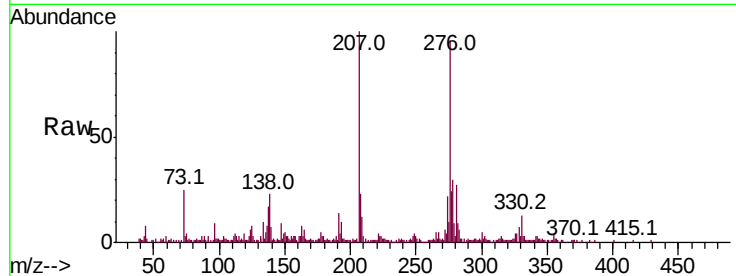
#91
Indeno(1,2,3-cd)pyrene
Concen: 4.394 ng/ul
RT: 25.22 min Scan# 3779
Delta R.T. -0.01 min
Lab File: BN009598.D
Acq: 05 Feb 2020 12:38

Instrument :
BNA_N
ClientSampleId :
GASZ7ME

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.3	30.5
277	25.6	21.2	31.8

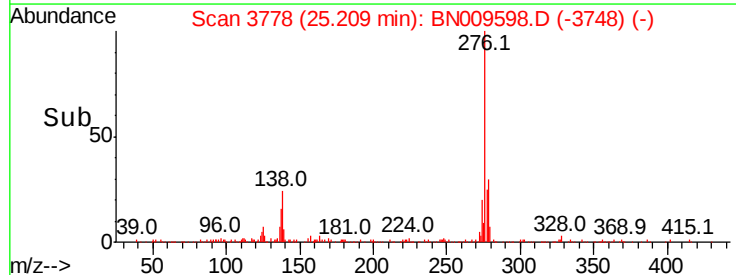
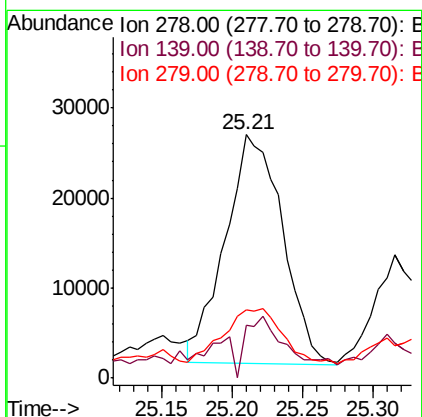
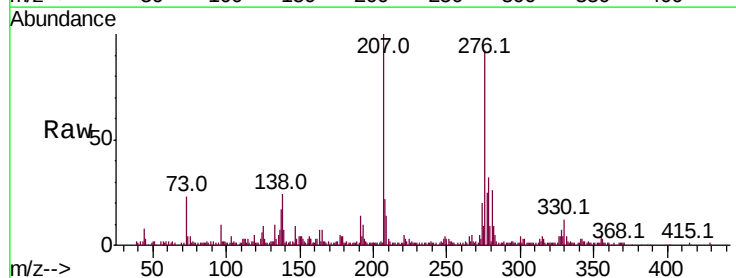
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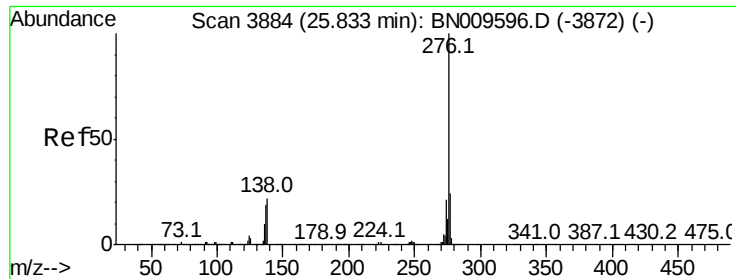
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#92
Dibenzo(a,h)anthracene
Concen: 1.894 ng/ul
RT: 25.21 min Scan# 3778
Delta R.T. -0.02 min
Lab File: BN009598.D
Acq: 05 Feb 2020 12:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	12.7	19.1#
279	28.2	19.8	29.8





#93

Benzo(a,h,i)perylene

Concen: 4.333 ng/ul

RT: 25.84 min Scan# 3885

Delta R.T. -0.01 min

Lab File: BN009598.D

Acq: 05 Feb 2020 12:38

Instrument :

BNA_N

ClientSampleId :

GASZ7ME

Tot Ion:	276	Resp:	165093
Ion Ratio	Lower	Upper	
276	100		
138	22.7	16.0	24.0
277	21.0	17.0	25.6

Manual Integrations
APPROVED

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