

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
 Data File : BN005595.D
 Acq On : 10 May 2019 19:05
 Operator : JU/SJ
 Sample : K2603-17ME
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 GAJ69ME

Manual Integrations
 APPROVED

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 5/13/2019 8:26:15 AM

Quant Time: May 10 23:29:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 07 05:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	124743	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	516296	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	311906	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	679056	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	668863	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	705312	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	9578	3.71	ng/uL	0.00
5) Phenol-d5	6.77	99	194333	19.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	119561	19.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	169499	22.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	158812	20.74	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	91276	28.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	104010	32.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	184093	24.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	259843	34.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	580098	25.62	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	722294	25.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	63067	17.64	ng/ul	0.00
57) Fluorene-d10	15.22	176	499603	26.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	53478	17.51	ng/ul	0.00
70) Anthracene-d10	17.07	188	767377	26.96	ng/ul	0.00
78) Pyrene-d10	19.39	212	880009	25.72	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	835715	27.11	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.40	128	12140456	505.815	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	6361567	361.980	ng/ul	99
40) 1,1'-Biphenyl	13.05	154	708603	30.491	ng/ul#	98
44) Dimethylphthalate	13.68	163	65736	2.914	ng/ul#	94
47) Acenaphthylene	13.94	152	3127474	114.437	ng/ul	98
49) Acenaphthene	14.28	153	296795	15.908	ng/ul	97
53) Dibenzofuran	14.62	168	472637	17.595	ng/ul	98
58) Fluorene	15.27	166	1786230	85.217	ng/ul	98
69) Phenanthrene	17.02	178	7547180	228.211	ng/ul	98
71) Anthracene	17.11	178	1751689	51.995	ng/ul	99
74) Carbazole	17.38	167	131976	4.560	ng/ul	96
76) Fluoranthene	19.05	202	2492163	67.939	ng/ul	96
79) Pyrene	19.42	202	3331781	77.365	ng/ul#	94
82) Benzo(a)anthracene	21.20	228	1156596m	27.796	ng/ul	
84) Chrysene	21.25	228	1011384	26.189	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	758512	19.131	ng/ul	98
88) Benzo(k)fluoranthene	22.81	252	172771m	4.563	ng/ul	
90) Benzo(a)pyrene	23.33	252	751496	20.165	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.61	276	250143	6.071	ng/ul	98
92) Dibenzo(a,h)anthracene	25.61	278	76513	2.188	ng/ul	94
93) Benzo(a,h,i)perylene	26.27	276	194567	5.711	ng/ul	95

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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

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

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

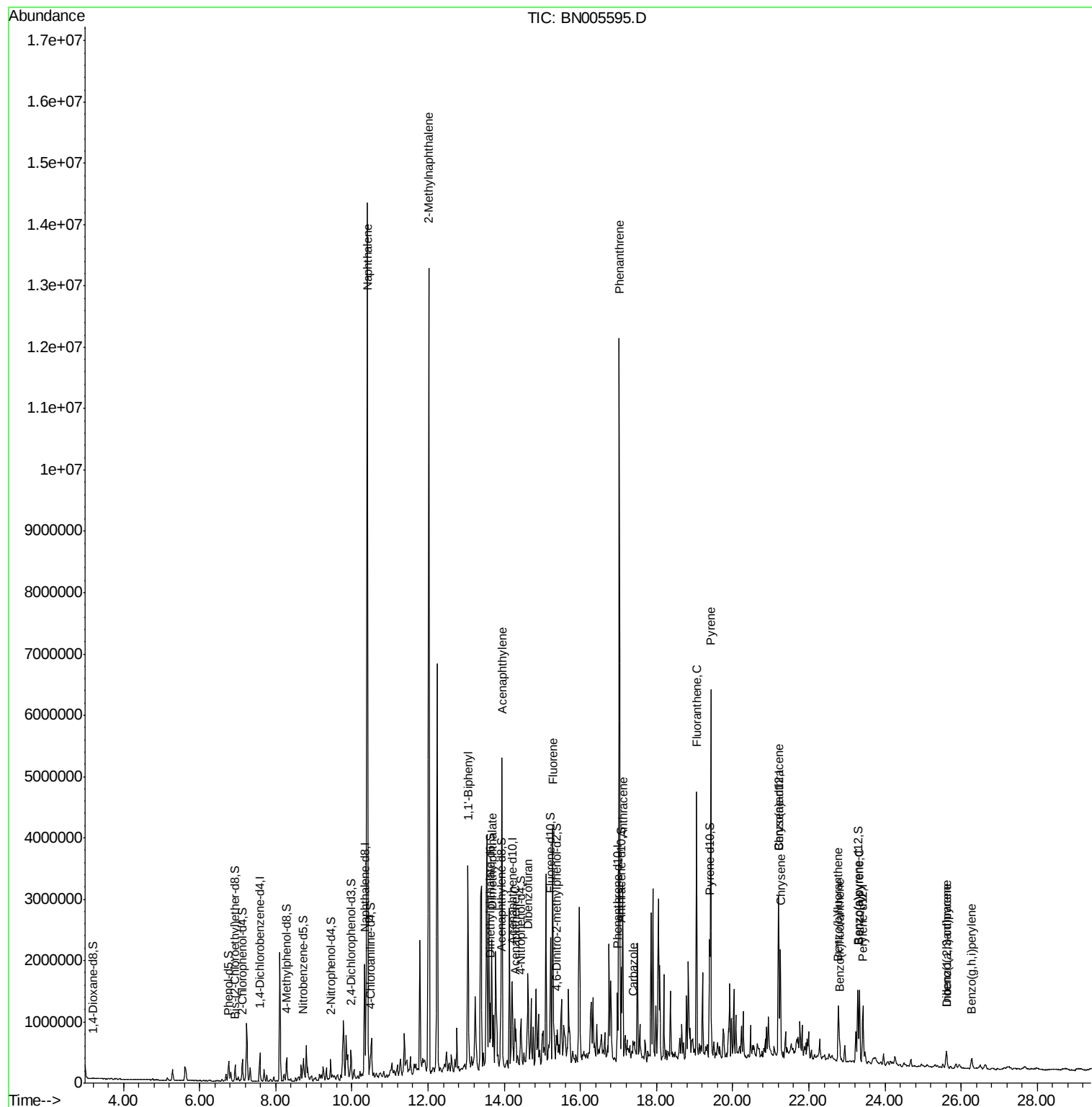
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
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Operator : JU/SJ
Sample : K2603-17ME
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ALS Vial : 10 Sample Multiplier: 1

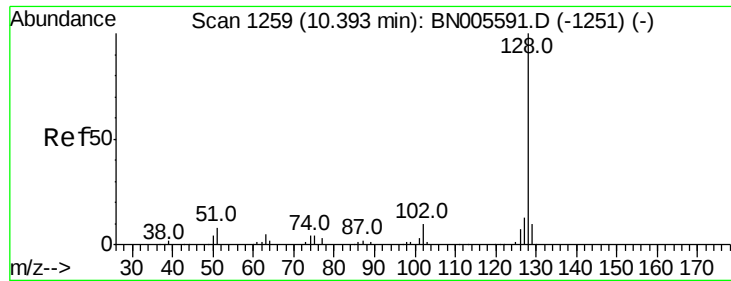
Instrument :
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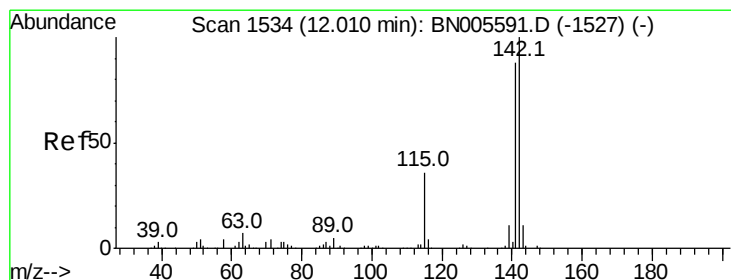
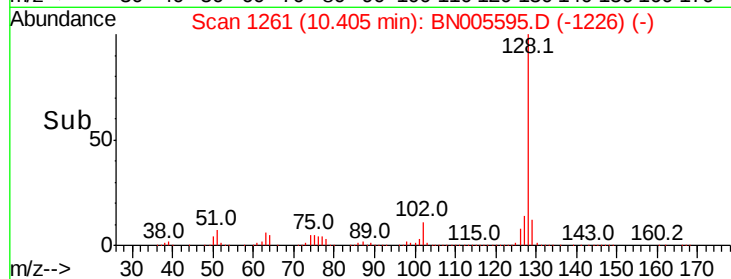
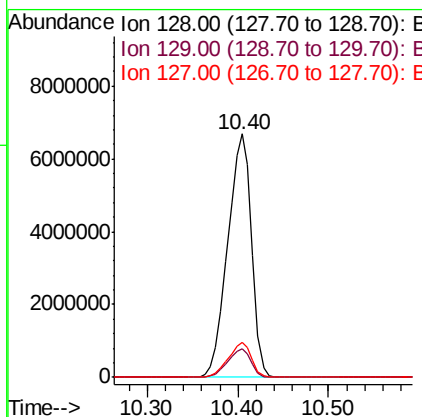
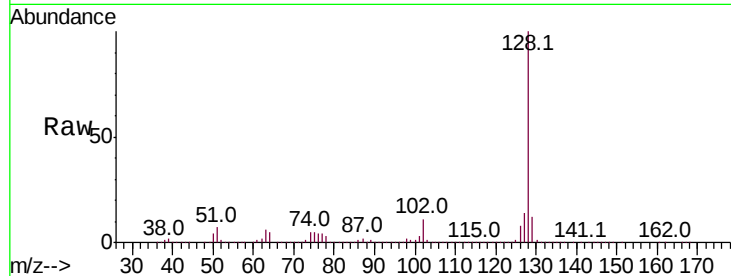
#28
Naphthalene
Concen: 505.815 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BN005595.D
Acq: 10 May 2019 19:05

Instrument :
BNA_N
ClientSampleId :
GAJ69ME

Tot Ion:128 Resp:12140456
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 14.2 10.7 16.1

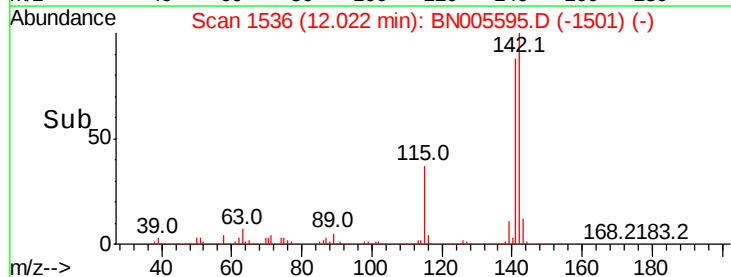
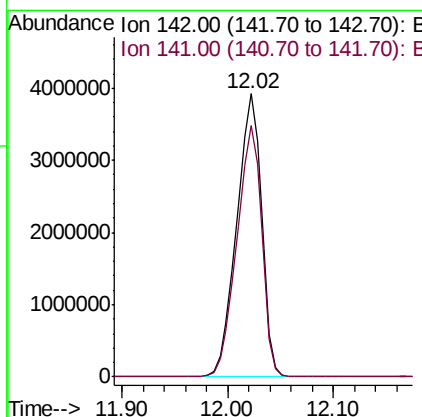
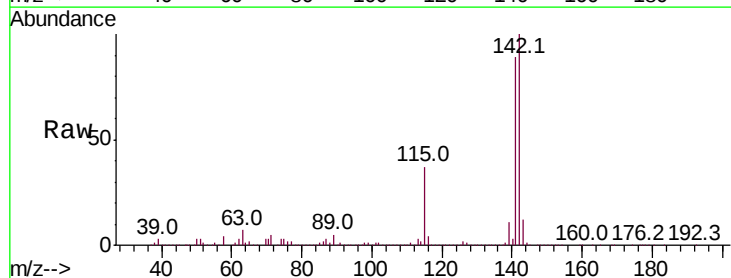
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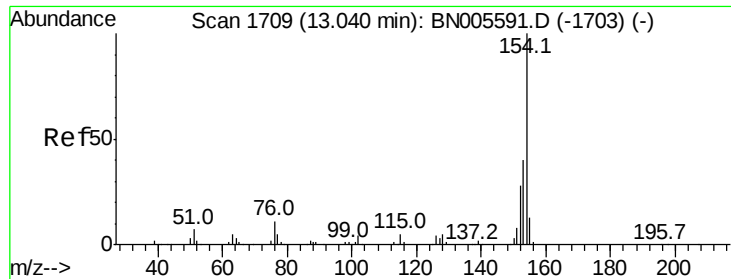
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#34
2-Methylnaphthalene
Concen: 361.980 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BN005595.D
Acq: 10 May 2019 19:05

Tgt Ion:142 Resp: 6361567
Ion Ratio Lower Upper
142 100
141 88.6 72.0 108.0





#40

1,1'-Biphenyl

Concen: 30.491 ng/ul

RT: 13.05 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BN005595.D

Acq: 10 May 2019 19:05

Instrument :

BNA_N

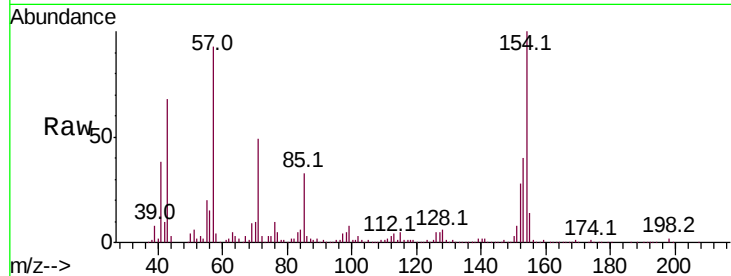
ClientSampleId :

GAJ69ME

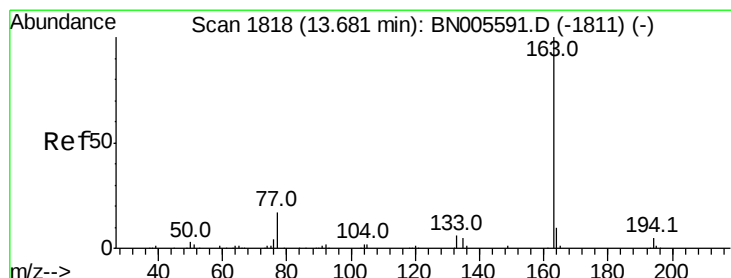
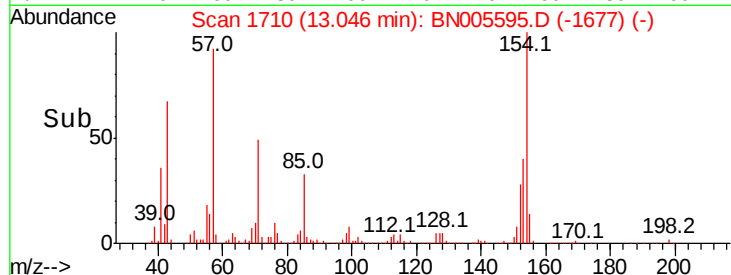
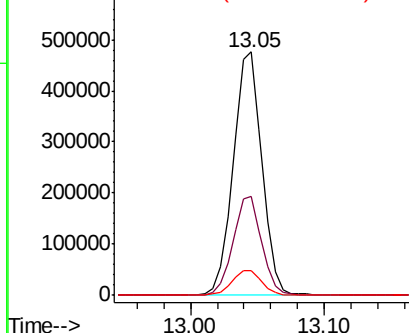
Tot Ion:	154	Resp:	708603
Ion Ratio	Lower	Upper	
154	100		
153	40.5	32.6	49.0
76	10.1	10.4	15.6#

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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): BNO



#44

Dimethylphthalate

Concen: 2.914 ng/ul

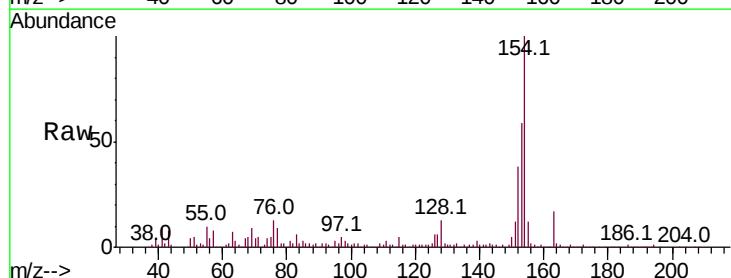
RT: 13.68 min Scan# 1818

Delta R.T. -0.01 min

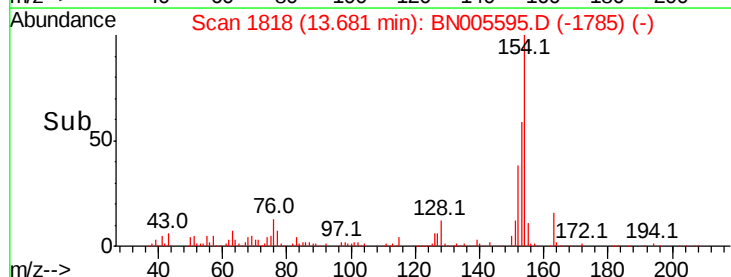
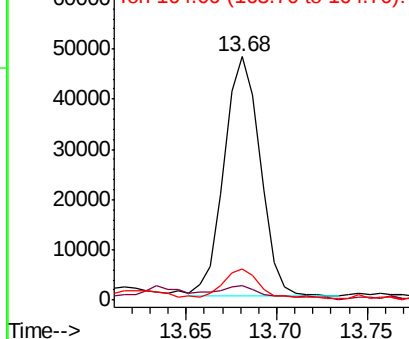
Lab File: BN005595.D

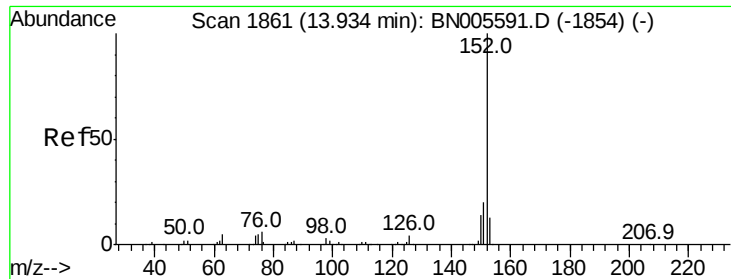
Acq: 10 May 2019 19:05

Tgt Ion:	163	Resp:	65736
Ion Ratio	Lower	Upper	
163	100		
194	6.0	3.4	5.0#
164	12.6	8.1	12.1#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#47

Acenaphthylene

Concen: 114.437 ng/ul

RT: 13.94 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BN005595.D

Acq: 10 May 2019 19:05

Instrument :

BNA_N

ClientSampled :

GAJ69ME

Tot Ion:152 Resp: 3127474

Ion Ratio Lower Upper

152 100

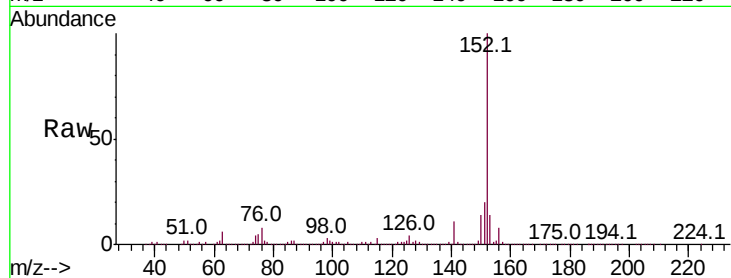
151 19.9 15.8 23.8

153 14.4 9.8 14.8

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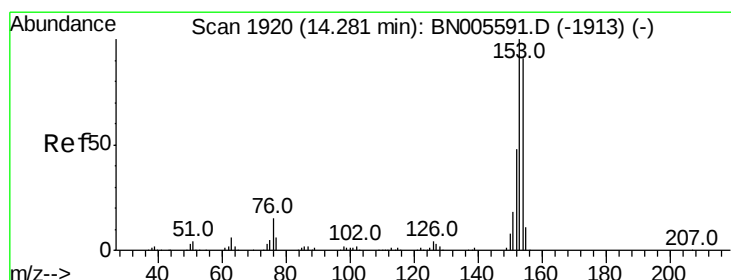
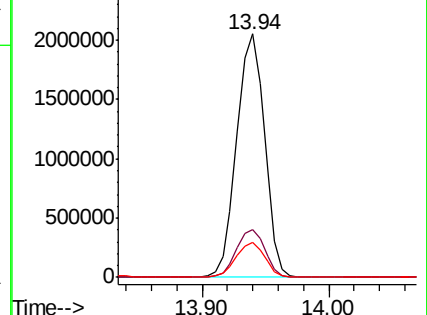
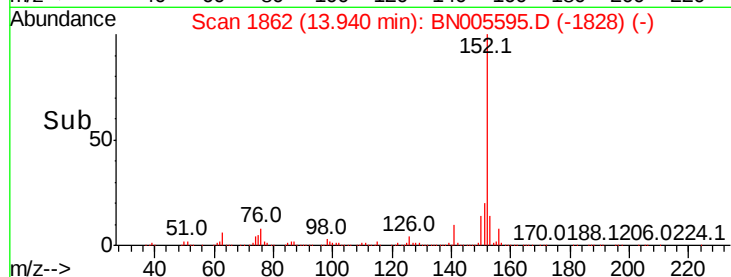
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 15.908 ng/ul

RT: 14.28 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BN005595.D

Acq: 10 May 2019 19:05

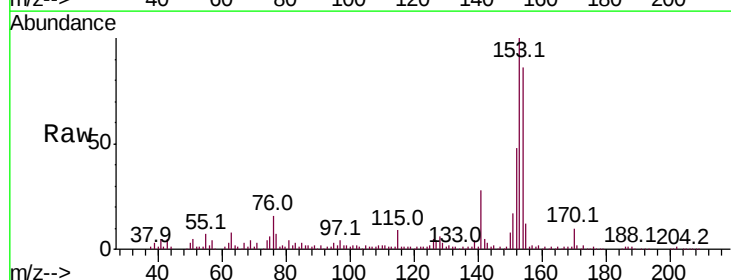
Tgt Ion:153 Resp: 296795

Ion Ratio Lower Upper

153 100

152 48.4 37.4 56.0

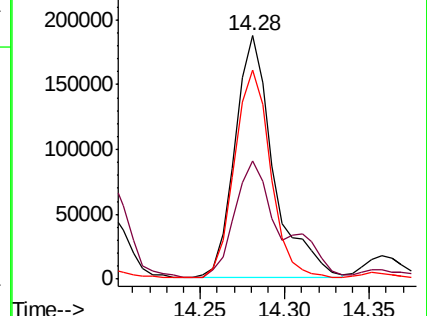
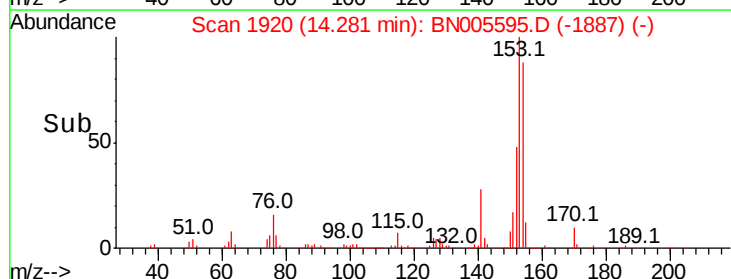
154 85.7 71.2 106.8

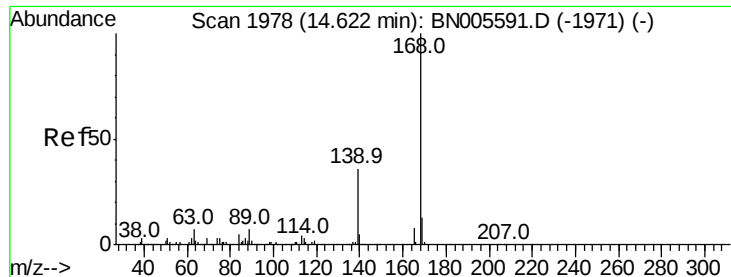


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





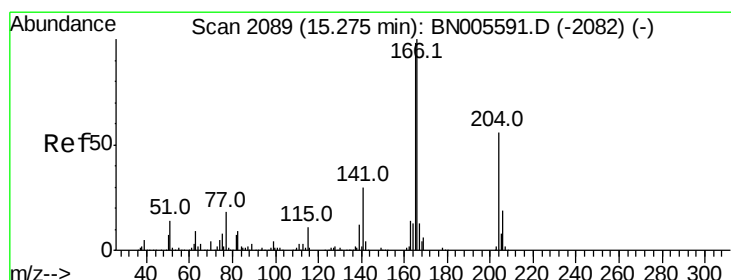
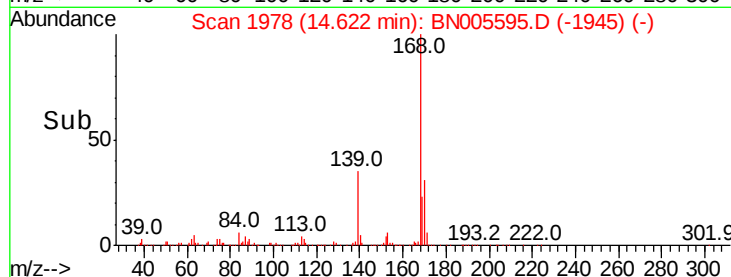
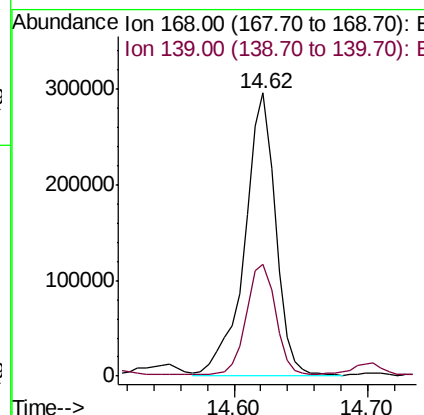
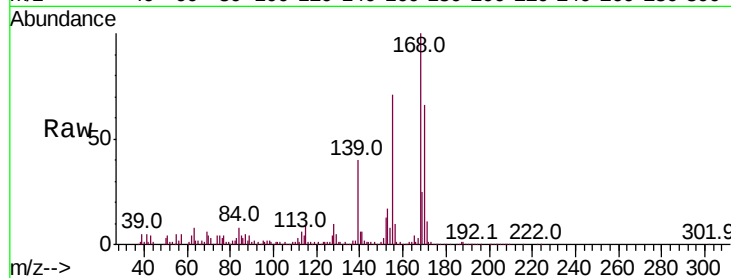
#53
Dibenzenofuran
Concen: 17.595 ng/ul
RT: 14.62 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BN005595.D
Acq: 10 May 2019 19:05

Instrument :
BNA_N
ClientSampleId :
GAJ69ME

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.9	46.3

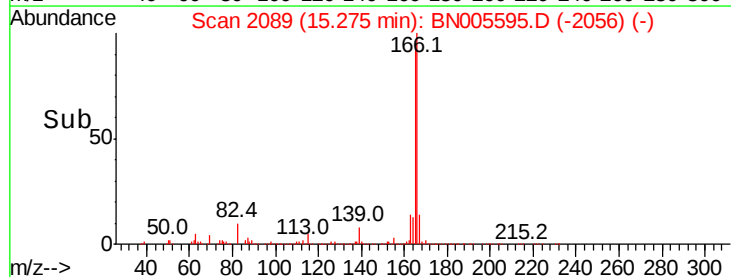
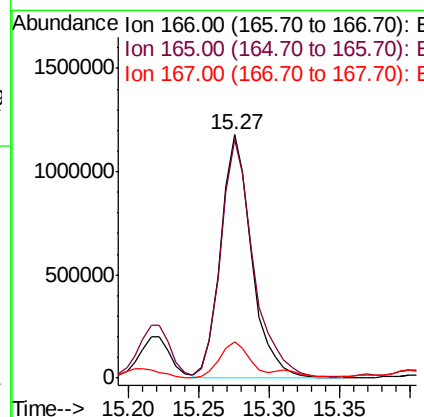
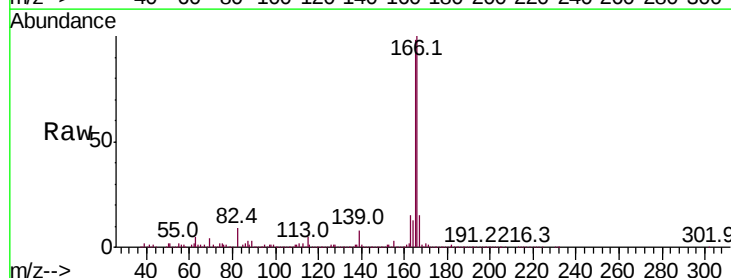
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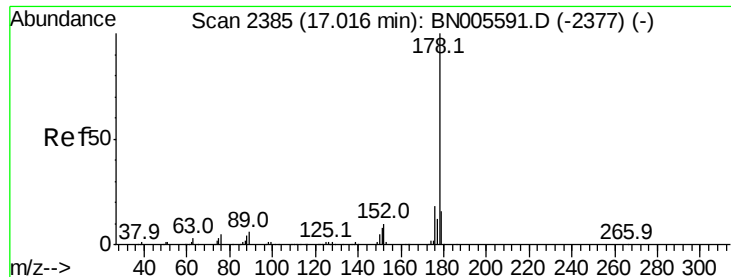
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#58
Fluorene
Concen: 85.217 ng/ul
RT: 15.27 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BN005595.D
Acq: 10 May 2019 19:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	80.0	120.0
167	14.8	10.7	16.1





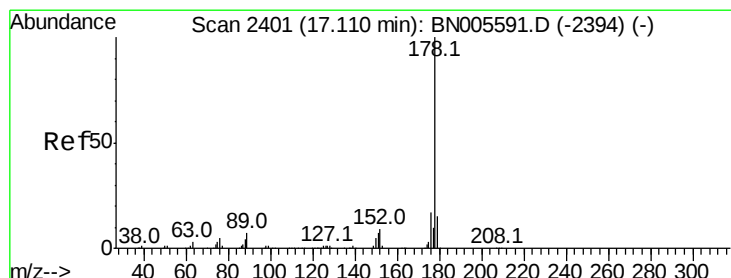
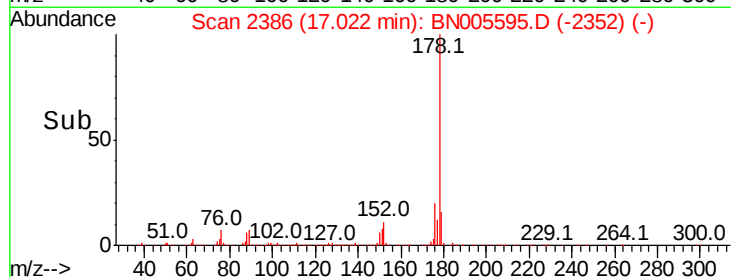
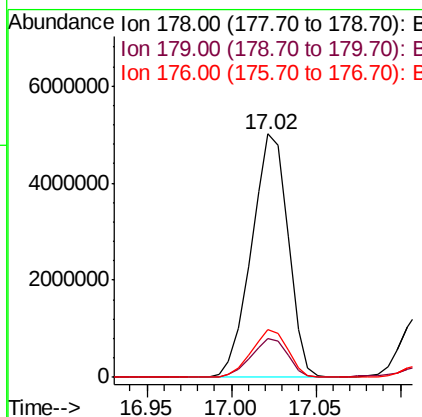
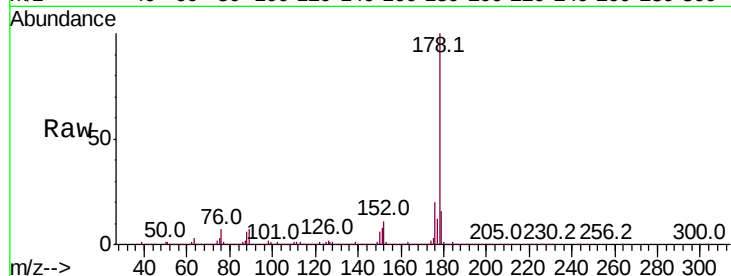
#69
Phenanthrene
Concen: 228.211 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BN005595.D
Acq: 10 May 2019 19:05

Instrument :
BNA_N
ClientSampleId :
GAJ69ME

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.4
176	19.6	15.1	22.7

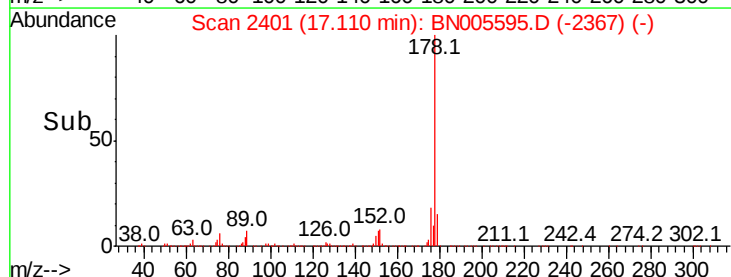
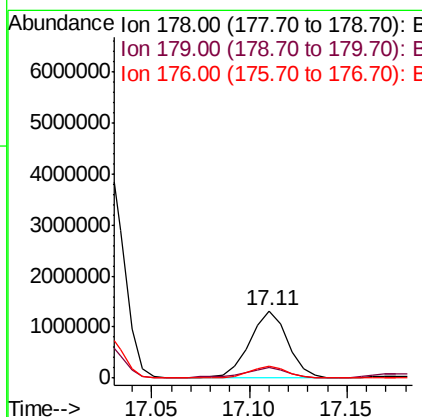
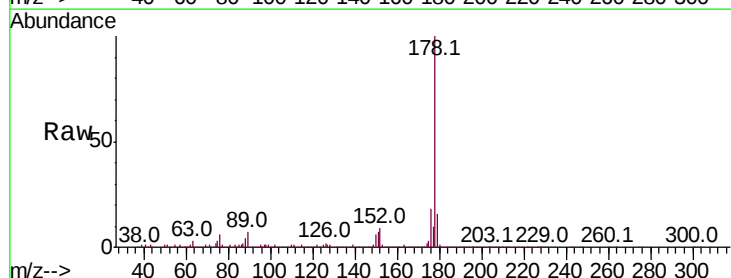
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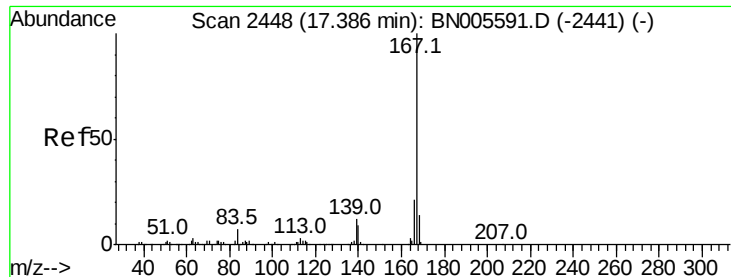
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#71
Anthracene
Concen: 51.995 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BN005595.D
Acq: 10 May 2019 19:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.3	15.1	22.7





#74

Carbazole

Concen: 4.560 ng/ul

RT: 17.38 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BN005595.D

Acq: 10 May 2019 19:05

Instrument :

BNA_N

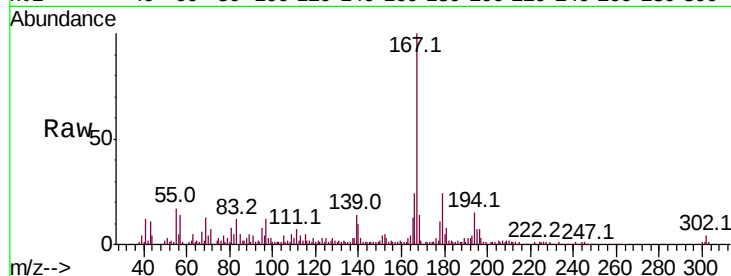
ClientSampleId :

GAJ69ME

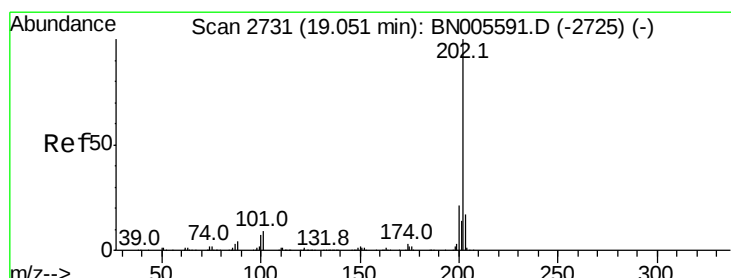
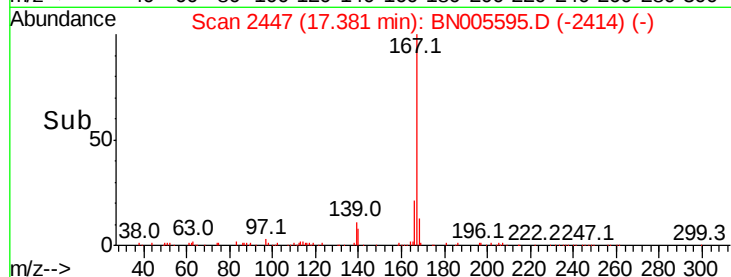
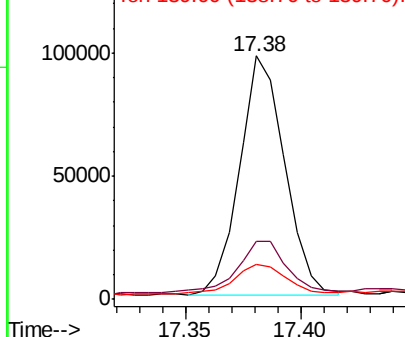
Tot Ion:	167	Resp:	131976
Ion Ratio	Lower	Upper	
167	100		
166	23.8	17.2	25.8
139	14.2	10.6	16.0

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#76

Fluoranthene

Concen: 67.939 ng/ul

RT: 19.05 min Scan# 2731

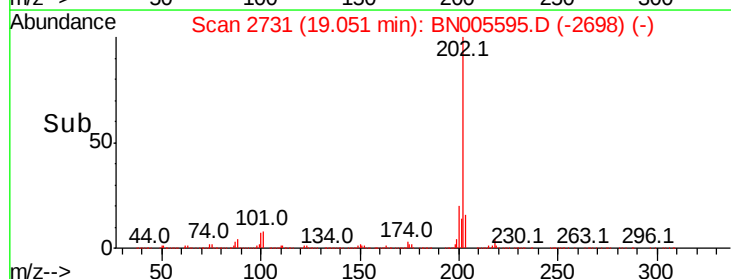
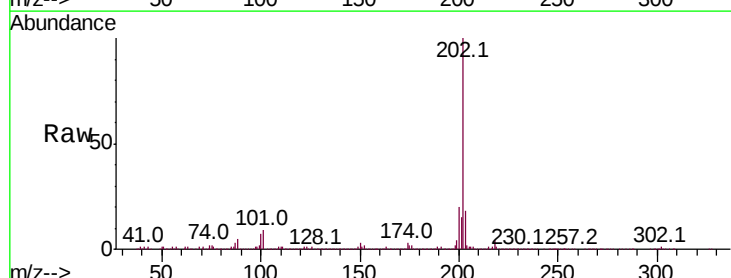
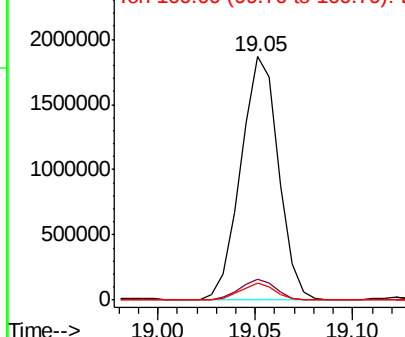
Delta R.T. -0.01 min

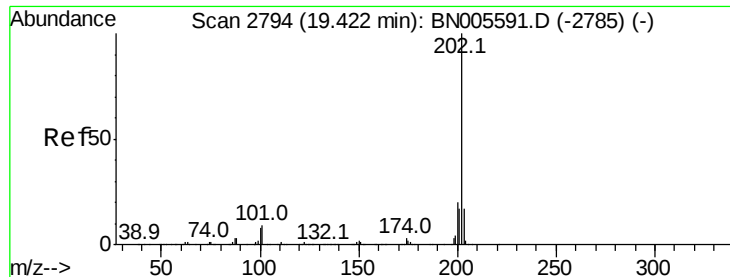
Lab File: BN005595.D

Acq: 10 May 2019 19:05

Tgt Ion:	202	Resp:	2492163
Ion Ratio	Lower	Upper	
202	100		
101	8.6	8.6	12.8
100	6.8	6.3	9.5

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





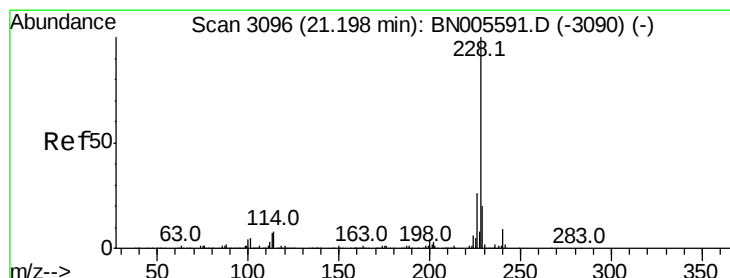
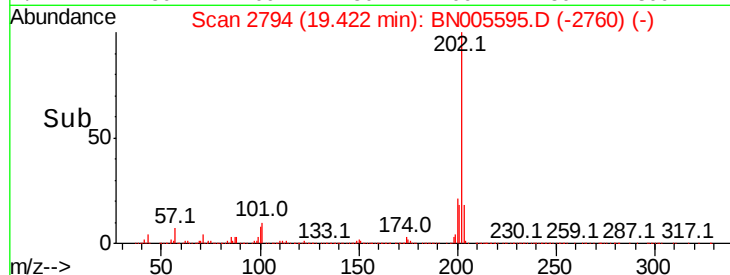
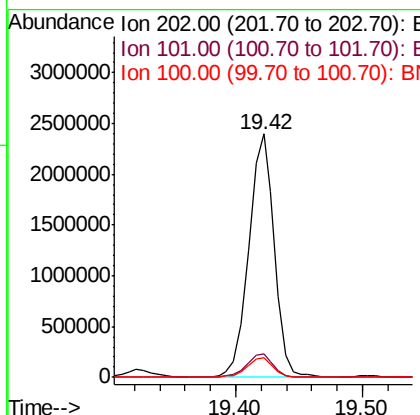
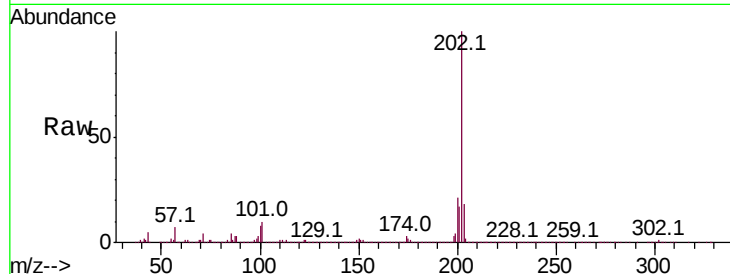
#79
 Pvrene
 Concen: 77.365 ng/ul
 RT: 19.42 min Scan# 2794
 Delta R.T. 0.00 min
 Lab File: BN005595.D
 Acq: 10 May 2019 19:05

Instrument :
 BNA_N
 ClientSampleId :
 GAJ69ME

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	10.3	15.5#
100	8.1	7.9	11.9

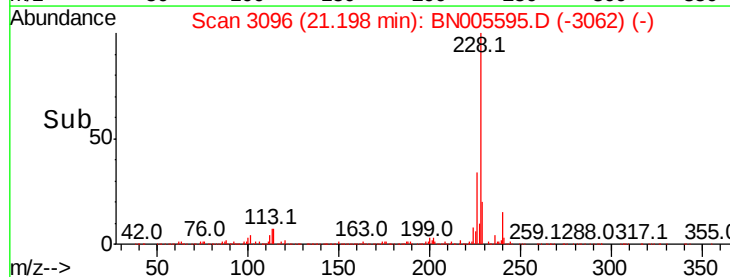
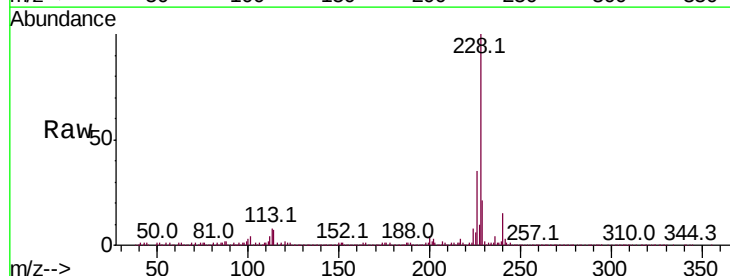
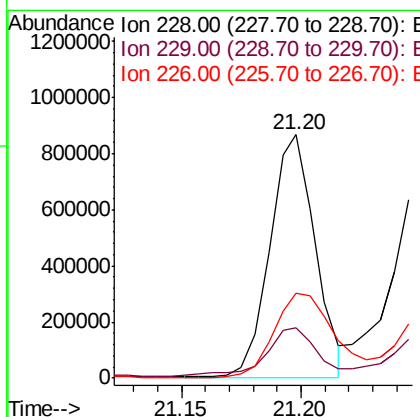
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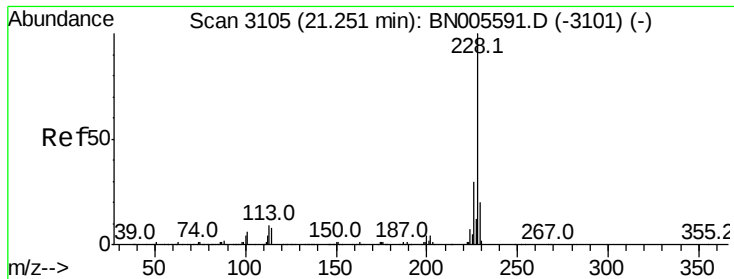
mohammad
 5/13/2019 8:26:15 AM



#82
 Benzo(a)anthracene
 Concen: 27.796 ng/ul m
 RT: 21.20 min Scan# 3096
 Delta R.T. 0.00 min
 Lab File: BN005595.D
 Acq: 10 May 2019 19:05

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.6
226	34.6	21.4	32.2#





#84

Chrysene

Concen: 26.189 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BN005595.D

Acq: 10 May 2019 19:05

Instrument :

BNA_N

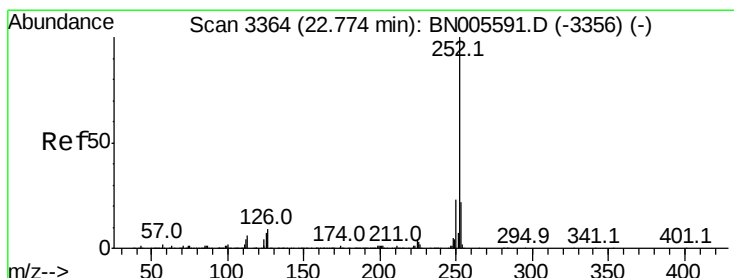
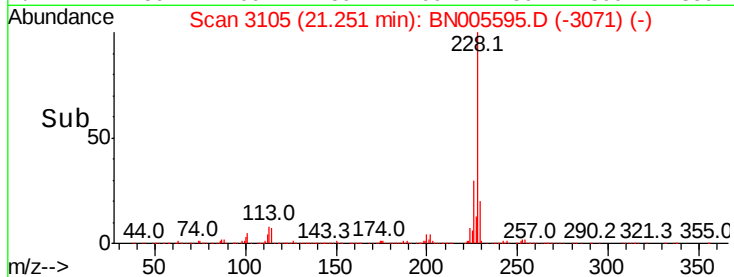
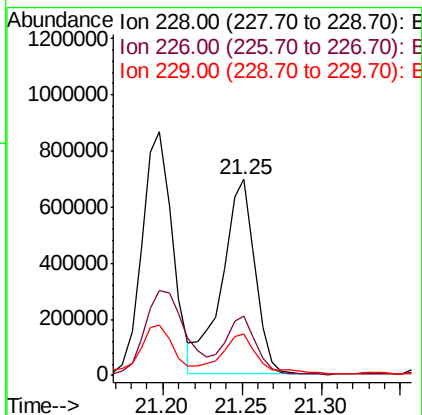
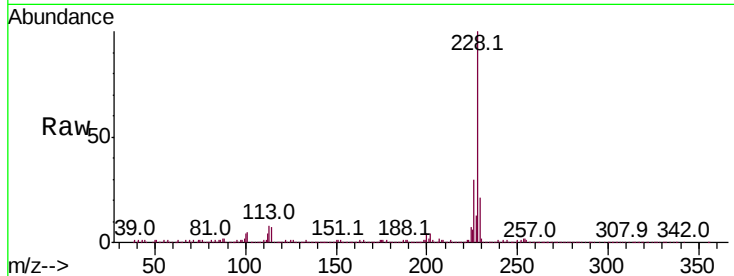
ClientSampleId :

GAJ69ME

Tot Ion:	228	Resp:	1011384
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	21.0	15.4	23.0

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#87

Benzo(b)fluoranthene

Concen: 19.131 ng/ul

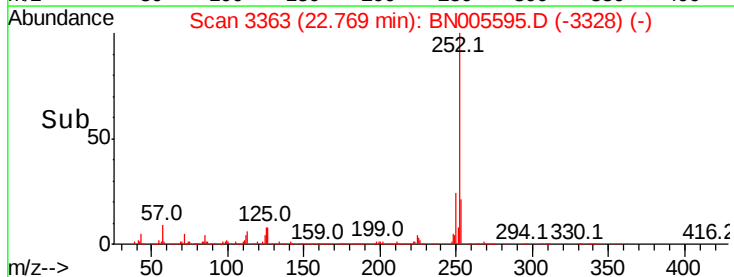
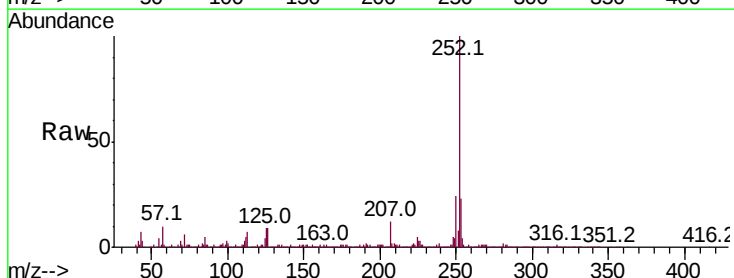
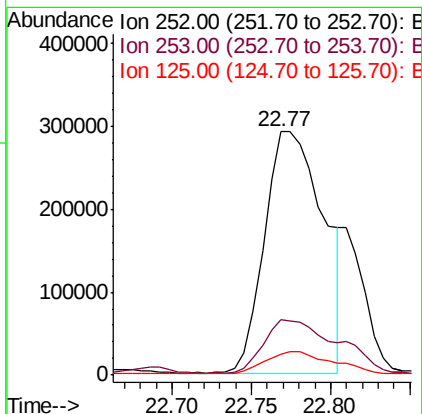
RT: 22.77 min Scan# 3363

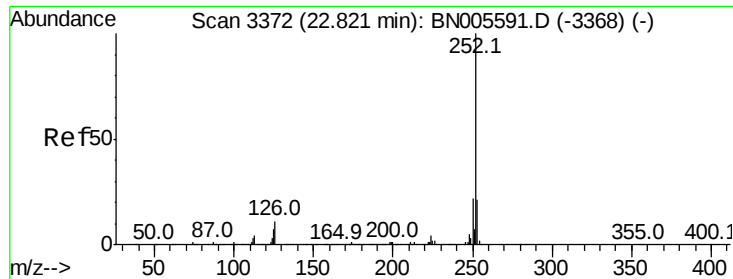
Delta R.T. 0.01 min

Lab File: BN005595.D

Acq: 10 May 2019 19:05

Tgt Ion:	252	Resp:	758512
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	8.8	8.4	12.6





#88

Benzo(k)fluoranthene

Concen: 4.563 ng/ul m

RT: 22.81 min Scan# 3370

Delta R.T. 0.00 min

Lab File: BN005595.D

Acq: 10 May 2019 19:05

Instrument :

BNA_N

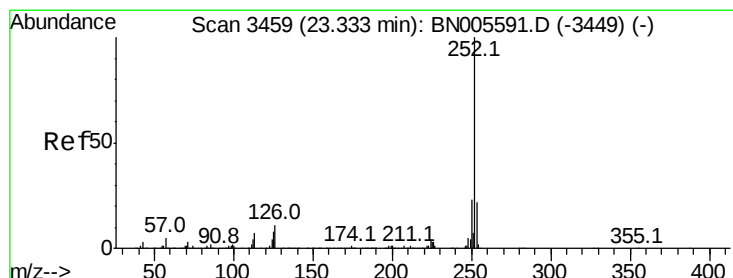
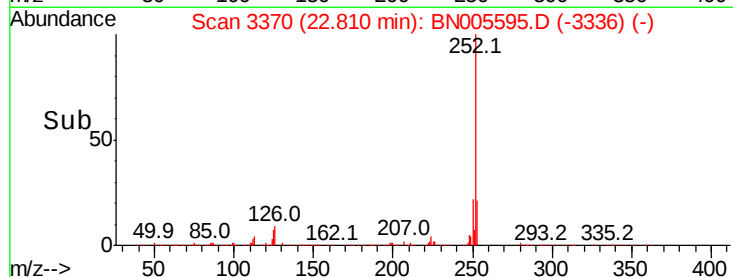
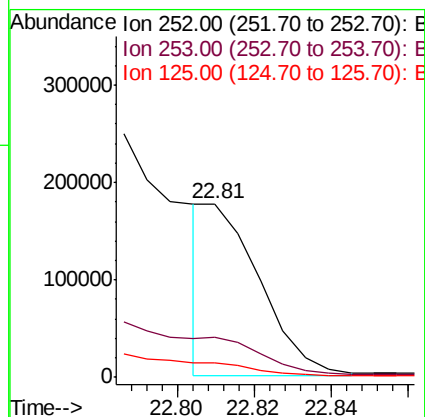
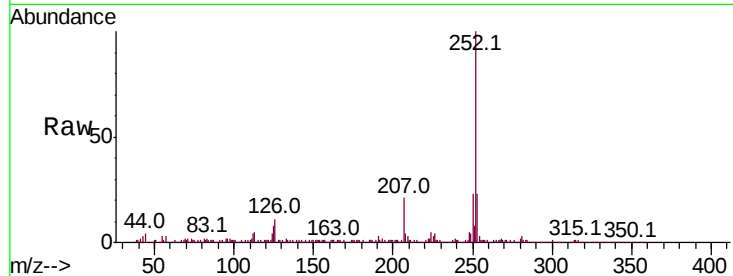
ClientSampleId :

GAJ69ME

Tot Ion:	252	Resp:	172771
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.4	26.0
125	8.3	7.5	11.3

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#90

Benzo(a)pyrene

Concen: 20.165 ng/ul

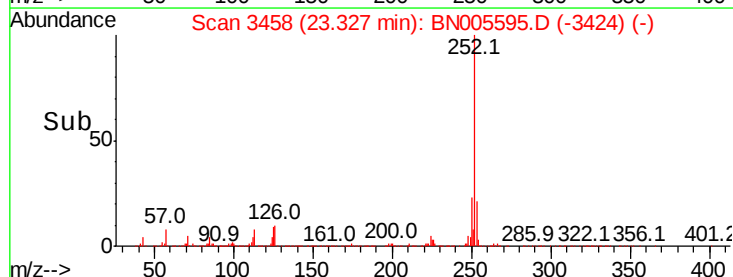
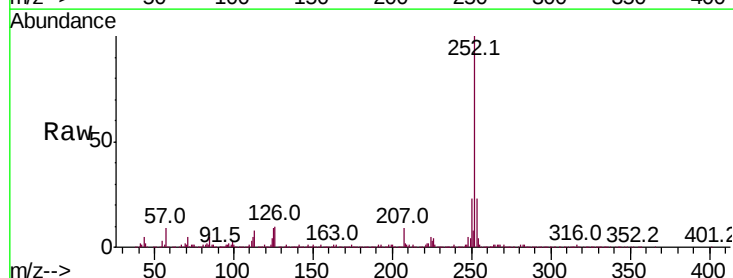
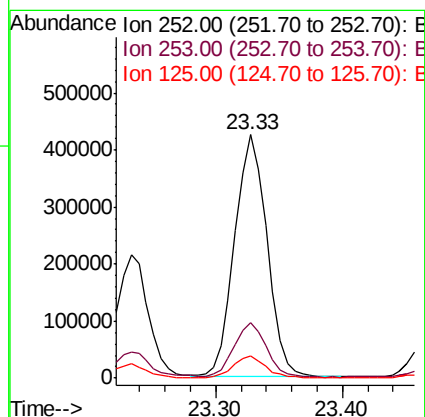
RT: 23.33 min Scan# 3458

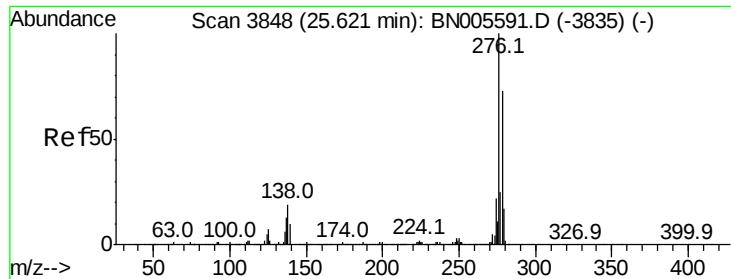
Delta R.T. 0.00 min

Lab File: BN005595.D

Acq: 10 May 2019 19:05

Tgt Ion:	252	Resp:	751496
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.3	25.9
125	9.0	8.6	13.0





#91

Indeno(1,2,3-cd)pyrene

Concen: 6.071 ng/ul

RT: 25.61 min Scan# 3846

Delta R.T. 0.00 min

Lab File: BN005595.D

Acq: 10 May 2019 19:05

Instrument :

BNA_N

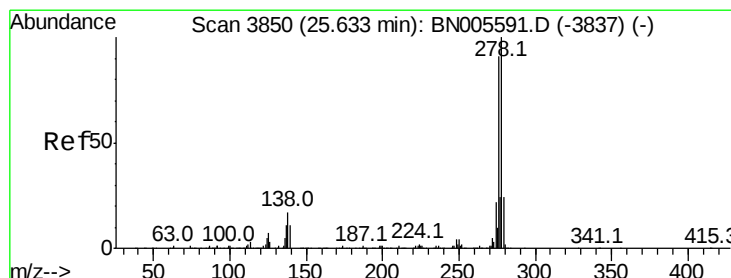
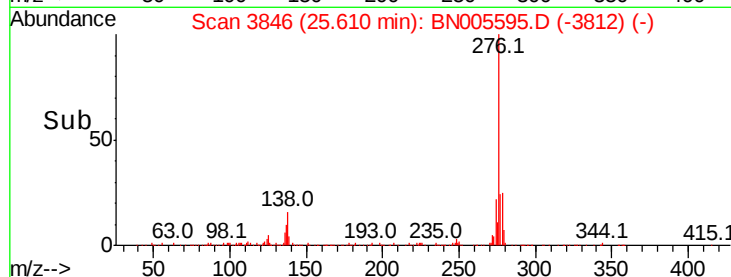
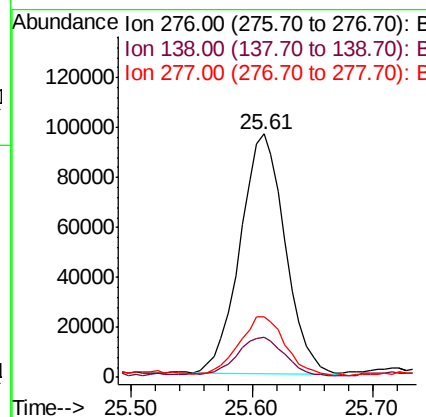
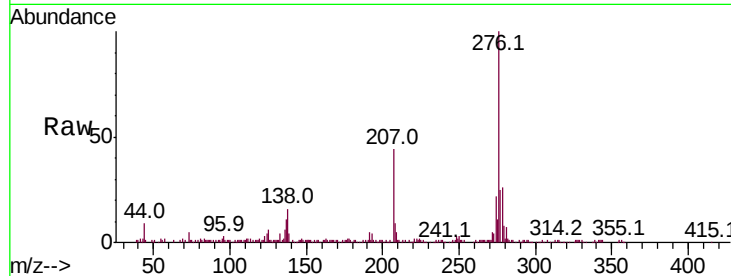
ClientSampleId :

GAJ69ME

Tot Ion:	276	Resp:	250143
Ion Ratio	Lower	Upper	
276	100		
138	20.9	17.9	26.9
277	24.7	19.7	29.5

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#92

Dibenzo(a,h)anthracene

Concen: 2.188 ng/ul

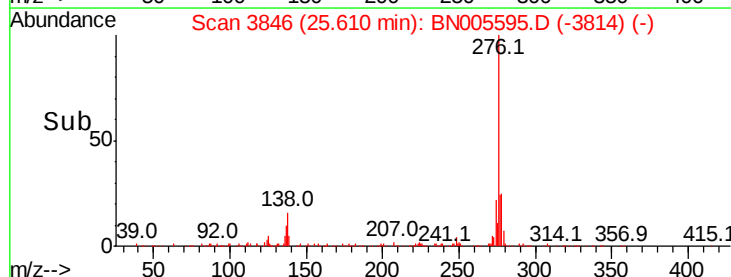
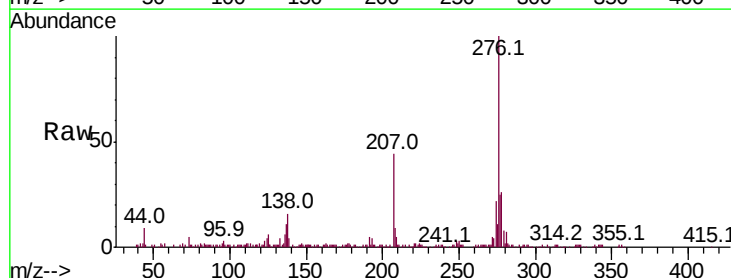
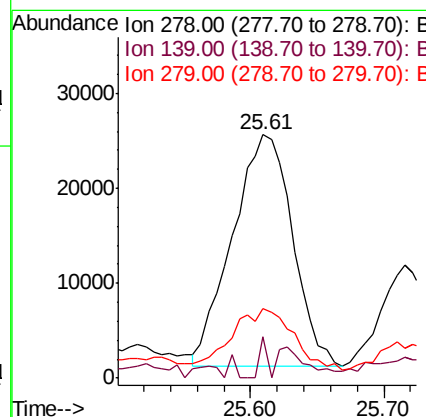
RT: 25.61 min Scan# 3846

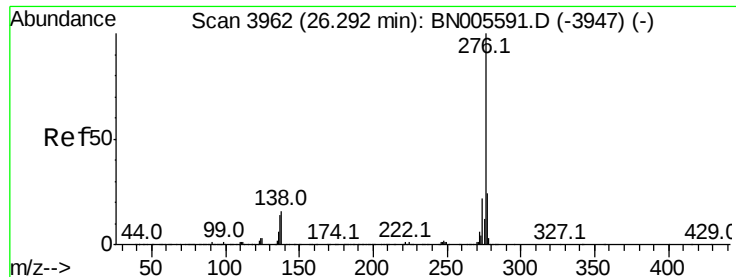
Delta R.T. -0.01 min

Lab File: BN005595.D

Acq: 10 May 2019 19:05

Tgt Ion:	278	Resp:	76513
Ion Ratio	Lower	Upper	
278	100		
139	17.0	13.1	19.7
279	28.8	19.4	29.0





#93

Benzo(a,h,i)perylene

Concen: 5.711 ng/ul

RT: 26.27 min Scan# 3959

Delta R.T. 0.00 min

Lab File: BN005595.D

Acq: 10 May 2019 19:05

Instrument :

BNA_N

ClientSampleId :

GAJ69ME

Tot Ion:	276	Resp:	194567
Ion Ratio	Lower	Upper	
276	100		
138	16.8	16.7	25.1
277	23.5	18.2	27.2

Manual Integrations
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