

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
 Data File : BN005583.D
 Acq On : 10 May 2019 01:10
 Operator : JU/SJ
 Sample : K2603-15DL 30X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 GAJ67DL

Manual Integrations
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Sohil
 5/10/2019 1:19:47 PM

Quant Time: May 10 04:12:22 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	7.59	152	325602	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1415138	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	837679	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1731945m	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1141037	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1222640	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	1110	0.16	ng/uL	0.00
5) Phenol-d5	6.78	99	15498	0.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	10030	0.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	13419	0.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	10979	0.55	ng/ul	0.02
19) Nitrobenzene-d5	8.74	128	7192	0.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	6528	0.74	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.01	165	11313	0.56	ng/ul	0.04
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.64	166	49234	0.81	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	62003	0.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	979m	0.10	ng/ul	-0.01
57) Fluorene-d10	15.22	176	45870	0.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.08	188	64221	0.88	ng/ul	0.00
78) Pyrene-d10	19.39	212	57340	0.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	45529	0.85	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.40	128	3905398	59.364	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	1442820	29.952	ng/ul	99
40) 1,1'-Biphenyl	13.05	154	257208	4.121	ng/ul	99
47) Acenaphthylene	13.94	152	1311356	17.866	ng/ul	98
49) Acenaphthene	14.29	153	91450	1.825	ng/ul	96
53) Dibenzofuran	14.63	168	85572	1.186	ng/ul	99
58) Fluorene	15.28	166	612829	10.886	ng/ul	97
69) Phenanthrene	17.03	178	2633110m	31.217	ng/ul	
71) Anthracene	17.12	178	656549	7.641	ng/ul	99
76) Fluoranthene	19.06	202	1244506m	13.302	ng/ul	
79) Pyrene	19.42	202	1746496	23.772	ng/ul#	94
82) Benzo(a)anthracene	21.20	228	527193m	7.427	ng/ul	
84) Chrysene	21.25	228	444029	6.740	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	321588	4.679	ng/ul	100
88) Benzo(k)fluoranthene	22.80	252	98907m	1.507	ng/ul	
90) Benzo(a)pyrene	23.33	252	334342m	5.175	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.61	276	137315	1.923	ng/ul#	94
93) Benzo(g,h,i)perylene	26.28	276	134236	2.273	ng/ul	96

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

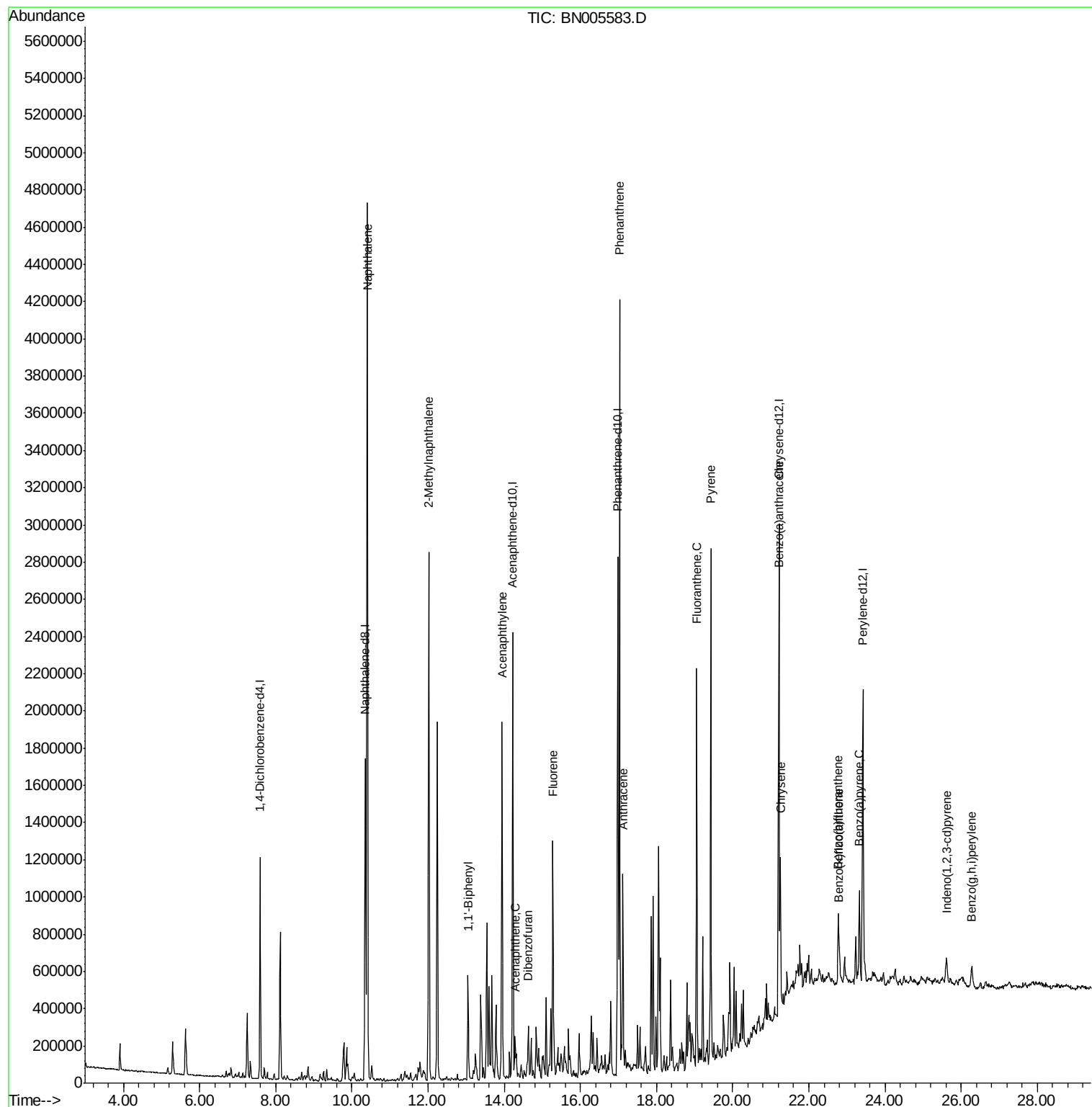
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
Data File : BN005583.D
Acq On : 10 May 2019 01:10
Operator : JU/SJ
Sample : K2603-15DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

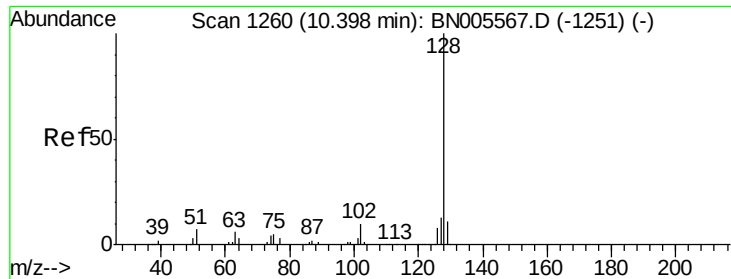
Instrument :
BNA_N
ClientSampleId :
GAJ67DL

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Quant Time: May 10 04:12:22 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





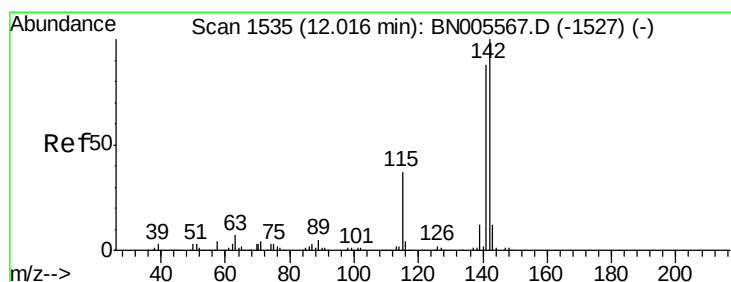
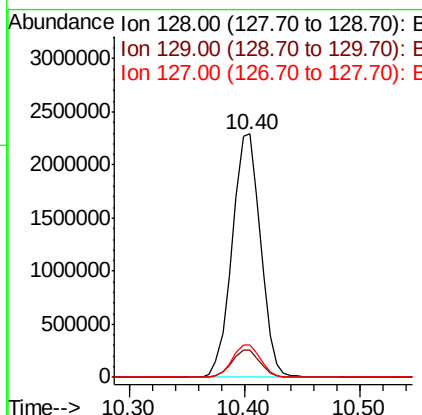
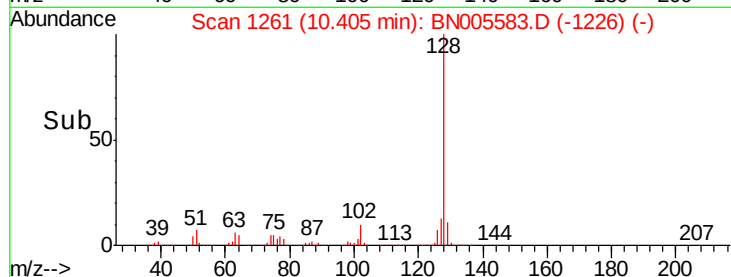
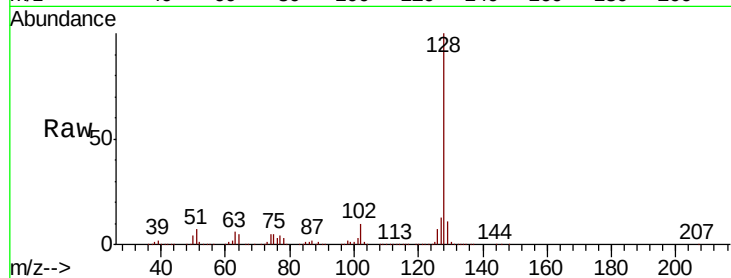
#28
Naphthalene
Concen: 59.364 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BN005583.D
Acq: 10 May 2019 01:10

Instrument :
BNA_N
ClientSampleId :
GAJ67DL

Tot Ion:128 Resp: 3905398
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.4 10.7 16.1

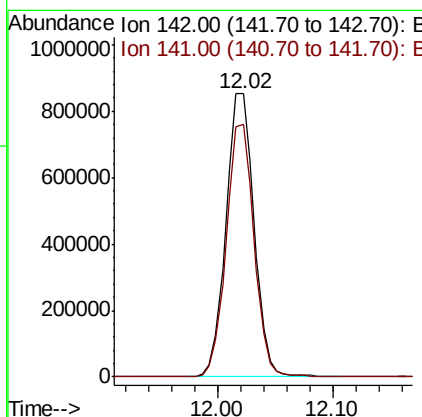
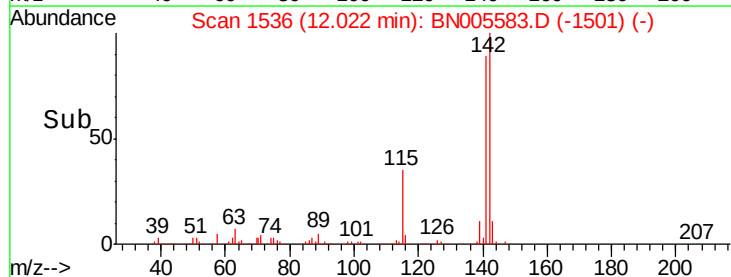
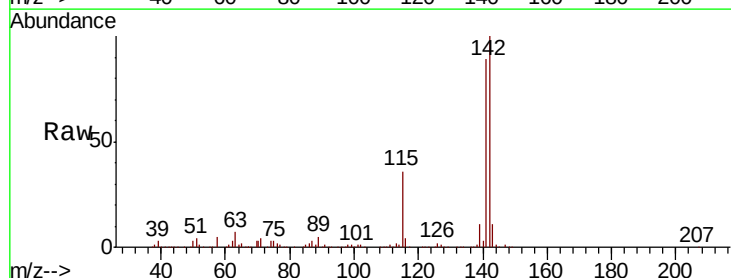
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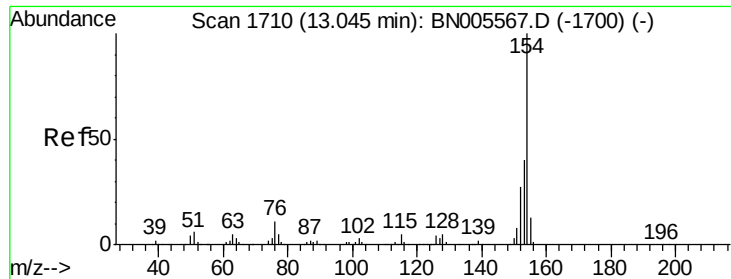
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#34
2-Methylnaphthalene
Concen: 29.952 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BN005583.D
Acq: 10 May 2019 01:10

Tgt Ion:142 Resp: 1442820
Ion Ratio Lower Upper
142 100
141 89.1 72.0 108.0





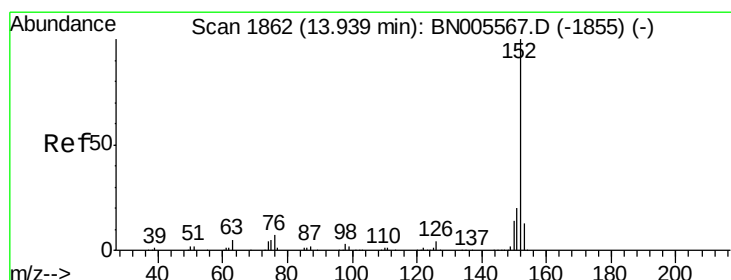
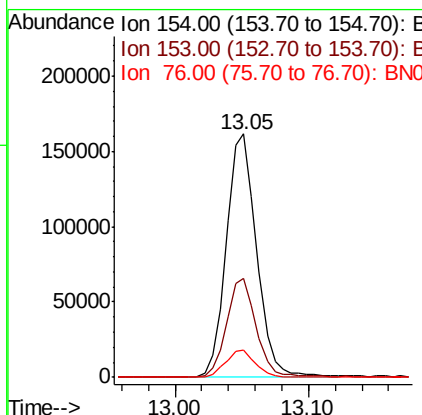
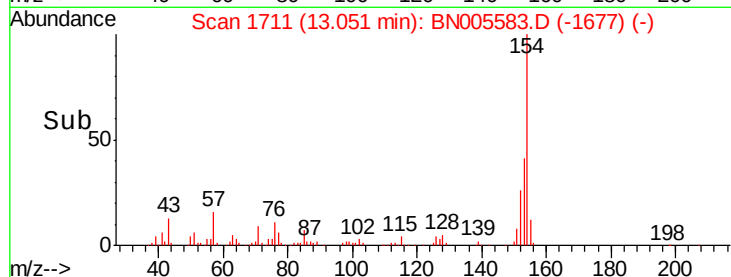
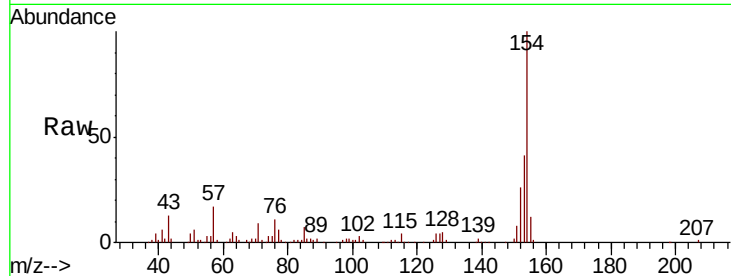
#40
 1,1'-Biphenyl
 Concen: 4.121 ng/ul
 RT: 13.05 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BN005583.D
 Acq: 10 May 2019 01:10

Instrument :
 BNA_N
 ClientSampleId :
 GAJ67DL

Tot Ion:	154	Resp:	257208
Ion Ratio	Lower	Upper	
154	100		
153	40.8	32.6	49.0
76	11.2	10.4	15.6

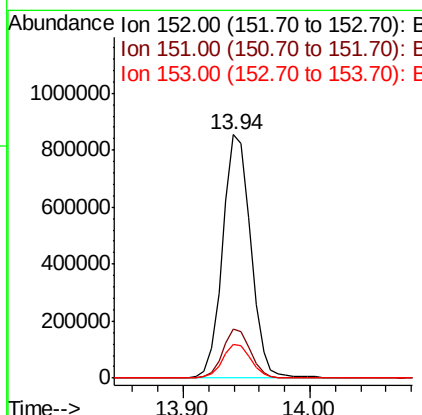
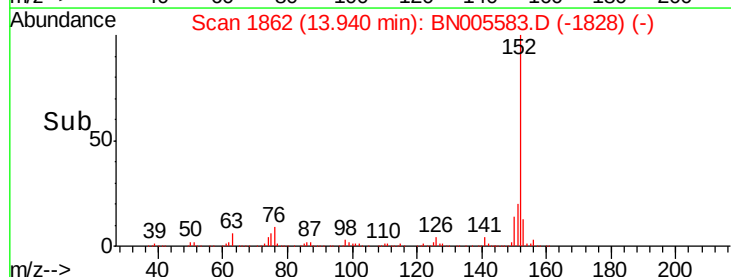
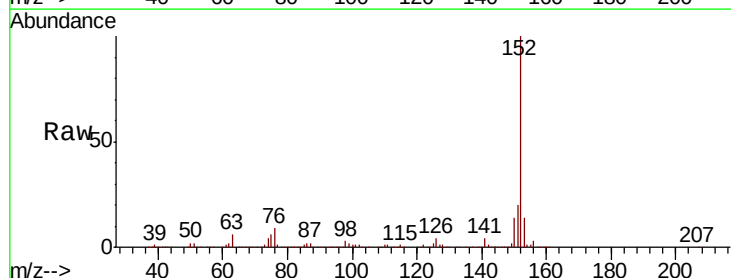
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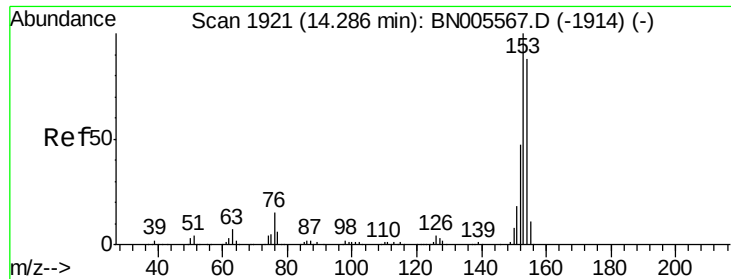
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#47
 Acenaphthylene
 Concen: 17.866 ng/ul
 RT: 13.94 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: BN005583.D
 Acq: 10 May 2019 01:10

Tgt Ion:	152	Resp:	1311356
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.8	23.8
153	13.6	9.8	14.8





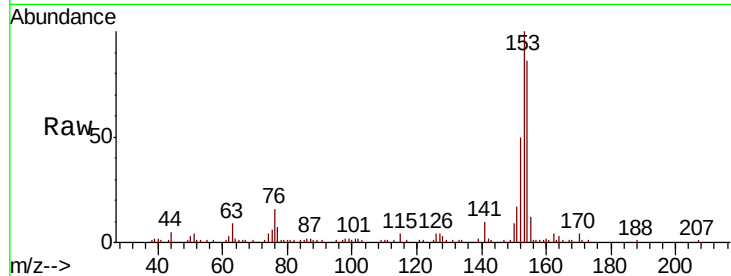
#49
Acenaphthene
Concen: 1.825 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BN005583.D
Acq: 10 May 2019 01:10

Instrument :
BNA_N
ClientSampleId :
GAJ67DL

Tot Ion	Ratio	Lower	Upper
153	100		
152	49.9	37.4	56.0
154	86.2	71.2	106.8

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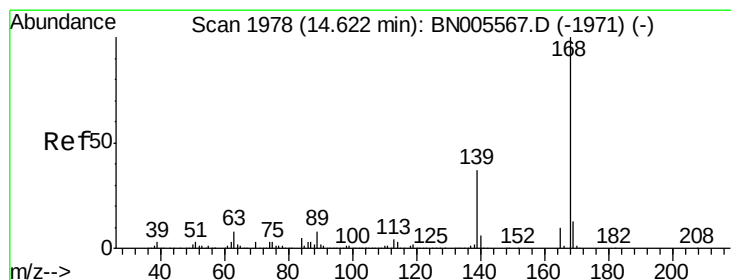
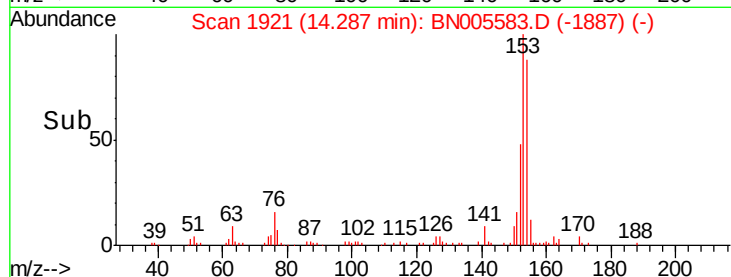
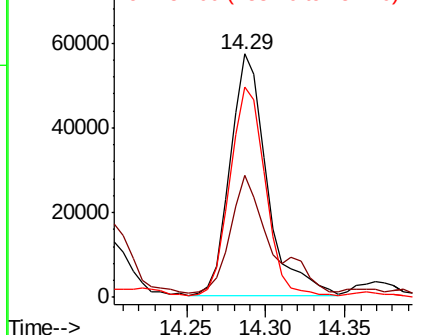


Abundance

Ion 153.00 (152.70 to 153.70): E

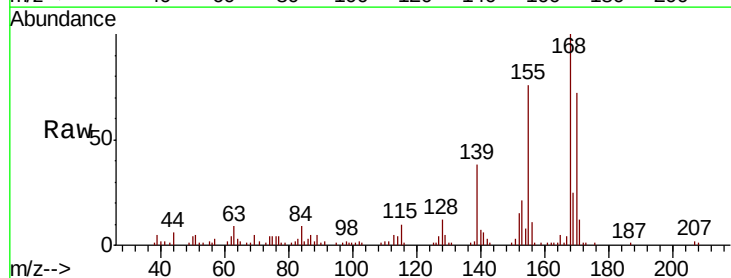
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53
Dibenzofuran
Concen: 1.186 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BN005583.D
Acq: 10 May 2019 01:10

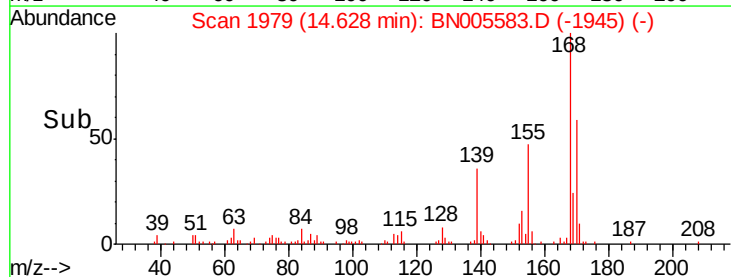
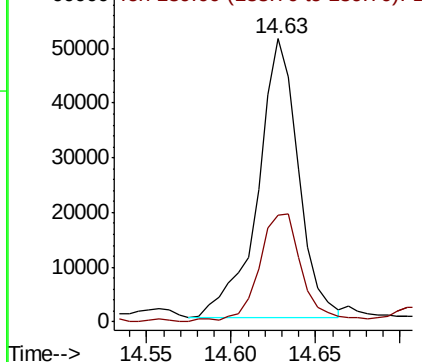
Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.9	46.3

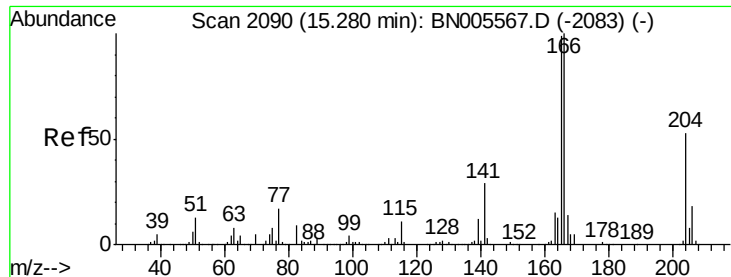


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





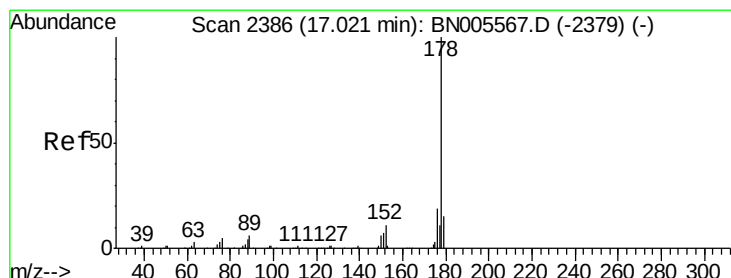
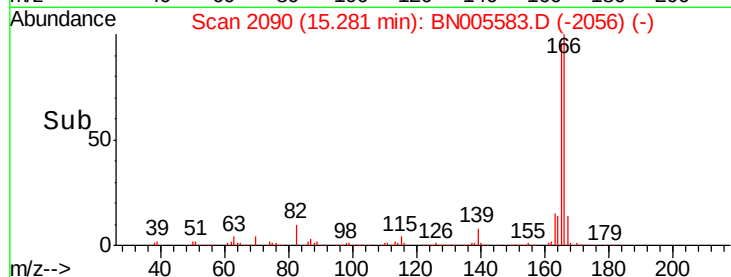
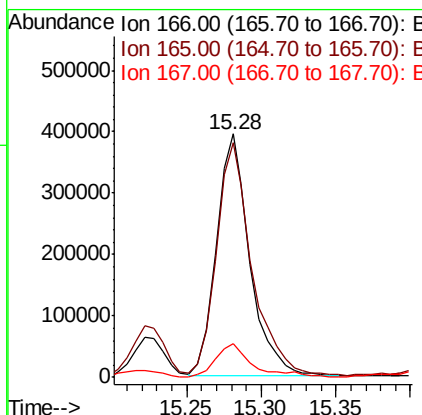
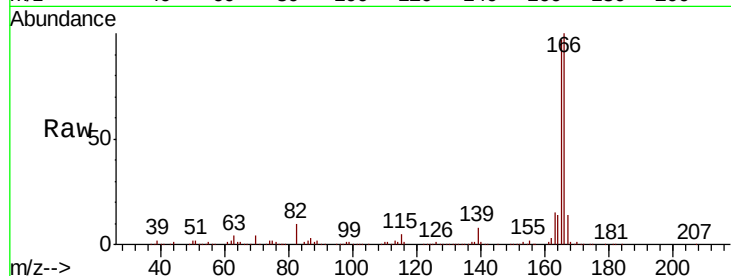
#58
 Fluorene
 Concen: 10.886 ng/ul
 RT: 15.28 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: BN005583.D
 Acq: 10 May 2019 01:10

Instrument :
 BNA_N
 ClientSampled :
 GAJ67DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.5	80.0	120.0
167	14.0	10.7	16.1

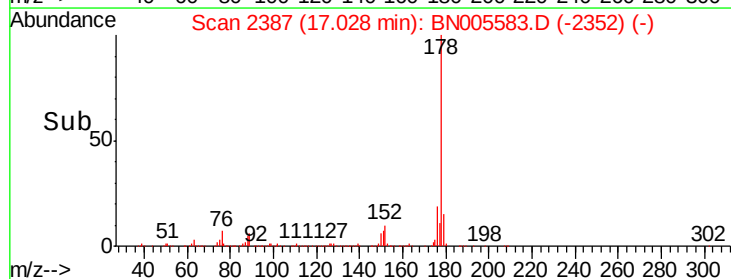
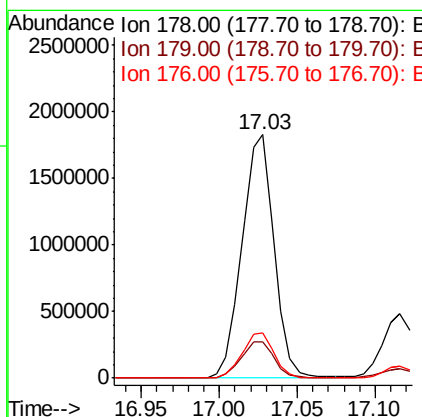
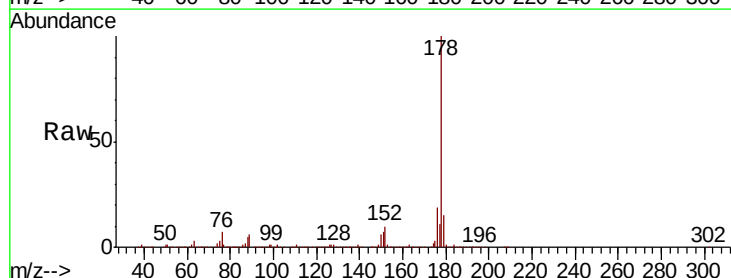
Manual Integrations
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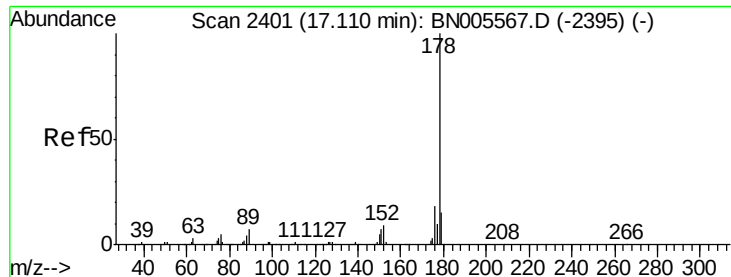
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#69
 Phenanthrene
 Concen: 31.217 ng/ul m
 RT: 17.03 min Scan# 2387
 Delta R.T. 0.01 min
 Lab File: BN005583.D
 Acq: 10 May 2019 01:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.4
176	18.8	15.1	22.7





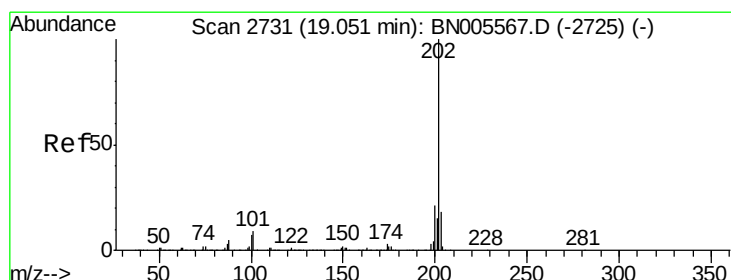
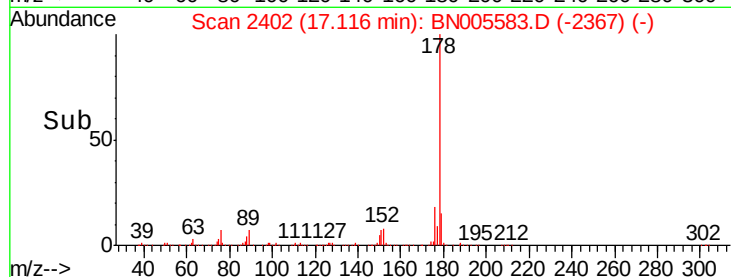
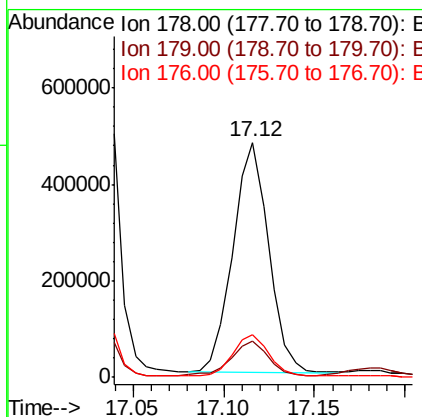
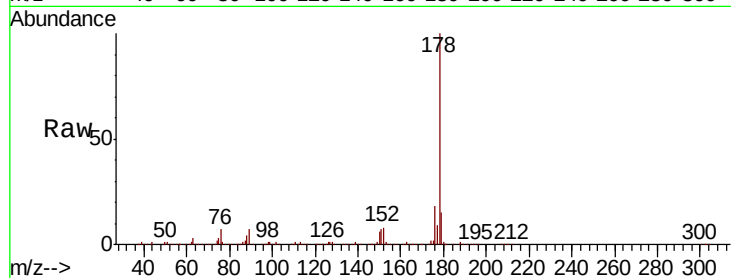
#71
 Anthracene
 Concen: 7.641 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. 0.01 min
 Lab File: BN005583.D
 Acq: 10 May 2019 01:10

Instrument :
 BNA_N
 ClientSampleId :
 GAJ67DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.1	15.1	22.7

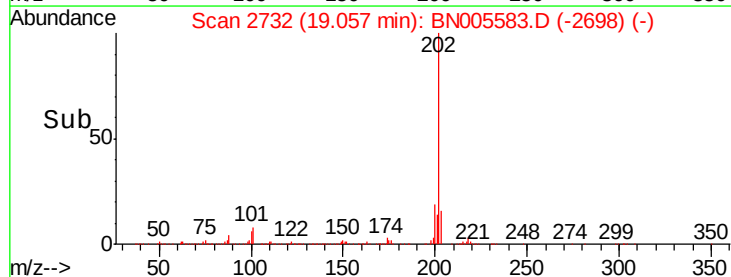
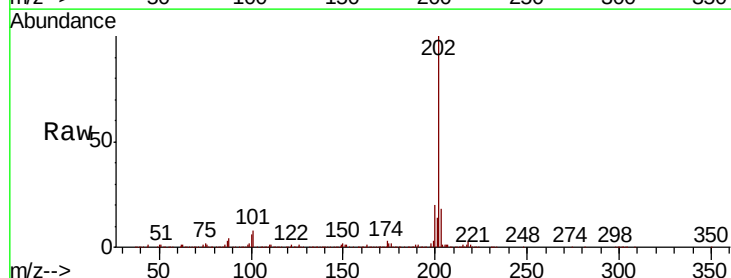
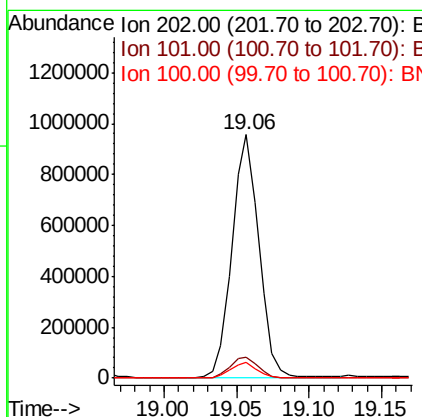
Manual Integrations
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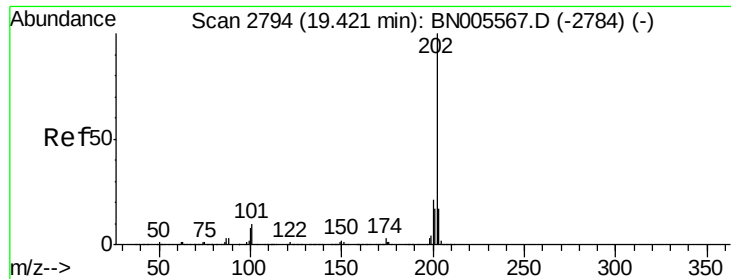
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#76
 Fluoranthene
 Concen: 13.302 ng/ul m
 RT: 19.06 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: BN005583.D
 Acq: 10 May 2019 01:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	8.6	12.8#
100	6.4	6.3	9.5





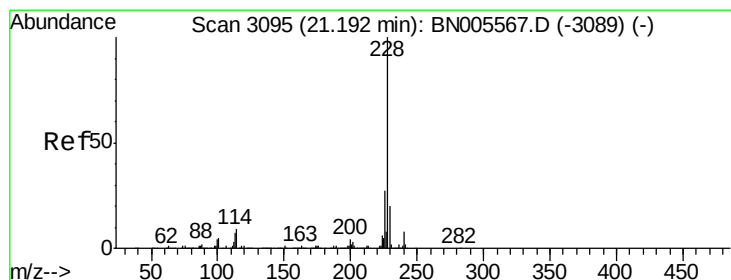
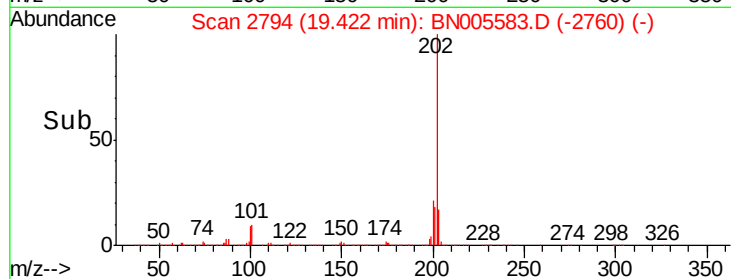
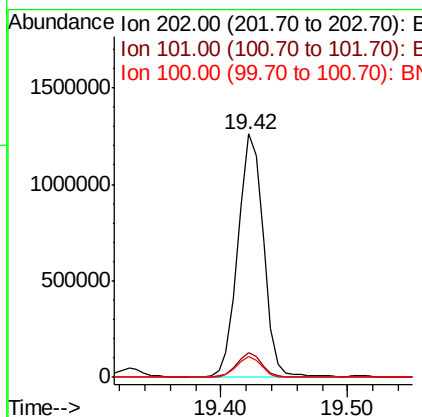
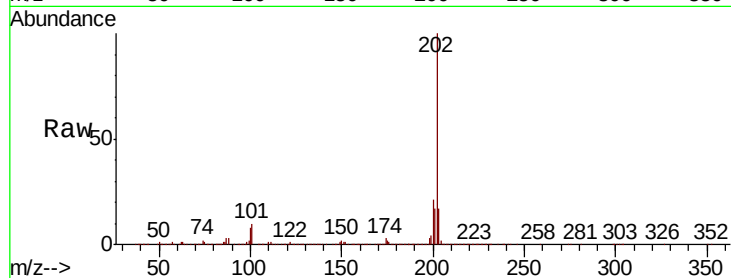
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Pvrene
Concen: 23.772 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. 0.00 min
Lab File: BN005583.D
Acq: 10 May 2019 01:10

Instrument :
BNA_N
ClientSampleId :
GAJ67DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	10.3	15.5#
100	8.4	7.9	11.9

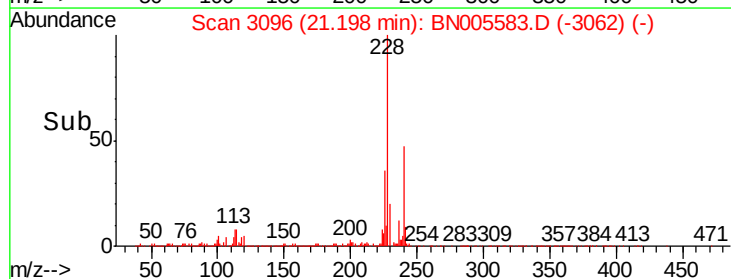
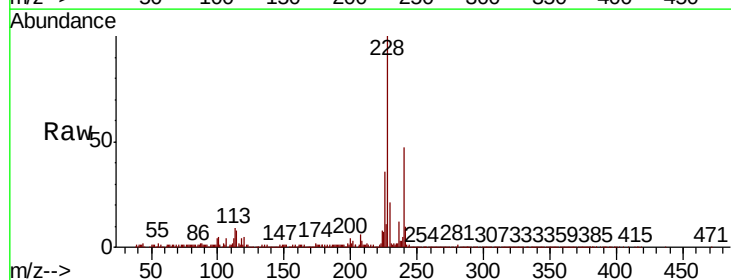
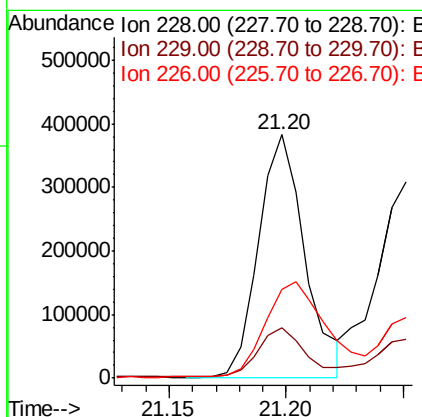
Manual Integrations
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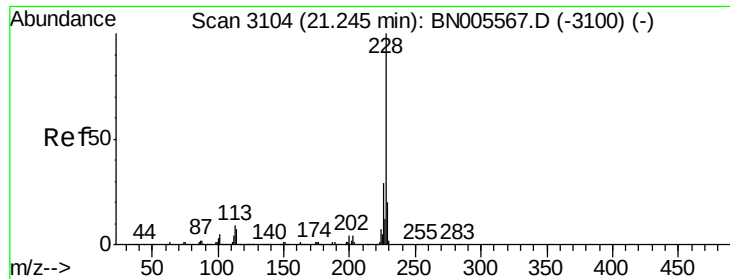
Sohil
5/10/2019 1:19:47 PM



#82
Benzo(a)anthracene
Concen: 7.427 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BN005583.D
Acq: 10 May 2019 01:10

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.6
226	36.4	21.4	32.2#





#84

Chrysene

Concen: 6.740 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BN005583.D

Acq: 10 May 2019 01:10

Instrument :

BNA_N

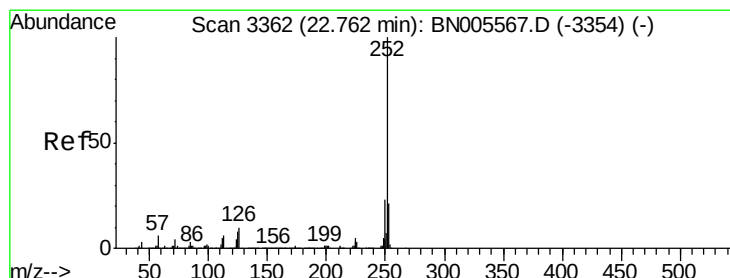
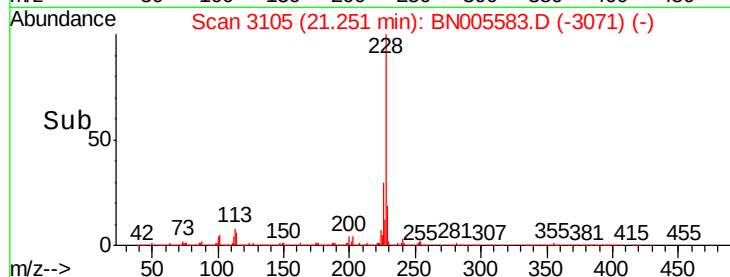
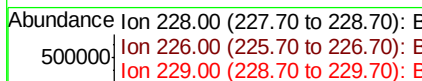
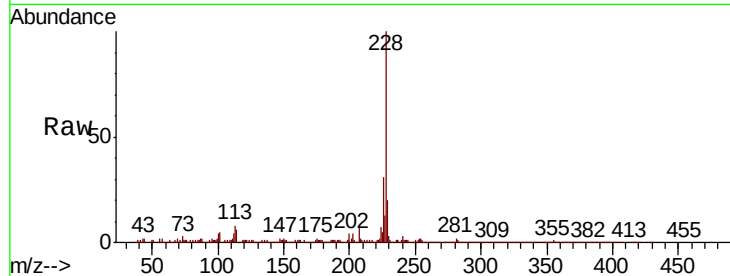
ClientSampled :

GAJ67DL

Tot Ion:	228	Resp:	444029
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.0	36.0
229	20.0	15.4	23.0

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#87

Benzo(b)fluoranthene

Concen: 4.679 ng/ul

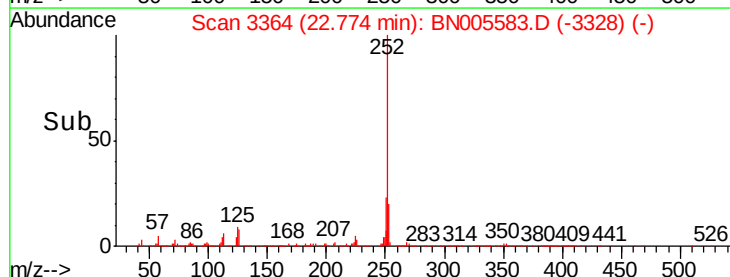
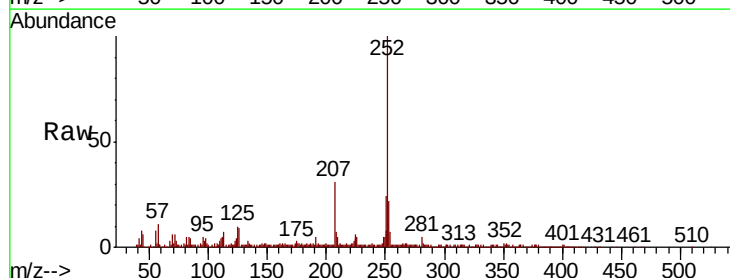
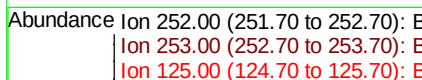
RT: 22.77 min Scan# 3364

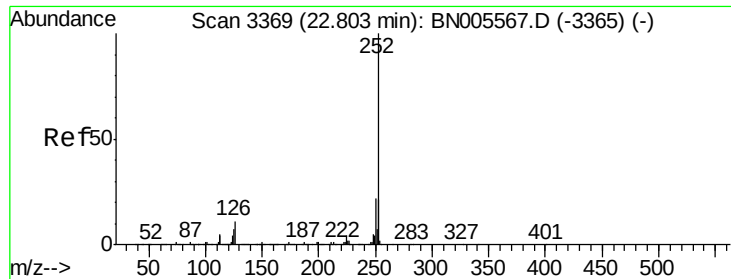
Delta R.T. 0.01 min

Lab File: BN005583.D

Acq: 10 May 2019 01:10

Tgt Ion:	252	Resp:	321588
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.7	26.5
125	10.2	8.4	12.6





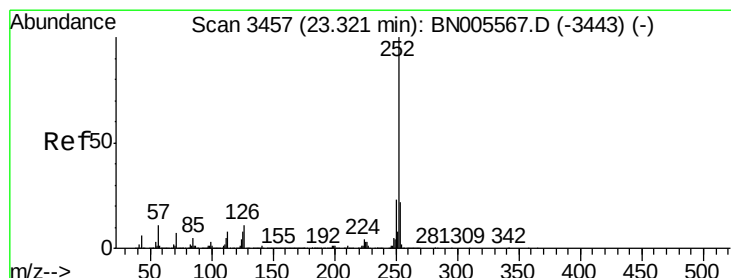
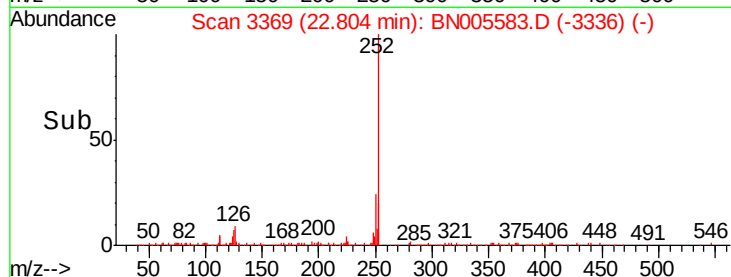
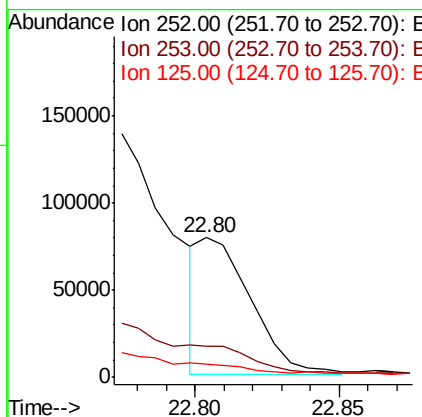
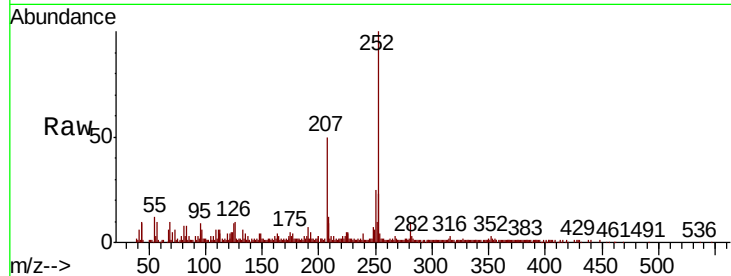
#88
Benzo(k)fluoranthene
Concen: 1.507 ng/ul m
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BN005583.D
Acq: 10 May 2019 01:10

Instrument :
BNA_N
ClientSampleId :
GAJ67DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	9.3	7.5	11.3

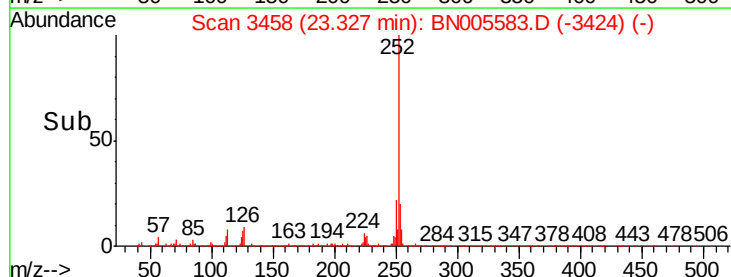
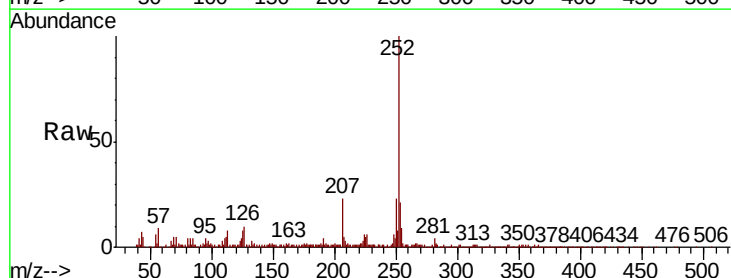
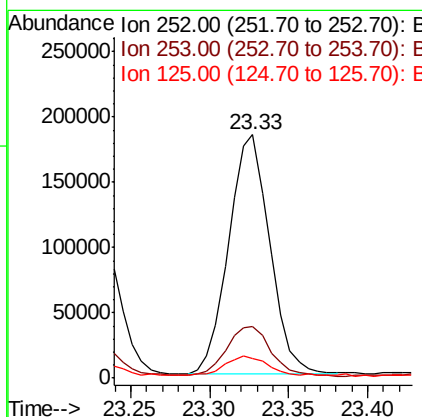
Manual Integrations
APPROVED

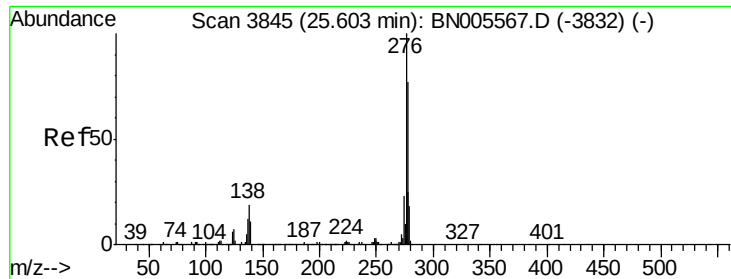
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#90
Benzo(a)pyrene
Concen: 5.175 ng/ul m
RT: 23.33 min Scan# 3458
Delta R.T. 0.00 min
Lab File: BN005583.D
Acq: 10 May 2019 01:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.3	25.9
125	8.2	8.6	13.0#





#91

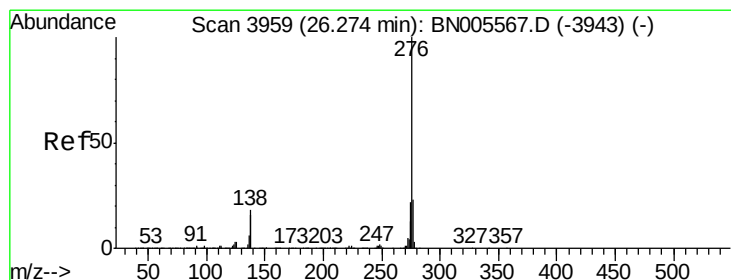
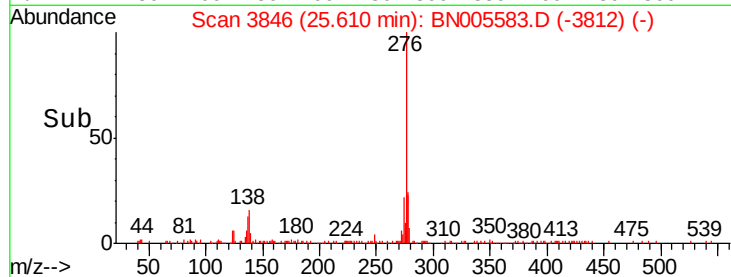
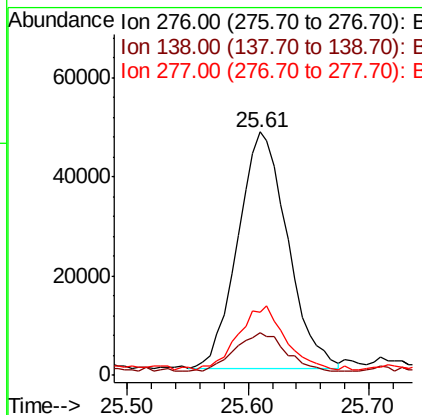
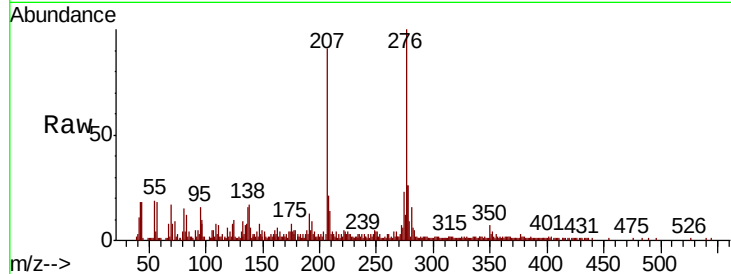
Indeno(1,2,3-cd)pyrene
Concen: 1.923 ng/ul
RT: 25.61 min Scan# 3846
Delta R.T. 0.00 min
Lab File: BN005583.D
Acq: 10 May 2019 01:10

Instrument :
BNA_N
ClientSampleId :
GAJ67DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.4	17.9	26.9#
277	25.9	19.7	29.5

Manual Integrations
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#93

Benzo(g,h,i)perylene
Concen: 2.273 ng/ul
RT: 26.28 min Scan# 3960
Delta R.T. 0.01 min
Lab File: BN005583.D
Acq: 10 May 2019 01:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.7	16.7	25.1
277	23.4	18.2	27.2

