

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
 Data File : BN005582.D
 Acq On : 10 May 2019 00:36
 Operator : JU/SJ
 Sample : K2604-10DL 30X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 GAJ84DL

Manual Integrations
 APPROVED

Sohil
 5/10/2019 1:19:46 PM

Quant Time: May 10 04:02:46 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	304953	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1290616	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	784422	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1668559	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1063827	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	1098903	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	891m	0.14	ng/uL	0.00
5) Phenol-d5	6.78	99	13969m	0.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	9500m	0.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	12323m	0.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	9393	0.50	ng/ul	0.02
19) Nitrobenzene-d5	8.75	128	5729	0.72	ng/ul	0.02
22) 2-Nitrophenol-d4	9.46	143	4529m	0.56	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.03	165	12165m	0.66	ng/ul	0.05
29) 4-Chloroaniline-d4	10.53	131	8876m	0.47	ng/ul	0.04
43) Dimethylphthalate-d6	13.64	166	43538	0.76	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	57599	0.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	342m	0.04	ng/ul	0.02
57) Fluorene-d10	15.23	176	42412	0.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.08	188	61324	0.88	ng/ul	0.00
78) Pyrene-d10	19.40	212	57197	1.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	38246	0.80	ng/ul	0.00

Target Compounds

					Ovalue	
47) Acenaphthylene	13.95	152	571788	8.319	ng/ul	99
49) Acenaphthene	14.29	153	64728	1.379	ng/ul	96
58) Fluorene	15.28	166	363812	6.901	ng/ul	98
69) Phenanthrene	17.03	178	2422733	29.814	ng/ul	100
71) Anthracene	17.12	178	1040897	12.574	ng/ul	98
76) Fluoranthene	19.06	202	2744971	30.454	ng/ul	96
79) Pyrene	19.43	202	3959967	57.813	ng/ul#	95
82) Benzo(a)anthracene	21.20	228	1056486m	15.964	ng/ul	
84) Chrysene	21.25	228	975373	15.880	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	737424	11.938	ng/ul	97
88) Benzo(k)fluoranthene	22.81	252	198062m	3.357	ng/ul	
90) Benzo(a)pyrene	23.33	252	742815	12.793	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.62	276	328227	5.113	ng/ul#	93
92) Dibenzo(a,h)anthracene	25.62	278	95528	1.753	ng/ul	94
93) Benzo(g,h,i)perylene	26.28	276	327964	6.179	ng/ul#	93

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

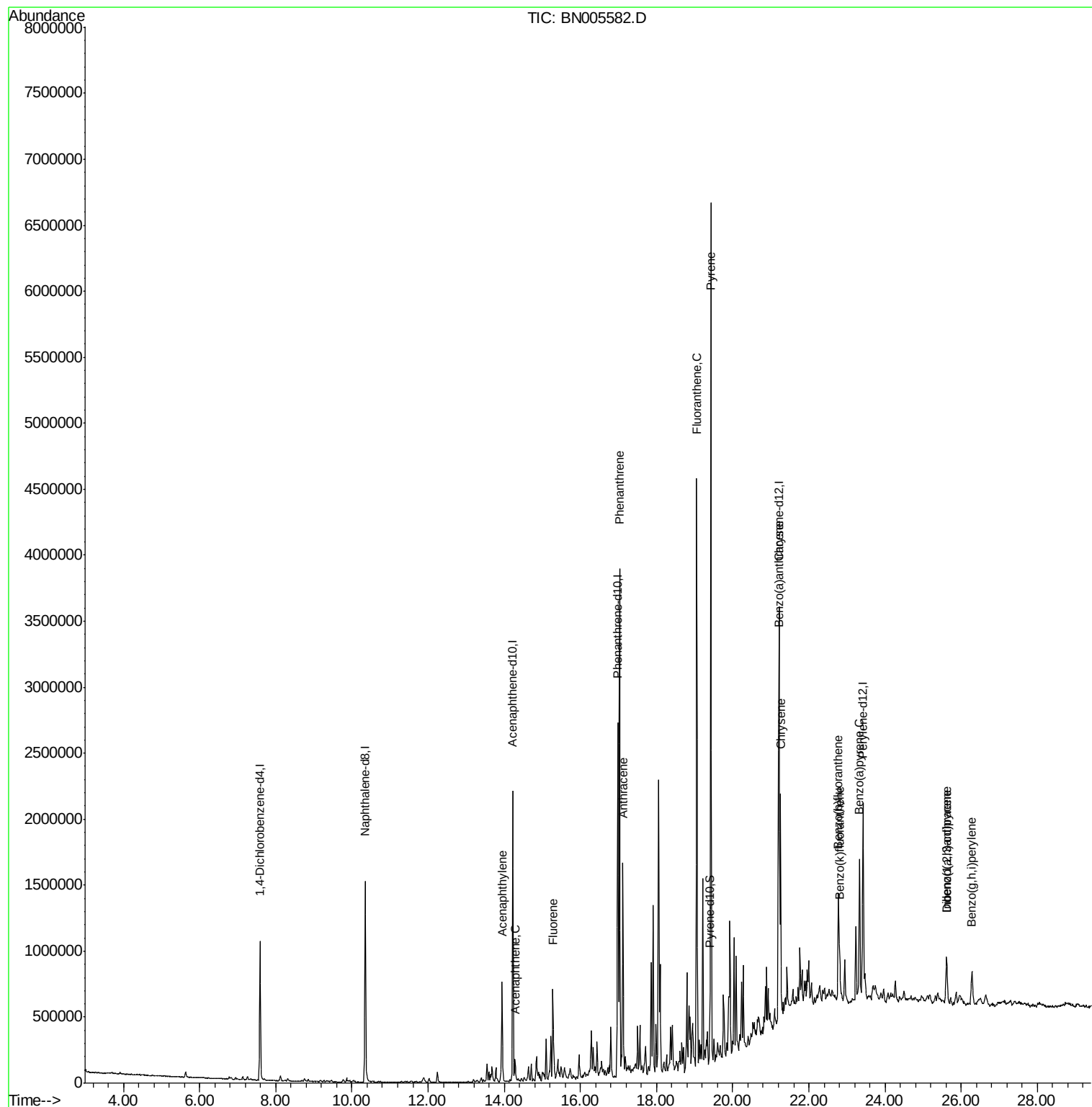
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
Data File : BN005582.D
Acq On : 10 May 2019 00:36
Operator : JU/SJ
Sample : K2604-10DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

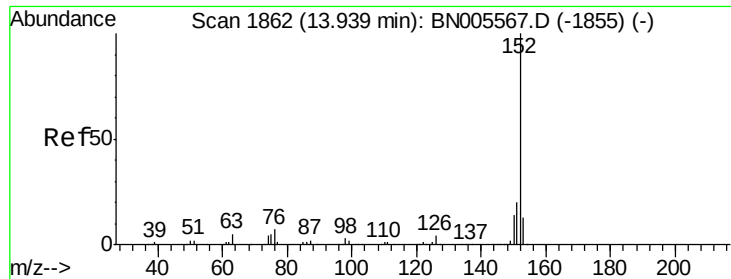
Instrument :
BNA_N
ClientSampleId :
GAJ84DL

Manual Integrations
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Quant Time: May 10 04:02:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
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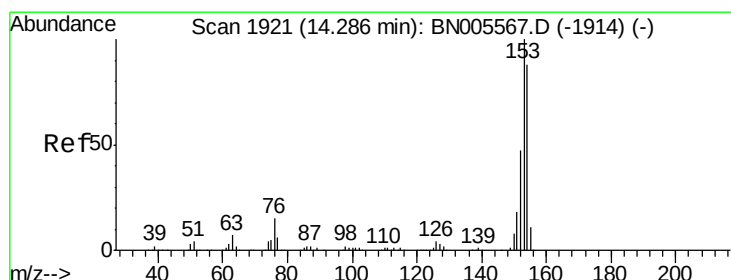
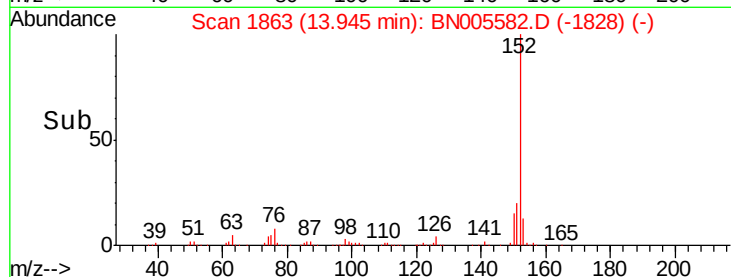
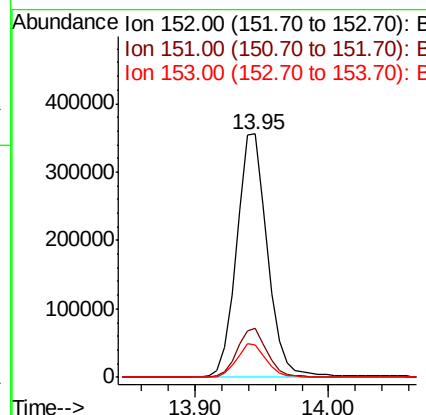
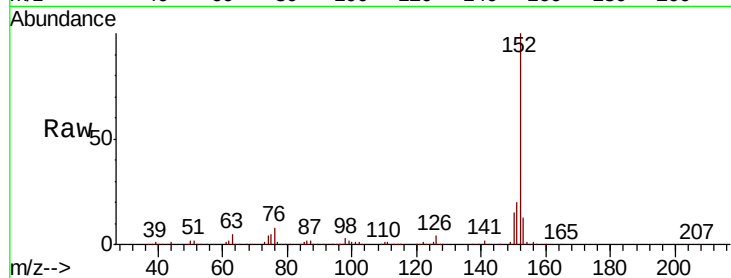
#47
Acenaphthylene
Concen: 8.319 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. 0.01 min
Lab File: BN005582.D
Acq: 10 May 2019 00:36

Instrument :
BNA_N
ClientSampleId :
GAJ84DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.4	9.8	14.8

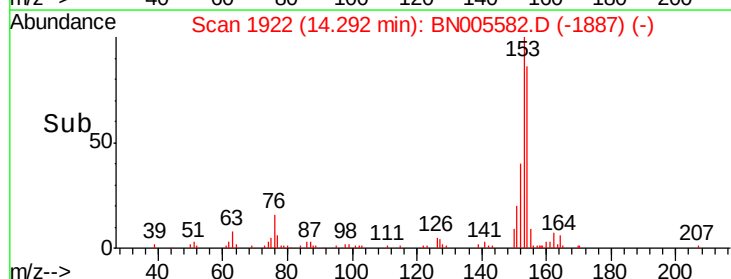
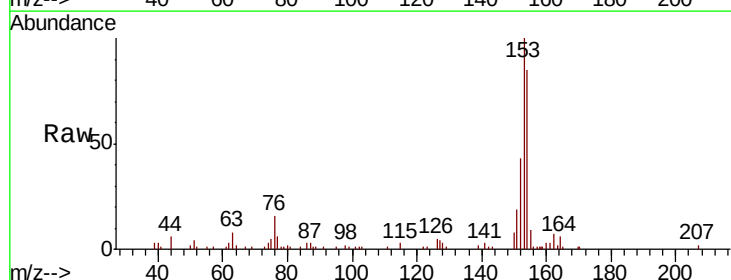
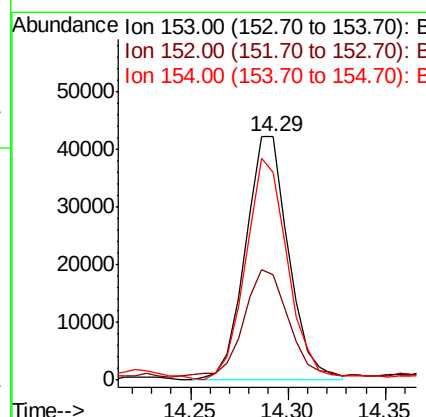
Manual Integrations
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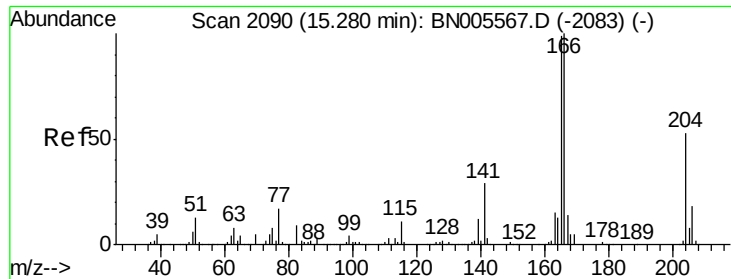
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#49
Acenaphthene
Concen: 1.379 ng/ul
RT: 14.29 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BN005582.D
Acq: 10 May 2019 00:36

Tgt Ion	Ratio	Lower	Upper
153	100		
152	43.4	37.4	56.0
154	85.1	71.2	106.8





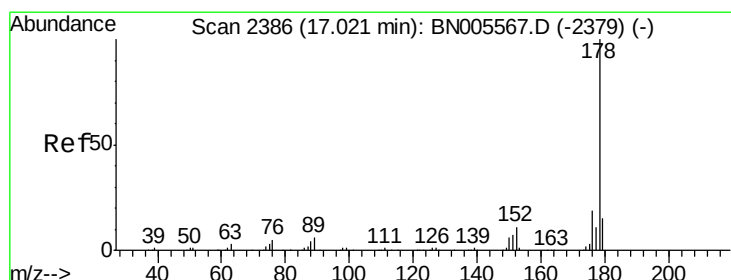
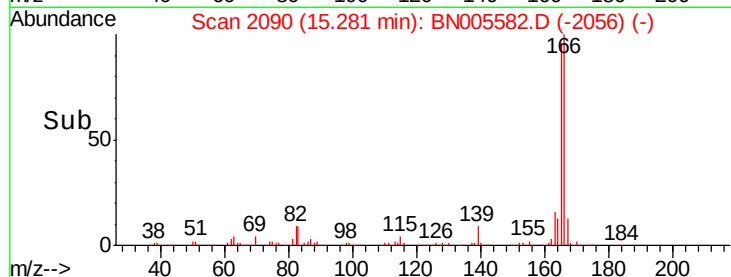
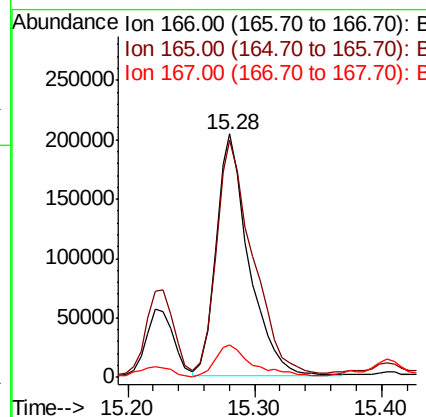
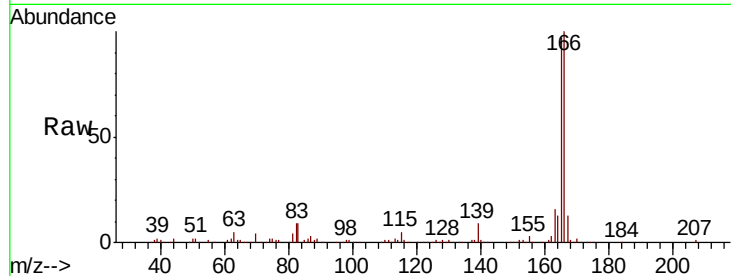
#58
 Fluorene
 Concen: 6.901 ng/ul
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: BN005582.D
 Acq: 10 May 2019 00:36

Instrument :
 BNA_N
 ClientSampled :
 GAJ84DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.4	80.0	120.0
167	13.3	10.7	16.1

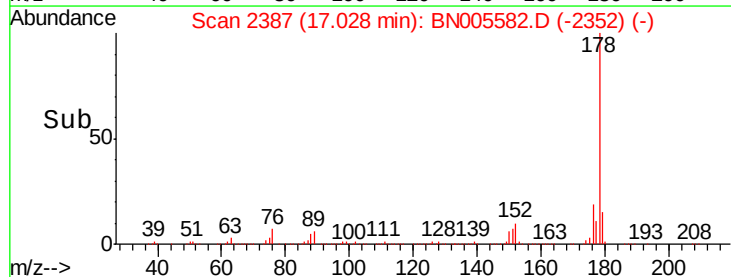
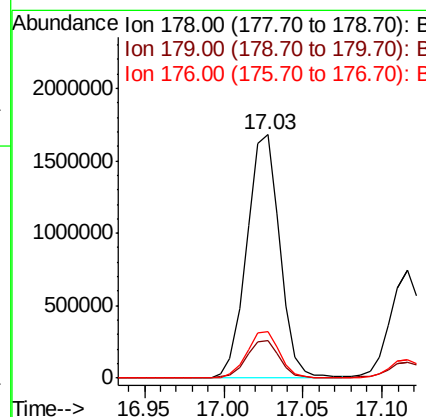
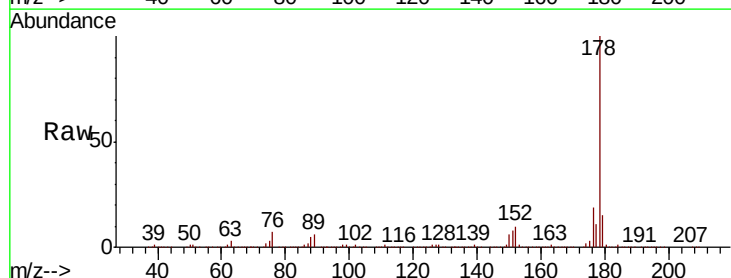
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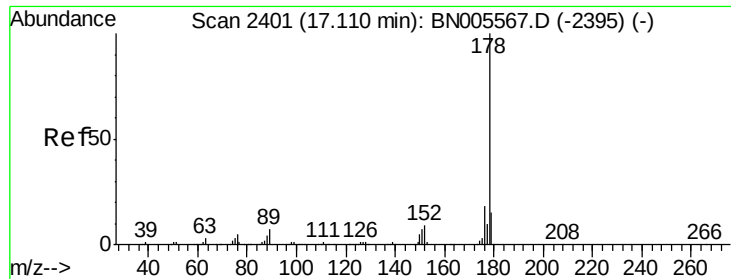
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#69
 Phenanthrene
 Concen: 29.814 ng/ul
 RT: 17.03 min Scan# 2387
 Delta R.T. 0.01 min
 Lab File: BN005582.D
 Acq: 10 May 2019 00:36

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	19.0	15.1	22.7





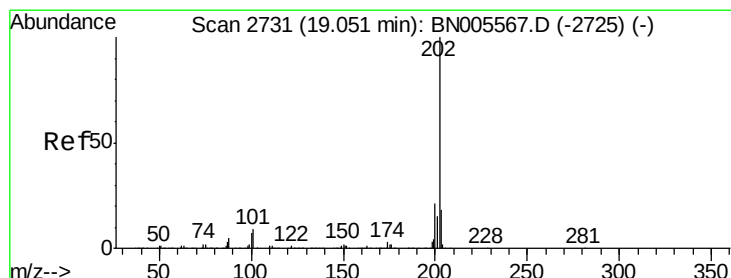
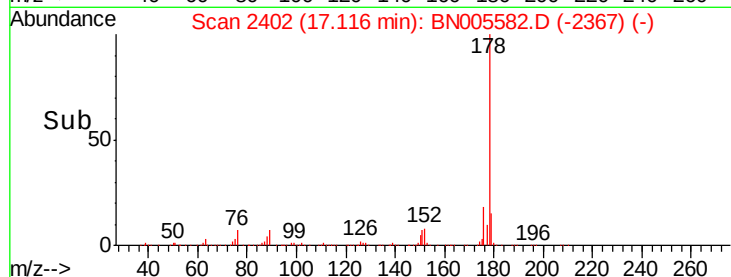
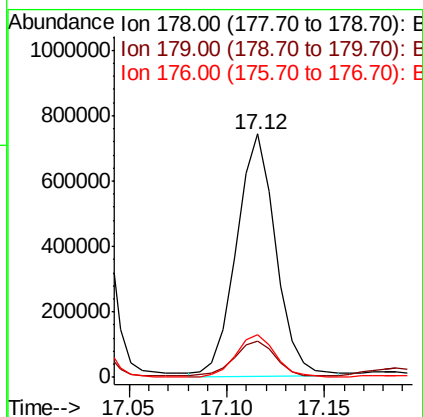
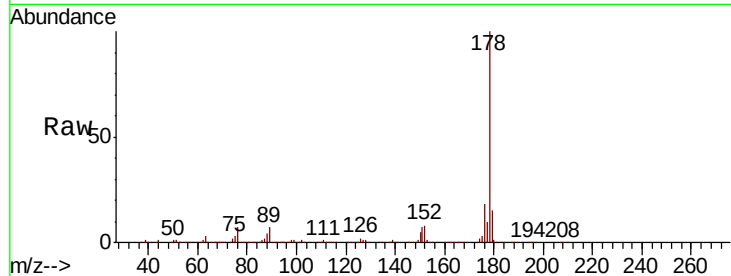
#71
 Anthracene
 Concen: 12.574 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. 0.01 min
 Lab File: BN005582.D
 Acq: 10 May 2019 00:36

Instrument :
 BNA_N
 ClientSampled :
 GAJ84DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	17.6	15.1	22.7

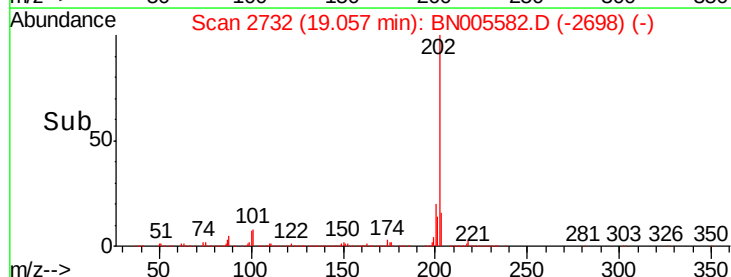
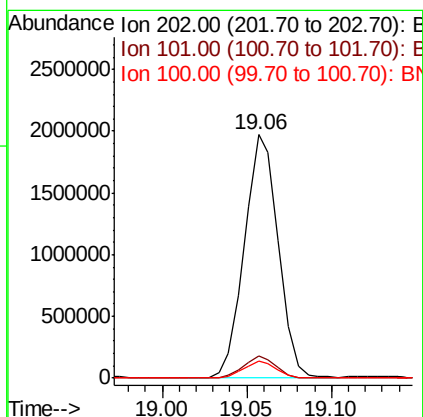
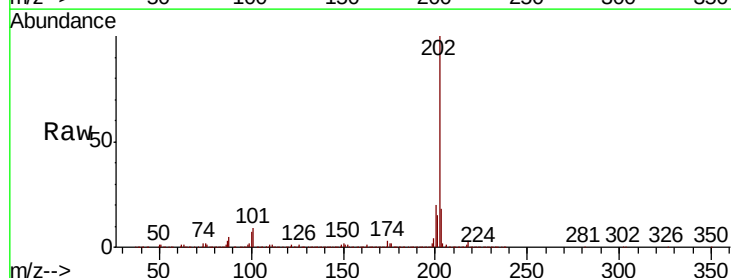
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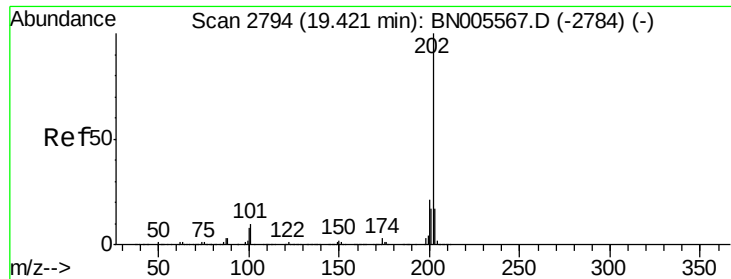
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#76
 Fluoranthene
 Concen: 30.454 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: BN005582.D
 Acq: 10 May 2019 00:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	8.6	12.8
100	6.8	6.3	9.5





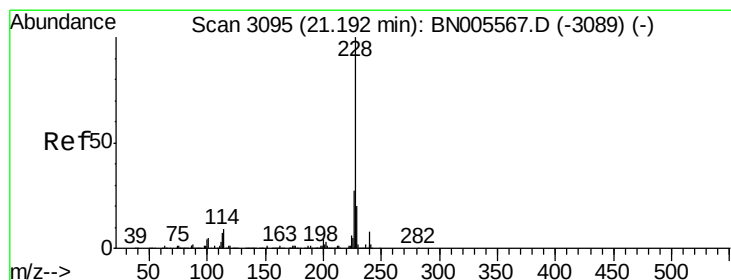
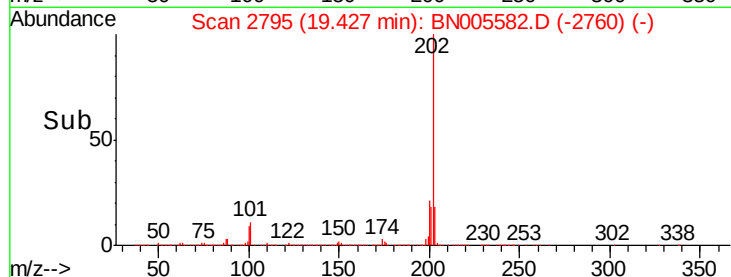
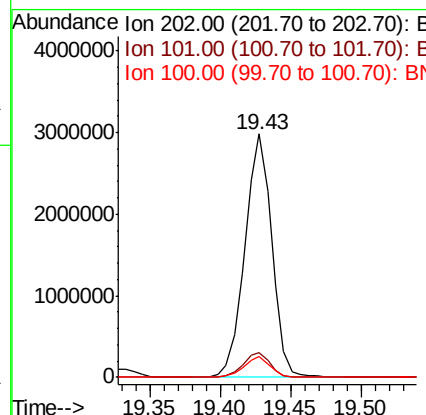
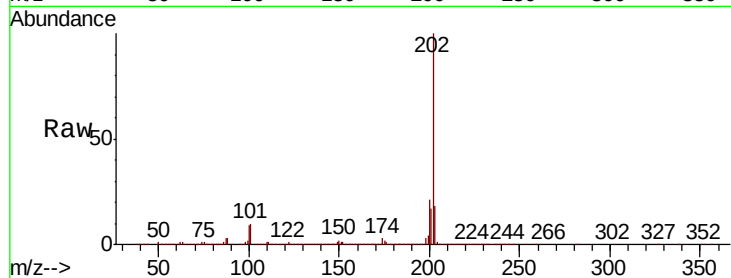
#79
Pvrene
Concen: 57.813 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.01 min
Lab File: BN005582.D
Acq: 10 May 2019 00:36

Instrument :
BNA_N
ClientSampleId :
GAJ84DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	10.3	15.5#
100	8.5	7.9	11.9

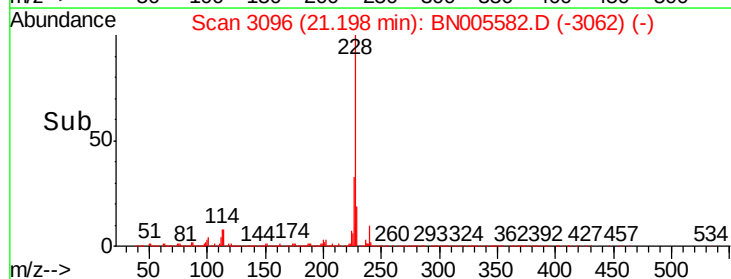
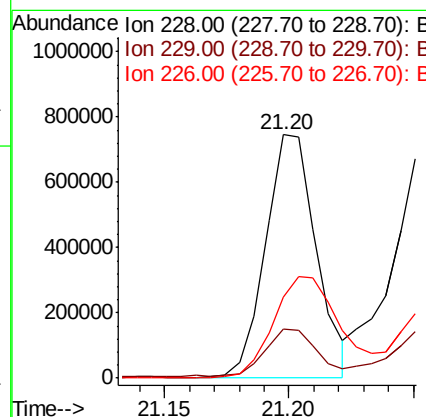
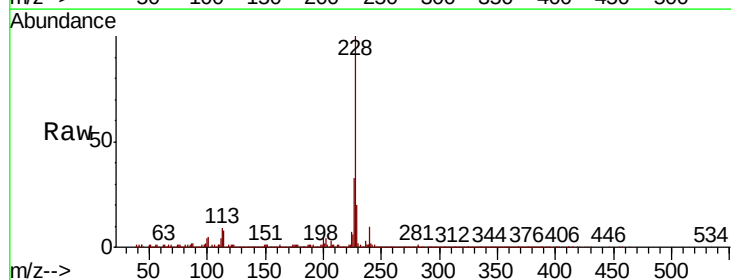
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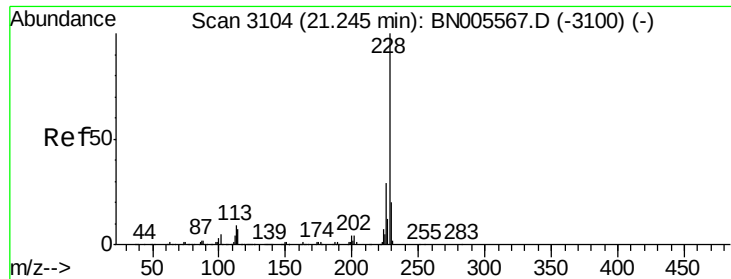
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#82
Benzo(a)anthracene
Concen: 15.964 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN005582.D
Acq: 10 May 2019 00:36

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.6
226	33.2	21.4	32.2#





#84

Chrysene

Concen: 15.880 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BN005582.D

Acq: 10 May 2019 00:36

Instrument :

BNA_N

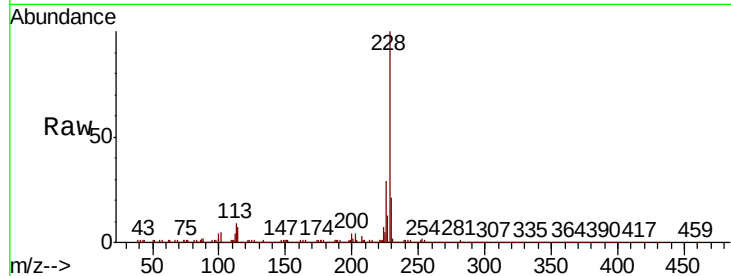
ClientSampled :

GAJ84DL

Tot Ion:	228	Resp:	975373
Ion Ratio	Lower	Upper	
228	100		
226	29.2	24.0	36.0
229	21.0	15.4	23.0

Manual Integrations
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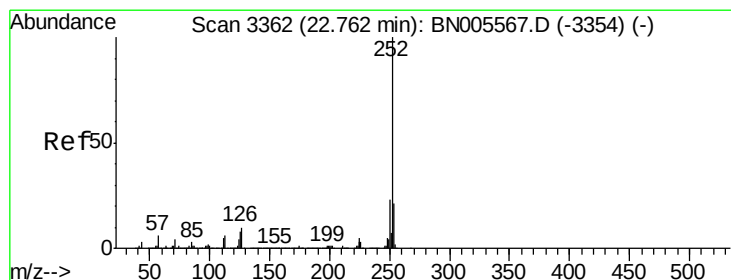
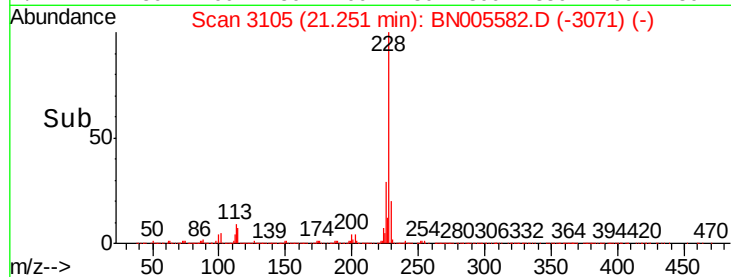
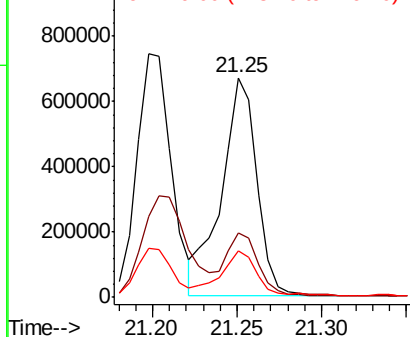


Abundance

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: 11.938 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BN005582.D

Acq: 10 May 2019 00:36

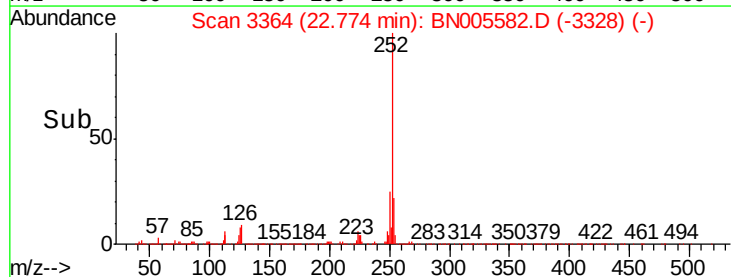
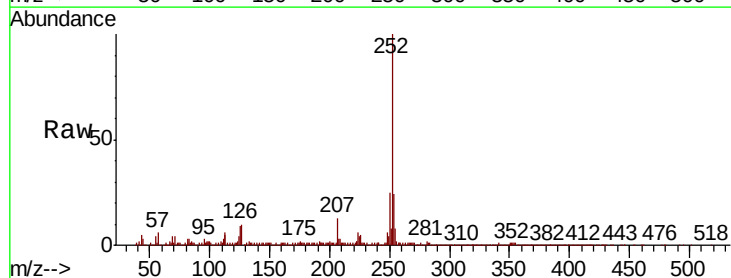
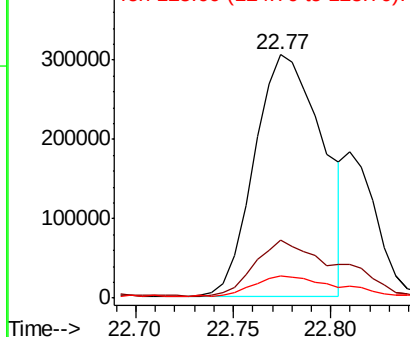
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Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.7	26.5
125	9.1	8.4	12.6

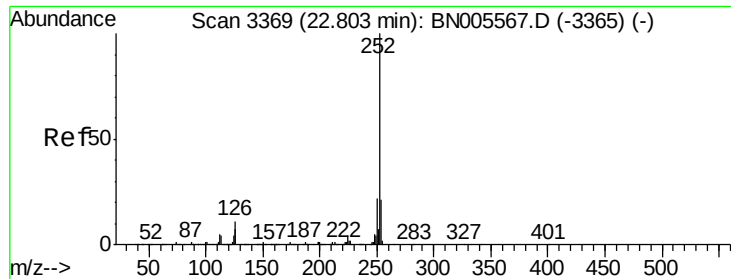
Abundance

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





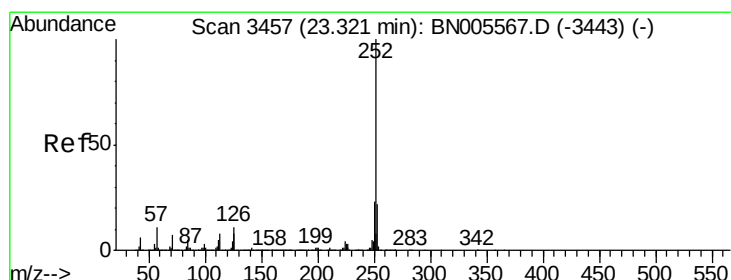
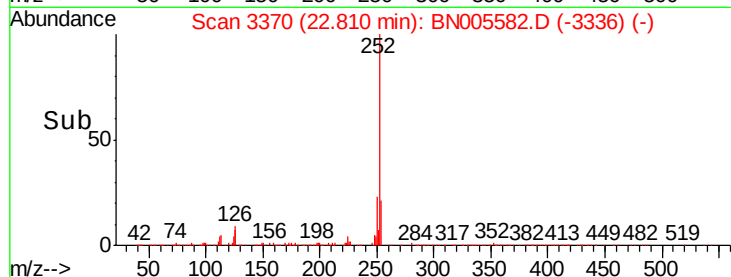
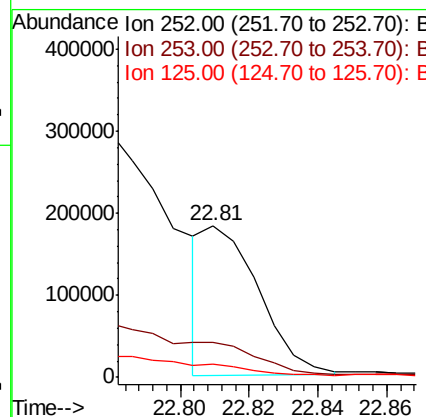
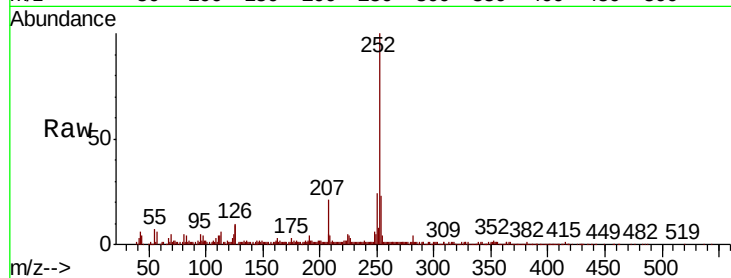
#88
Benzo(k)fluoranthene
Concen: 3.357 ng/ul m
RT: 22.81 min Scan# 3370
Delta R.T. -0.00 min
Lab File: BN005582.D
Acq: 10 May 2019 00:36

Instrument :
BNA_N
ClientSampleId :
GAJ84DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	8.6	7.5	11.3

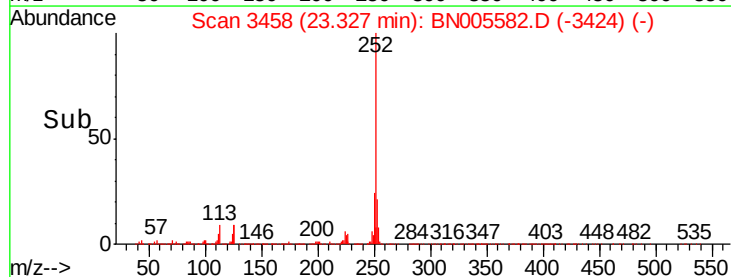
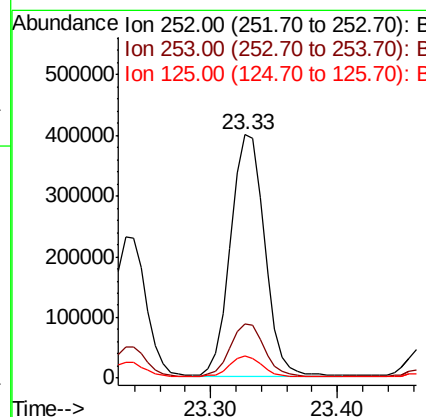
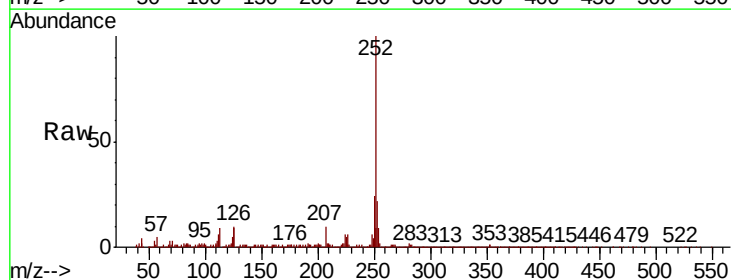
Manual Integrations
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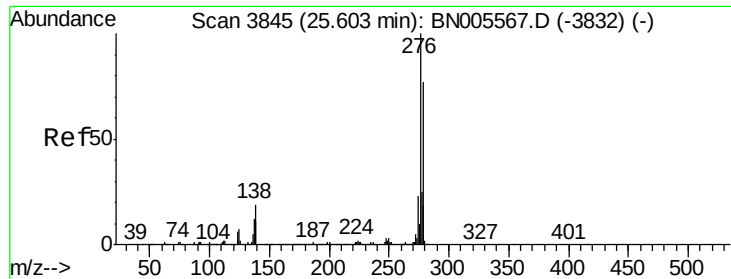
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#90
Benzo(a)pyrene
Concen: 12.793 ng/ul
RT: 23.33 min Scan# 3458
Delta R.T. -0.00 min
Lab File: BN005582.D
Acq: 10 May 2019 00:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	9.1	8.6	13.0





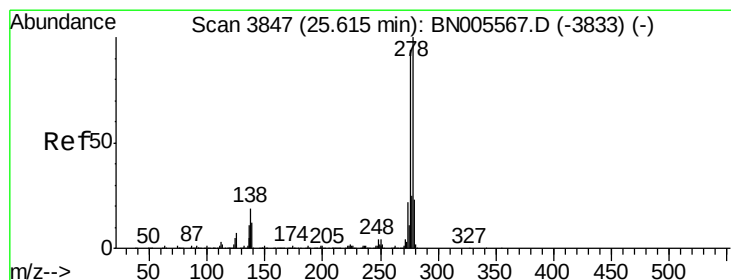
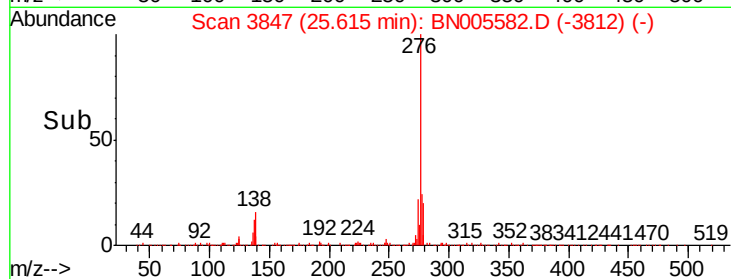
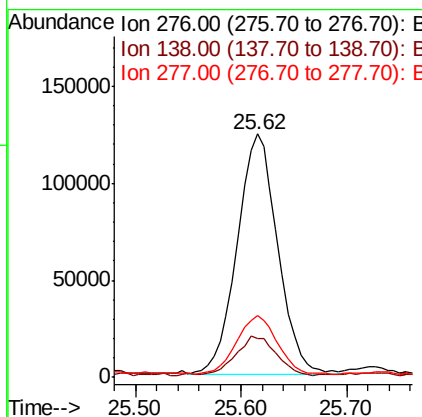
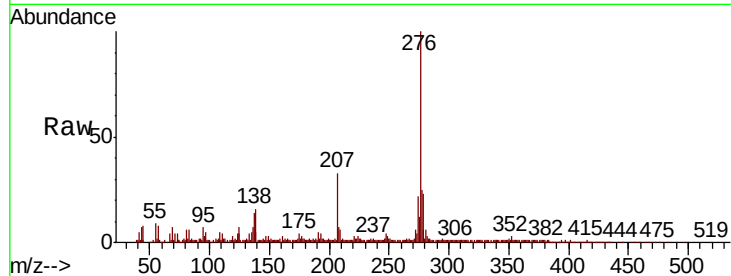
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 5.113 ng/ul
 RT: 25.62 min Scan# 3847
 Delta R.T. 0.01 min
 Lab File: BN005582.D
 Acq: 10 May 2019 00:36

Instrument :
 BNA_N
 ClientSampleId :
 GAJ84DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.0	17.9	26.9#
277	25.2	19.7	29.5

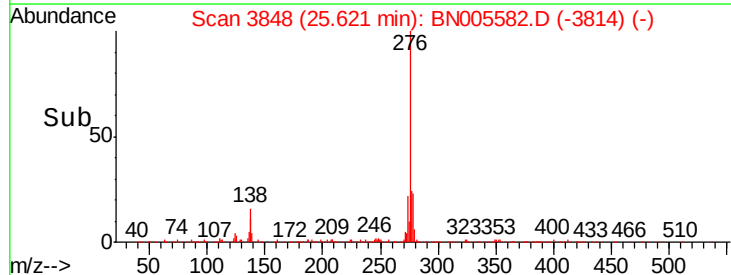
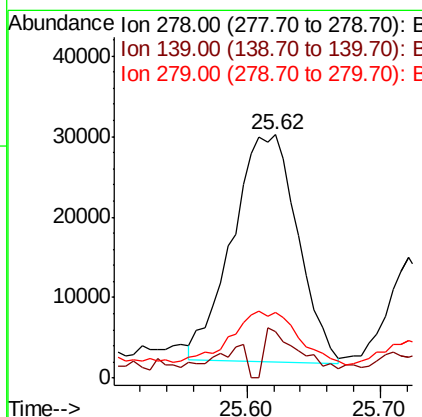
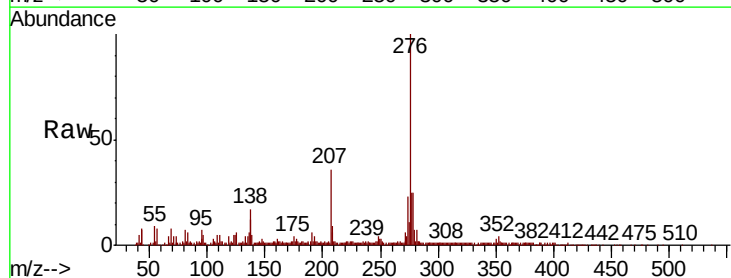
Manual Integrations
 APPROVED

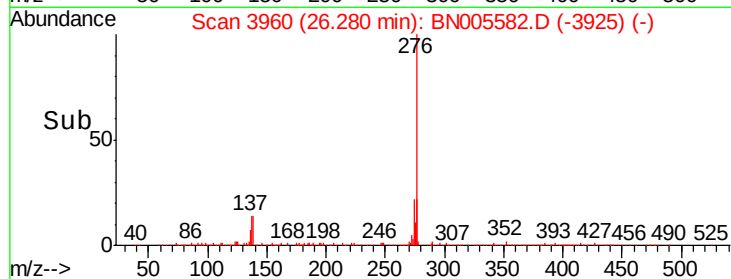
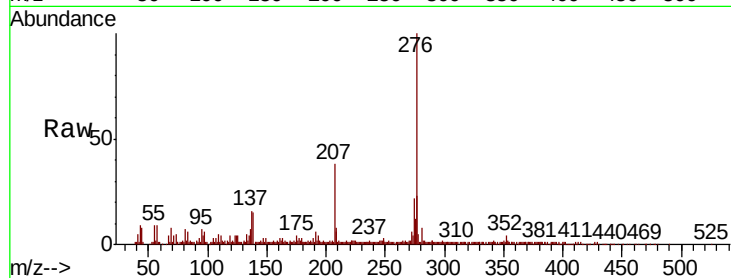
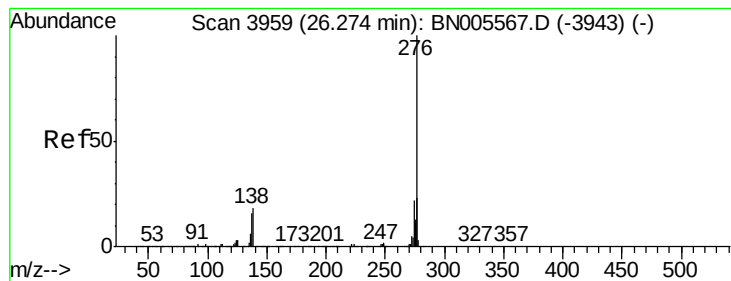
Sohil
 5/10/2019 1:19:46 PM



#92
 Dibenzo(a,h)anthracene
 Concen: 1.753 ng/ul
 RT: 25.62 min Scan# 3848
 Delta R.T. -0.00 min
 Lab File: BN005582.D
 Acq: 10 May 2019 00:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	13.1	19.7
279	27.2	19.4	29.0





#93

Benzo(a,h,i)perylene

Concen: 6.179 ng/ul

RT: 26.28 min Scan# 3960

Delta R.T. 0.01 min

Lab File: BN005582.D

Acq: 10 May 2019 00:36

Instrument :

BNA_N

ClientSampleId :

GAJ84DL

Tot Ion:	276	Resp:	327964
Ion Ratio	Lower	Upper	
276	100		
138	14.9	16.7	25.1#
277	23.3	18.2	27.2

Manual Integrations
APPROVED

Sohil
5/10/2019 1:19:46 PM

