

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032718\
 Data File : BN000651.D
 Acq On : 27 Mar 2018 17:37
 Operator : JU/SJ
 Sample : J2060-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS3

Manual Integrations
 APPROVED

Sohil
 3/28/2018 5:02:10 PM

Quant Time: Mar 28 02:27:57 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 28 01:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	166074	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	743074	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.02	164	406094	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	843637	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	717325	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	560456	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	21234	4.57	ng/uL	0.00
5) Phenol-d5	7.55	99	347446	22.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	252555	28.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	297974	25.43	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	270024	22.37	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	157473	26.09	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	170192	27.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	287139	25.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	386111	33.57	ng/ul	0.00
43) Dimethylphthalate-d6	14.41	166	912949	28.46	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	1178784	27.85	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	84752	14.23	ng/ul	0.00
57) Fluorene-d10	16.01	176	764605	27.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	67879	14.05	ng/ul	0.00
70) Anthracene-d10	17.85	188	1111461	27.41	ng/ul	0.00
76) Pyrene-d10	20.11	212	1143224	28.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.19	264	765106	28.92	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.58	94	23494	1.486	ng/ul	97
44) Dimethylphthalate	14.46	163	200119	6.306	ng/ul	98
69) Phenanthrene	17.80	178	242700	4.994	ng/ul	99
71) Anthracene	17.88	178	65351	1.311	ng/ul	97
74) Fluoranthene	19.78	202	644205	13.339	ng/ul#	83
77) Pyrene	20.14	202	555020m	10.593	ng/ul	
80) Benzo(a)anthracene	21.86	228	389566	8.151	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.74	149	41274	1.092	ng/ul#	97
82) Chrysene	21.91	228	345905	7.720	ng/ul	98
85) Benzo(b)fluoranthene	23.60	252	355752	10.046	ng/ul#	94
86) Benzo(k)fluoranthene	23.64	252	118197m	3.457	ng/ul	
88) Benzo(a)pyrene	24.25	252	192832	5.786	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.91	276	92880	2.584	ng/ul#	82
91) Benzo(g,h,i)perylene	27.69	276	82360	2.758	ng/ul#	83

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

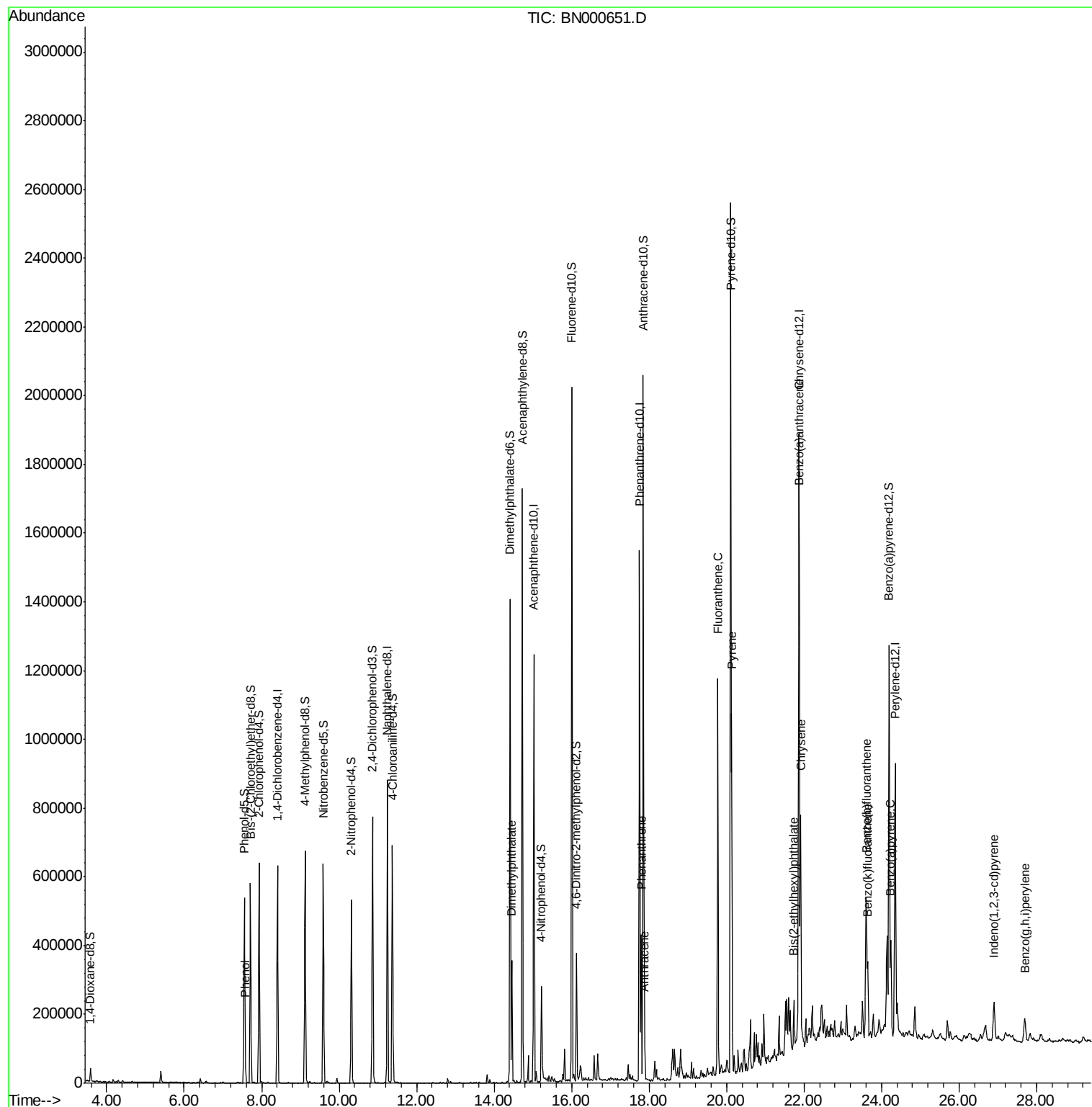
Data Path : Z:\HPCHEM1\BNA N\DATA\BN032718\
Data File : BN000651.D
Acq On : 27 Mar 2018 17:37
Operator : JU/SJ
Sample : J2060-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

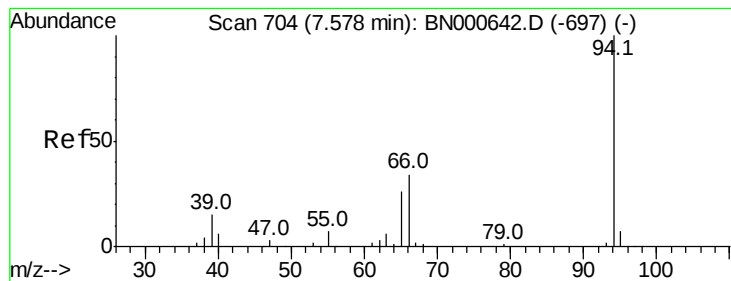
Instrument :
BNA_N
ClientSampleId :
C0AS3

Manual Integrations
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Quant Time: Mar 28 02:27:57 2018
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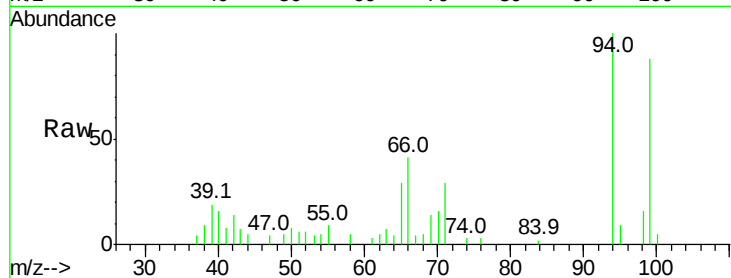


#6

Phenol

Concen: 1.486 ng/ul
 RT: 7.58 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BN000651.D
 Acq: 27 Mar 2018 17:37

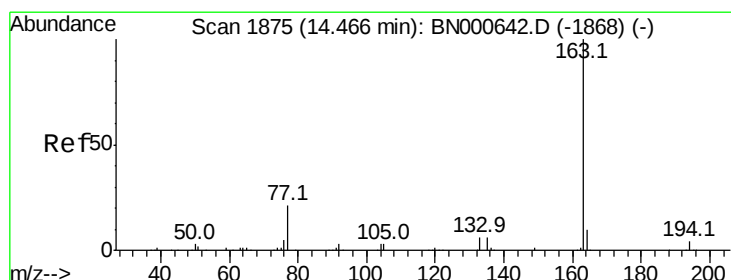
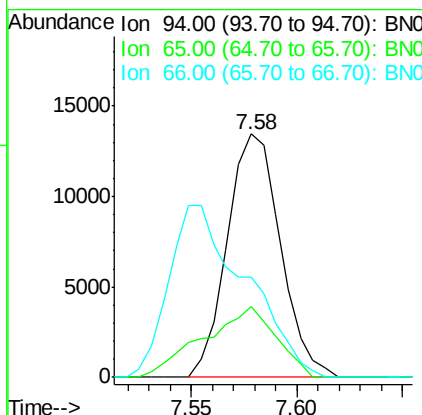
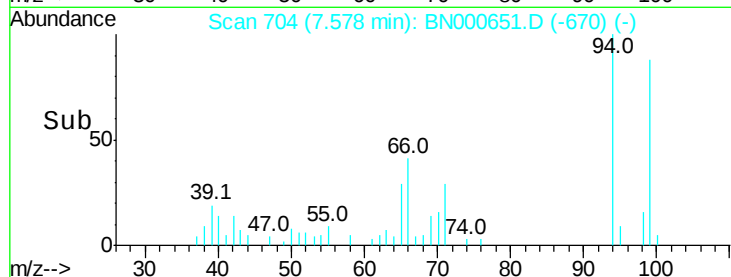
Instrument :
 BNA_N
 ClientSampled :
 C0AS3



Tot Ion:	94	Resp:	23494
Ion	Ratio	Lower	Upper
94	100		
65	29.2	23.0	34.6
66	41.2	30.4	45.6

Manual Integrations
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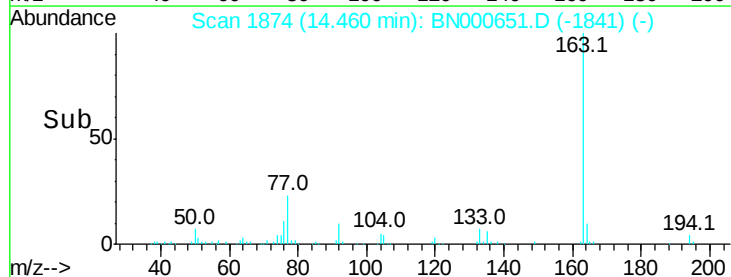
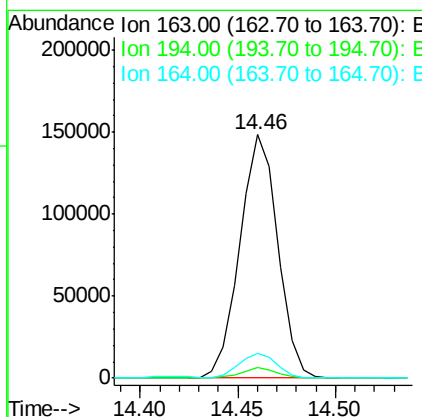
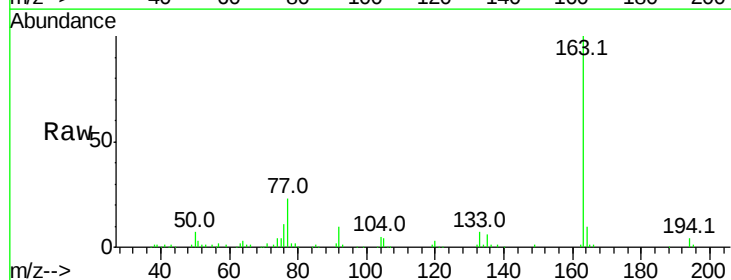


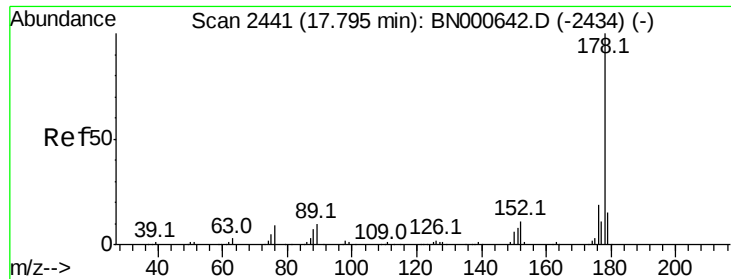
#44

Dimethylphthalate

Concen: 6.306 ng/ul
 RT: 14.46 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BN000651.D
 Acq: 27 Mar 2018 17:37

Tgt Ion:	163	Resp:	200119
Ion	Ratio	Lower	Upper
163	100		
194	4.2	4.0	6.0
164	10.1	8.4	12.6





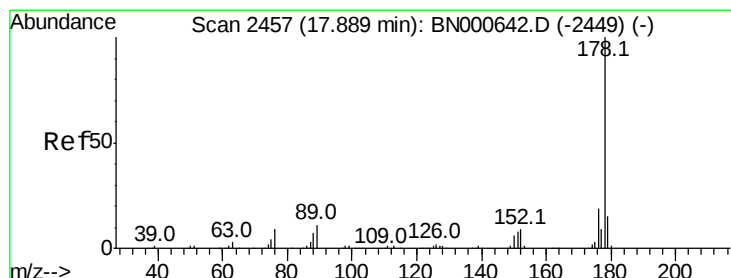
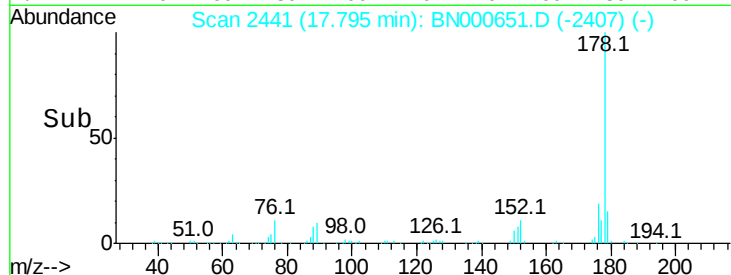
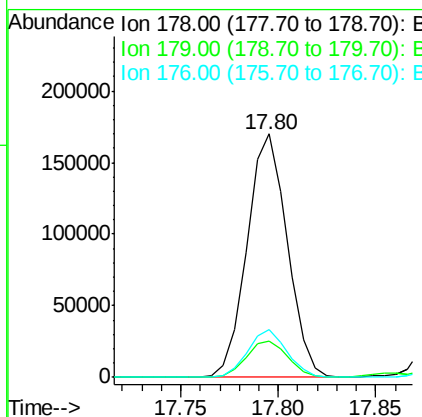
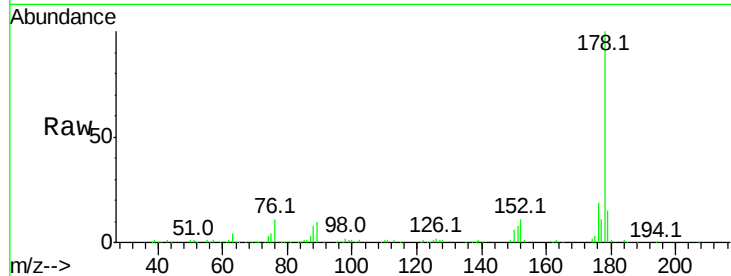
#69
 Phenanthrene
 Concen: 4.994 ng/ul
 RT: 17.80 min Scan# 2441
 Delta R.T. 0.00 min
 Lab File: BN000651.D
 Acq: 27 Mar 2018 17:37

Instrument :
 BNA_N
 ClientSampled :
 C0AS3

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	19.5	15.4	23.0

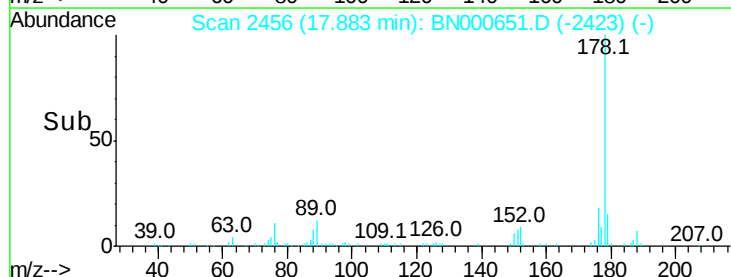
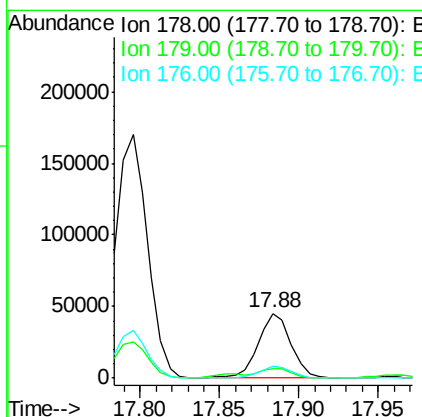
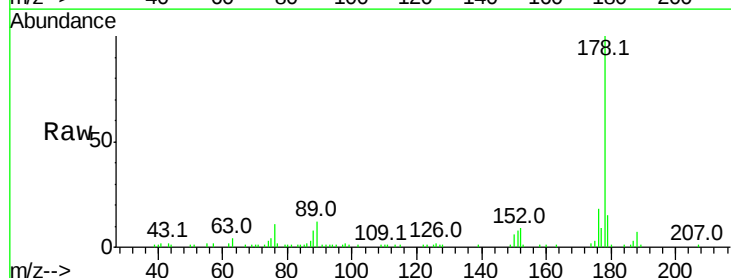
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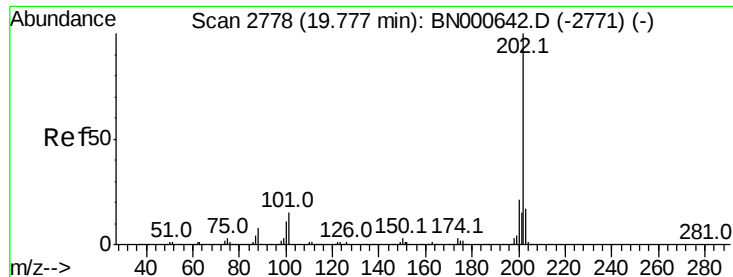
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#71
 Anthracene
 Concen: 1.311 ng/ul
 RT: 17.88 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BN000651.D
 Acq: 27 Mar 2018 17:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.4	20.2
176	18.3	15.4	23.0





#74

Fluoranthene

Concen: 13.339 ng/ul

RT: 19.78 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BN000651.D

Acq: 27 Mar 2018 17:37

Instrument :

BNA_N

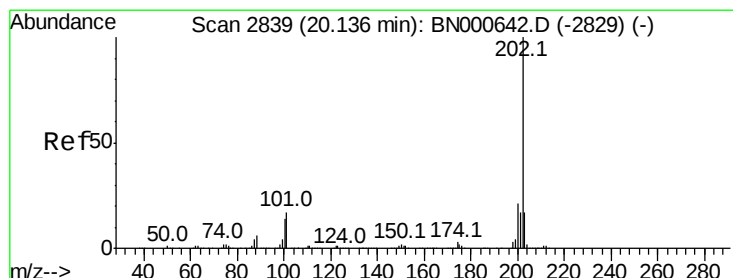
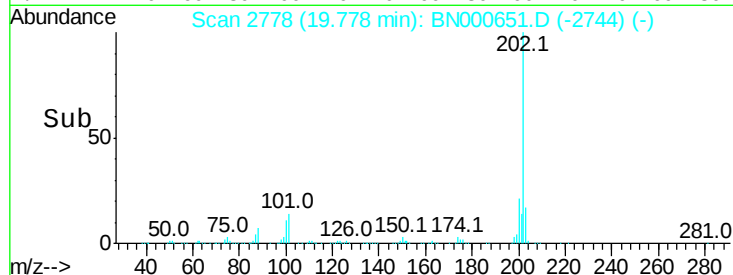
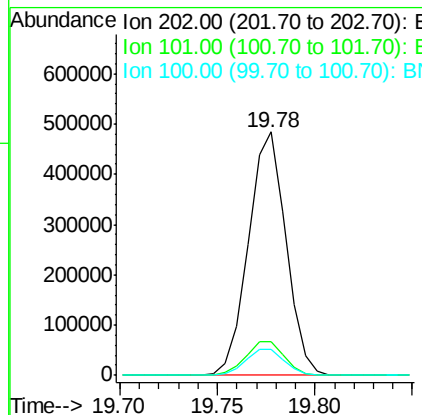
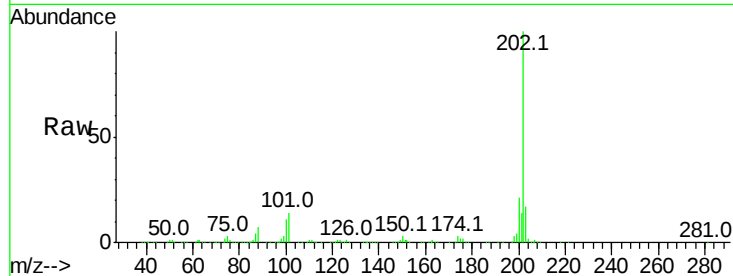
ClientSampled :

C0AS3

Tot Ion:	202	Resp:	644205
Ion Ratio	Lower	Upper	
202	100		
101	14.1	6.1	9.1#
100	10.6	4.6	7.0#

Manual Integrations
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#77

Pyrene

Concen: 10.593 ng/ul m

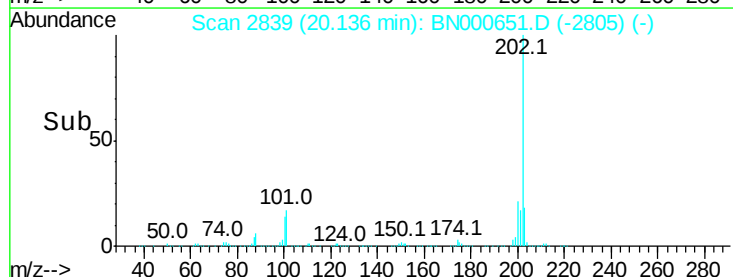
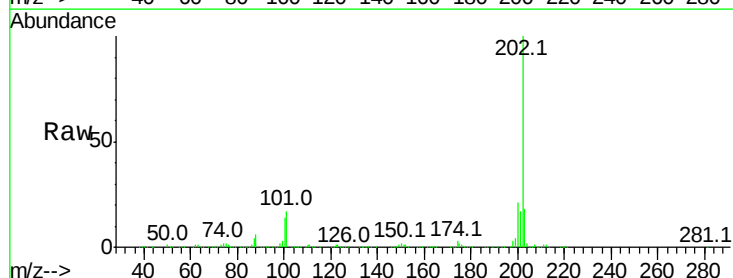
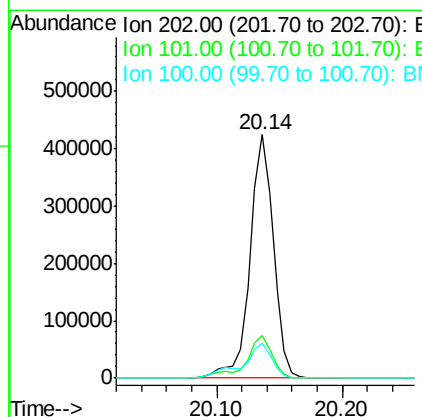
RT: 20.14 min Scan# 2839

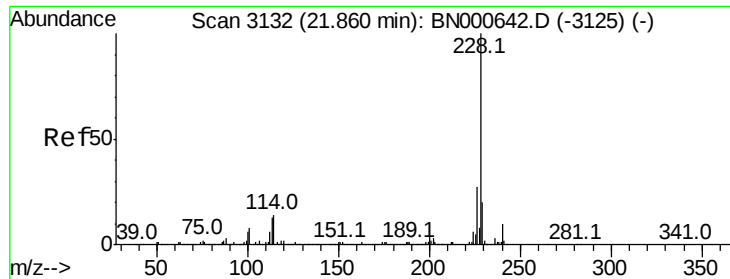
Delta R.T. 0.00 min

Lab File: BN000651.D

Acq: 27 Mar 2018 17:37

Tgt Ion:	202	Resp:	555020
Ion Ratio	Lower	Upper	
202	100		
101	17.3	6.9	10.3#
100	14.2	5.6	8.4#





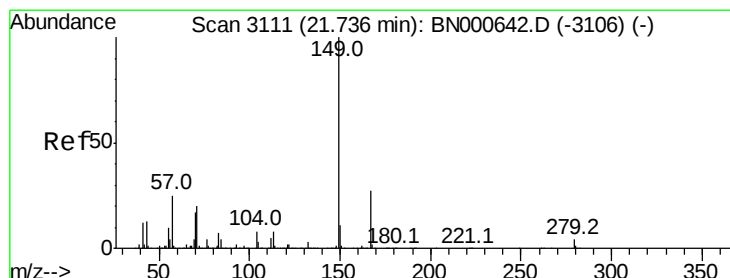
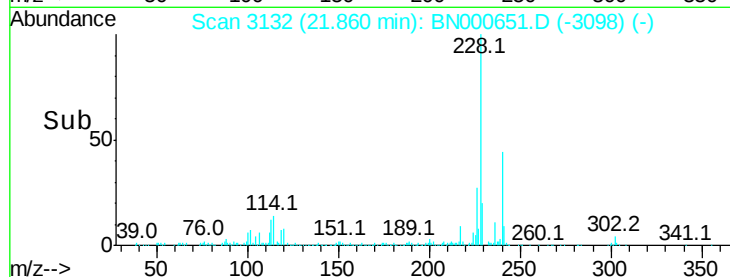
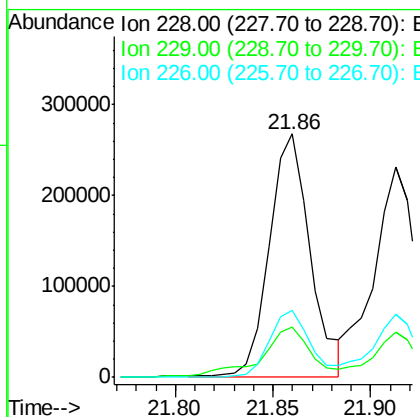
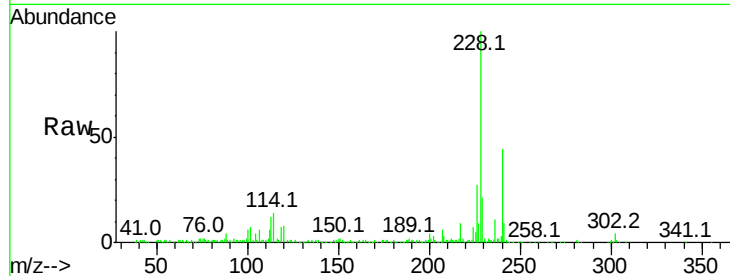
#80
Benzo(a)anthracene
Concen: 8.151 ng/ul
RT: 21.86 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BN000651.D
Acq: 27 Mar 2018 17:37

Instrument :
BNA_N
ClientSampleId :
C0AS3

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.0	24.0
226	27.3	21.8	32.8

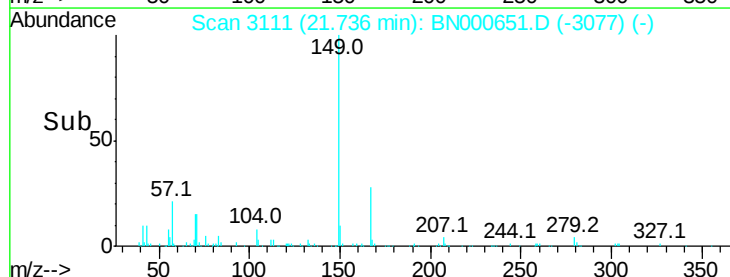
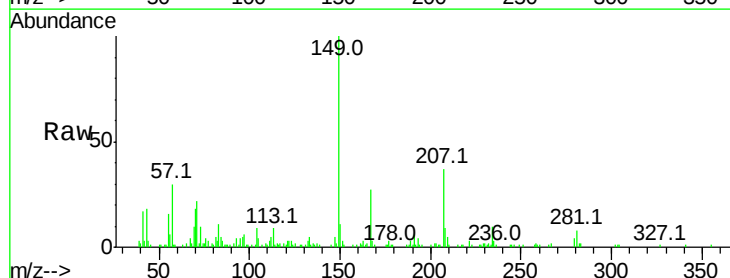
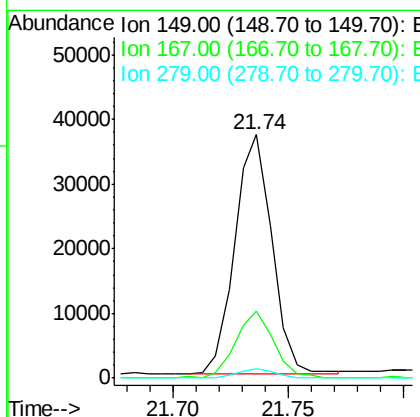
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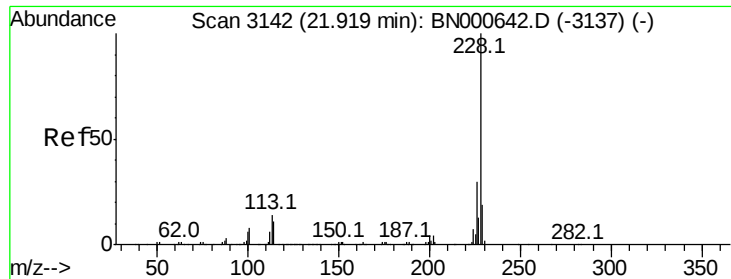
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#81
Bis(2-ethylhexyl)phthalate
Concen: 1.092 ng/ul
RT: 21.74 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BN000651.D
Acq: 27 Mar 2018 17:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	23.0	34.6
279	3.9	4.3	6.5#





#82

Chrysene

Concen: 7.720 ng/ul

RT: 21.91 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BN000651.D

Acq: 27 Mar 2018 17:37

Instrument :

BNA_N

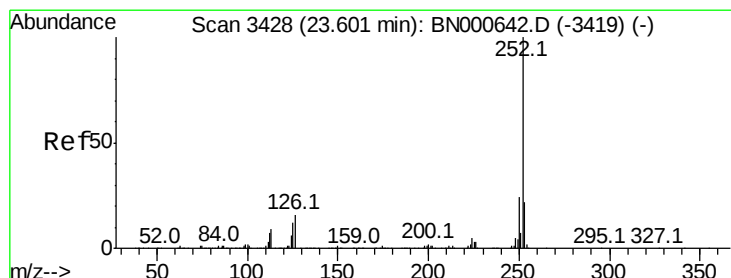
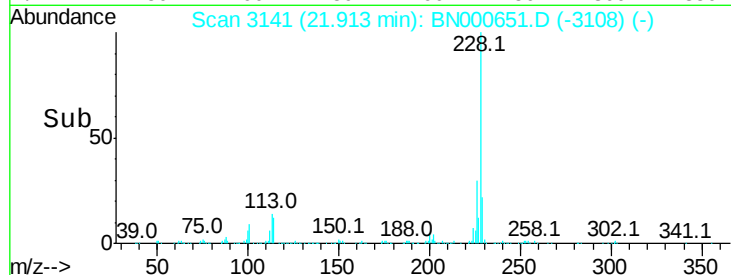
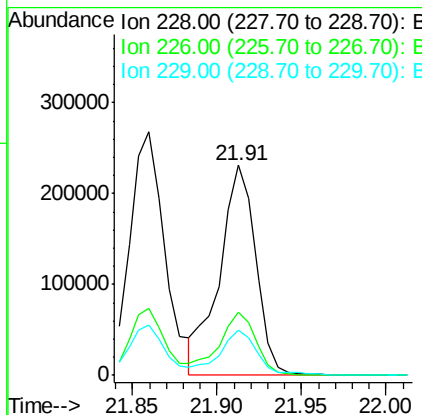
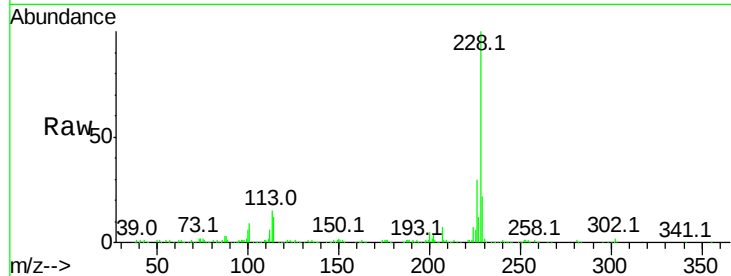
ClientSampled :

C0AS3

Tot Ion:	228	Resp:	345905
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.1	36.1
229	21.8	16.0	24.0

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 10.046 ng/ul

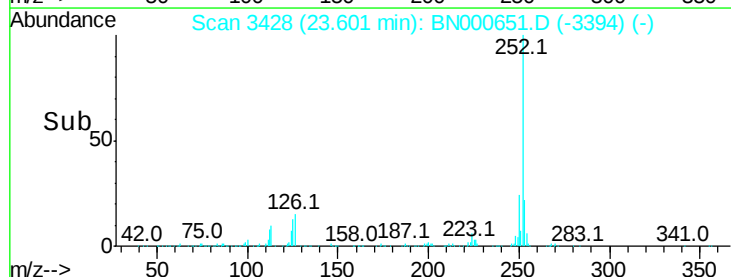
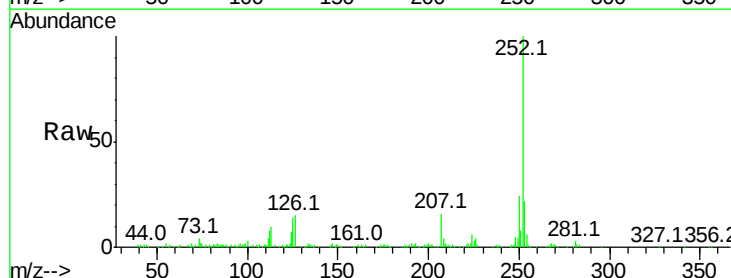
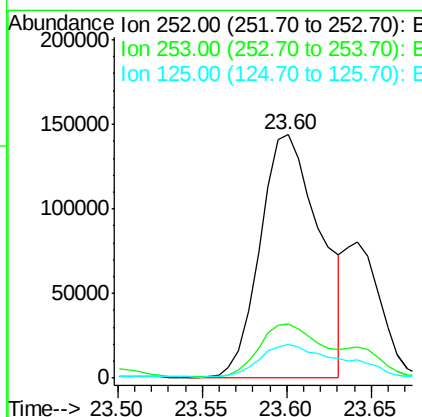
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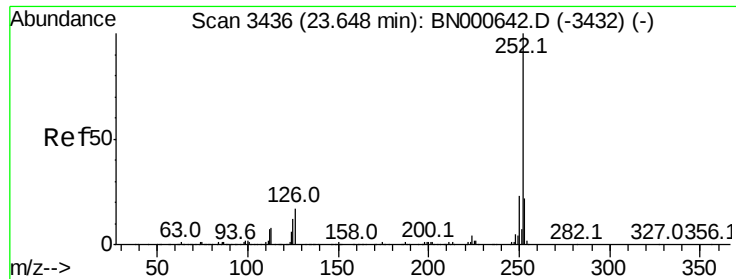
Delta R.T. 0.00 min

Lab File: BN000651.D

Acq: 27 Mar 2018 17:37

Tgt Ion:	252	Resp:	355752
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.0
125	13.7	4.9	7.3#





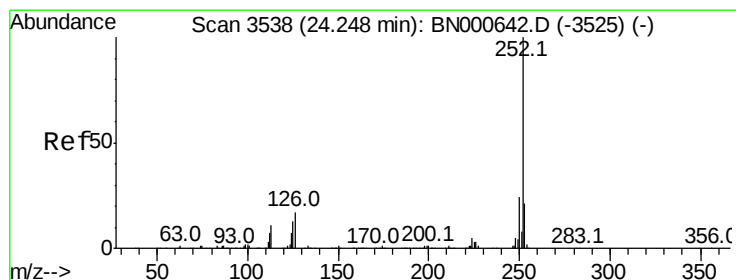
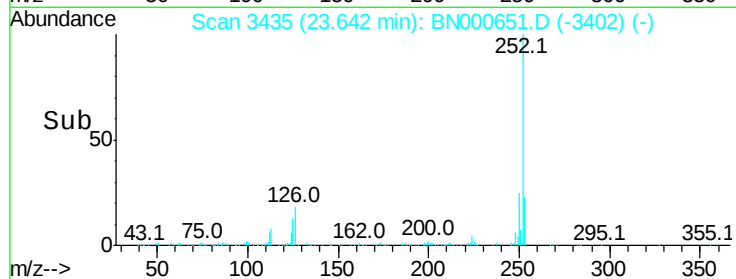
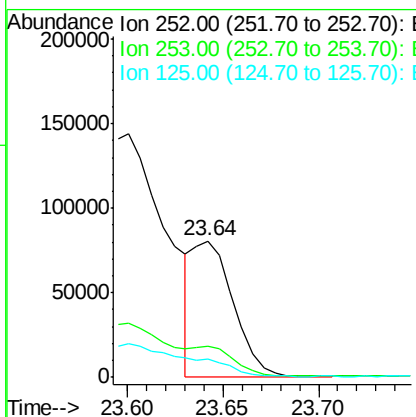
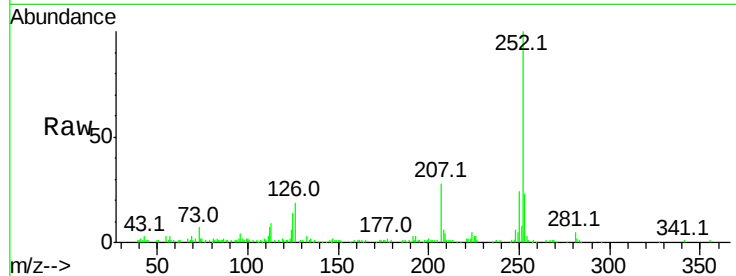
#86
Benzo(k)fluoranthene
Concen: 3.457 ng/ul
RT: 23.64 min Scan# 3435
Delta R.T. -0.01 min
Lab File: BN000651.D
Acq: 27 Mar 2018 17:37

Instrument :
BNA_N
ClientSampled :
C0AS3

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	17.1	25.7
125	13.6	5.4	8.0#

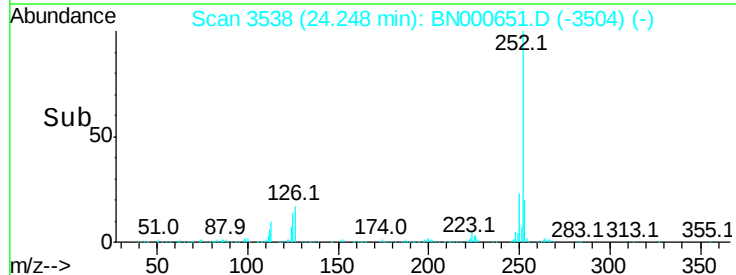
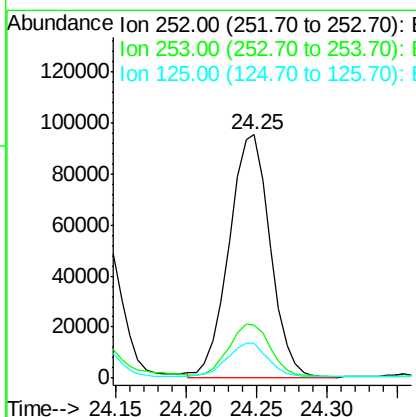
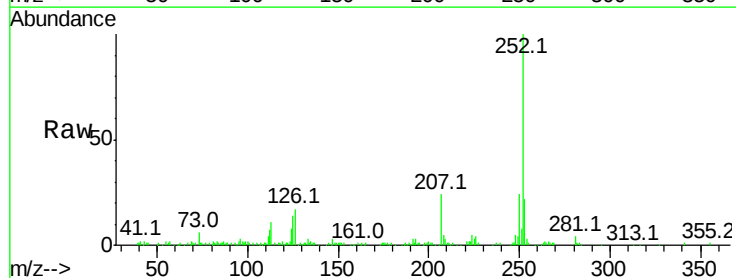
Manual Integrations
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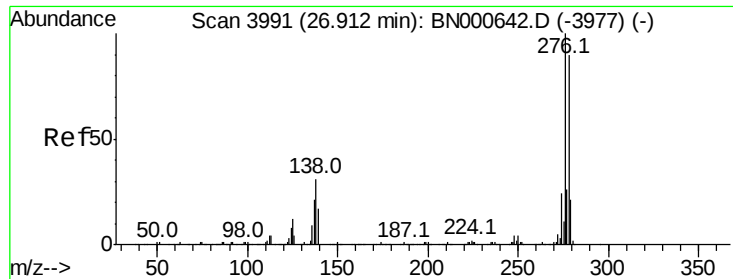
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#88
Benzo(a)pyrene
Concen: 5.786 ng/ul
RT: 24.25 min Scan# 3538
Delta R.T. 0.00 min
Lab File: BN000651.D
Acq: 27 Mar 2018 17:37

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.5	17.2	25.8
125	14.5	5.8	8.6#





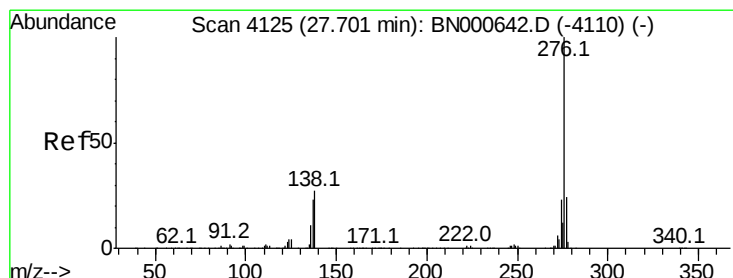
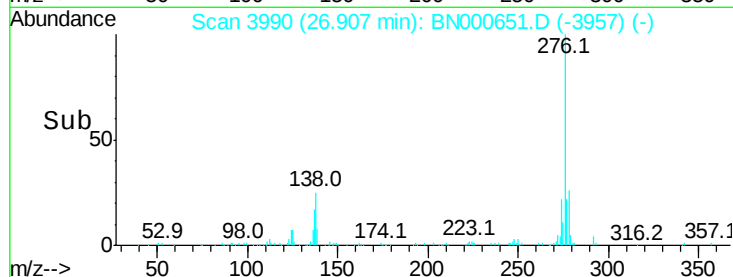
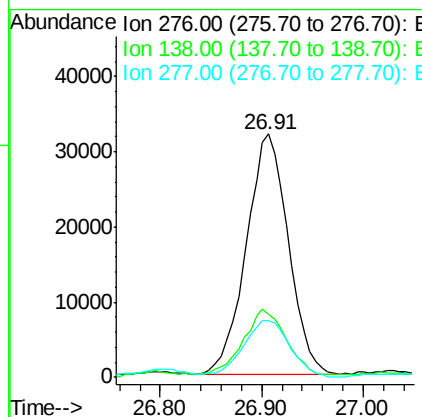
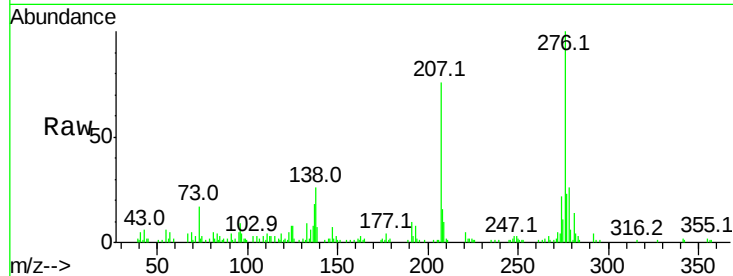
#89
Indeno(1,2,3-cd)pyrene
Concen: 2.584 ng/uL
RT: 26.91 min Scan# 3990
Delta R.T. -0.01 min
Lab File: BN000651.D
Acq: 27 Mar 2018 17:37

Instrument :
BNA_N
ClientSampled :
C0AS3

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.4	10.9	16.3#
277	23.3	18.9	28.3

Manual Integrations
APPROVED

Sohil
3/28/2018 5:02:10 PM



#91
Benzo(g,h,i)perylene
Concen: 2.758 ng/uL
RT: 27.69 min Scan# 4124
Delta R.T. -0.01 min
Lab File: BN000651.D
Acq: 27 Mar 2018 17:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	11.2	16.8#
277	26.0	19.0	28.6

