

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
 Data File : BN005271.D
 Acq On : 25 Apr 2019 03:59
 Operator : JU/SJ
 Sample : K2455-01 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ3

Manual Integrations
 APPROVED

Sohil
 4/25/2019 5:35:06 PM

Quant Time: Apr 25 06:52:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	569995	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2465505	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1422160	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2989251	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2039118	20.00	ng/ul	-0.02
85) Perylene-d12	23.41	264	2157203	20.00	ng/ul	-0.03

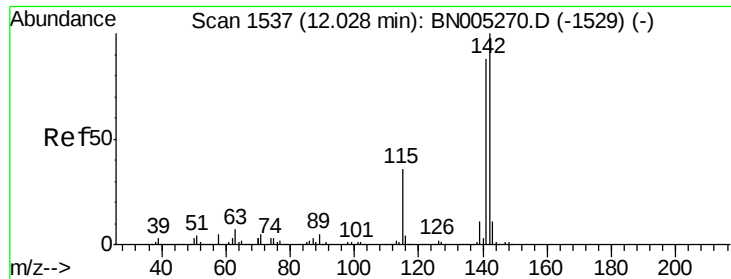
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	10550	0.89	ng/uL	0.00
5) Phenol-d5	6.78	99	206161	4.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	131006	4.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	165584	4.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	159535	4.56	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	79453	5.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	80314	5.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	168416	4.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	100902	2.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	526459	5.10	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	644688	5.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	46985	2.88	ng/ul	0.00
57) Fluorene-d10	15.23	176	449239	5.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	22109	1.64	ng/ul	0.00
70) Anthracene-d10	17.08	188	655418	5.23	ng/ul	0.00
78) Pyrene-d10	19.39	212	620807	5.95	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	457110	4.85	ng/ul	-0.04

Target Compounds

					Ovalue	
34) 2-Methylnaphthalene	12.03	142	108550	1.293	ng/ul	97
44) Dimethylphthalate	13.69	163	161615	1.571	ng/ul#	98
47) Acenaphthylene	13.95	152	1334514	10.710	ng/ul	98
58) Fluorene	15.28	166	194673	2.037	ng/ul#	97
69) Phenanthrene	17.02	178	1028103	7.062	ng/ul	99
71) Anthracene	17.12	178	699927	4.720	ng/ul	100
76) Fluoranthene	19.06	202	1705637	10.563	ng/ul	99
79) Pyrene	19.43	202	5868011	44.694	ng/ul	97
82) Benzo(a)anthracene	21.20	228	1864451m	14.698	ng/ul	
84) Chrysene	21.24	228	1814586	15.413	ng/ul	97
87) Benzo(b)fluoranthene	22.76	252	2114844	17.440	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	527824m	4.558	ng/ul	
90) Benzo(a)pyrene	23.32	252	1946277	17.076	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.58	276	953601	7.567	ng/ul	97
92) Dibenzo(a,h)anthracene	25.60	278	332555	3.110	ng/ul	96
93) Benzo(g,h,i)perylene	26.24	276	694514	6.665	ng/ul	96

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



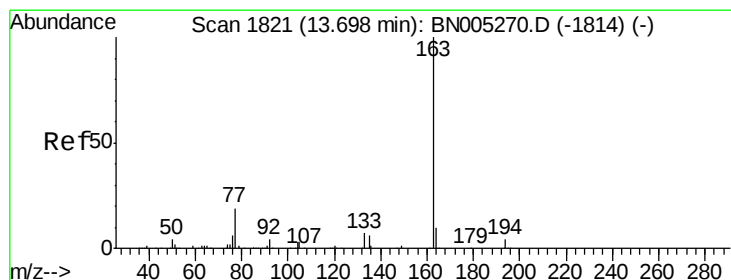
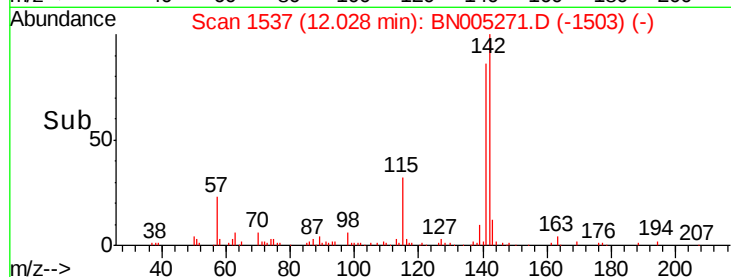
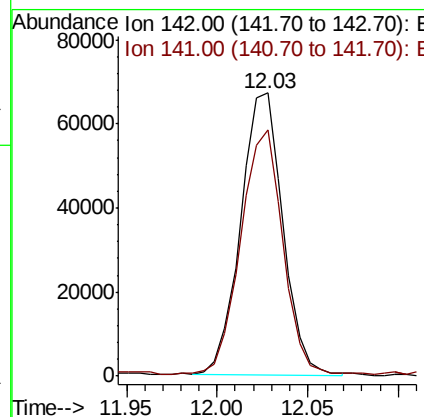
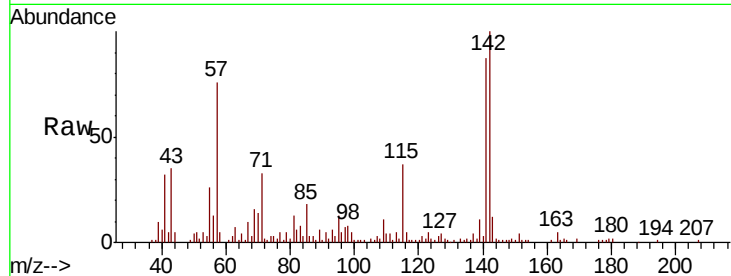
#34
 2-Methylnaphthalene
 Concen: 1.293 ng/ul
 RT: 12.03 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BN005271.D
 Acq: 25 Apr 2019 03:59

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ3

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	72.0	108.0

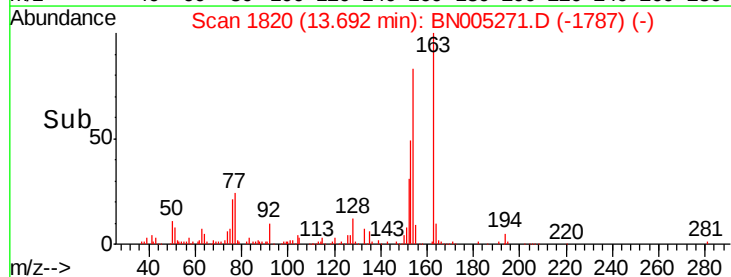
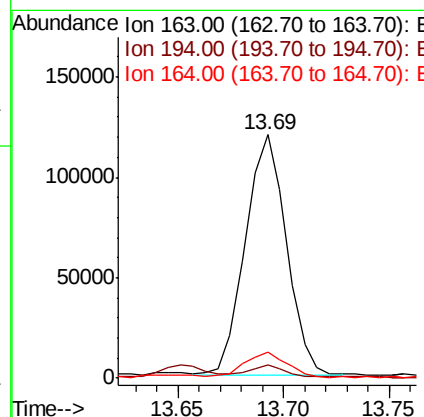
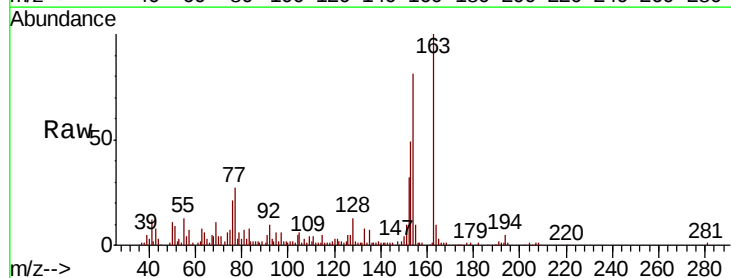
Manual Integrations
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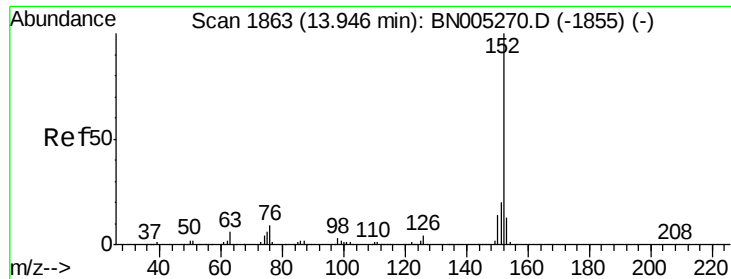
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#44
 Dimethylphthalate
 Concen: 1.571 ng/ul
 RT: 13.69 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BN005271.D
 Acq: 25 Apr 2019 03:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.4	5.0#
164	10.5	8.1	12.1





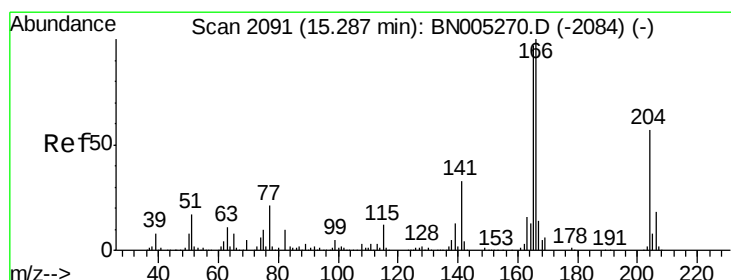
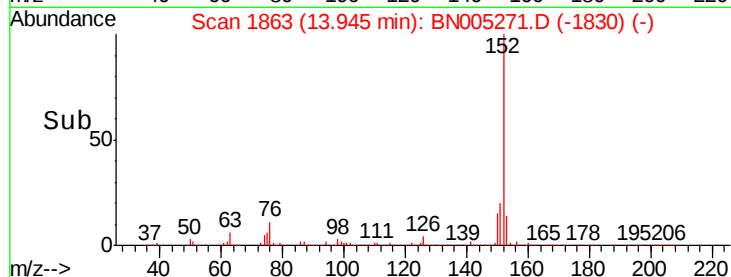
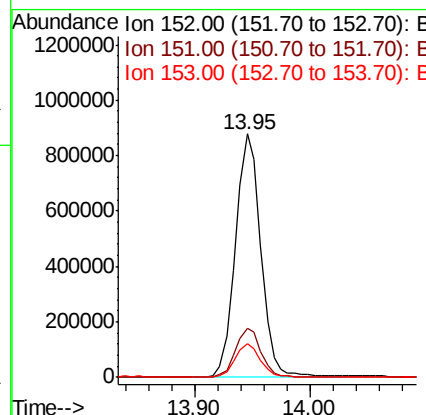
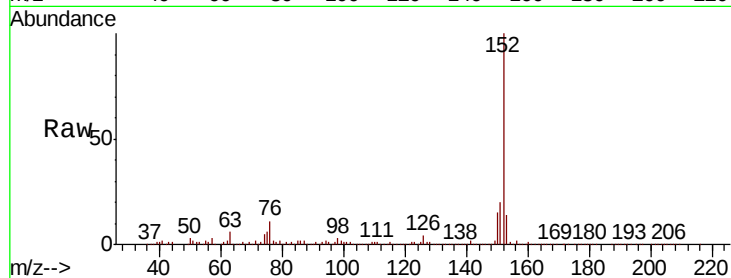
#47
Acenaphthylene
Concen: 10.710 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BN005271.D
Acq: 25 Apr 2019 03:59

Instrument :
BNA_N
ClientSampled :
GAHQ3

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	14.0	9.8	14.8

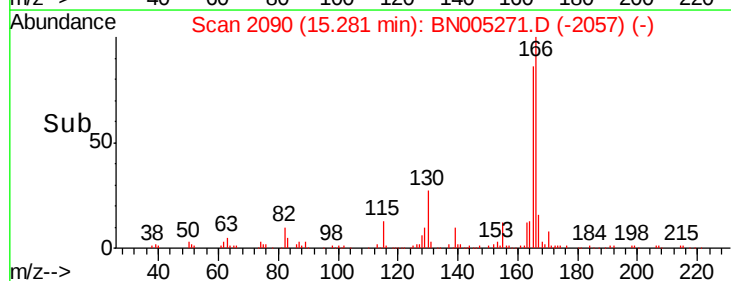
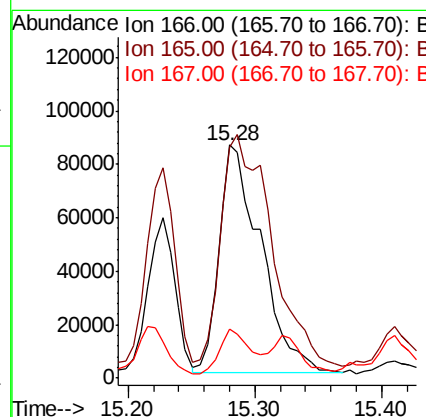
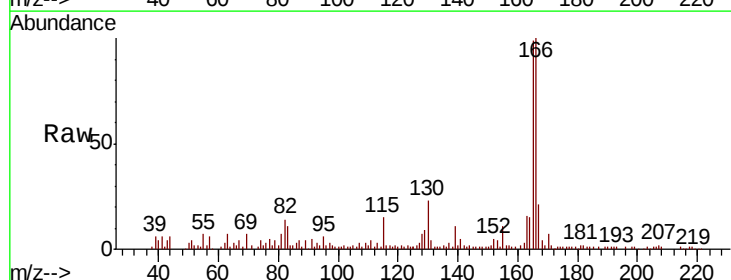
Manual Integrations
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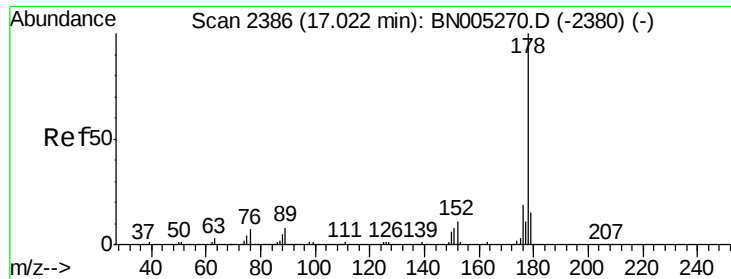
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#58
Fluorene
Concen: 2.037 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BN005271.D
Acq: 25 Apr 2019 03:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.0	120.0
167	21.0	10.7	16.1#





#69

Phenanthrene

Concen: 7.062 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN005271.D

Acq: 25 Apr 2019 03:59

Instrument :

BNA_N

ClientSampled :

GAHQ3

Tot Ion:178 Resp: 1028103

Ion Ratio Lower Upper

178 100

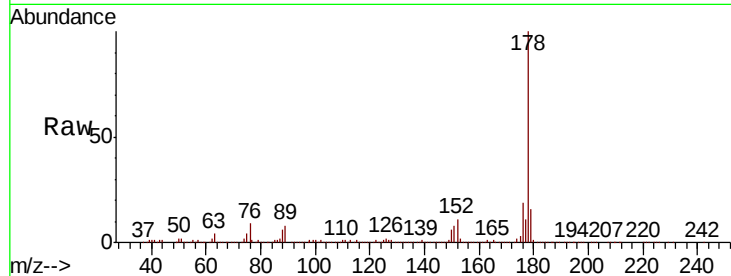
179 15.5 12.2 18.4

176 18.7 15.1 22.7

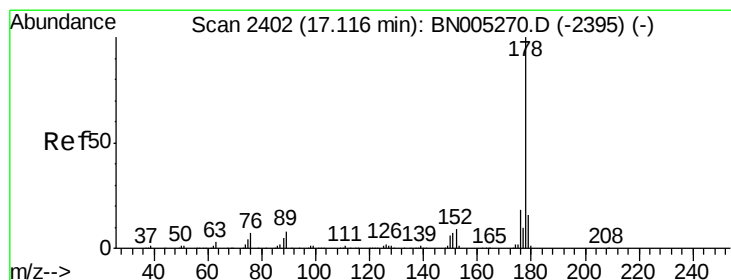
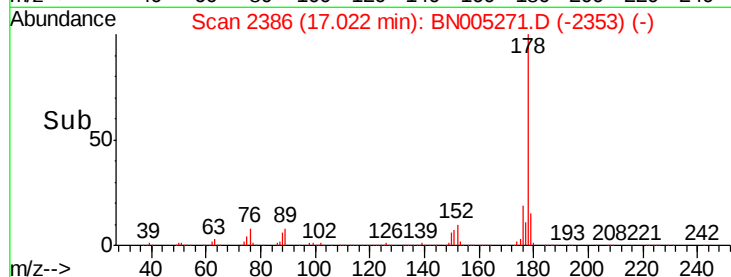
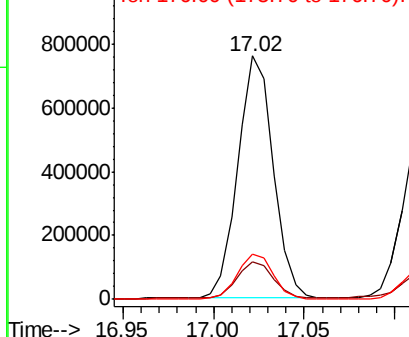
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 4.720 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BN005271.D

Acq: 25 Apr 2019 03:59

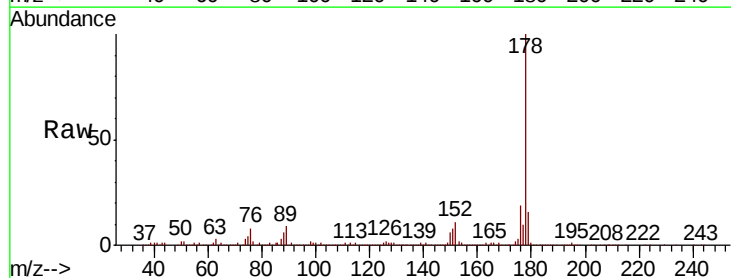
Tgt Ion:178 Resp: 699927

Ion Ratio Lower Upper

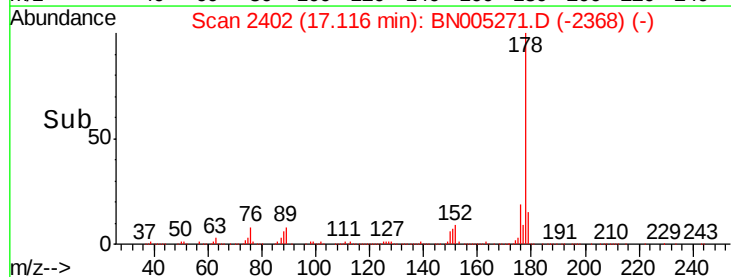
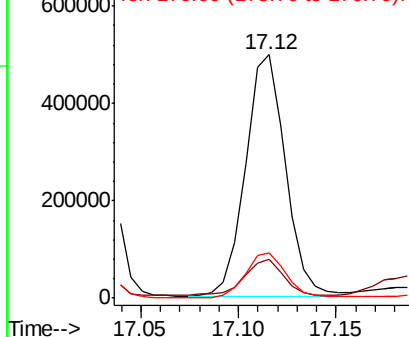
178 100

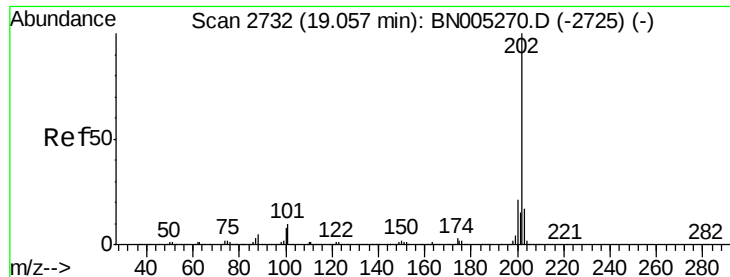
179 15.7 12.3 18.5

176 18.8 15.1 22.7



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





#76

Fluoranthene

Concen: 10.563 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BN005271.D

Acq: 25 Apr 2019 03:59

Instrument :

BNA_N

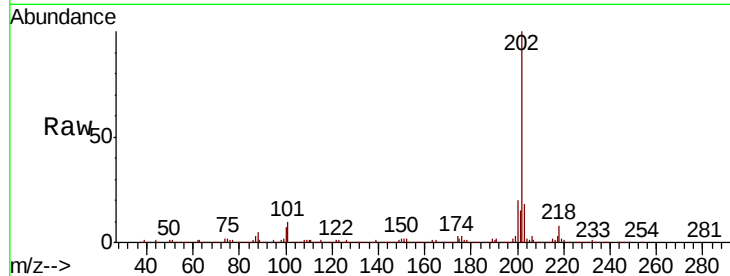
ClientSampleId :

GAHQ3

Tot Ion	Ion	Ratio	Lower	Upper
202	100			
101	10.4	8.6	12.8	
100	7.2	6.3	9.5	

Manual Integrations
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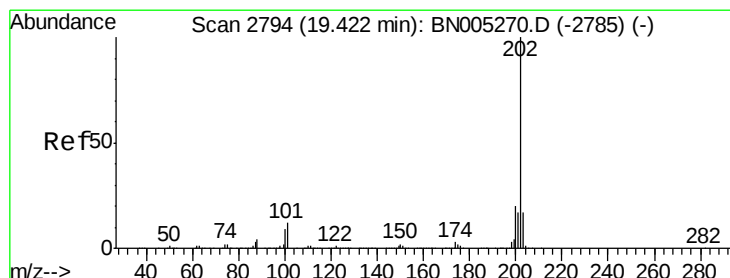
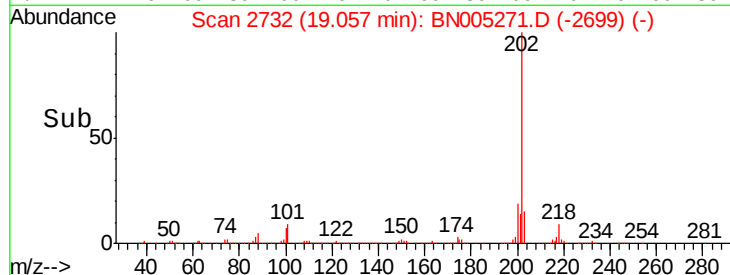
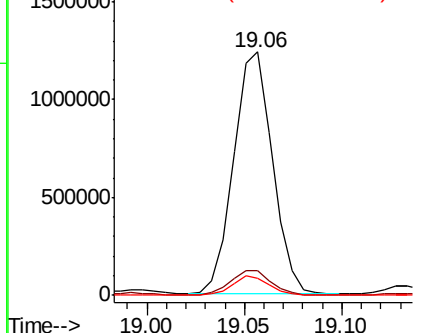


Abundance

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

Pyrene

Concen: 44.694 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BN005271.D

Acq: 25 Apr 2019 03:59

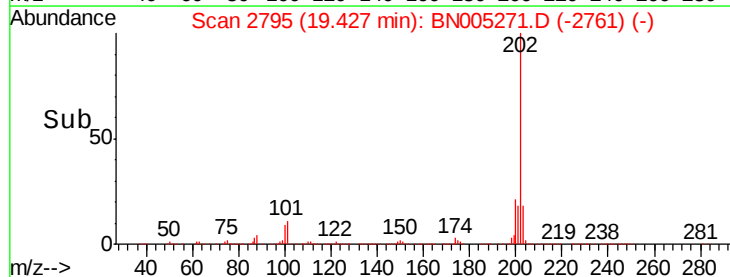
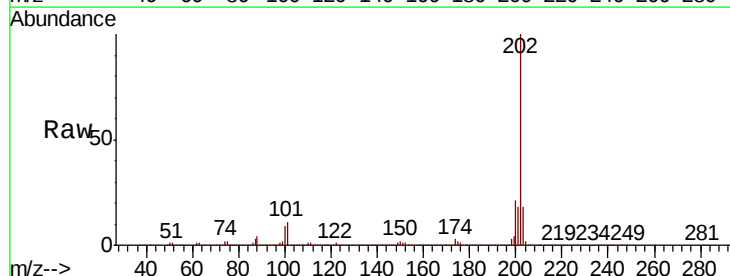
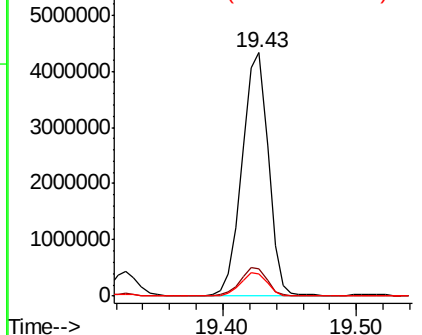
Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	11.4	10.3	15.5	
100	9.0	7.9	11.9	

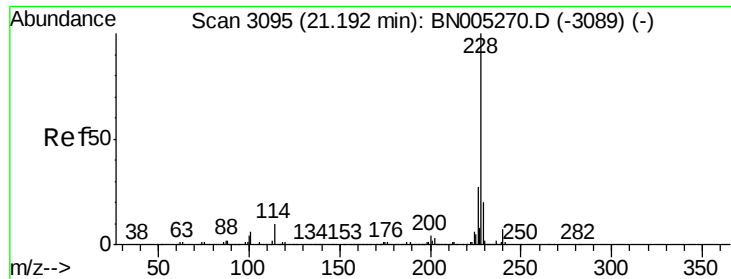
Abundance

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





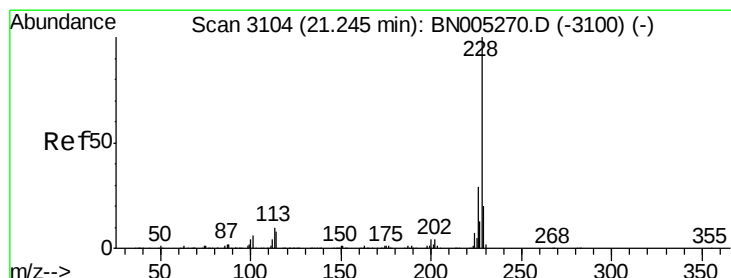
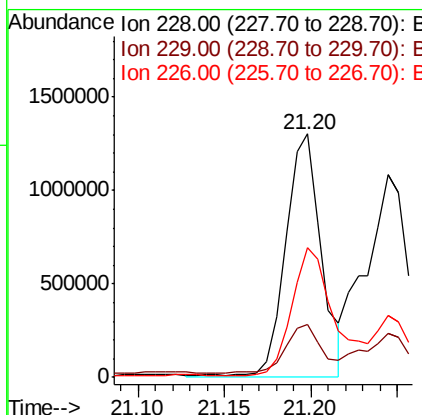
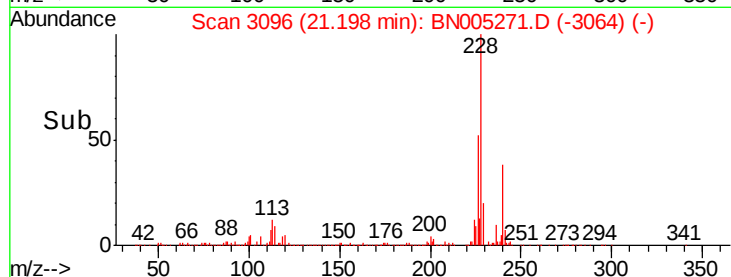
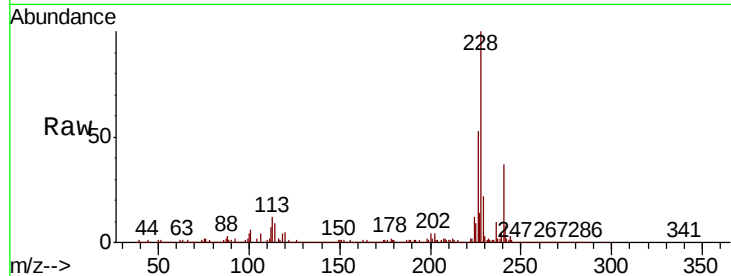
#82
Benzo(a)anthracene
Concen: 14.698 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BN005271.D
Acq: 25 Apr 2019 03:59

Instrument :
BNA_N
ClientSampleId :
GAHQ3

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
229	21.8	15.8	23.6	
226	53.1	21.4	32.2	

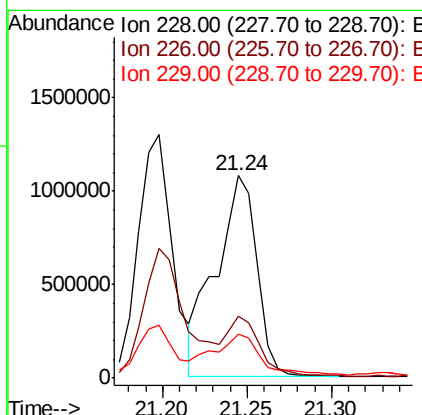
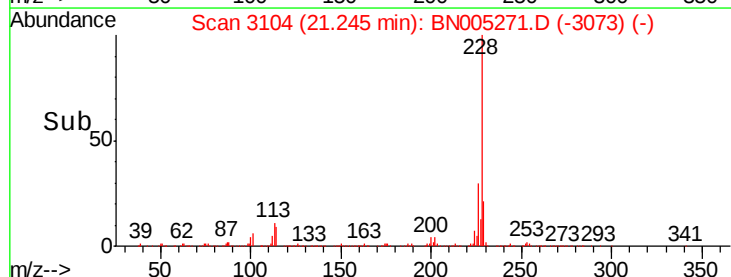
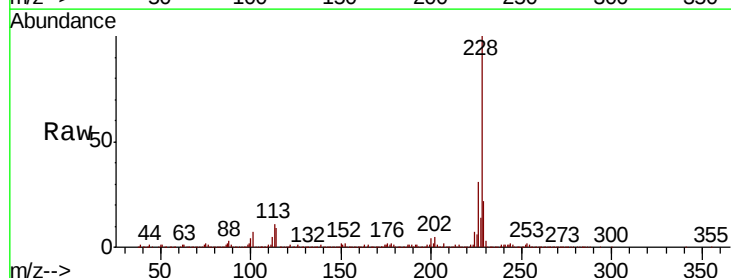
Manual Integrations
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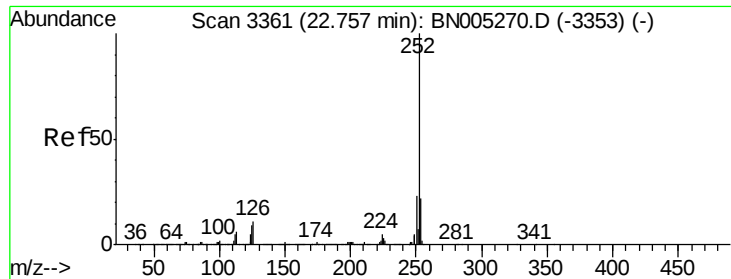
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#84
Chrysene
Concen: 15.413 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BN005271.D
Acq: 25 Apr 2019 03:59

Tgt Ion	Ion	Ratio	Lower	Upper
228	100			
226	30.8	24.0	36.0	
229	21.9	15.4	23.0	





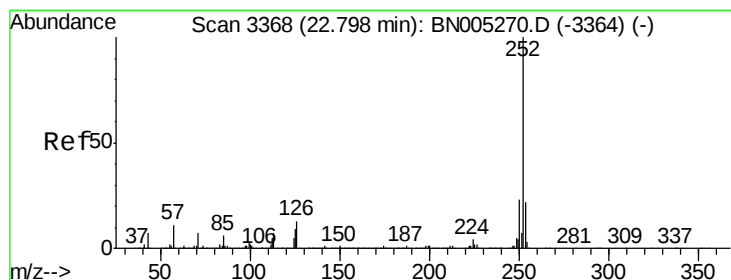
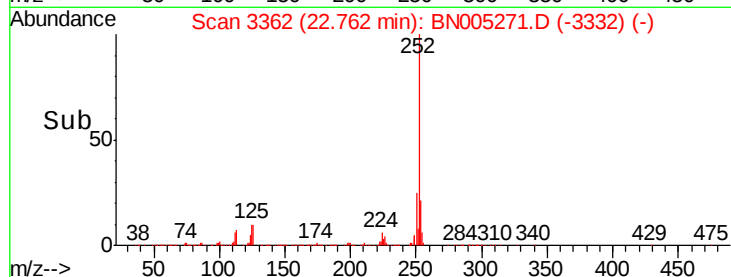
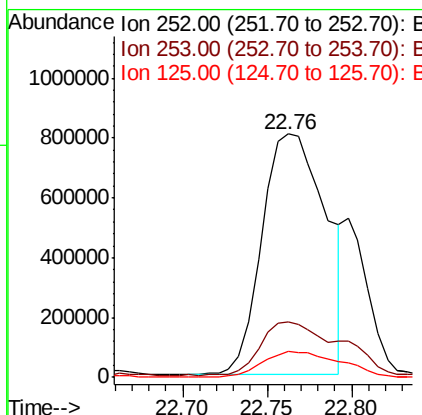
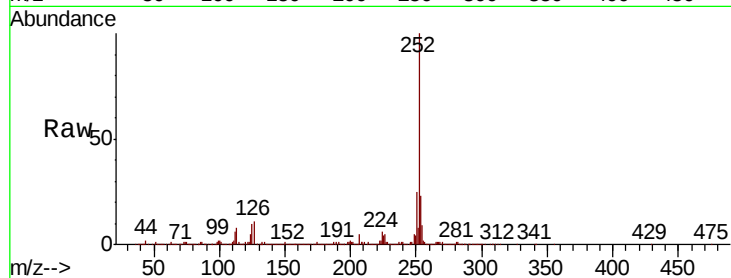
#87
Benzo(b)fluoranthene
Concen: 17.440 ng/uL
RT: 22.76 min Scan# 3362
Delta R.T. -0.02 min
Lab File: BN005271.D
Acq: 25 Apr 2019 03:59

Instrument :
BNA_N
ClientSampleID :
GAHQ3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	10.4	8.4	12.6

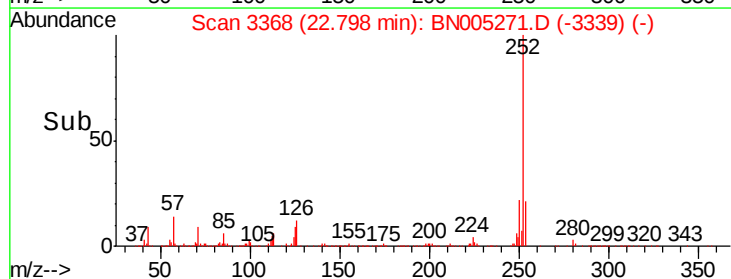
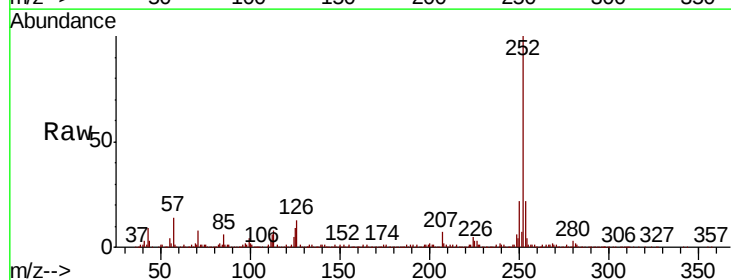
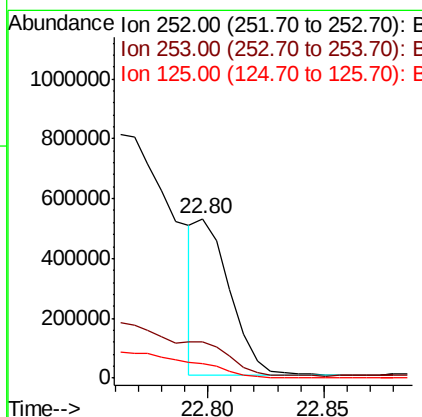
Manual Integrations
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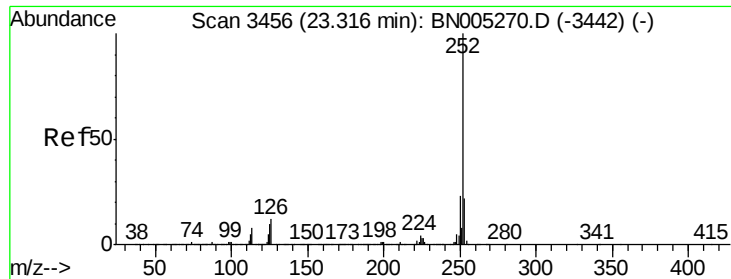
Sohil
4/25/2019 5:35:06 PM



#88
Benzo(k)fluoranthene
Concen: 4.558 ng/uL m
RT: 22.80 min Scan# 3368
Delta R.T. -0.03 min
Lab File: BN005271.D
Acq: 25 Apr 2019 03:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	9.2	7.5	11.3





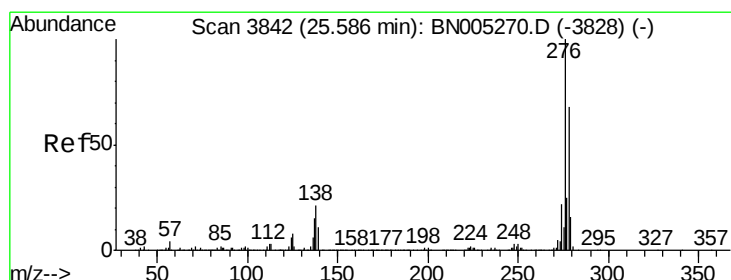
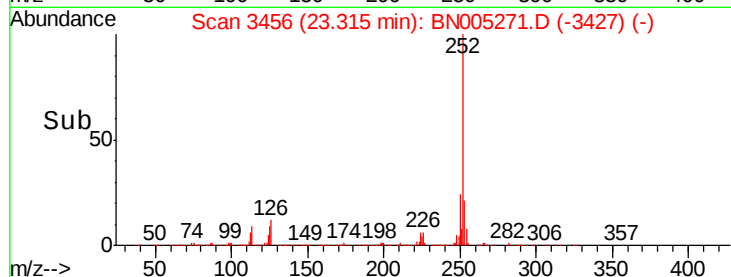
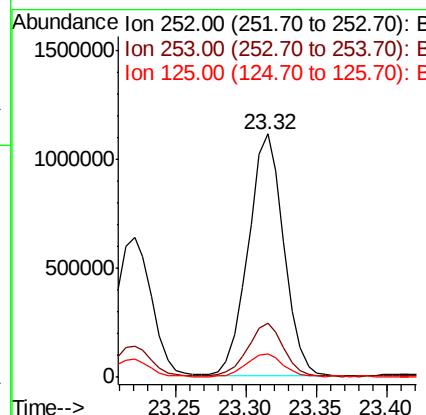
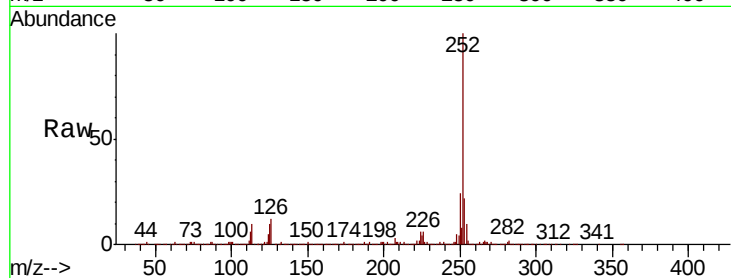
#90
Benzo(a)pyrene
Concen: 17.076 ng/u1
RT: 23.32 min Scan# 3456
Delta R.T. -0.03 min
Lab File: BN005271.D
Acq: 25 Apr 2019 03:59

Instrument :
BNA_N
ClientSampled :
GAHQ3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	9.5	8.6	13.0

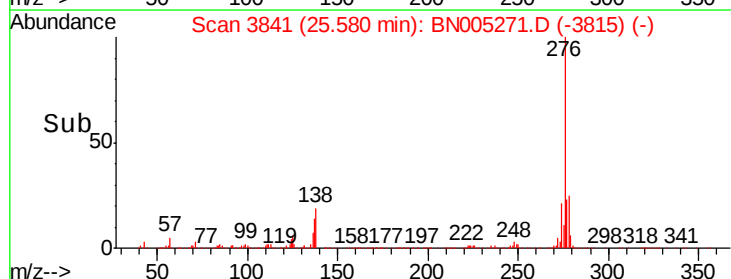
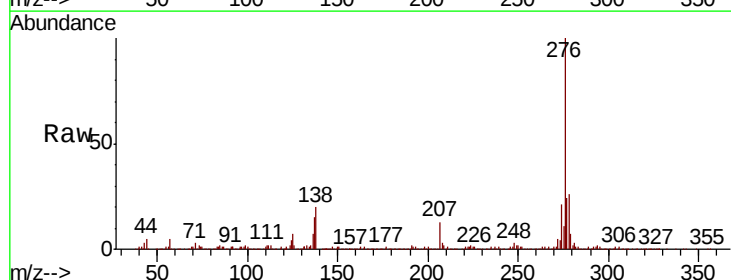
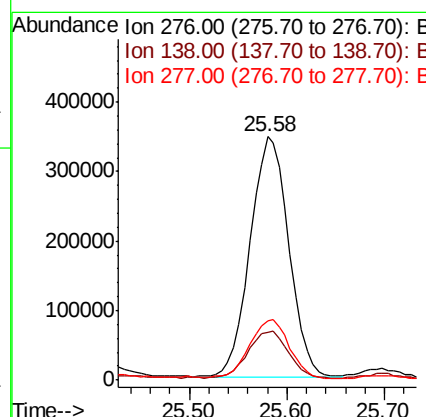
Manual Integrations
APPROVED

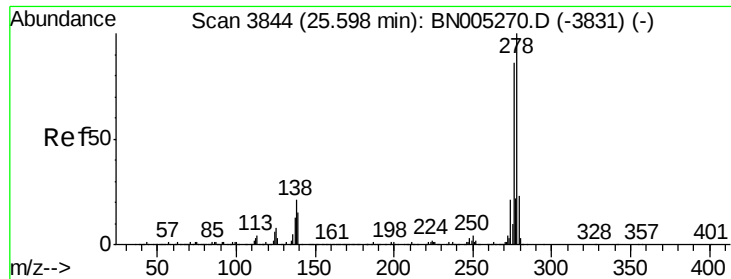
Sohil
4/25/2019 5:35:06 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 7.567 ng/u1
RT: 25.58 min Scan# 3841
Delta R.T. -0.05 min
Lab File: BN005271.D
Acq: 25 Apr 2019 03:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.6	17.9	26.9
277	24.1	19.7	29.5





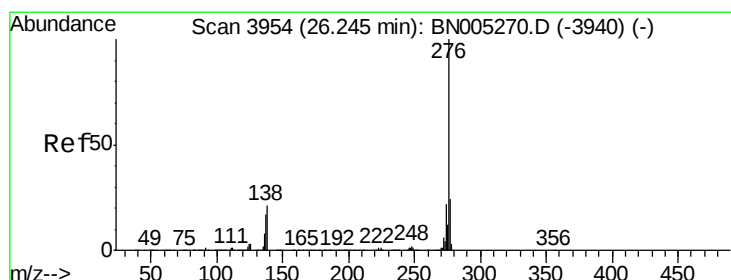
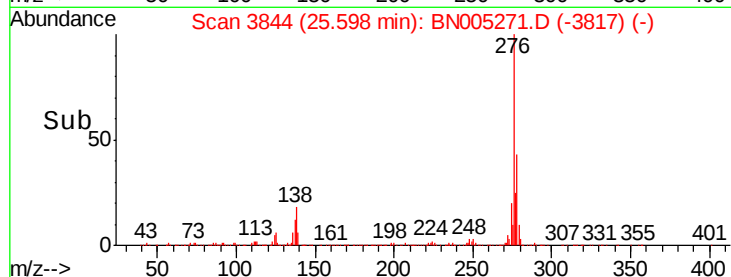
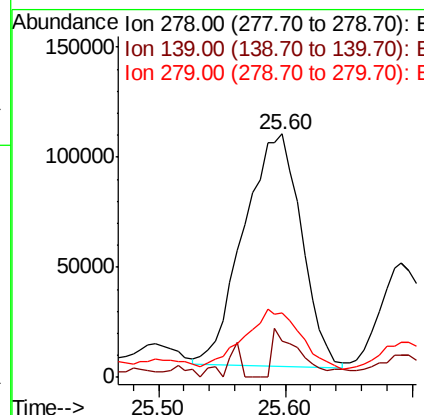
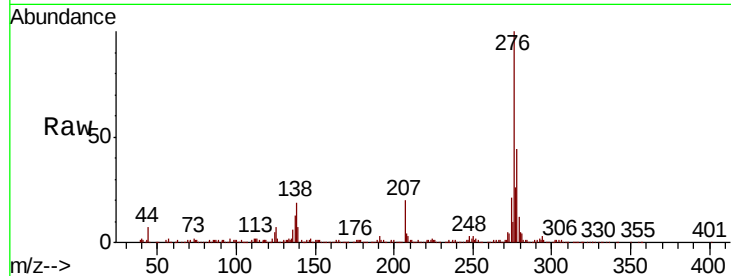
#92
Dibenzo(a,h)anthracene
Concen: 3.110 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.04 min
Lab File: BN005271.D
Acq: 25 Apr 2019 03:59

Instrument :
BNA_N
ClientSampled :
GAHQ3

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.1	19.7
279	26.7	19.4	29.0

Manual Integrations
APPROVED

Sohil
4/25/2019 5:35:06 PM



#93
Benzo(g,h,i)perylene
Concen: 6.665 ng/ul
RT: 26.24 min Scan# 3954
Delta R.T. -0.05 min
Lab File: BN005271.D
Acq: 25 Apr 2019 03:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.7	25.1
277	24.9	18.2	27.2

