

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
 Data File : BN005390.D
 Acq On : 01 May 2019 02:35
 Operator : JU/SJ
 Sample : K2497-01ME 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHX7ME

Manual Integrations
 APPROVED

Sohil
 5/1/2019 12:06:00 PM

Quant Time: May 01 07:39:50 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	377147	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1627922	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1037845	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2468127	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2364713	20.00	ng/ul	-0.02
85) Perylene-d12	23.40	264	2287219	20.00	ng/ul	-0.03

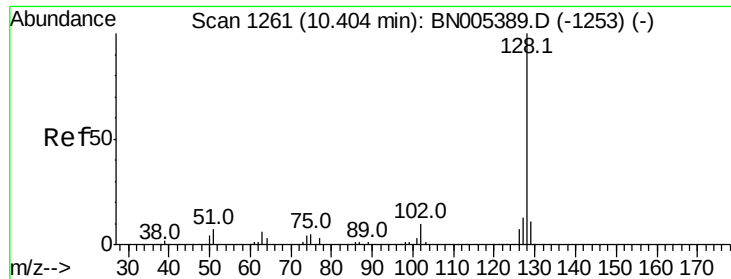
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	20128	2.58	ng/uL	0.00
5) Phenol-d5	6.78	99	451970	15.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	276839	14.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	367517	16.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	370742	16.01	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	202817	20.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	226269	22.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	401276	17.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	398351	16.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1315106	17.46	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1716308	18.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	205255	17.25	ng/ul	0.00
57) Fluorene-d10	15.23	176	1236689	19.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	164855	14.85	ng/ul	0.00
70) Anthracene-d10	17.08	188	1992853	19.26	ng/ul	0.00
78) Pyrene-d10	19.39	212	2284443	18.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1869194	18.70	ng/ul	-0.03

Target Compounds

					Ovalue
28) Naphthalene	10.40	128	175285	2.316 ng/ul	98
34) 2-Methylnaphthalene	12.02	142	153751	2.775 ng/ul	97
44) Dimethylphthalate	13.69	163	402611	5.363 ng/ul	99
47) Acenaphthylene	13.95	152	2419338	26.605 ng/ul	98
49) Acenaphthene	14.29	153	114940	1.851 ng/ul	93
58) Fluorene	15.28	166	573997	8.230 ng/ul	98
69) Phenanthrene	17.02	178	2535364	21.093 ng/ul	99
71) Anthracene	17.11	178	1562746	12.762 ng/ul	99
76) Fluoranthene	19.06	202	5042090	37.818 ng/ul	96
79) Pyrene	19.42	202	6300002	41.378 ng/ul	97
82) Benzo(a)anthracene	21.19	228	3599018m	24.465 ng/ul	
84) Chrysene	21.25	228	3117392	22.833 ng/ul	97
87) Benzo(b)fluoranthene	22.76	252	4859864	37.799 ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	994261m	8.097 ng/ul	
90) Benzo(a)pyrene	23.32	252	3872844	32.047 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.59	276	2218840	16.606 ng/ul#	95
92) Dibenzo(a,h)anthracene	25.59	278	609079m	5.371 ng/ul	
93) Benzo(g,h,i)perylene	26.25	276	1763335	15.961 ng/ul	95

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



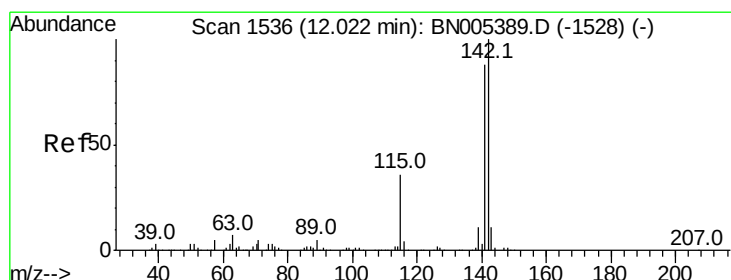
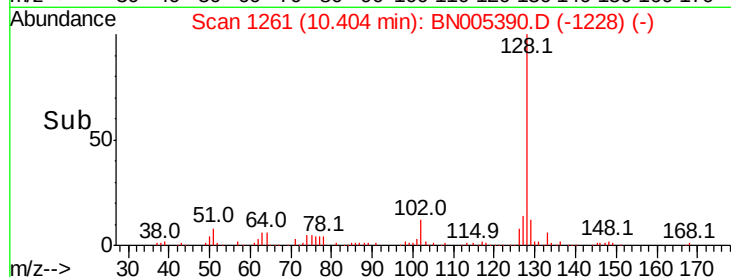
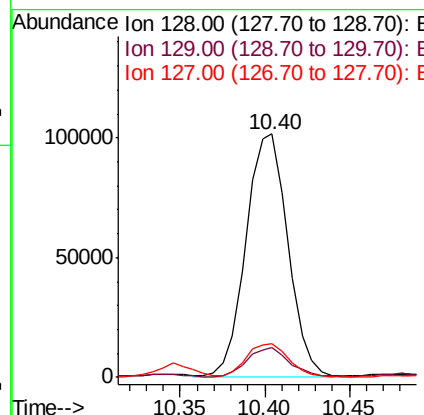
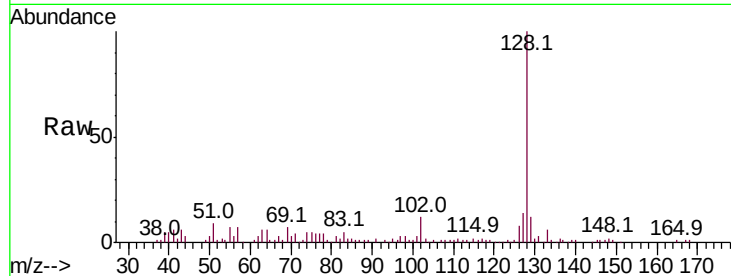
#28
Naphthalene
Concen: 2.316 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BN005390.D
Acq: 01 May 2019 02:35

Instrument :
BNA_N
ClientSampleId :
GAHX7ME

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.2	13.8
127	13.8	10.7	16.1

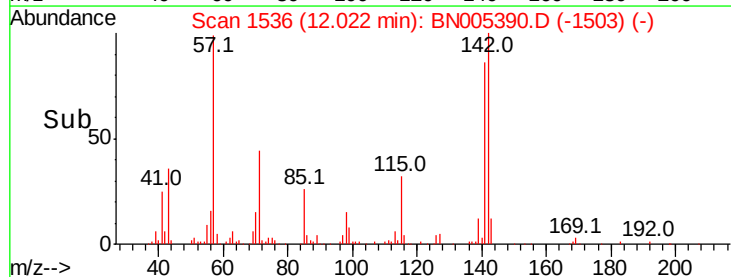
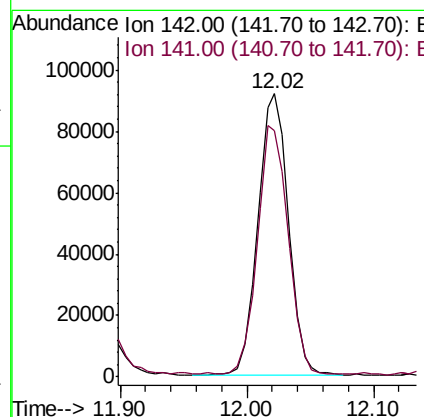
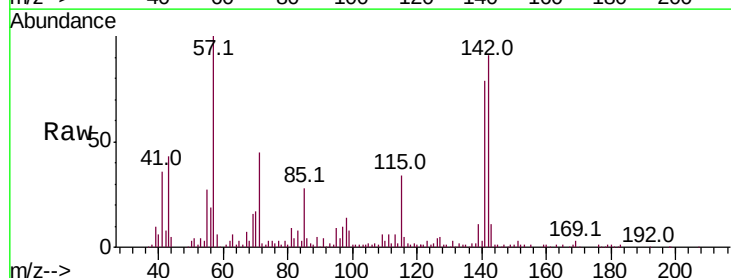
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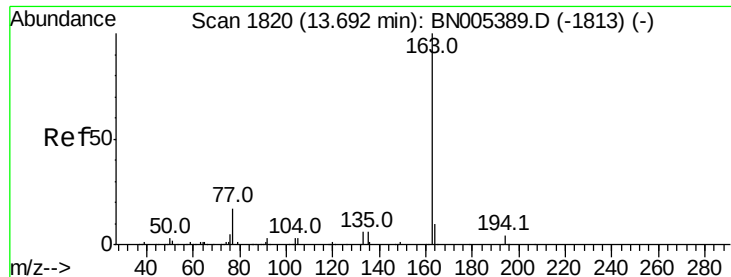
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#34
2-Methylnaphthalene
Concen: 2.775 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BN005390.D
Acq: 01 May 2019 02:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.1	72.0	108.0





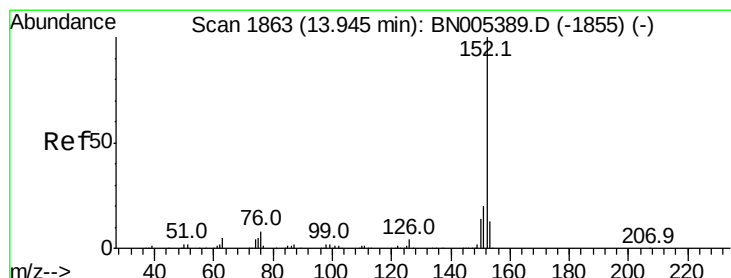
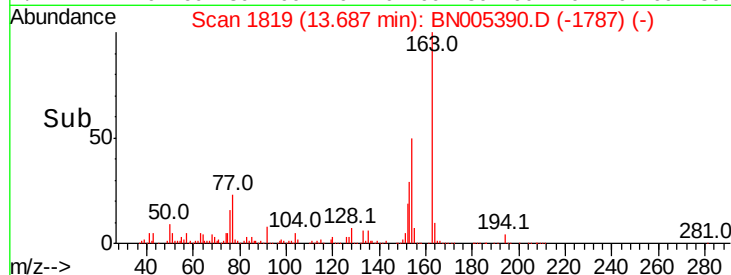
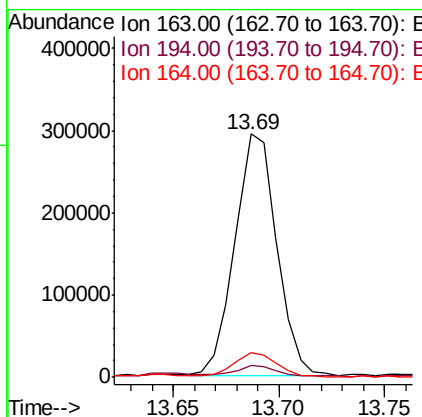
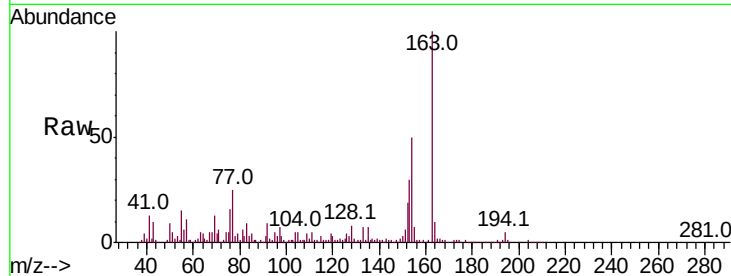
#44
Dimethylphthalate
Concen: 5.363 ng/ul
RT: 13.69 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BN005390.D
Acq: 01 May 2019 02:35

Instrument :
BNA_N
ClientSampleId :
GAHX7ME

Tot Ion:163	Resp:	402611
Ion Ratio	Lower	Upper
163 100		
194 4.9	3.4	5.0
164 10.4	8.1	12.1

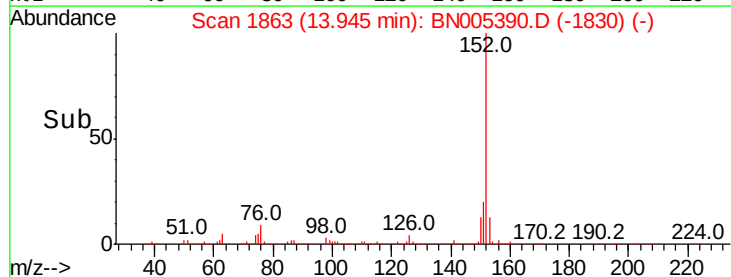
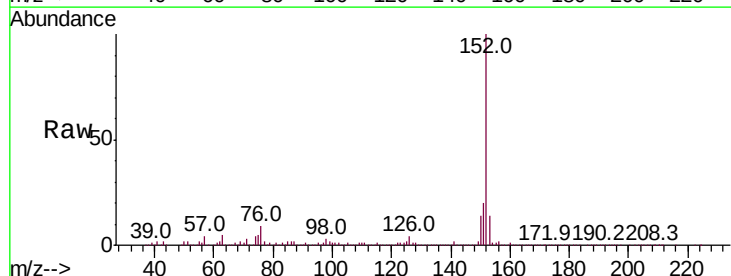
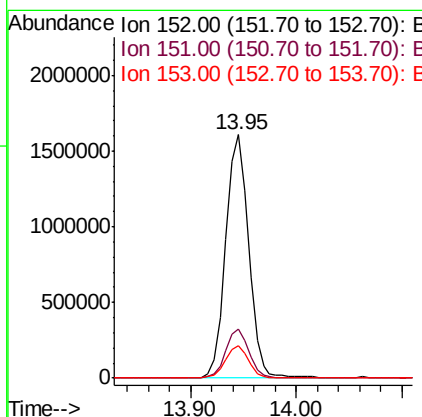
Manual Integrations
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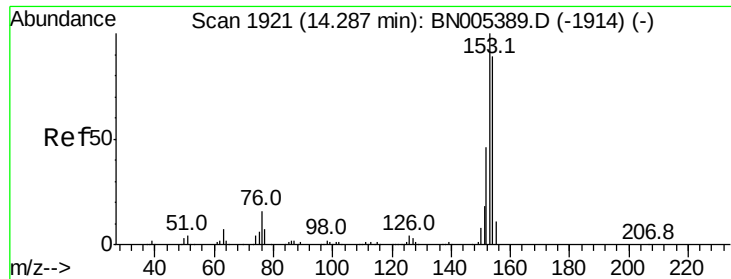
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#47
Acenaphthylene
Concen: 26.605 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BN005390.D
Acq: 01 May 2019 02:35

Tgt Ion:152	Resp:	2419338
Ion Ratio	Lower	Upper
152 100		
151 20.2	15.8	23.8
153 13.5	9.8	14.8





#49

Acenaphthene

Concen: 1.851 ng/ul

RT: 14.29 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BN005390.D

Acq: 01 May 2019 02:35

Instrument :

BNA_N

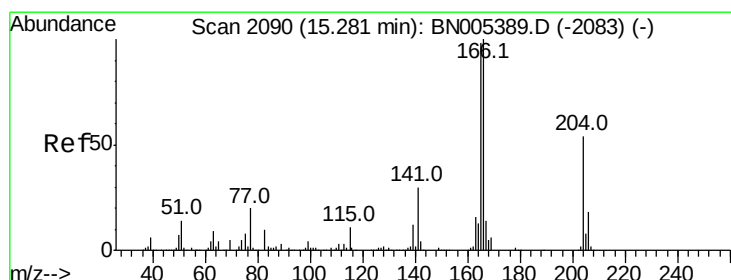
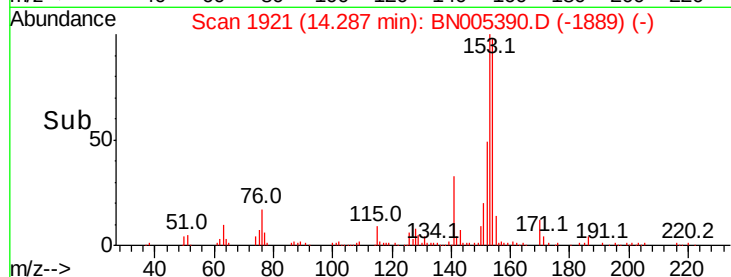
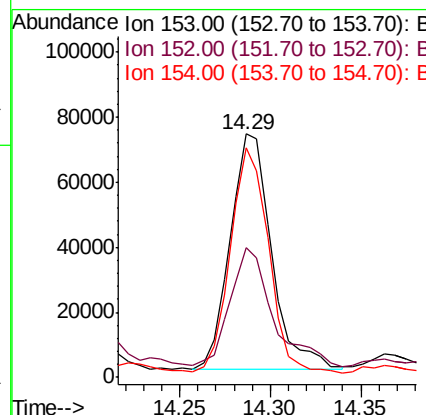
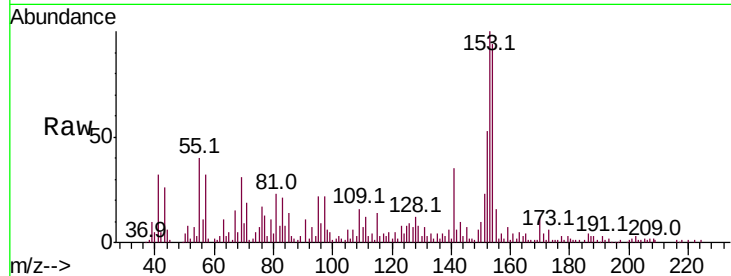
ClientSampleId :

GAHX7ME

Tot Ion:	153	Resp:	114940
Ion Ratio	Lower	Upper	
153	100		
152	53.1	37.4	56.0
154	94.0	71.2	106.8

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#58

Fluorene

Concen: 8.230 ng/ul

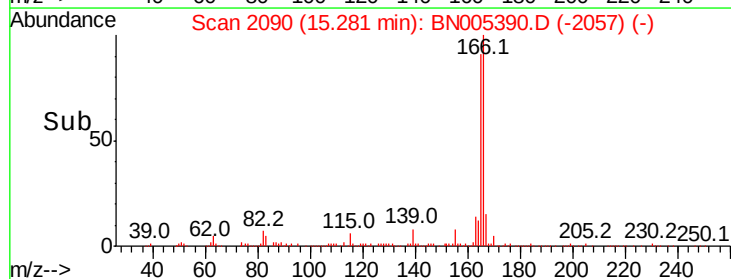
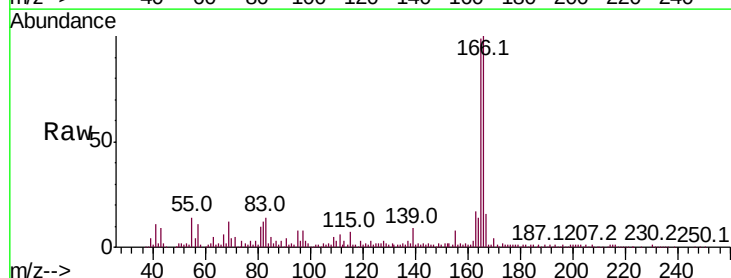
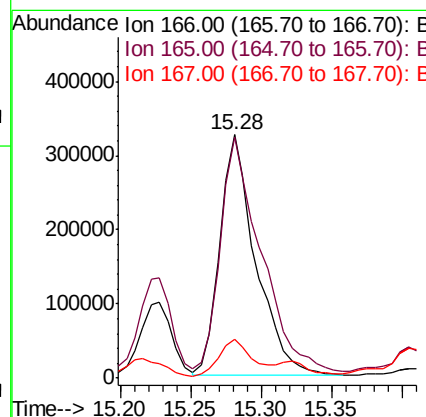
RT: 15.28 min Scan# 2090

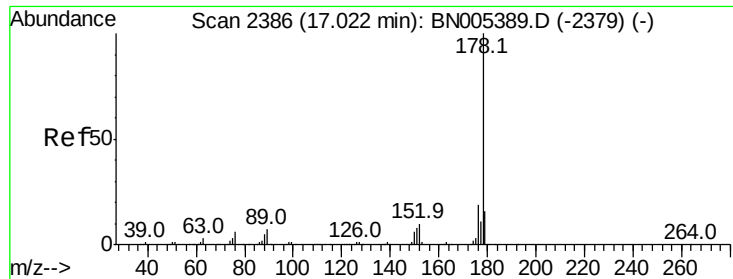
Delta R.T. -0.01 min

Lab File: BN005390.D

Acq: 01 May 2019 02:35

Tgt Ion:	166	Resp:	573997
Ion Ratio	Lower	Upper	
166	100		
165	99.0	80.0	120.0
167	16.0	10.7	16.1





#69

Phenanthrene

Concen: 21.093 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN005390.D

Acq: 01 May 2019 02:35

Instrument :

BNA_N

ClientSampleId :

GAHX7ME

Tot Ion:178 Resp: 2535364

Ion Ratio Lower Upper

178 100

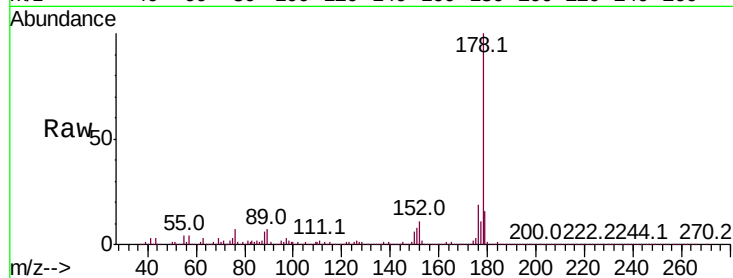
179 15.9 12.2 18.4

176 18.9 15.1 22.7

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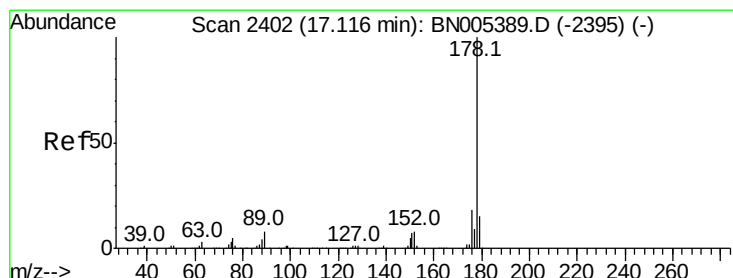
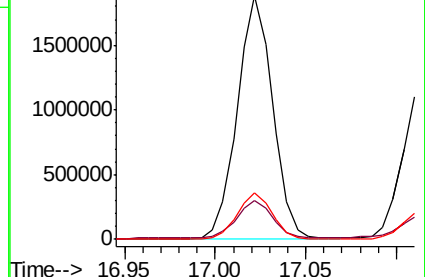
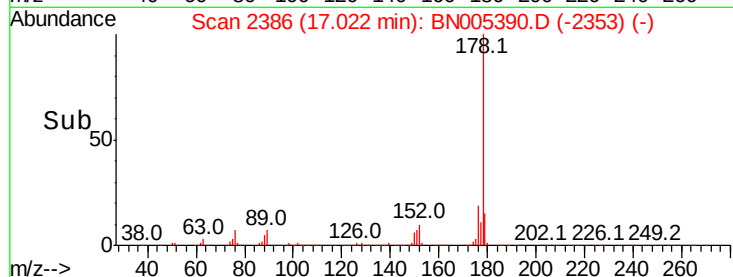
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 12.762 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BN005390.D

Acq: 01 May 2019 02:35

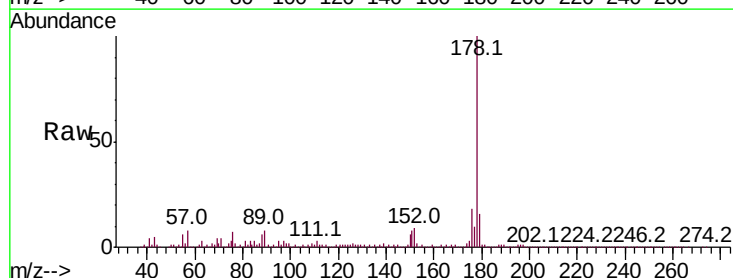
Tgt Ion:178 Resp: 1562746

Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

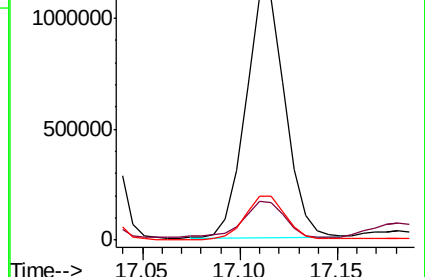
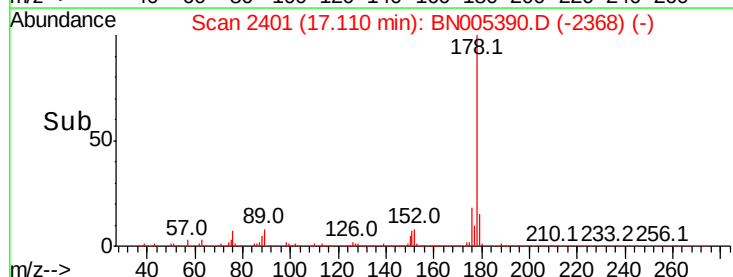
176 18.2 15.1 22.7

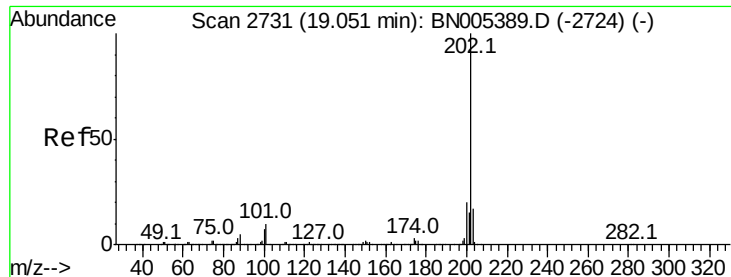


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 37.818 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BN005390.D

Acq: 01 May 2019 02:35

Instrument :

BNA_N

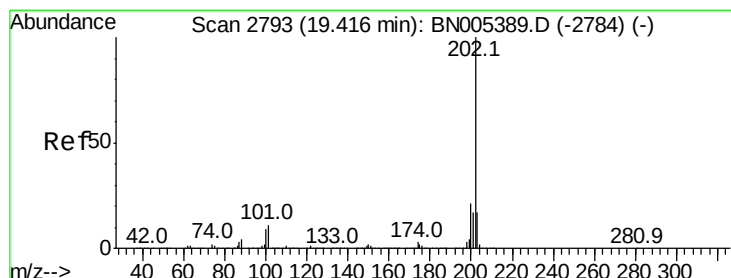
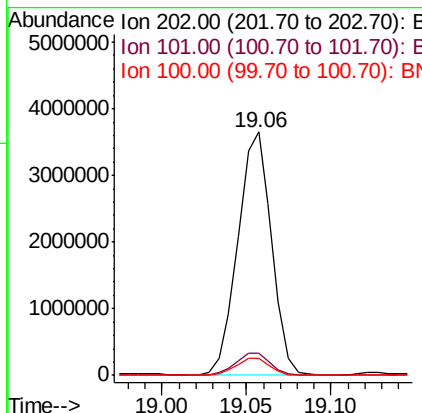
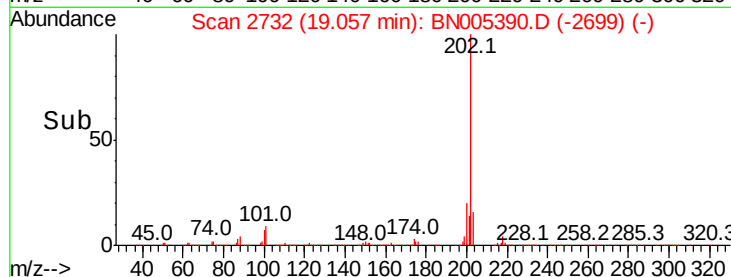
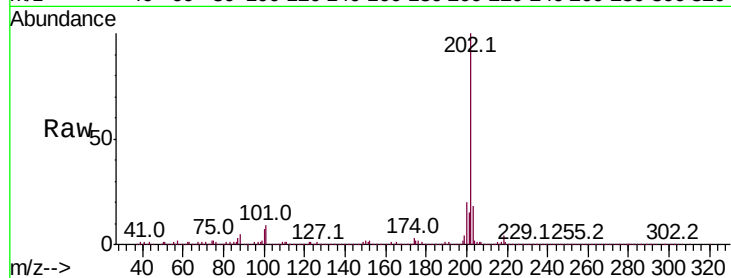
ClientSampleId :

GAHX7ME

Tot Ion:	202	Resp:	5042090
Ion	Ratio	Lower	Upper
202	100		
101	9.1	8.6	12.8
100	6.7	6.3	9.5

Manual Integrations
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#79

Pyrene

Concen: 41.378 ng/ul

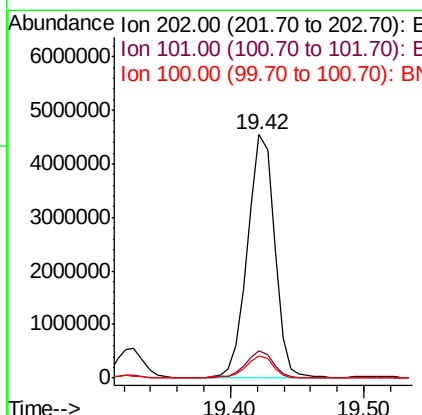
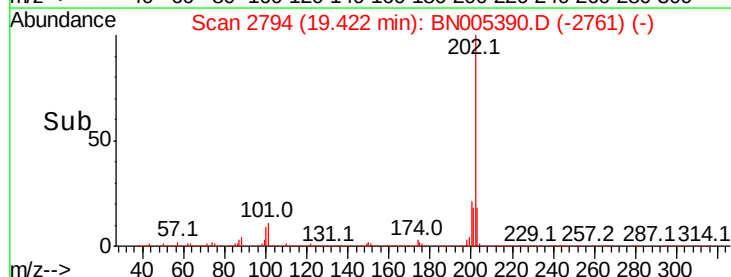
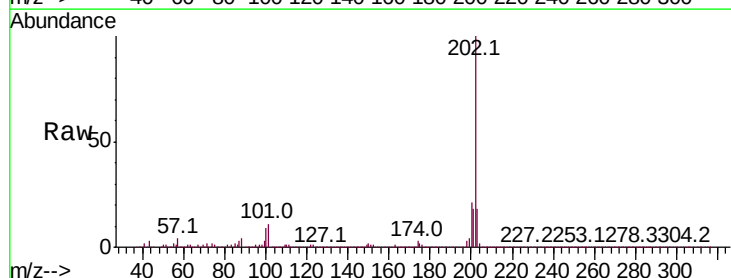
RT: 19.42 min Scan# 2794

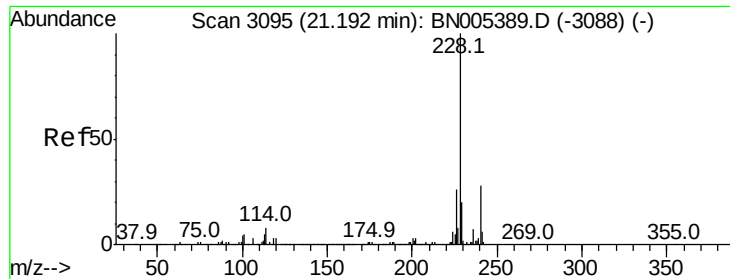
Delta R.T. -0.01 min

Lab File: BN005390.D

Acq: 01 May 2019 02:35

Tgt Ion:	202	Resp:	6300002
Ion	Ratio	Lower	Upper
202	100		
101	11.1	10.3	15.5
100	9.2	7.9	11.9





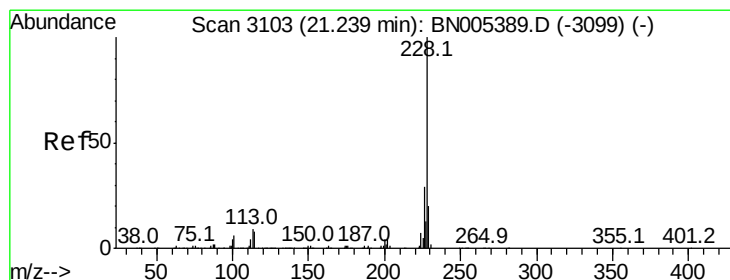
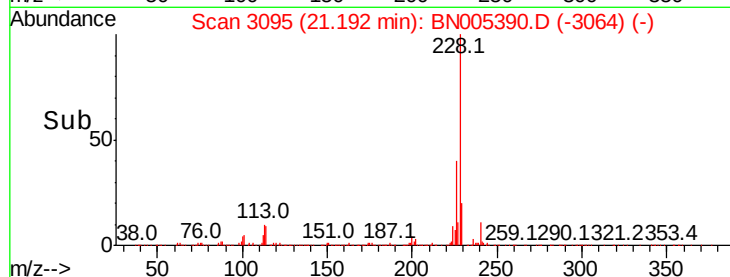
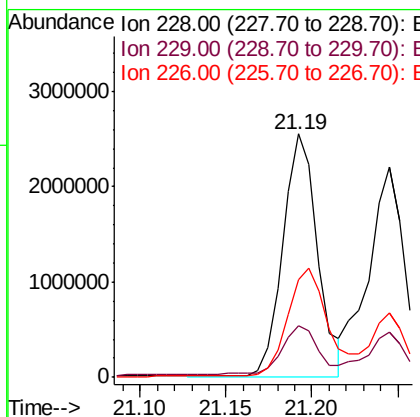
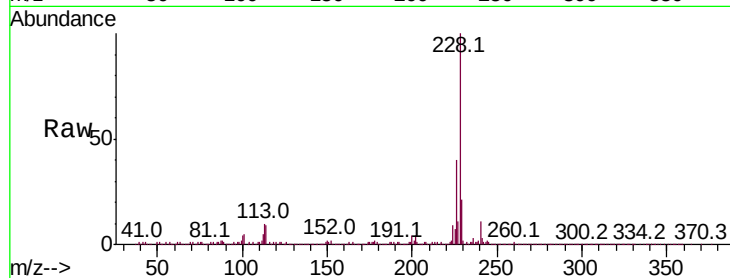
#82
Benzo(a)anthracene
Concen: 24.465 ng/ul m
RT: 21.19 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BN005390.D
Acq: 01 May 2019 02:35

Instrument :
BNA_N
ClientSampleId :
GAHX7ME

Tot Ion:228 Resp: 3599018
Ion Ratio Lower Upper
228 100
229 21.4 15.8 23.6
226 40.4 21.4 32.2#

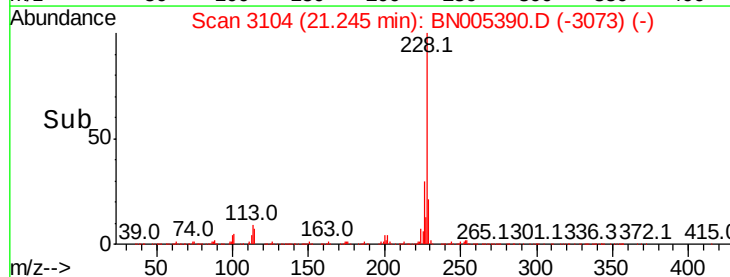
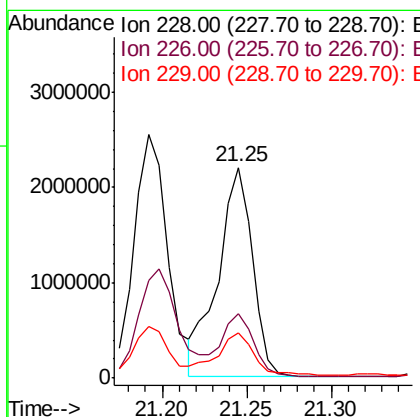
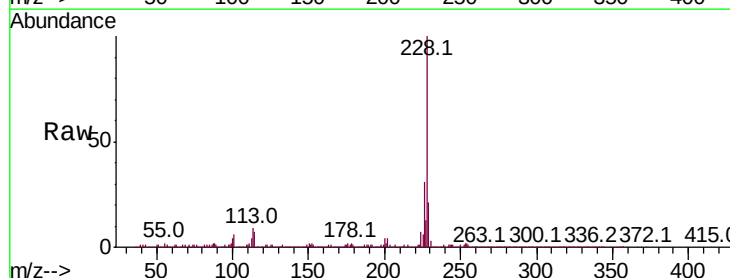
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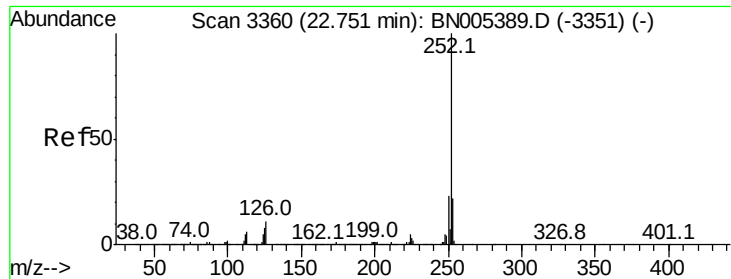
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#84
Chrysene
Concen: 22.833 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BN005390.D
Acq: 01 May 2019 02:35

Tgt Ion:228 Resp: 3117392
Ion Ratio Lower Upper
228 100
226 30.6 24.0 36.0
229 21.4 15.4 23.0





#87

Benzo(b)fluoranthene

Concen: 37.799 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. -0.02 min

Lab File: BN005390.D

Acq: 01 May 2019 02:35

Instrument :

BNA_N

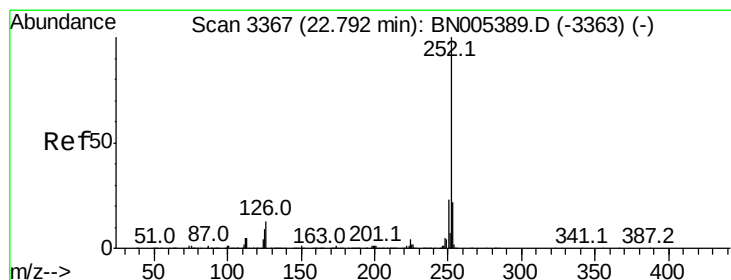
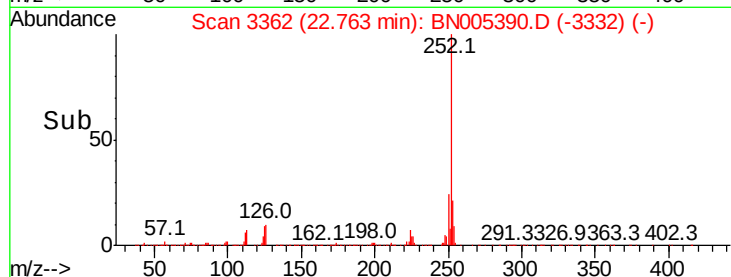
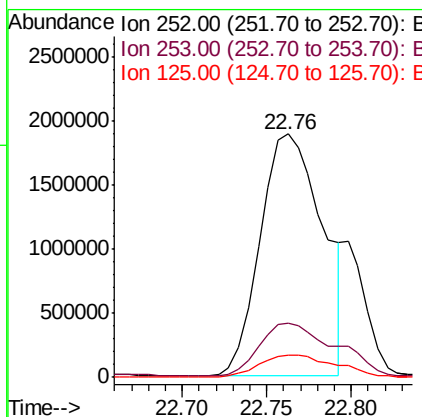
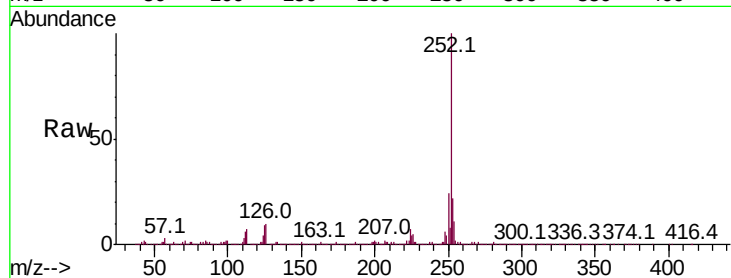
ClientSampleId :

GAHX7ME

Tot Ion:	252	Resp:	4859864
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.3	8.4	12.6

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#88

Benzo(k)fluoranthene

Concen: 8.097 ng/ul m

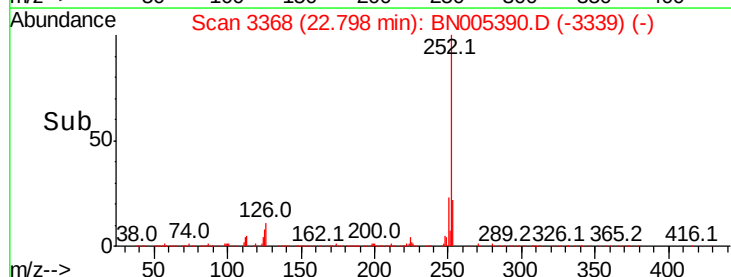
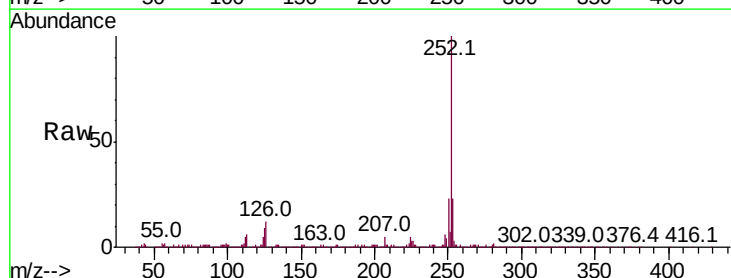
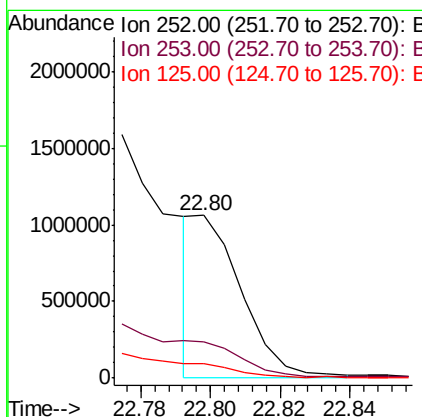
RT: 22.80 min Scan# 3368

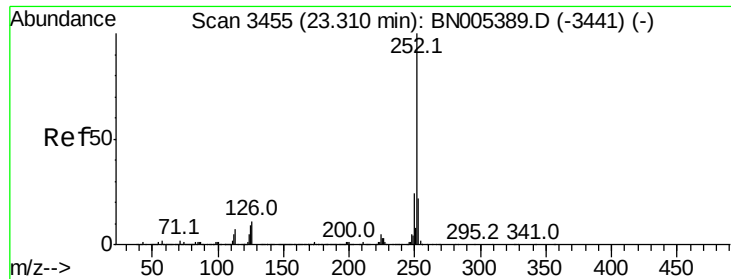
Delta R.T. -0.03 min

Lab File: BN005390.D

Acq: 01 May 2019 02:35

Tgt Ion:	252	Resp:	994261
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	8.8	7.5	11.3





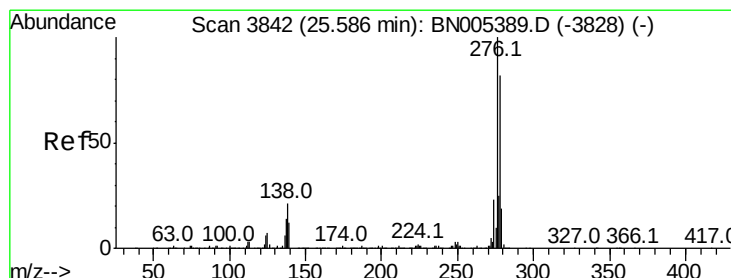
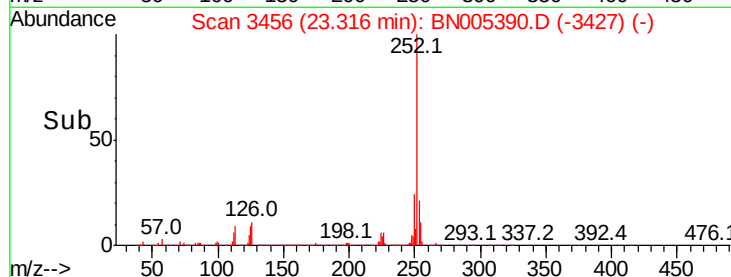
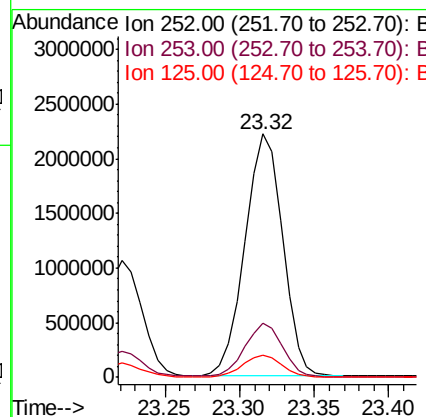
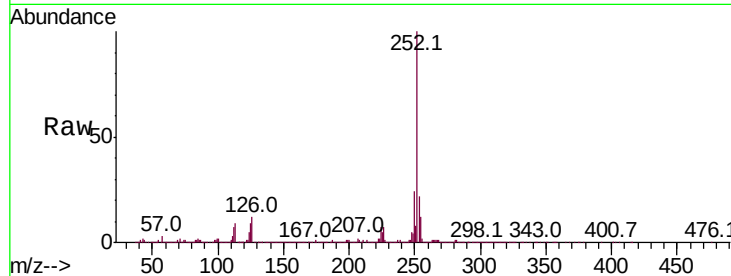
#90
Benzo(a)pyrene
Concen: 32.047 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.03 min
Lab File: BN005390.D
Acq: 01 May 2019 02:35

Instrument :
BNA_N
ClientSampled :
GAHX7ME

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	9.2	8.6	13.0

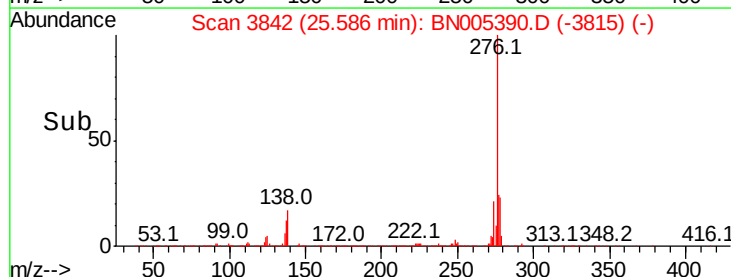
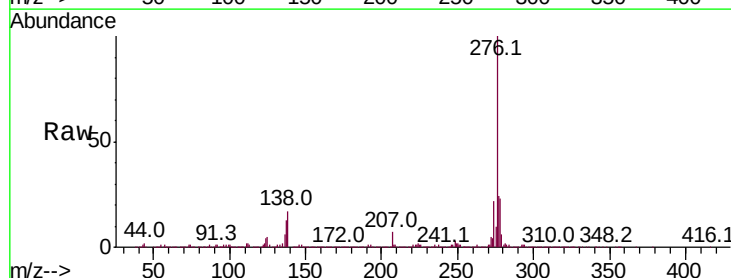
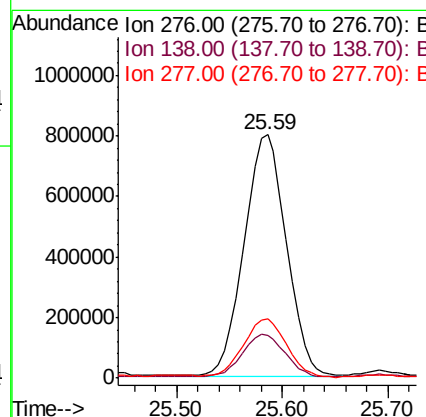
Manual Integrations
APPROVED

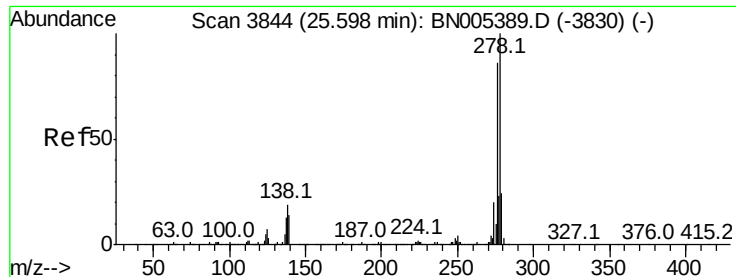
Sohil
5/1/2019 12:06:00 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 16.606 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. -0.04 min
Lab File: BN005390.D
Acq: 01 May 2019 02:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.3	17.9	26.9#
277	24.4	19.7	29.5





#92

Dibenzo(a,h)anthracene

Concen: 5.371 ng/ul m

RT: 25.59 min Scan# 3843

Delta R.T. -0.05 min

Lab File: BN005390.D

Acq: 01 May 2019 02:35

Instrument :

BNA_N

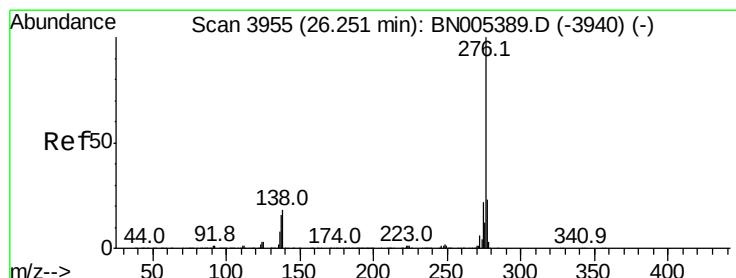
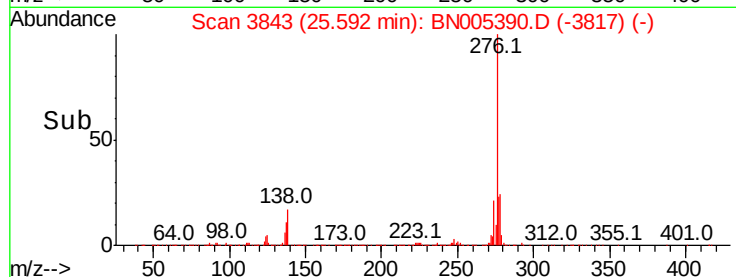
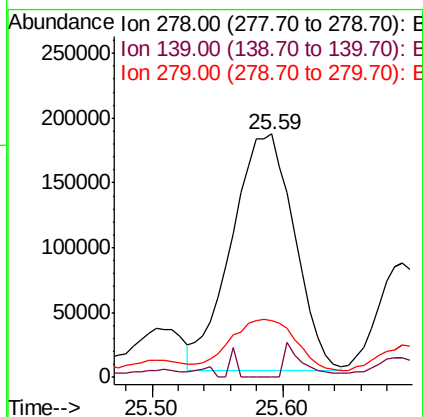
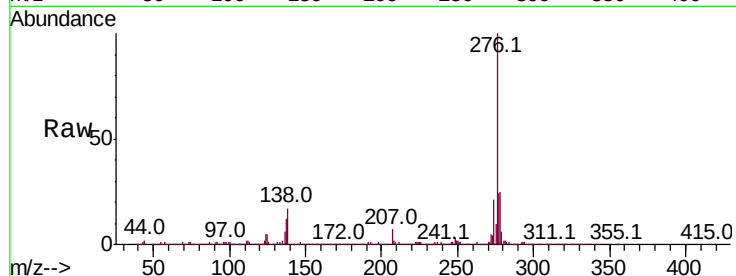
ClientSampleId :

GAHX7ME

Tot Ion:278	Resp: 609079
Ion Ratio	Lower Upper
278 100	
139 0.0	13.1 19.7#
279 23.2	19.4 29.0

Manual Integrations
APPROVED

Sohil
5/1/2019 12:06:00 PM



#93

Benzo(g,h,i)perylene

Concen: 15.961 ng/ul

RT: 26.25 min Scan# 3955

Delta R.T. -0.04 min

Lab File: BN005390.D

Acq: 01 May 2019 02:35

Tgt Ion:276	Resp: 1763335
Ion Ratio	Lower Upper
276 100	
138 18.0	16.7 25.1
277 24.2	18.2 27.2

