

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005311.D
 Acq On : 26 Apr 2019 09:21
 Operator : JU/SJ
 Sample : K2456-16DL 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 GAHN6DL

Manual Integrations
 APPROVED

Sohil
 4/26/2019 6:22:12 PM

Quant Time: Apr 26 11:55:42 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	503286	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2146391	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1268536	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2881020	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2666464	20.00	ng/ul	-0.02
85) Perylene-d12	23.42	264	2568356	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	3056	0.29	ng/uL	0.00
5) Phenol-d5	6.78	99	61882	1.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	40823	1.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	51508	1.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	51503	1.67	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	27415	2.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	28249	2.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	47777	1.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	43123	1.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	183270	1.99	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	221906	1.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	16300	1.12	ng/ul	0.00
57) Fluorene-d10	15.23	176	161833	2.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	13314	1.03	ng/ul	0.00
70) Anthracene-d10	17.07	188	245631	2.03	ng/ul	-0.01
78) Pyrene-d10	19.39	212	267528	1.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	219482	1.96	ng/ul	-0.03

Target Compounds

					Qvalue
34) 2-Methylnaphthalene	12.02	142	276621	3.786 ng/ul	97
47) Acenaphthylene	13.95	152	1089050	9.798 ng/ul	98
49) Acenaphthene	14.29	153	111233	1.466 ng/ul	97
58) Fluorene	15.28	166	476319	5.587 ng/ul	100
69) Phenanthrene	17.02	178	2187775	15.592 ng/ul	100
71) Anthracene	17.12	178	431798	3.021 ng/ul	99
76) Fluoranthene	19.06	202	2830368	18.186 ng/ul	98
79) Pyrene	19.43	202	5049474	29.411 ng/ul	96
82) Benzo(a)anthracene	21.20	228	1450144m	8.742 ng/ul	
84) Chrysene	21.25	228	1463049	9.503 ng/ul	98
87) Benzo(b)fluoranthene	22.76	252	934297	6.471 ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	284898m	2.066 ng/ul	
90) Benzo(a)pyrene	23.32	252	588803	4.339 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.59	276	324572	2.163 ng/ul	97
93) Benzo(g,h,i)perylene	26.25	276	252268	2.033 ng/ul	96

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

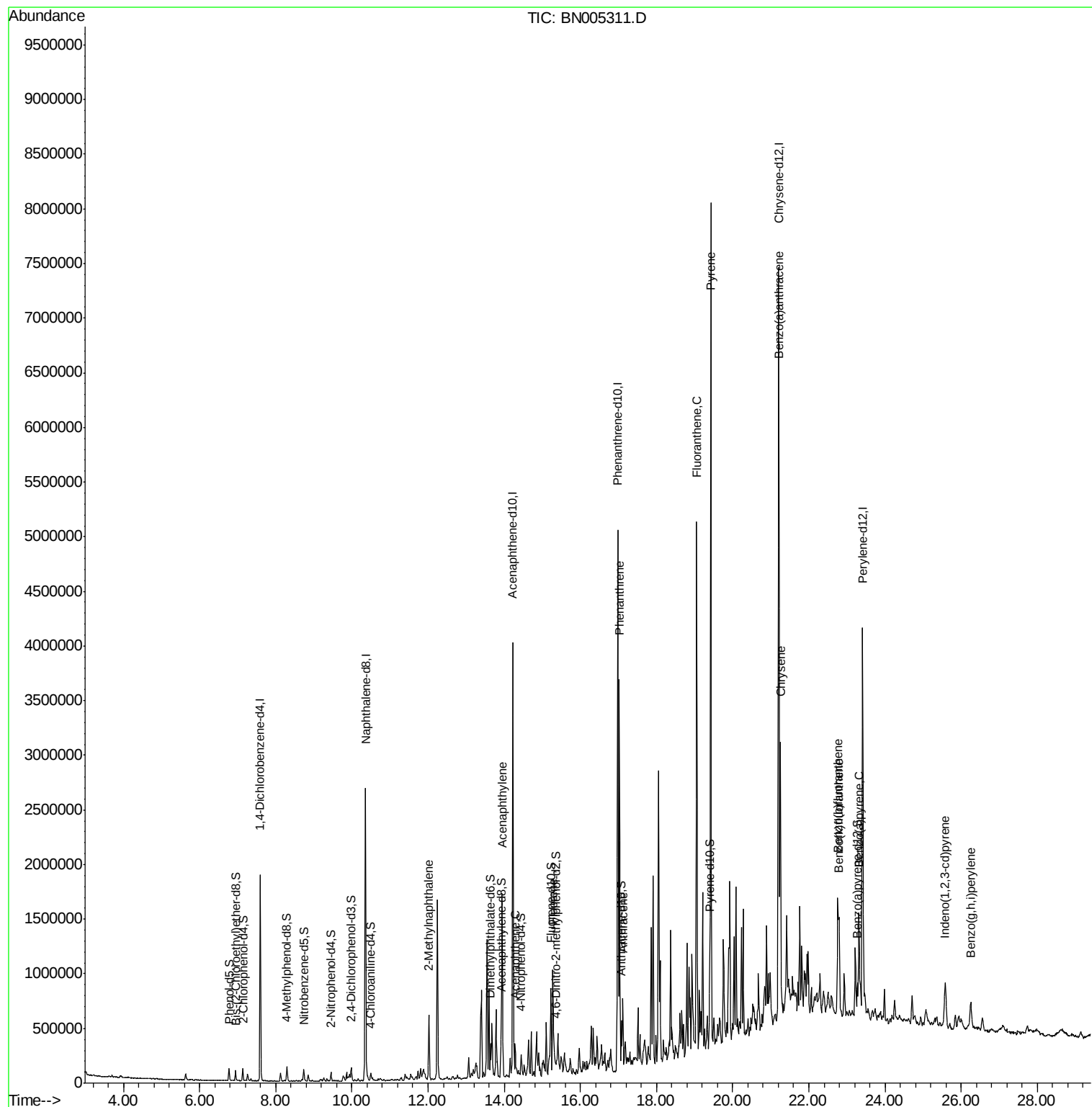
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005311.D
Acq On : 26 Apr 2019 09:21
Operator : JU/SJ
Sample : K2456-16DL 10X
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ALS Vial : 27 Sample Multiplier: 1

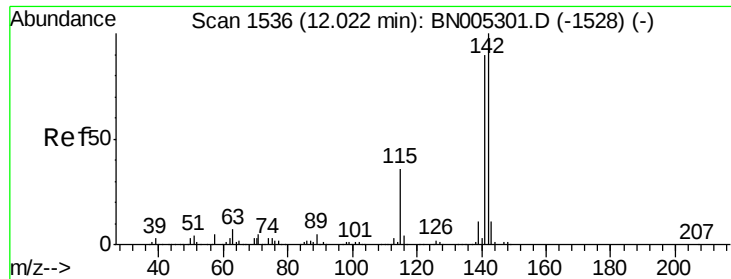
Instrument :
BNA_N
ClientSampleId :
GAHN6DL

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Quant Time: Apr 26 11:55:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
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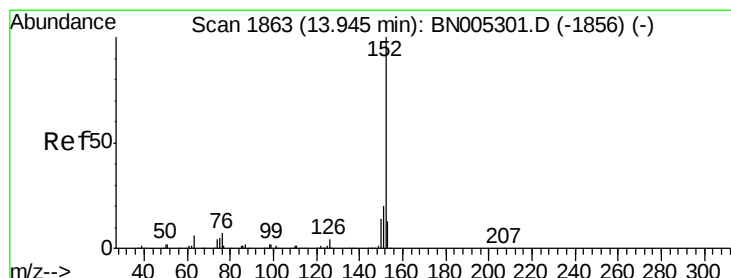
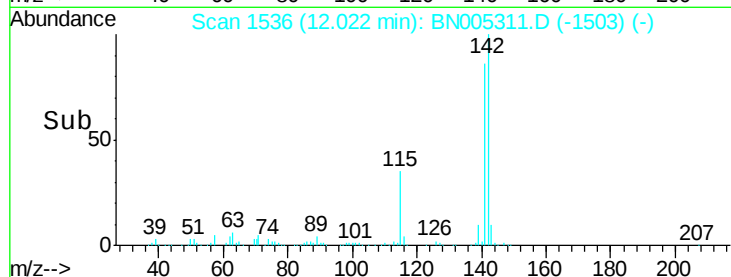
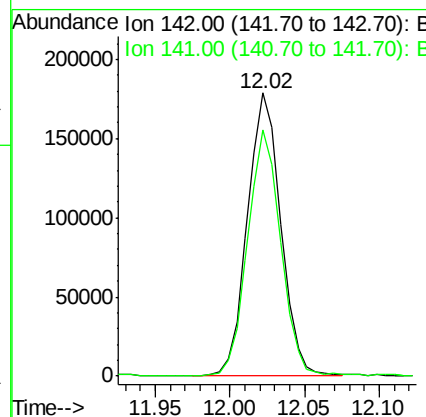
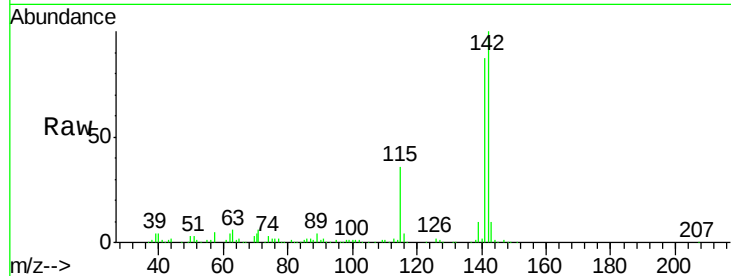
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 2-Methylnaphthalene
 Concen: 3.786 ng/ul
 RT: 12.02 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BN005311.D
 Acq: 26 Apr 2019 09:21

Instrument :
 BNA_N
 ClientSampleId :
 GAHN6DL

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.0	72.0	108.0

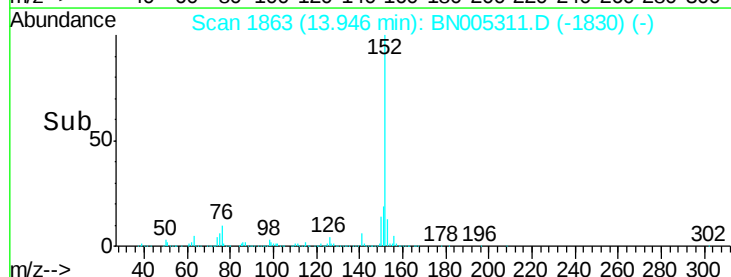
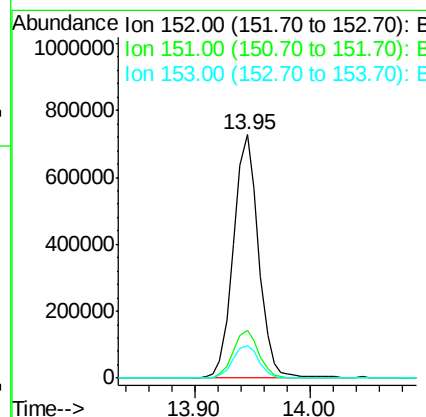
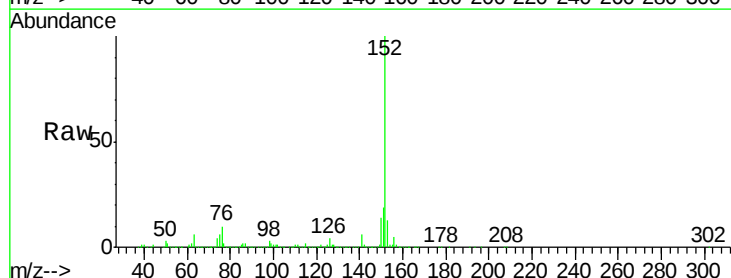
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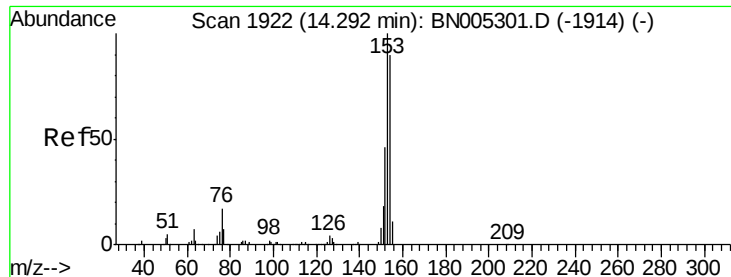
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#47
 Acenaphthylene
 Concen: 9.798 ng/ul
 RT: 13.95 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BN005311.D
 Acq: 26 Apr 2019 09:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.8
153	13.5	9.8	14.8





#49

Acenaphthene

Concen: 1.466 ng/ul

RT: 14.29 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BN005311.D

Acq: 26 Apr 2019 09:21

Instrument :

BNA_N

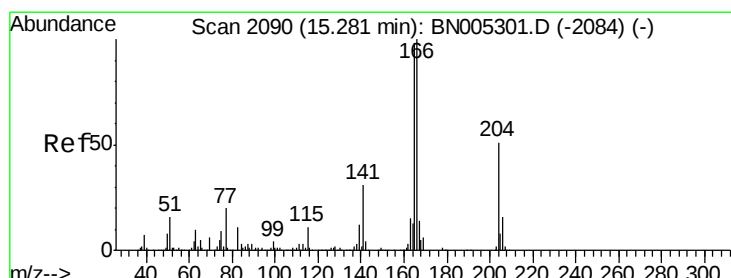
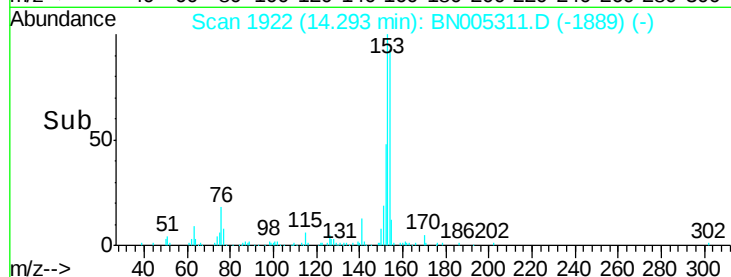
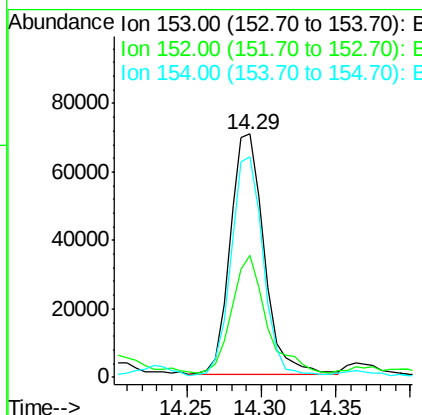
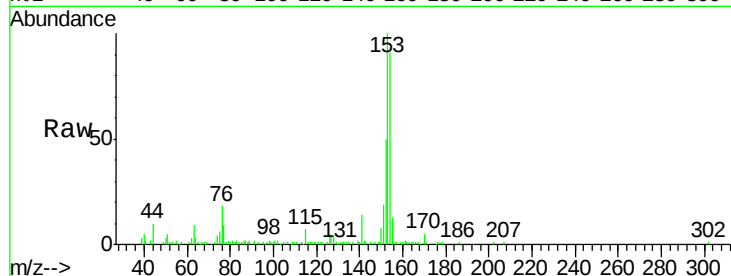
ClientSampleId :

GAHN6DL

Tgt Ion:	153	Resp:	111233
Ion Ratio	Lower	Upper	
153	100		
152	50.2	37.4	56.0
154	90.6	71.2	106.8

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#58

Fluorene

Concen: 5.587 ng/ul

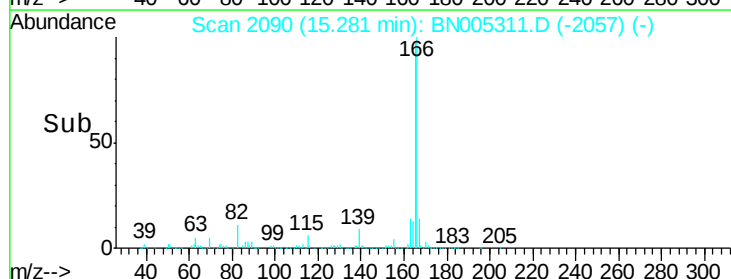
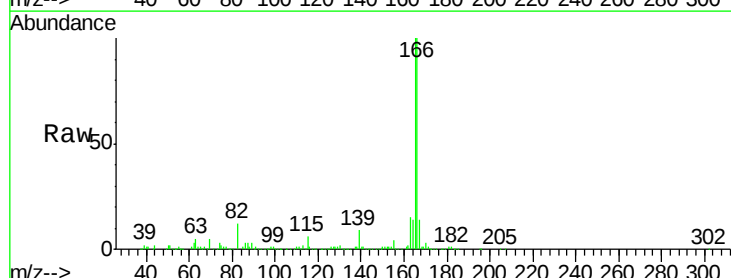
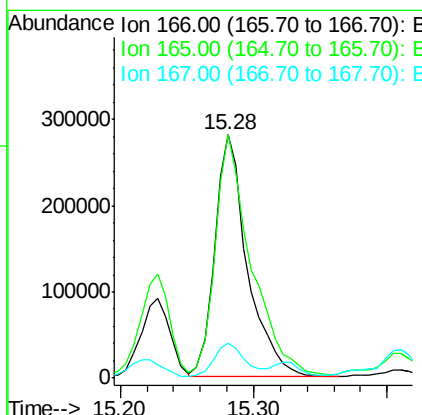
RT: 15.28 min Scan# 2090

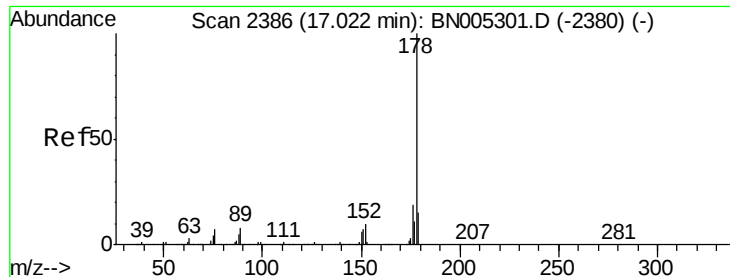
Delta R.T. -0.01 min

Lab File: BN005311.D

Acq: 26 Apr 2019 09:21

Tgt Ion:	166	Resp:	476319
Ion Ratio	Lower	Upper	
166	100		
165	100.0	80.0	120.0
167	14.4	10.7	16.1





#69

Phenanthrene

Concen: 15.592 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN005311.D

Acq: 26 Apr 2019 09:21

Instrument :

BNA_N

ClientSampleId :

GAHN6DL

Tgt Ion:178 Resp: 2187775

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

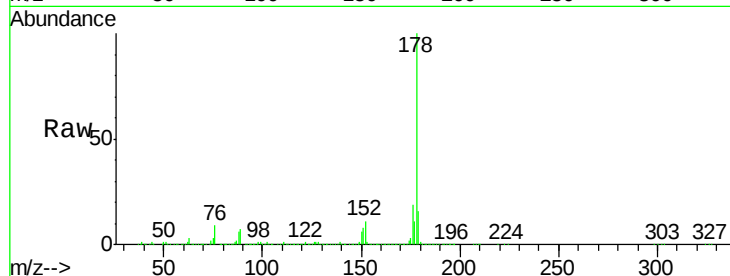
176 19.0 15.1 22.7

Manual Integrations

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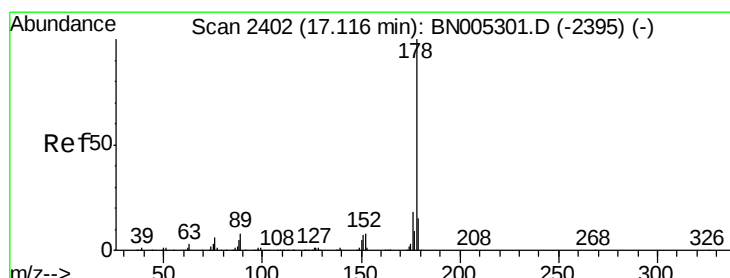
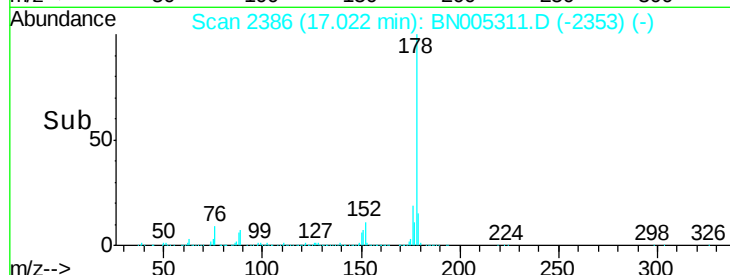
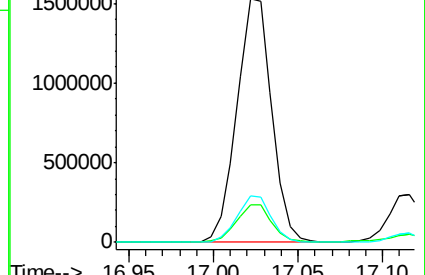
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 3.021 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BN005311.D

Acq: 26 Apr 2019 09:21

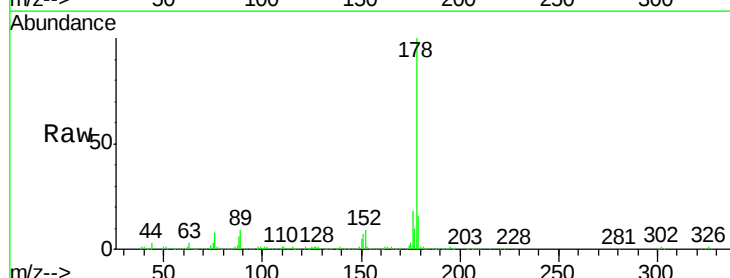
Tgt Ion:178 Resp: 431798

Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

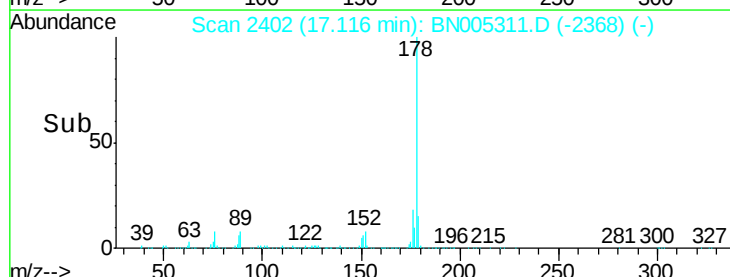
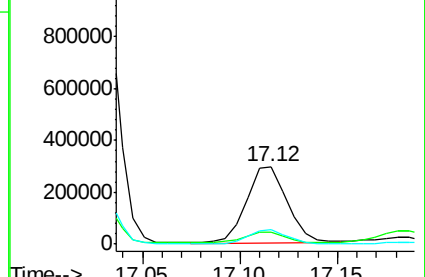
176 18.4 15.1 22.7

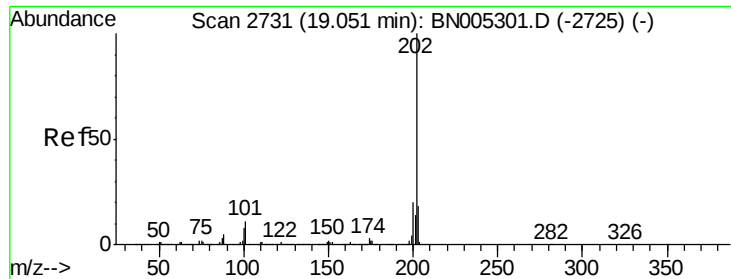


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





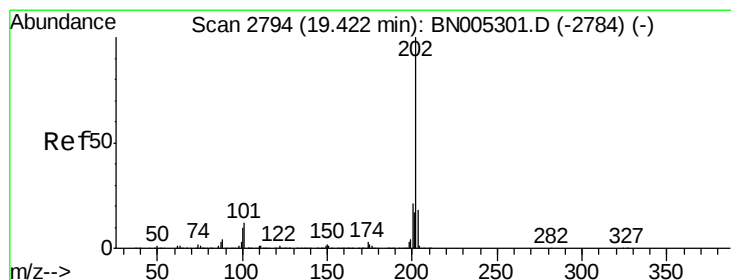
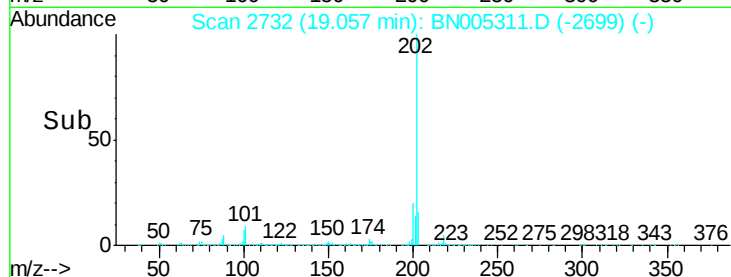
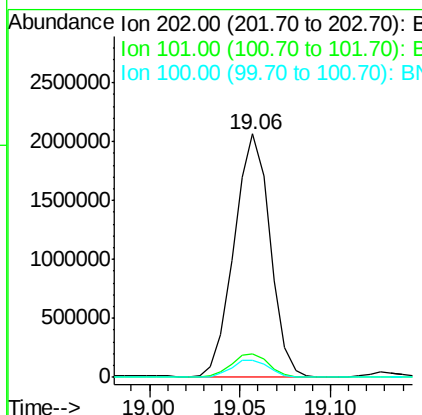
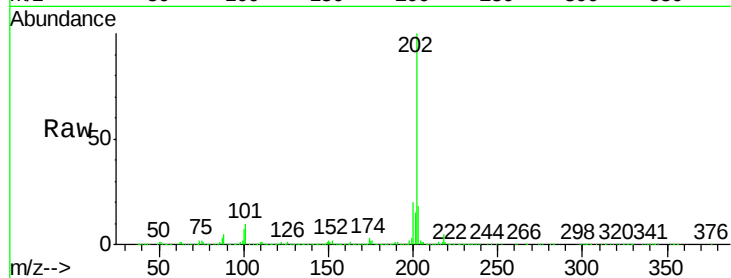
#76
 Fluoranthene
 Concen: 18.186 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. -0.01 min
 Lab File: BN005311.D
 Acq: 26 Apr 2019 09:21

Instrument :
 BNA_N
 ClientSampled :
 GAHN6DL

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.6	12.8
100	7.2	6.3	9.5

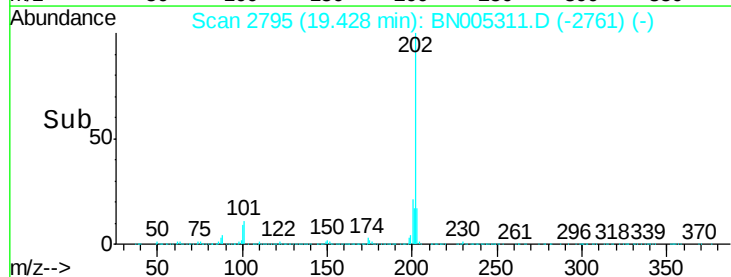
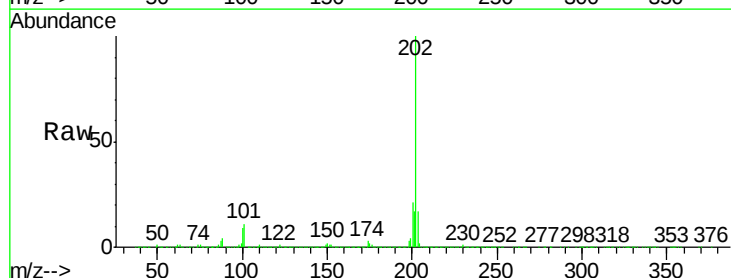
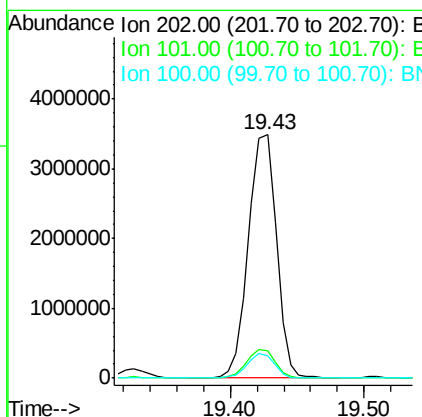
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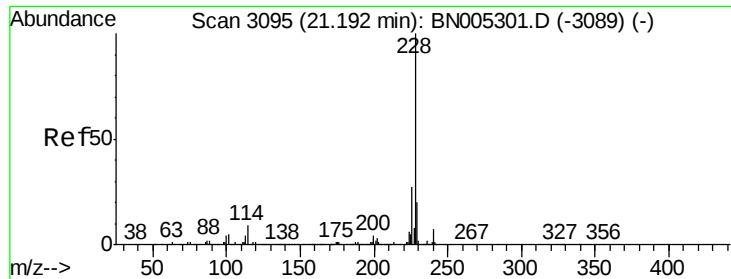
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#79
 Pyrene
 Concen: 29.411 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BN005311.D
 Acq: 26 Apr 2019 09:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	10.3	15.5
100	9.1	7.9	11.9





#82

Benzo(a)anthracene

Concen: 8.742 ng/ul m

RT: 21.20 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BN005311.D

Acq: 26 Apr 2019 09:21

Instrument :

BNA_N

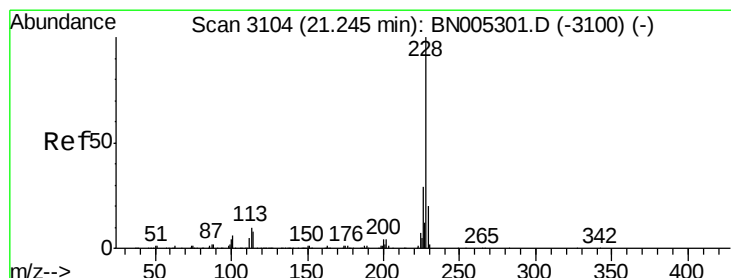
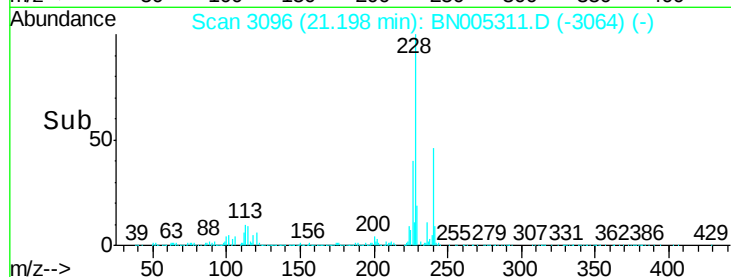
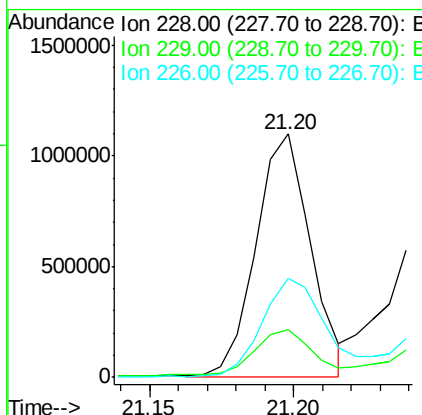
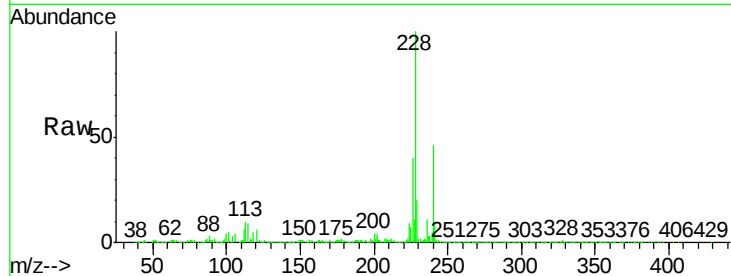
ClientSampled :

GAHN6DL

Tgt Ion:	228	Resp:	1450144
Ion Ratio	Lower	Upper	
228	100		
229	19.5	15.8	23.6
226	40.5	21.4	32.2#

Manual Integrations
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#84

Chrysene

Concen: 9.503 ng/ul

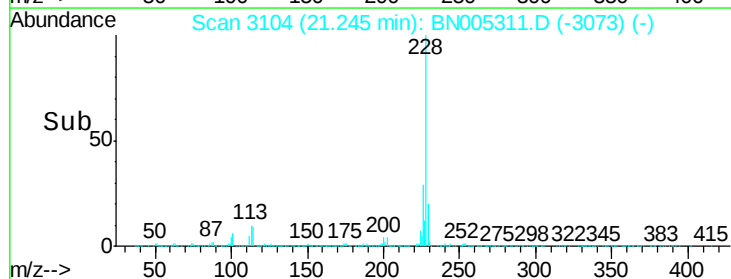
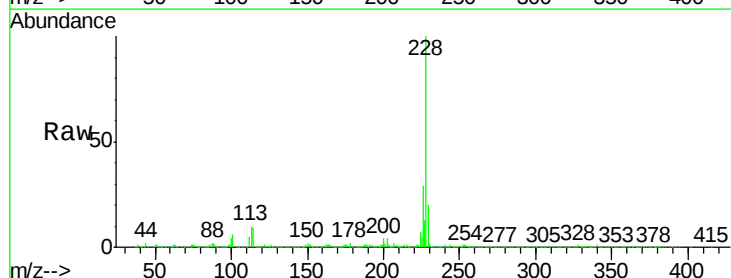
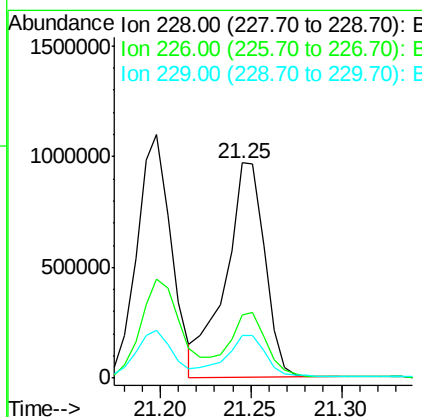
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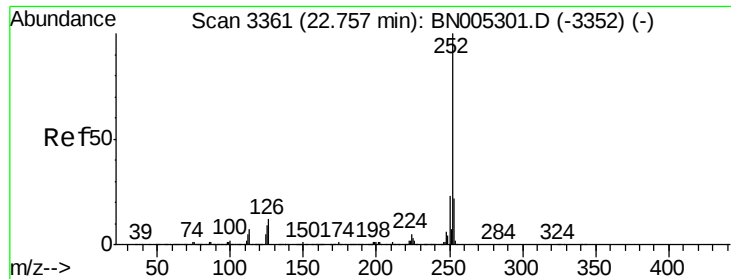
Delta R.T. -0.02 min

Lab File: BN005311.D

Acq: 26 Apr 2019 09:21

Tgt Ion:	228	Resp:	1463049
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.0	36.0
229	20.1	15.4	23.0





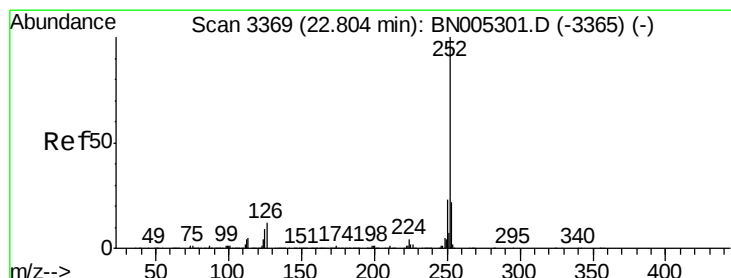
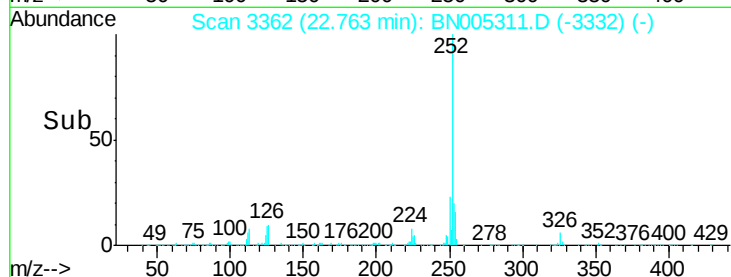
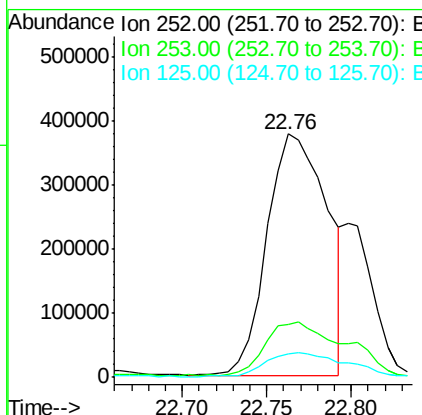
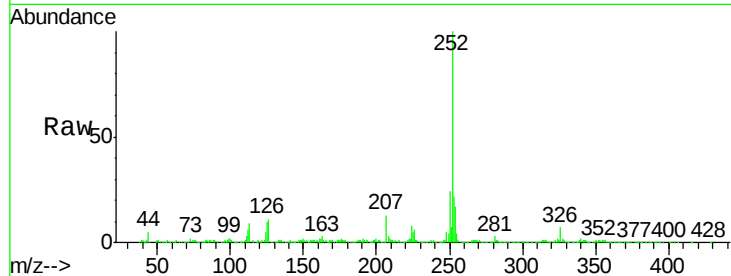
#87
Benzo(b)fluoranthene
Concen: 6.471 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.02 min
Lab File: BN005311.D
Acq: 26 Apr 2019 09:21

Instrument :
BNA_N
ClientSampleID :
GAHN6DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	9.5	8.4	12.6

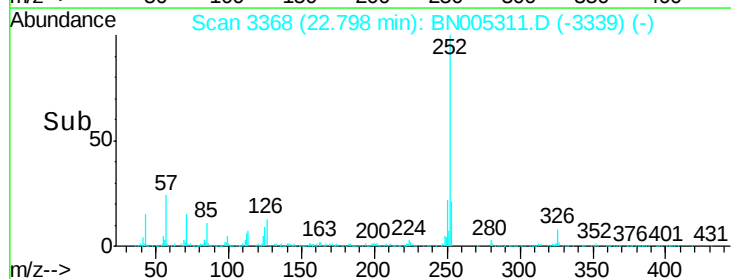
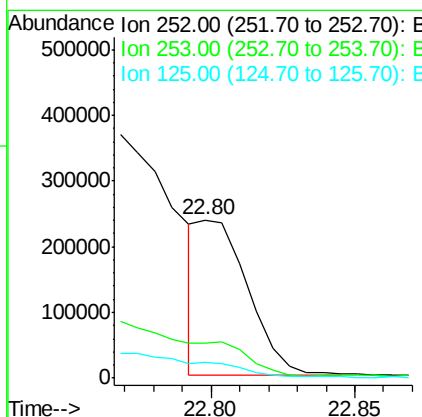
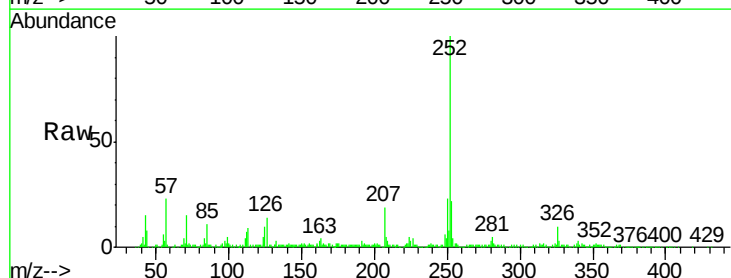
Manual Integrations
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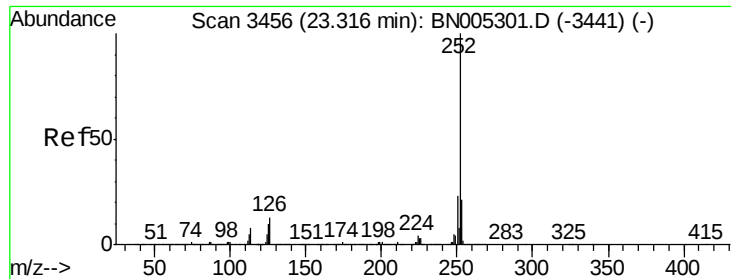
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#88
Benzo(k)fluoranthene
Concen: 2.066 ng/ul m
RT: 22.80 min Scan# 3368
Delta R.T. -0.03 min
Lab File: BN005311.D
Acq: 26 Apr 2019 09:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	9.8	7.5	11.3





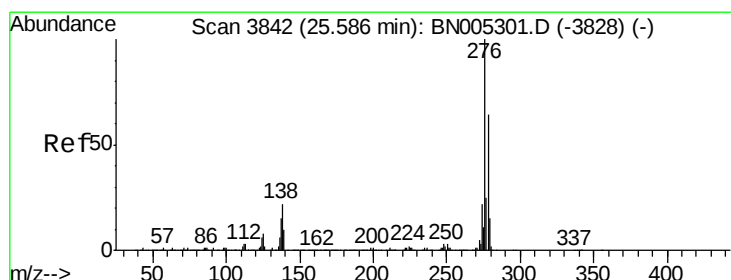
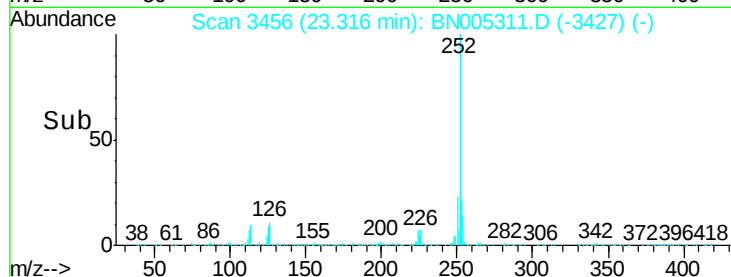
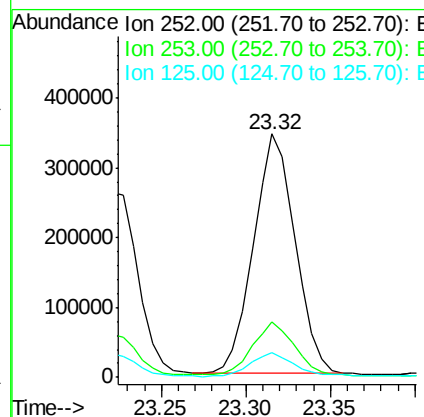
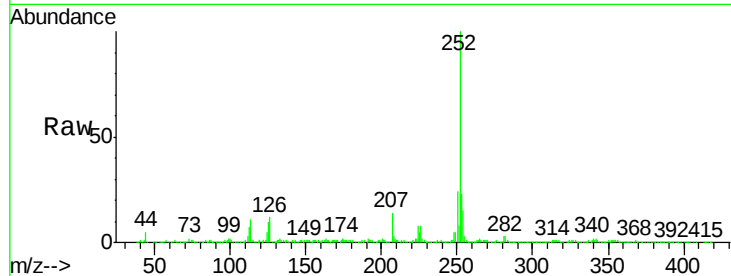
#90
Benzo(a)pyrene
Concen: 4.339 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.03 min
Lab File: BN005311.D
Acq: 26 Apr 2019 09:21

Instrument :
BNA_N
ClientSampleId :
GAHN6DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.0	17.3	25.9
125	10.0	8.6	13.0

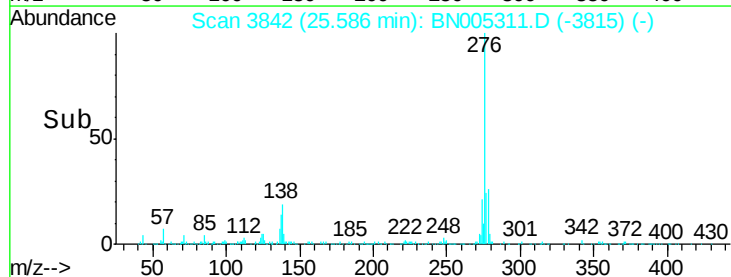
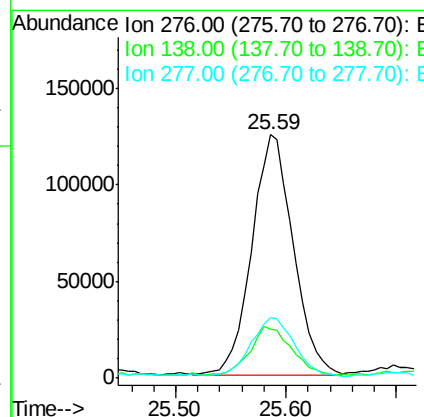
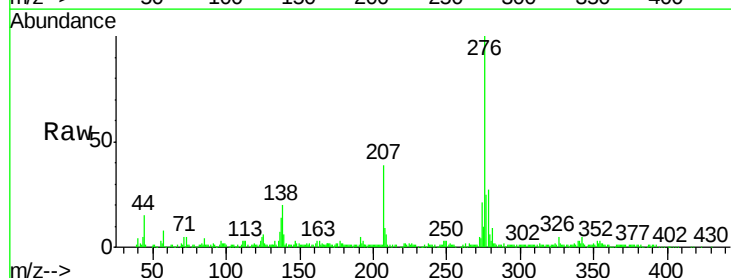
Manual Integrations
APPROVED

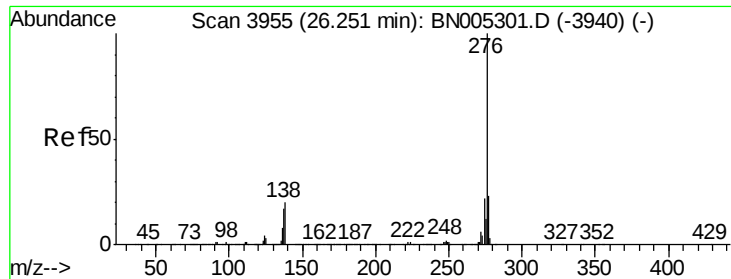
Sohil
4/26/2019 6:22:12 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 2.163 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. -0.04 min
Lab File: BN005311.D
Acq: 26 Apr 2019 09:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	20.0	17.9	26.9
277	25.1	19.7	29.5





#93
 Benzo(g,h,i)perylene
 Concen: 2.033 ng/ul
 RT: 26.25 min Scan# 3955
 Delta R.T. -0.04 min
 Lab File: BN005311.D
 Acq: 26 Apr 2019 09:21

Instrument :
 BNA_N
 ClientSampleId :
 GAHN6DL

Tgt Ion:	276	Resp:	252268
Ion Ratio		Lower	Upper
276	100		
138	19.1	16.7	25.1
277	24.2	18.2	27.2

Manual Integrations
 APPROVED

Sohil
 4/26/2019 6:22:12 PM

