

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
 Data File : BN005348.D
 Acq On : 27 Apr 2019 09:43
 Operator : JU/SJ
 Sample : K2481-15DL 30X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 GAHW8DL

Manual Integrations
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Sohil
 4/29/2019 1:44:28 PM

Quant Time: Apr 29 04:44:01 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	406667	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1721563	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1012021	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2237847	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1795127	20.00	ng/ul	-0.01
85) Perylene-d12	23.42	264	1705036	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	881m	0.10	ng/uL	0.00
5) Phenol-d5	6.78	99	20160	0.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	11806	0.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	16100	0.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	14611	0.59	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	8906	0.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	8277	0.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	17353	0.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	18896m	0.74	ng/ul	0.04
43) Dimethylphthalate-d6	13.65	166	61582	0.84	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	68519	0.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	10479	0.90	ng/ul	0.01
57) Fluorene-d10	15.23	176	61010	0.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	2253	0.22	ng/ul	0.00
70) Anthracene-d10	17.08	188	84175	0.90	ng/ul	0.00
78) Pyrene-d10	19.39	212	83267	0.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	61347	0.82	ng/ul	-0.02

Target Compounds

					Qvalue
34) 2-Methylnaphthalene	12.02	142	1121030	19.130	ng/ul 98
40) 1,1'-Biphenyl	13.05	154	638824	8.472	ng/ul 99
47) Acenaphthylene	13.95	152	3262373	36.791	ng/ul 98
49) Acenaphthene	14.29	153	347809	5.745	ng/ul 96
53) Dibenzofuran	14.63	168	394014	4.521	ng/ul 97
58) Fluorene	15.29	166	2017252	29.661	ng/ul 96
69) Phenanthrene	17.03	178	9468836	86.881	ng/ul 98
71) Anthracene	17.12	178	1050667	9.463	ng/ul 99
76) Fluoranthene	19.06	202	1837534	15.200	ng/ul 98
79) Pyrene	19.43	202	2818745	24.387	ng/ul 96
82) Benzo(a)anthracene	21.20	228	870133m	7.792	ng/ul
84) Chrysene	21.25	228	786676	7.590	ng/ul 99
87) Benzo(b)fluoranthene	22.77	252	386488	4.032	ng/ul 96
88) Benzo(k)fluoranthene	22.80	252	117290m	1.281	ng/ul
90) Benzo(a)pyrene	23.32	252	259121	2.876	ng/ul 96
91) Indeno(1,2,3-cd)pyrene	25.60	276	133325	1.339	ng/ul 96
93) Benzo(g,h,i)perylene	26.27	276	118273	1.436	ng/ul 95

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

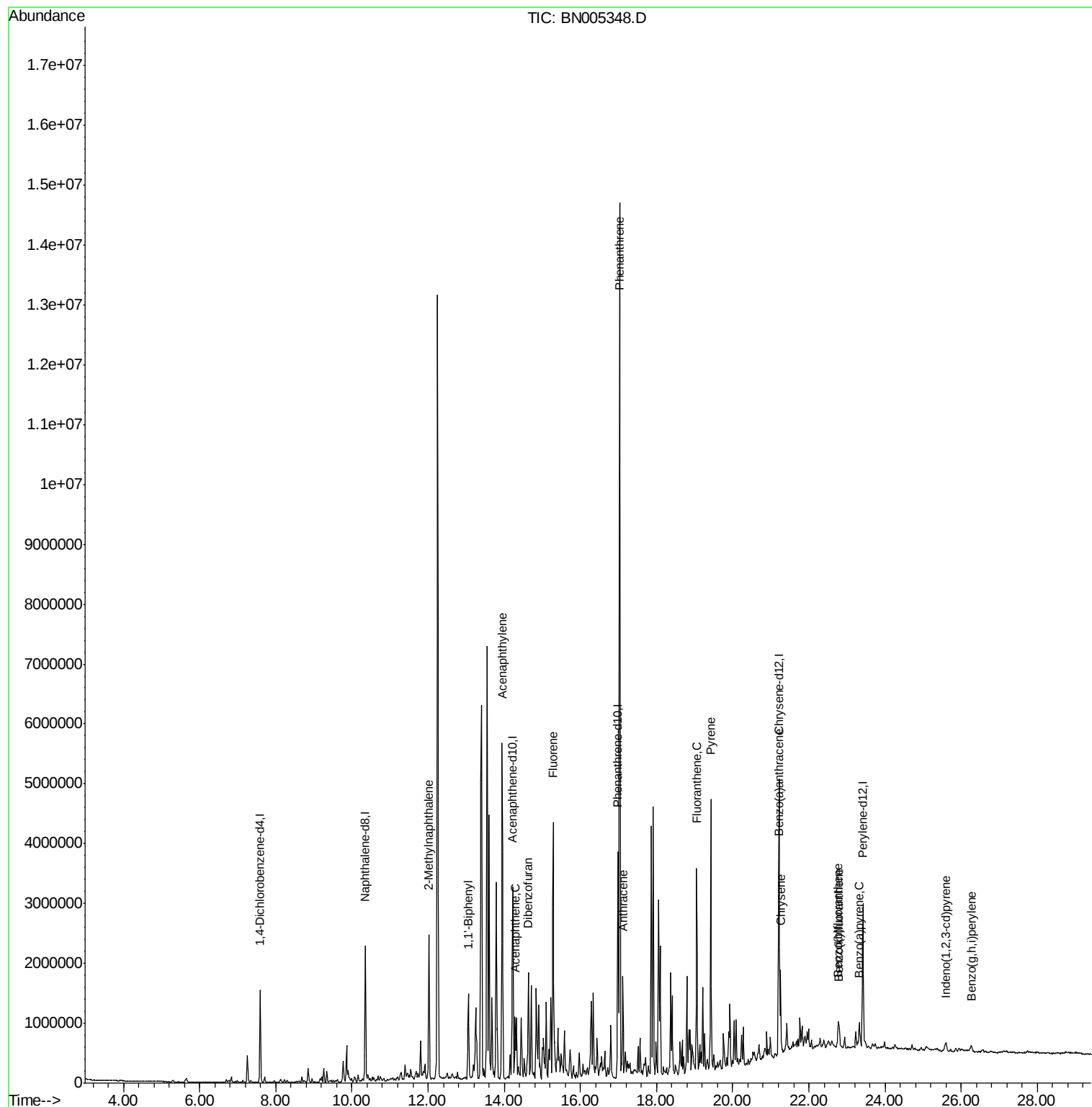
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005348.D
Acq On : 27 Apr 2019 09:43
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 31 Sample Multiplier: 1

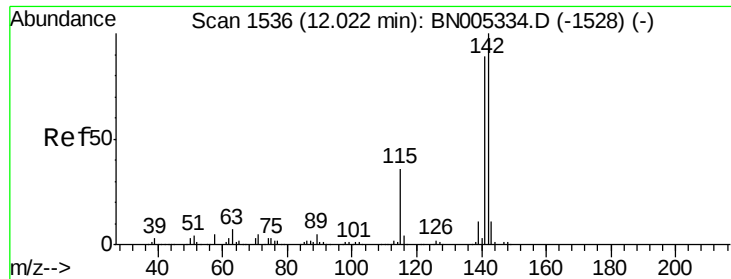
Instrument :
BNA_N
ClientSampleId :
GAHW8DL

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Quant Time: Apr 29 04:44:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
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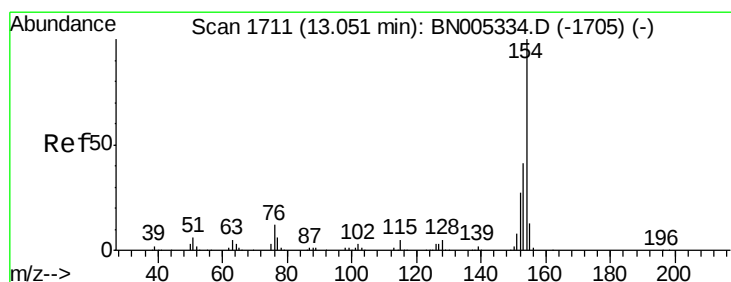
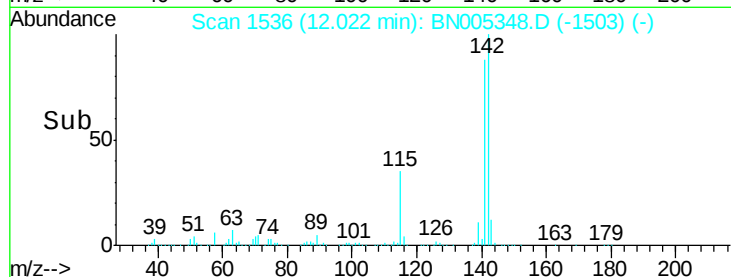
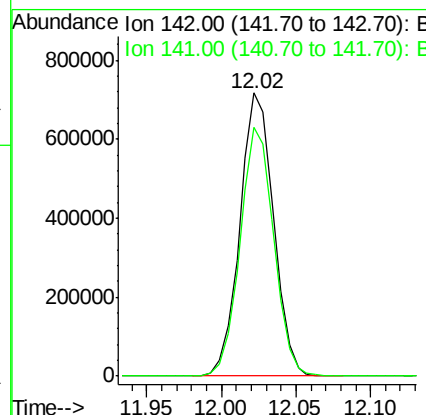
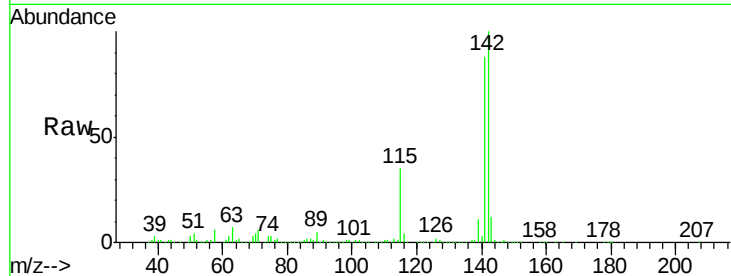
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 2-Methylnaphthalene
 Concen: 19.130 ng/ul
 RT: 12.02 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BN005348.D
 Acq: 27 Apr 2019 09:43

Instrument :
 BNA_N
 ClientSampleId :
 GAHW8DL

Tgt Ion:142 Resp: 1121030
 Ion Ratio Lower Upper
 142 100
 141 87.9 72.0 108.0

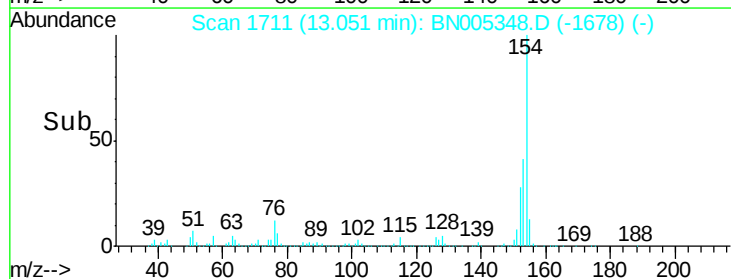
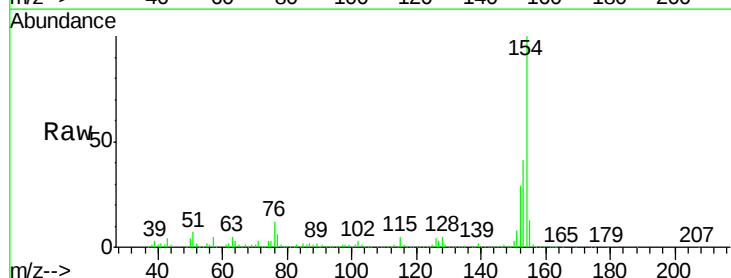
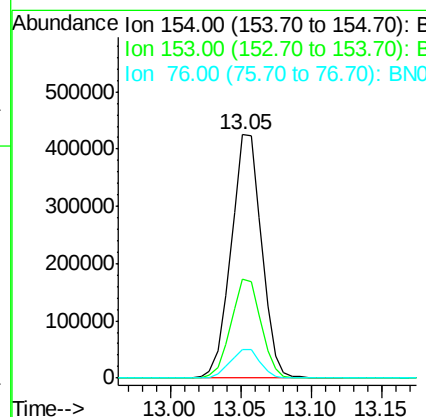
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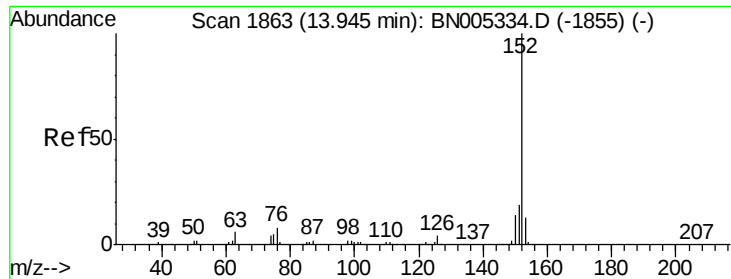
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#40
 1,1'-Biphenyl
 Concen: 8.472 ng/ul
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BN005348.D
 Acq: 27 Apr 2019 09:43

Tgt Ion:154 Resp: 638824
 Ion Ratio Lower Upper
 154 100
 153 40.8 32.6 49.0
 76 11.8 10.4 15.6





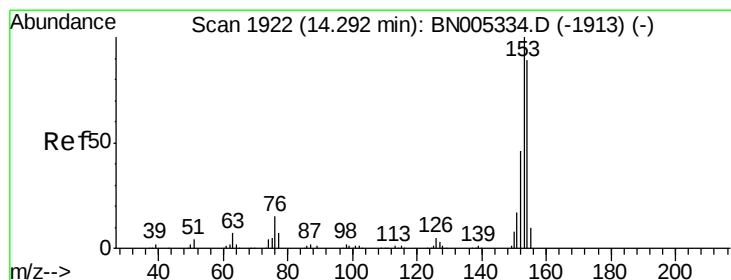
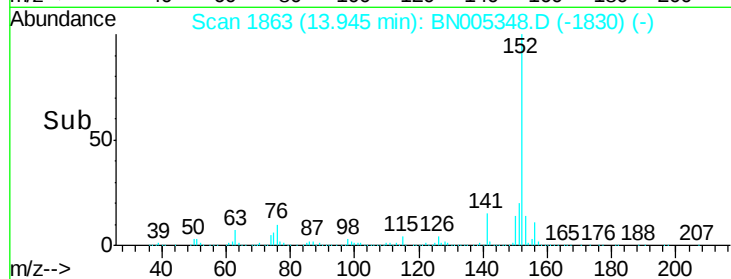
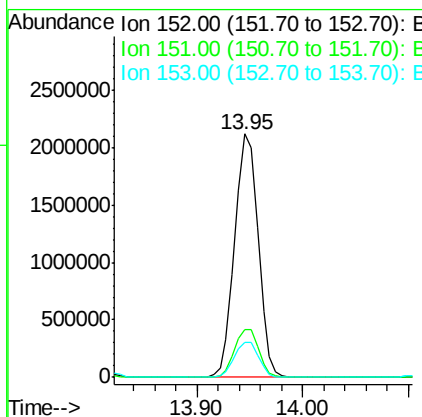
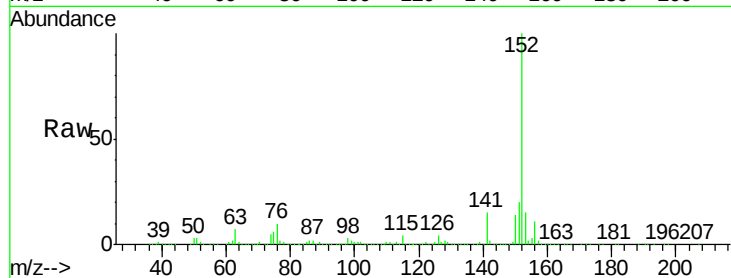
#47
Acenaphthylene
Concen: 36.791 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Instrument :
BNA_N
ClientSampled :
GAHW8DL

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	14.5	9.8	14.8

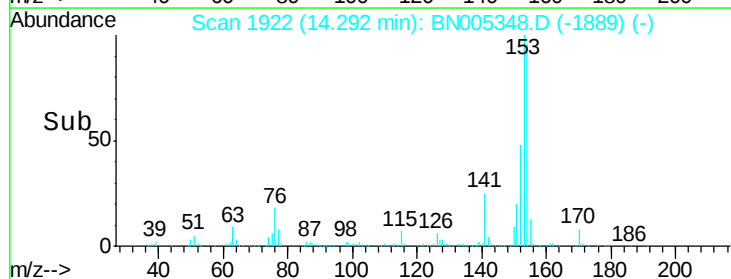
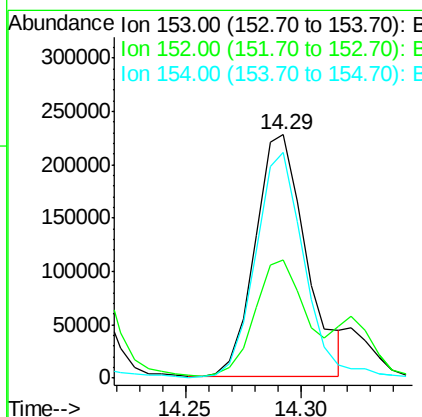
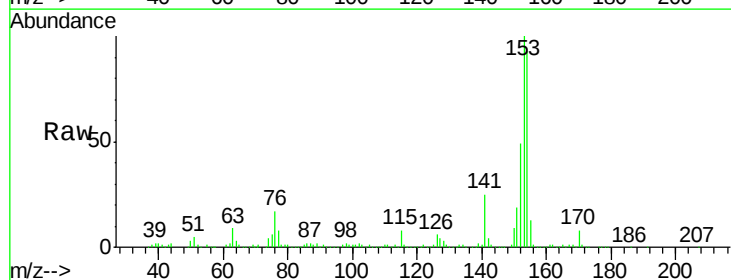
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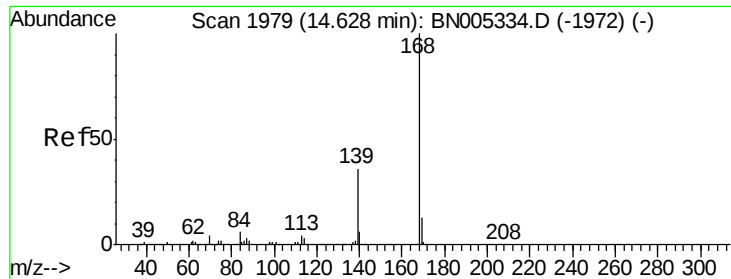
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#49
Acenaphthene
Concen: 5.745 ng/ul
RT: 14.29 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.7	37.4	56.0
154	92.6	71.2	106.8





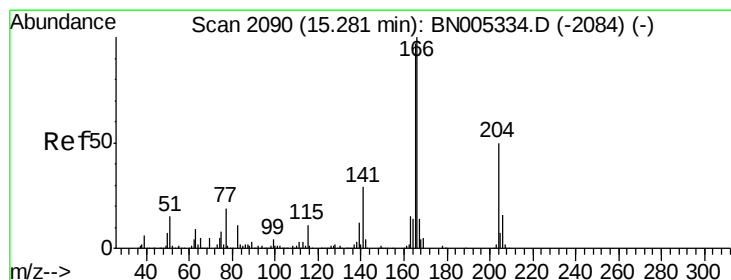
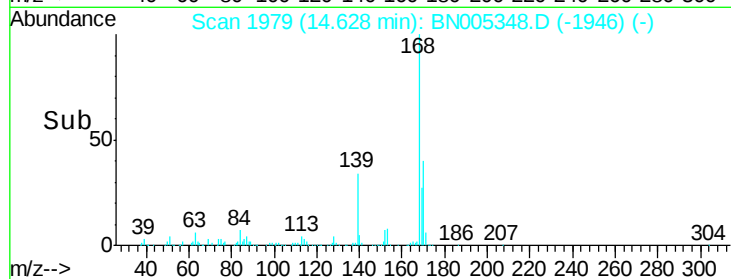
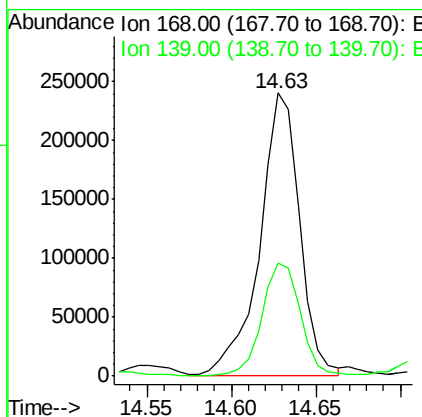
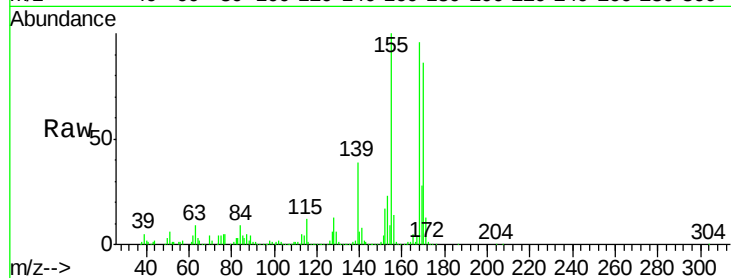
#53
Dibenzenofuran
Concen: 4.521 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Instrument :
BNA_N
ClientSampled :
GAHW8DL

Tgt Ion:168 Resp: 394014
Ion Ratio Lower Upper
168 100
139 40.2 30.9 46.3

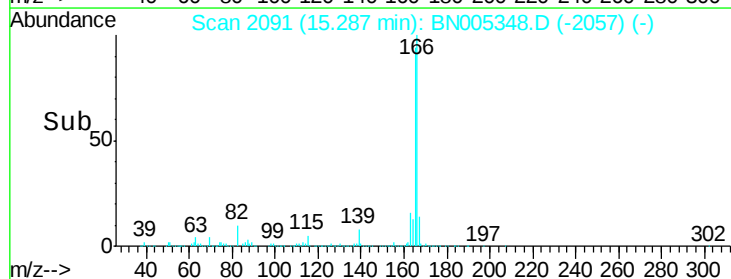
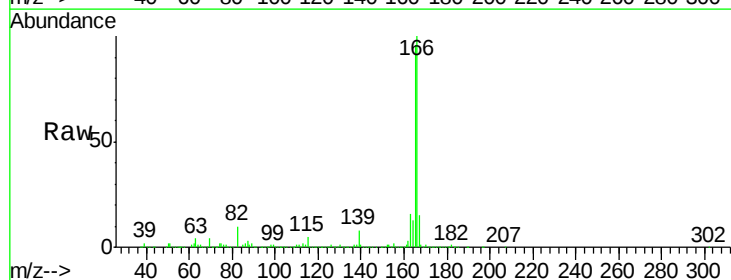
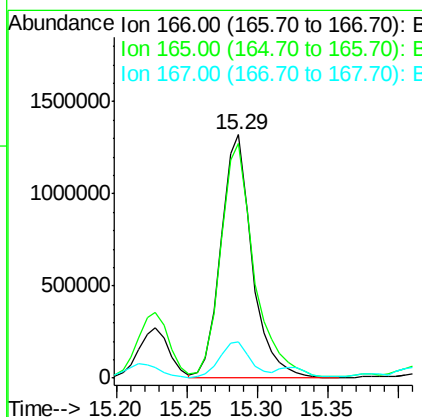
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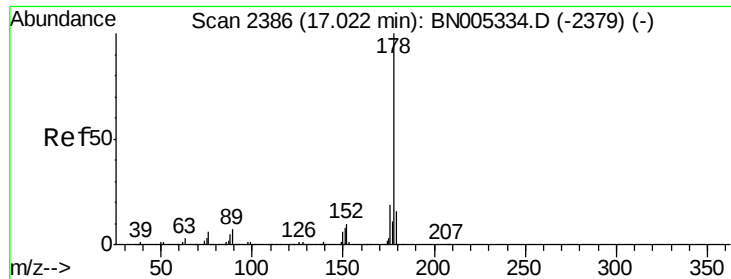
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#58
Fluorene
Concen: 29.661 ng/ul
RT: 15.29 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Tgt Ion:166 Resp: 2017252
Ion Ratio Lower Upper
166 100
165 96.2 80.0 120.0
167 14.8 10.7 16.1





#69

Phenanthrene

Concen: 86.881 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. 0.01 min

Lab File: BN005348.D

Acq: 27 Apr 2019 09:43

Instrument :

BNA_N

ClientSampleId :

GAHW8DL

Tgt Ion:178 Resp: 9468836

Ion Ratio Lower Upper

178 100

179 16.2 12.2 18.4

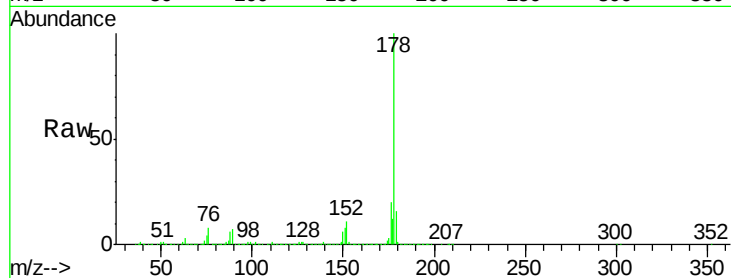
176 19.5 15.1 22.7

Manual Integrations

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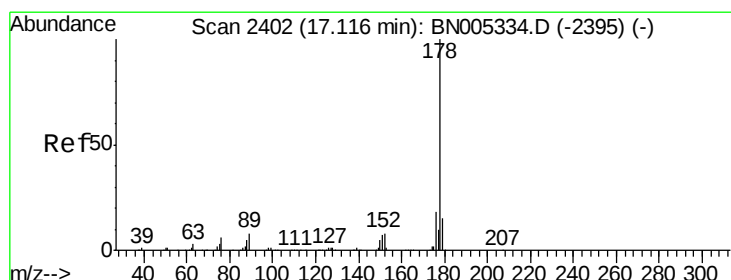
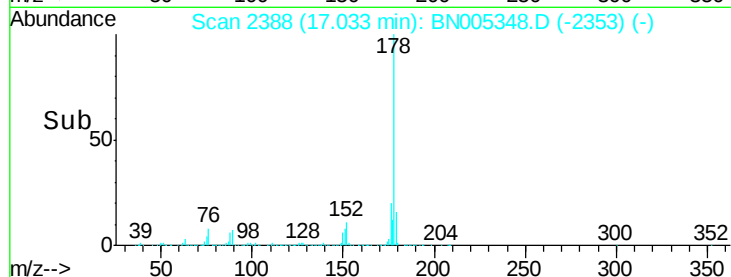
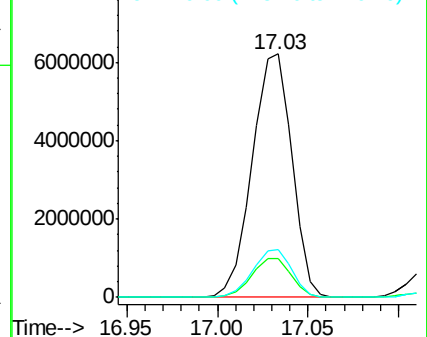


Abundance

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: 9.463 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BN005348.D

Acq: 27 Apr 2019 09:43

Tgt Ion:178 Resp: 1050667

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

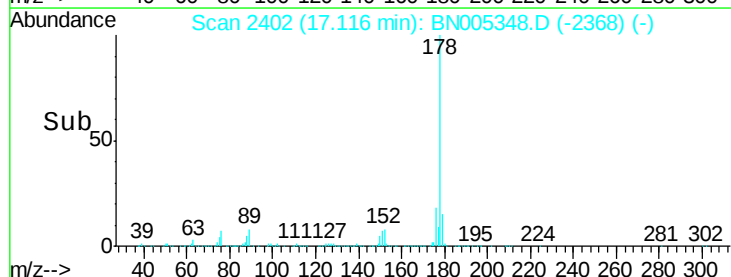
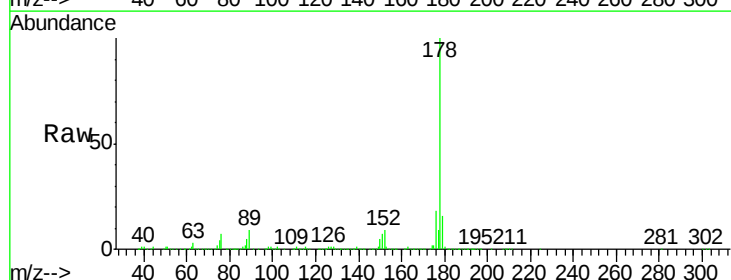
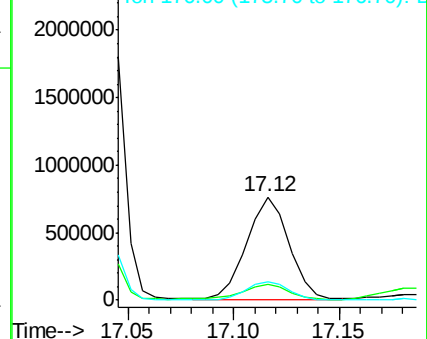
176 18.2 15.1 22.7

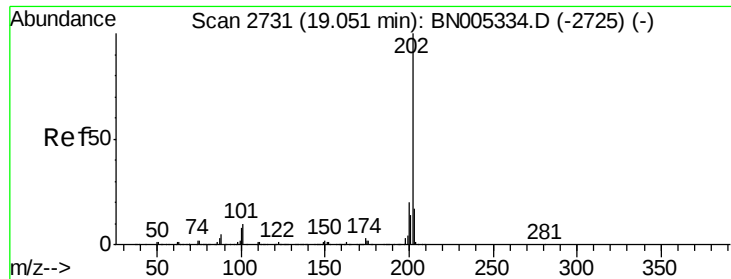
Abundance

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





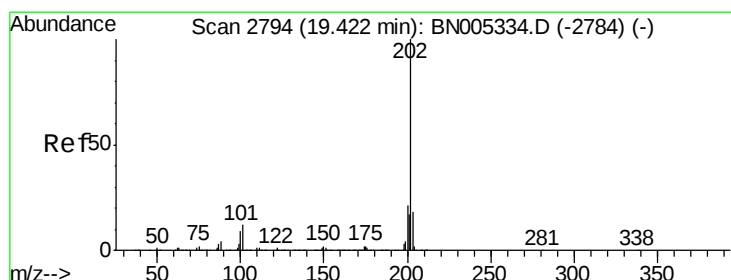
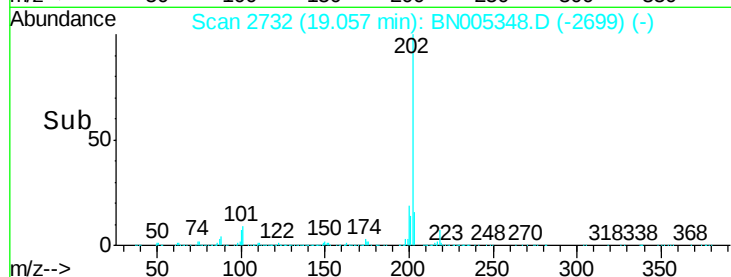
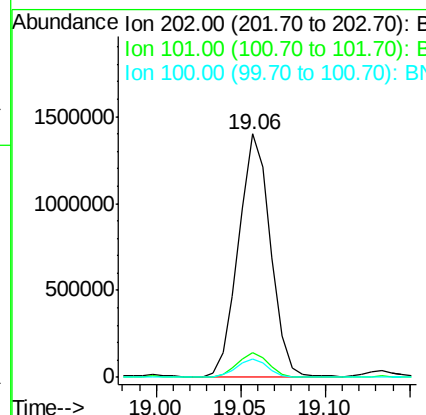
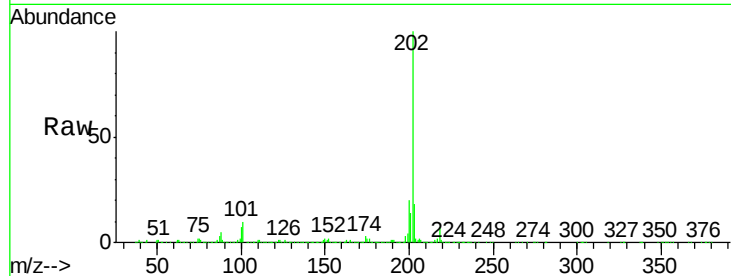
#76
 Fluoranthene
 Concen: 15.200 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. -0.01 min
 Lab File: BN005348.D
 Acq: 27 Apr 2019 09:43

Instrument :
 BNA_N
 ClientSampleId :
 GAHW8DL

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.6	12.8
100	7.4	6.3	9.5

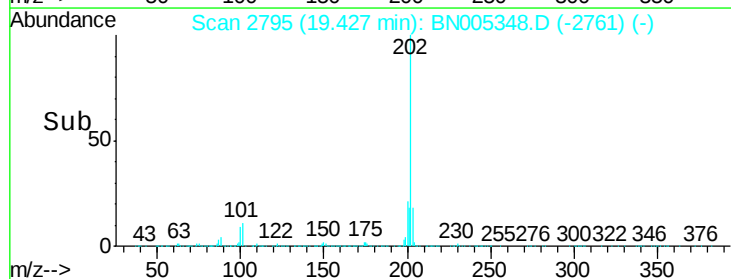
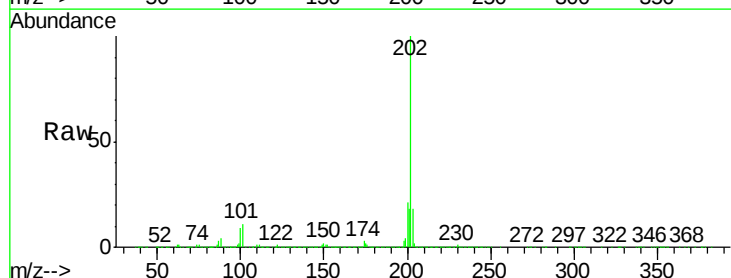
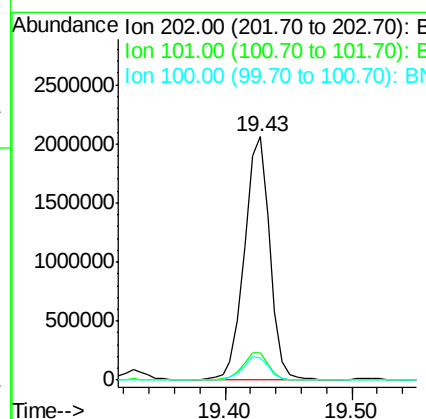
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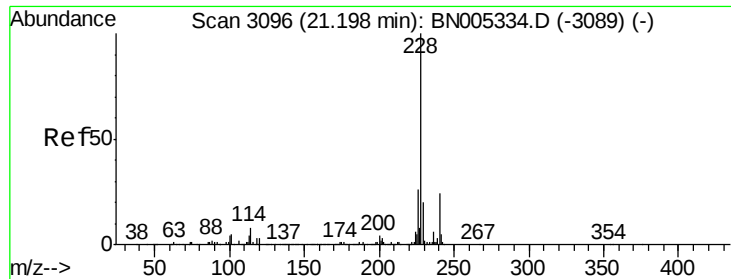
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#79
 Pyrene
 Concen: 24.387 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BN005348.D
 Acq: 27 Apr 2019 09:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	10.3	15.5
100	9.2	7.9	11.9





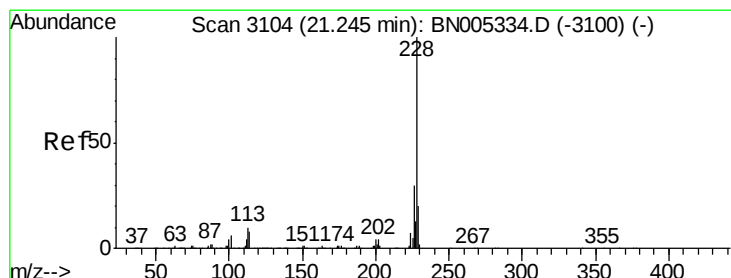
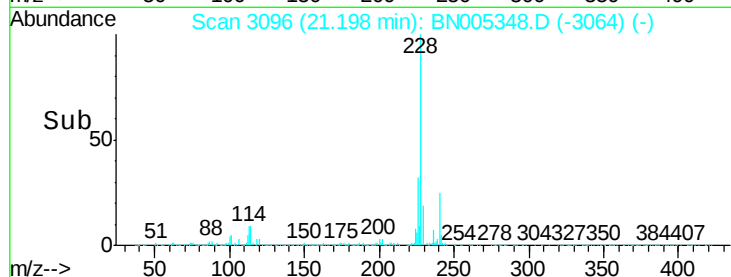
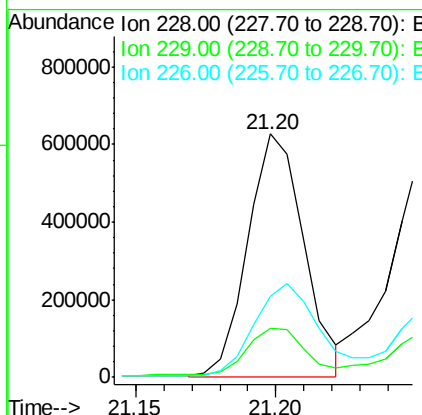
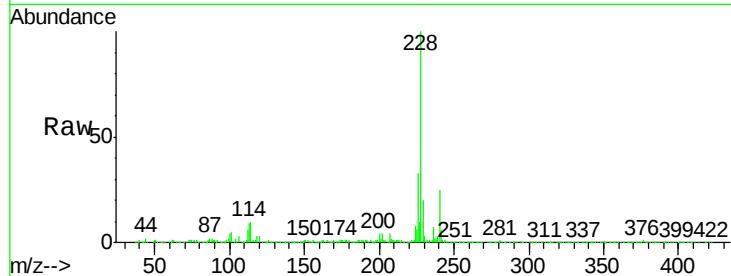
#82
Benzo(a)anthracene
Concen: 7.792 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Instrument :
BNA_N
ClientSampleId :
GAHW8DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.8	23.6
226	33.1	21.4	32.2#

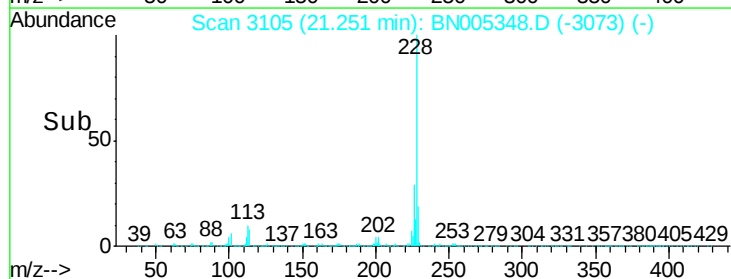
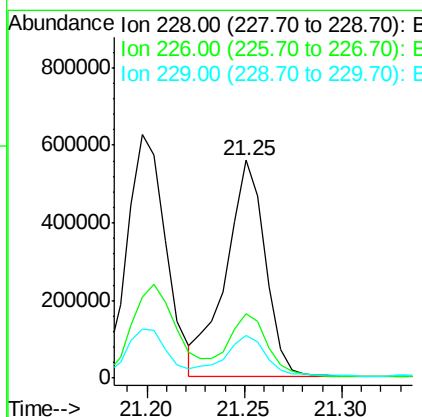
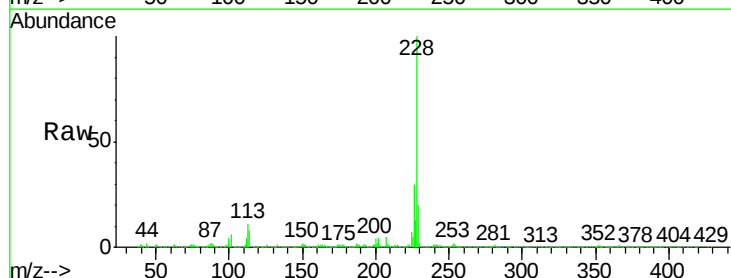
Manual Integrations
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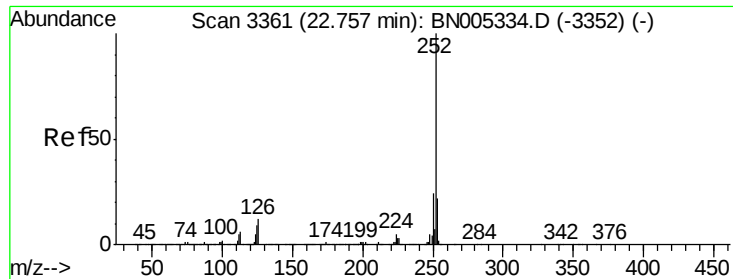
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#84
Chrysene
Concen: 7.590 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	19.7	15.4	23.0





#87

Benzo(b)fluoranthene

Concen: 4.032 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. -0.02 min

Lab File: BN005348.D

Acq: 27 Apr 2019 09:43

Instrument :

BNA_N

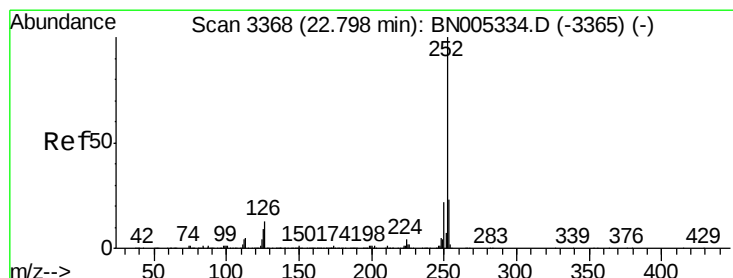
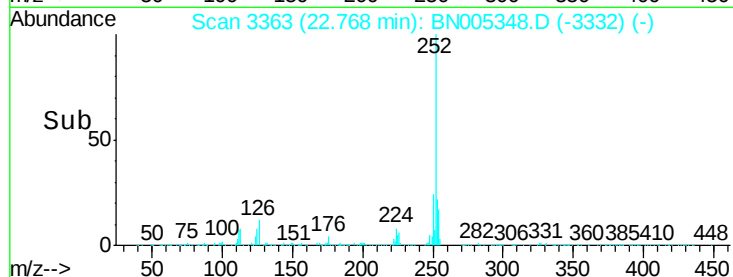
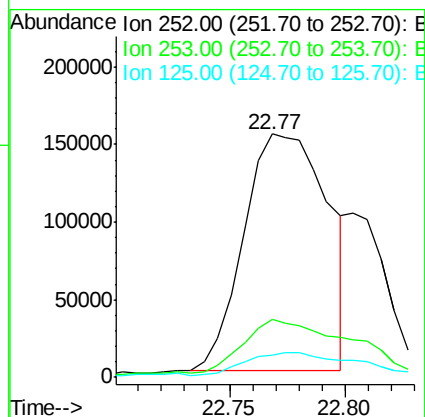
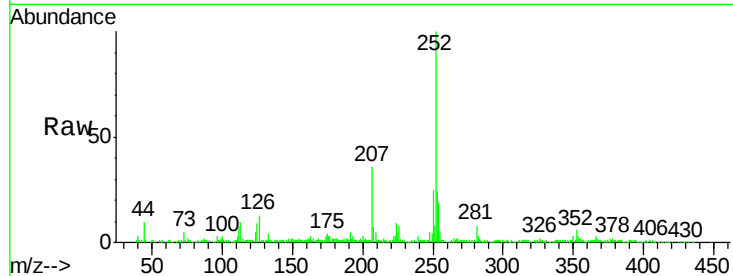
ClientSampleId :

GAHW8DL

Tgt Ion:	252	Resp:	386488
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.7	26.5
125	9.3	8.4	12.6

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#88

Benzo(k)fluoranthene

Concen: 1.281 ng/ul m

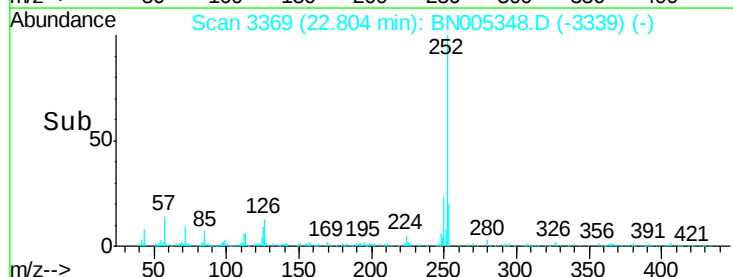
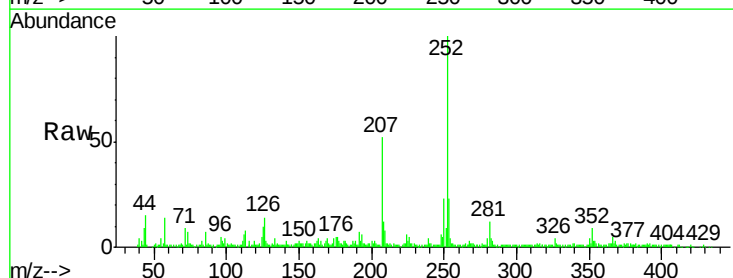
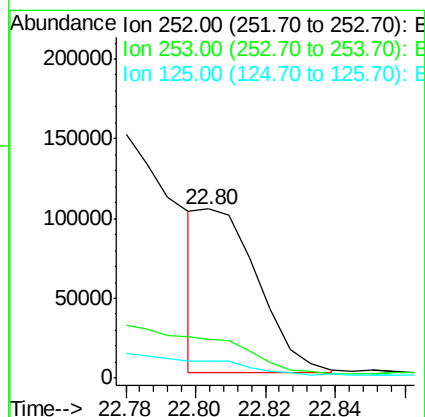
RT: 22.80 min Scan# 3369

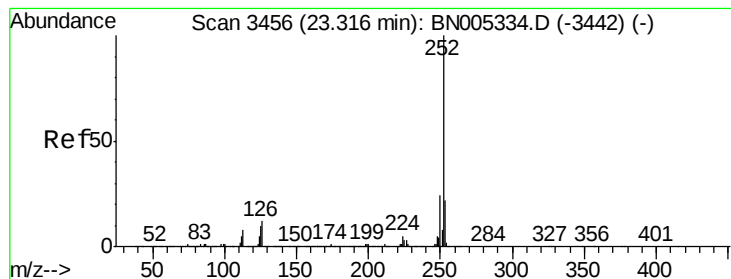
Delta R.T. -0.02 min

Lab File: BN005348.D

Acq: 27 Apr 2019 09:43

Tgt Ion:	252	Resp:	117290
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.4	26.0
125	10.3	7.5	11.3





#90

Benzo(a)pyrene

Concen: 2.876 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. -0.02 min

Lab File: BN005348.D

Acq: 27 Apr 2019 09:43

Instrument :

BNA_N

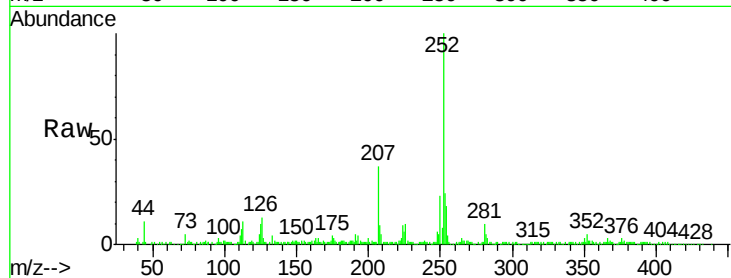
ClientSampleId :

GAHW8DL

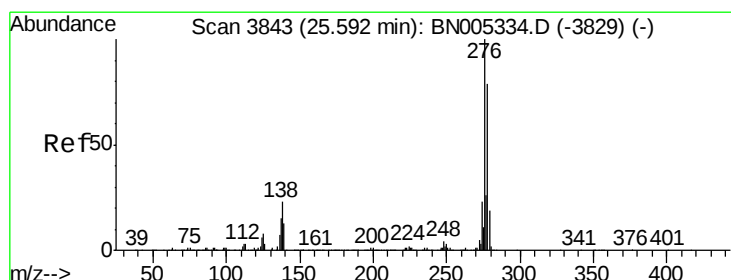
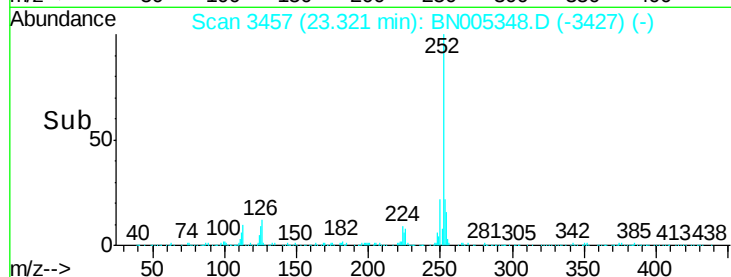
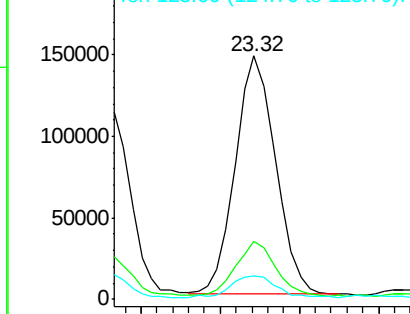
Tgt Ion:	252	Resp:	259121
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.3	25.9
125	9.8	8.6	13.0

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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



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.339 ng/ul

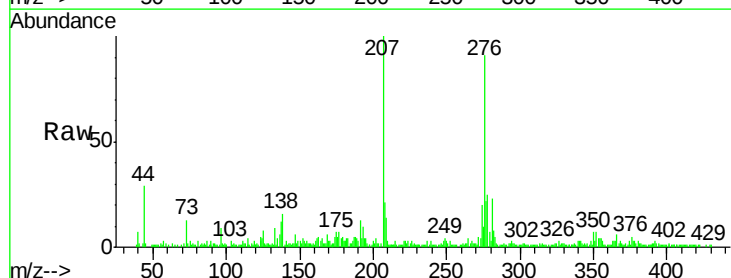
RT: 25.60 min Scan# 3844

Delta R.T. -0.03 min

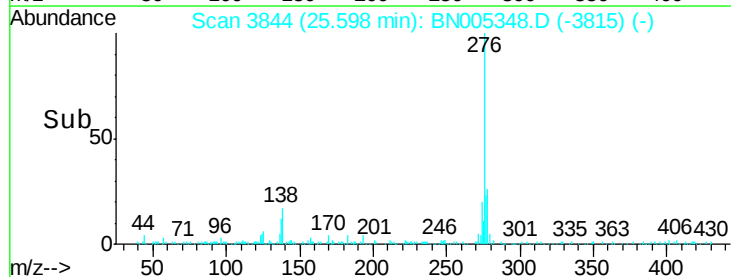
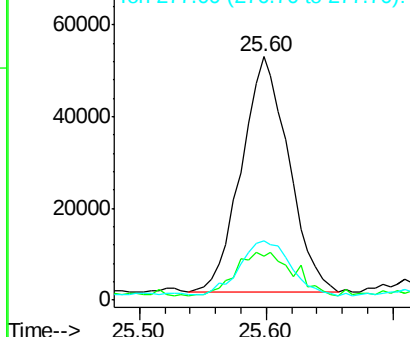
Lab File: BN005348.D

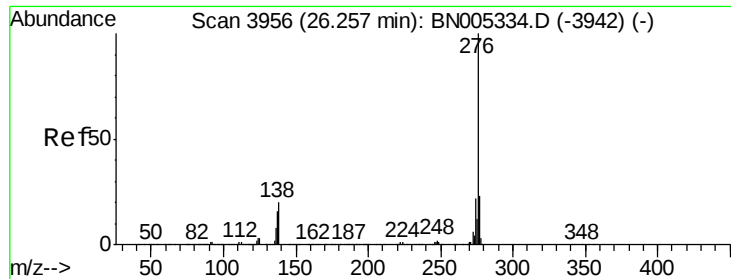
Acq: 27 Apr 2019 09:43

Tgt Ion:	276	Resp:	133325
Ion Ratio	Lower	Upper	
276	100		
138	18.1	17.9	26.9
277	24.5	19.7	29.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#93

Benzo(g,h,i)perylene

Concen: 1.436 ng/ul

RT: 26.27 min Scan# 3958

Delta R.T. -0.02 min

Lab File: BN005348.D

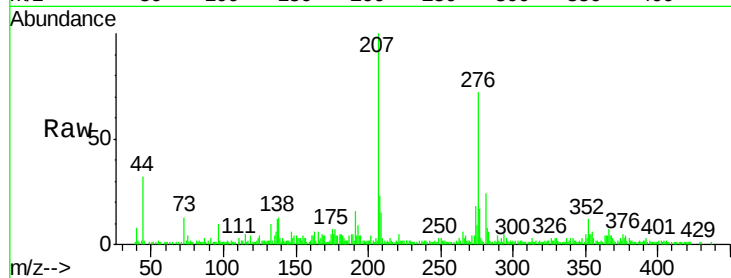
Acq: 27 Apr 2019 09:43

Instrument :

BNA_N

ClientSampleId :

GAHW8DL



Tgt Ion:	276	Resp:	118273
Ion Ratio	Lower	Upper	
276	100		
138	17.5	16.7	25.1
277	23.9	18.2	27.2

Manual Integrations
APPROVED

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