

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
 Data File : BN005360.D
 Acq On : 29 Apr 2019 20:18
 Operator : JU/SJ
 Sample : K2455-11MEDL 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHR1MEDL

Manual Integrations
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Quant Time: Apr 30 05:08:30 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	260476	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1139833	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	774178	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.98	188	1701813	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1686369	20.00	ng/ul	-0.02
85) Perylene-d12	23.40	264	1926014	20.00	ng/ul	-0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	1948	0.36	ng/uL	0.00
5) Phenol-d5	6.78	99	36755	1.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	24296	1.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	29552	1.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	24207	1.51	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	16469	2.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	16529	2.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	31848	1.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	39253	2.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	127309	2.27	ng/ul	-0.01
46) Acenaphthylene-d8	13.92	160	160029	2.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	12168m	1.37	ng/ul	0.02
57) Fluorene-d10	15.22	176	116126	2.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	7930	1.04	ng/ul	0.00
70) Anthracene-d10	17.07	188	179087	2.51	ng/ul	-0.01
78) Pyrene-d10	19.39	212	202611	2.35	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	204935	2.43	ng/ul	-0.04

Target Compounds

					Ovalue
28) Naphthalene	10.40	128	1566934	29.571	ng/ul 99
34) 2-Methylnaphthalene	12.02	142	2197472	56.637	ng/ul 98
40) 1,1'-Biphenyl	13.05	154	138786	2.406	ng/ul 99
47) Acenaphthylene	13.94	152	536705	7.912	ng/ul 98
49) Acenaphthene	14.29	153	61810	1.335	ng/ul 93
53) Dibenzofuran	14.63	168	82525	1.238	ng/ul 99
58) Fluorene	15.28	166	305309	5.868	ng/ul 97
69) Phenanthrene	17.02	178	1416168	17.087	ng/ul 100
71) Anthracene	17.11	178	238008	2.819	ng/ul 99
76) Fluoranthene	19.05	202	240956	2.621	ng/ul 97
79) Pyrene	19.42	202	397285	3.659	ng/ul 98
82) Benzo(a)anthracene	21.19	228	142409m	1.357	ng/ul
84) Chrysene	21.25	228	121610m	1.249	ng/ul

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

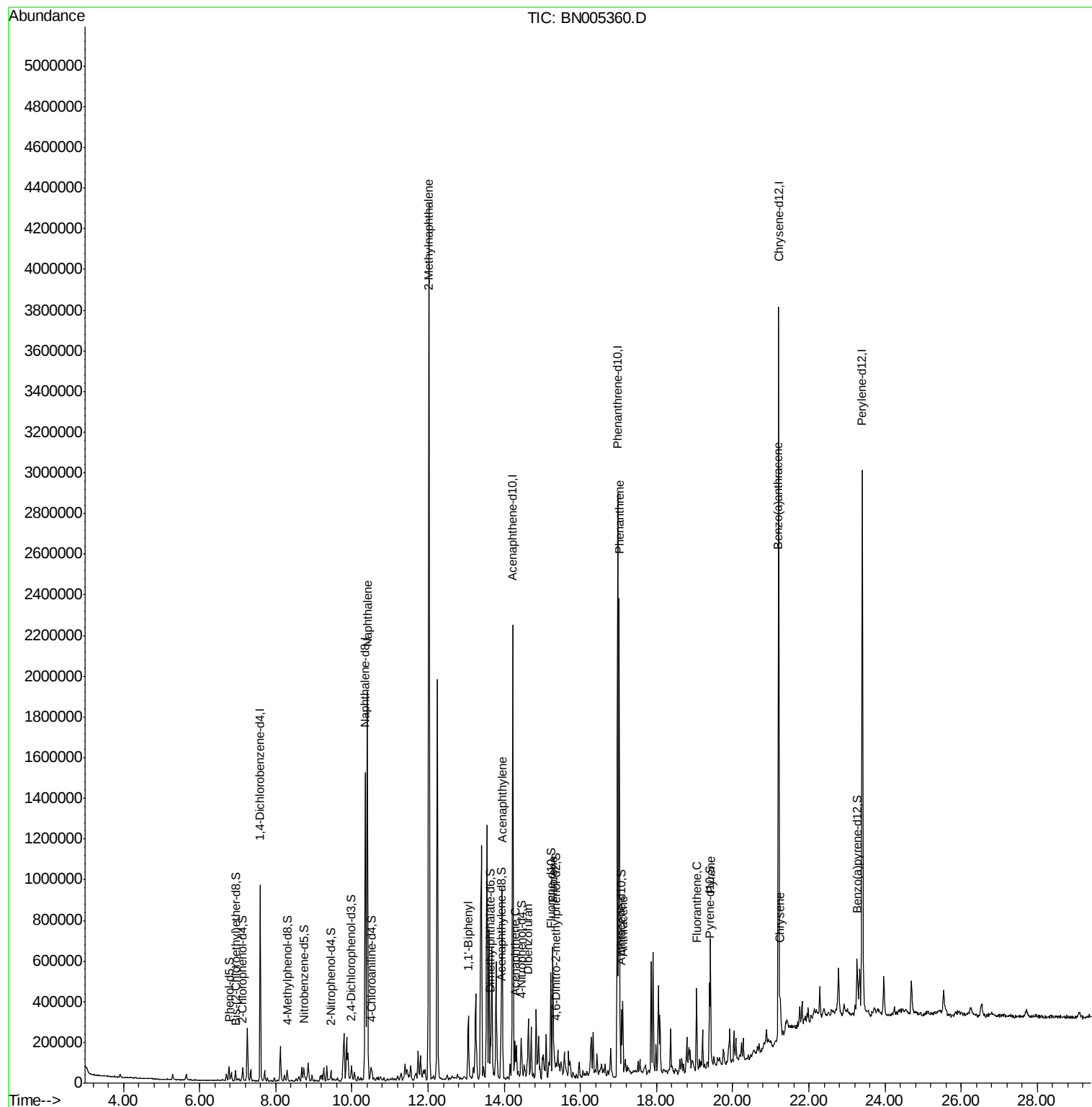
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005360.D
Acq On : 29 Apr 2019 20:18
Operator : JU/SJ
Sample : K2455-11MEDL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

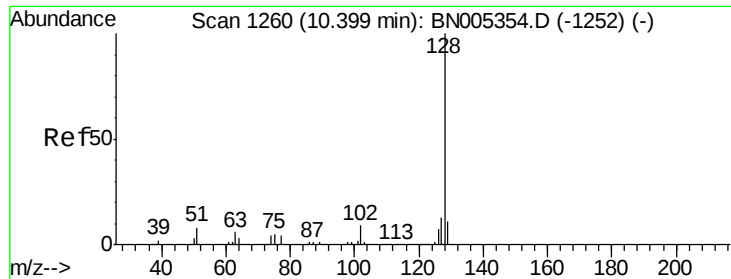
Instrument :
BNA_N
ClientSampleId :
GAHR1MEDL

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Quant Time: Apr 30 05:08:30 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





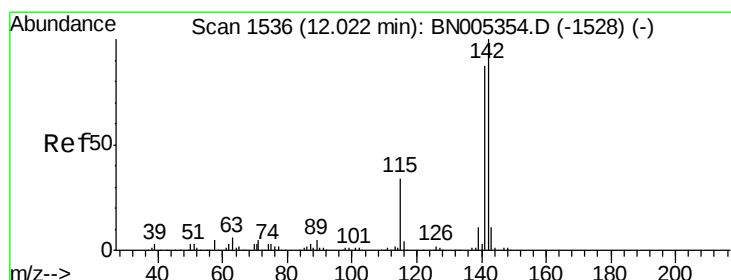
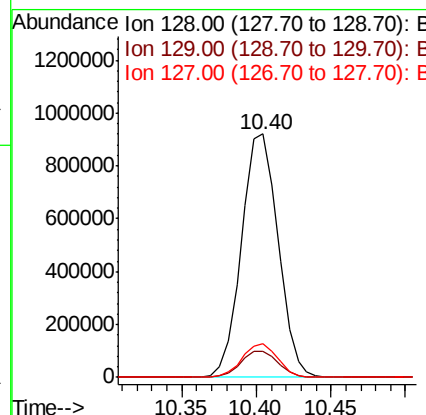
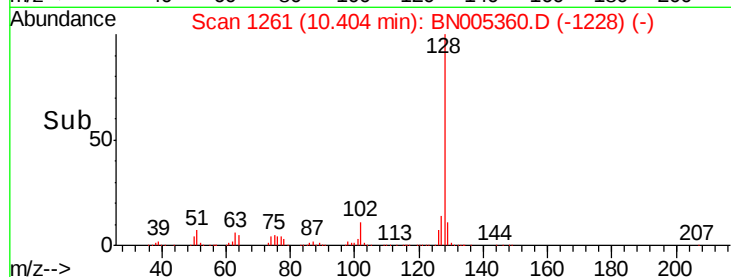
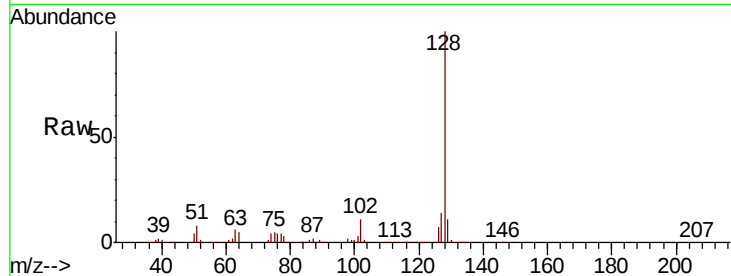
#28
Naphthalene
Concen: 29.571 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BN005360.D
Acq: 29 Apr 2019 20:18

Instrument :
BNA_N
ClientSampleId :
GAHR1MEDL

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.2	13.8
127	13.7	10.7	16.1

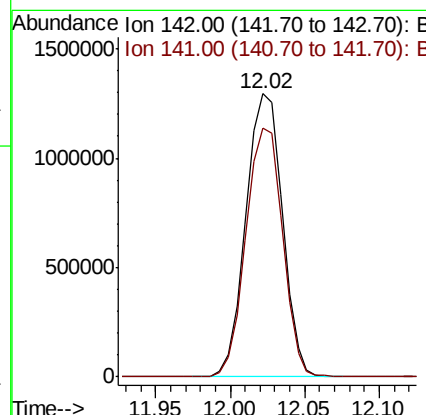
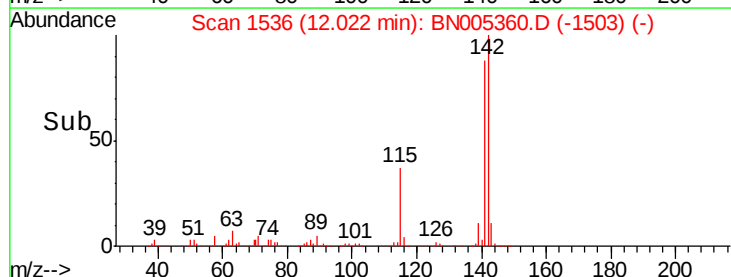
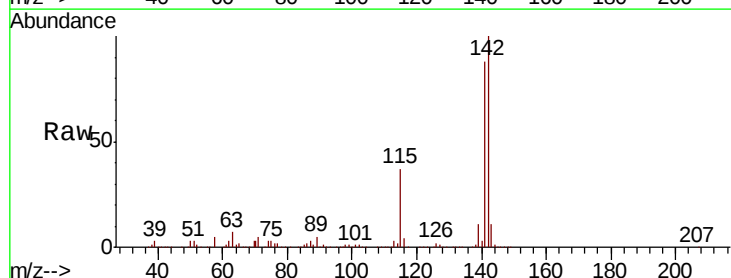
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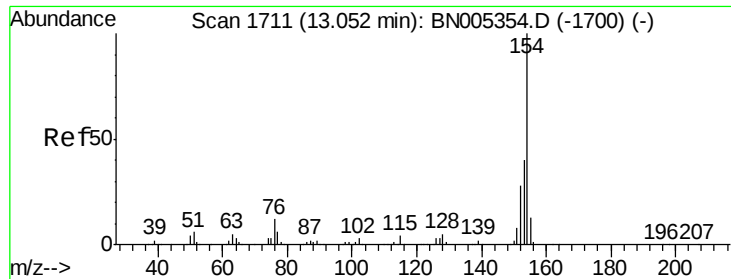
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#34
2-Methylnaphthalene
Concen: 56.637 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BN005360.D
Acq: 29 Apr 2019 20:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.0	108.0





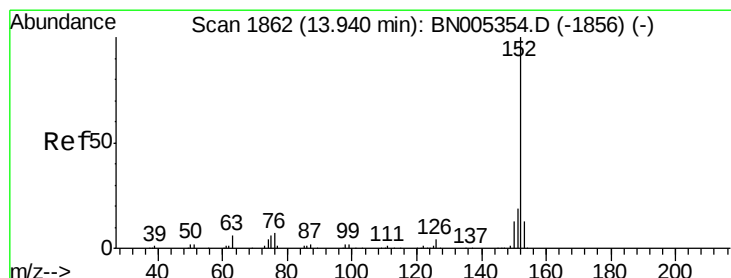
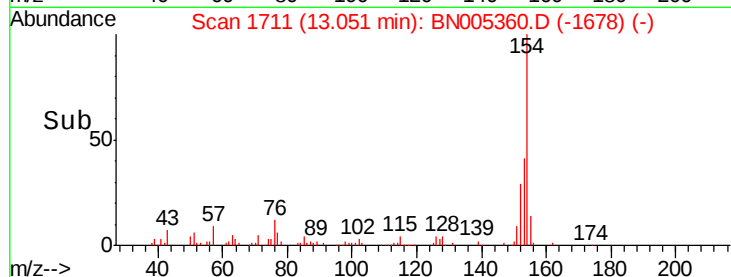
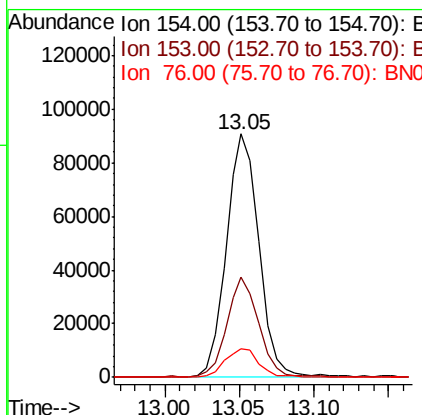
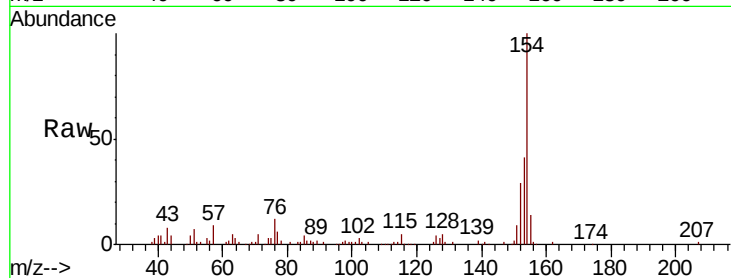
#40
 1,1'-Biphenyl
 Concen: 2.406 ng/ul
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BN005360.D
 Acq: 29 Apr 2019 20:18

Instrument :
 BNA_N
 ClientSampleId :
 GAHR1MEDL

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	32.6	49.0
76	11.8	10.4	15.6

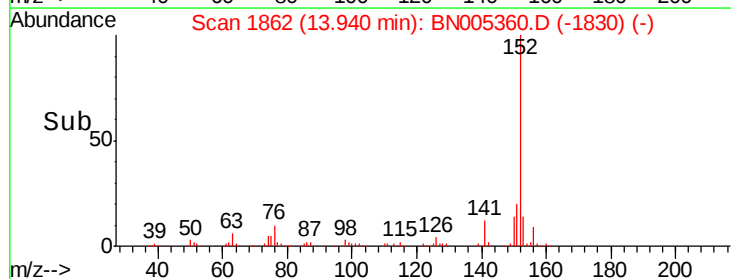
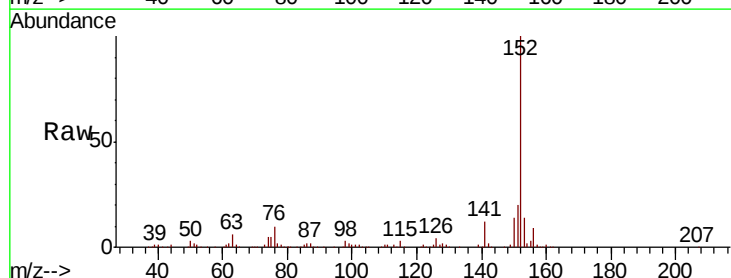
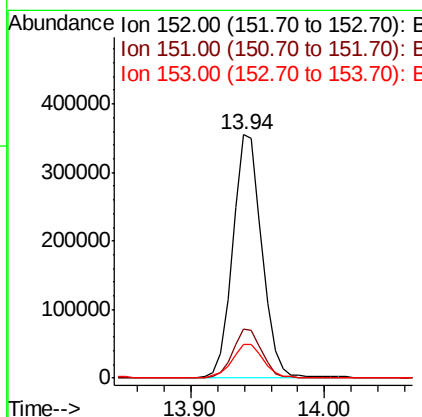
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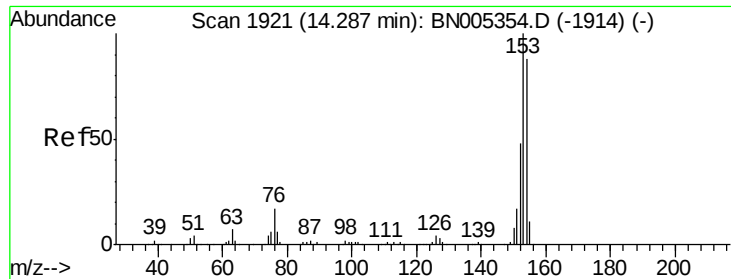
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#47
 Acenaphthylene
 Concen: 7.912 ng/ul
 RT: 13.94 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: BN005360.D
 Acq: 29 Apr 2019 20:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.8	9.8	14.8





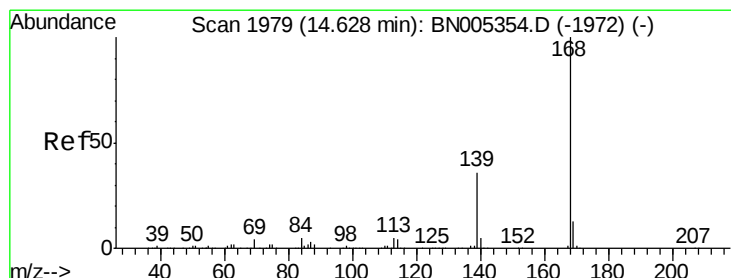
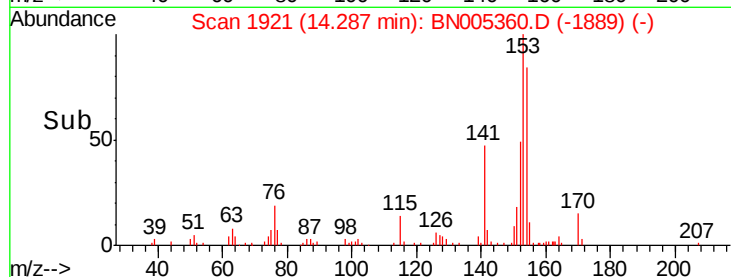
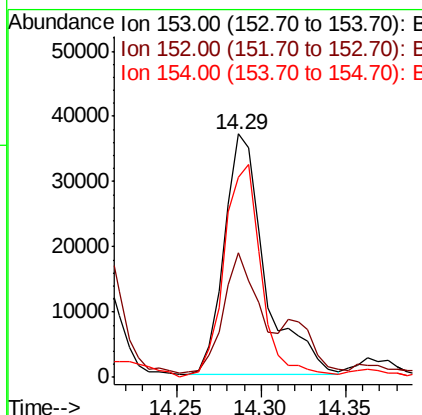
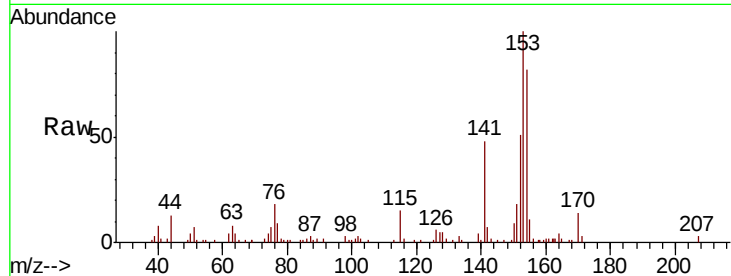
#49
Acenaphthene
Concen: 1.335 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BN005360.D
Acq: 29 Apr 2019 20:18

Instrument :
BNA_N
ClientSampled :
GAHR1MEDL

Tot Ion	Ratio	Lower	Upper
153	100		
152	51.2	37.4	56.0
154	82.1	71.2	106.8

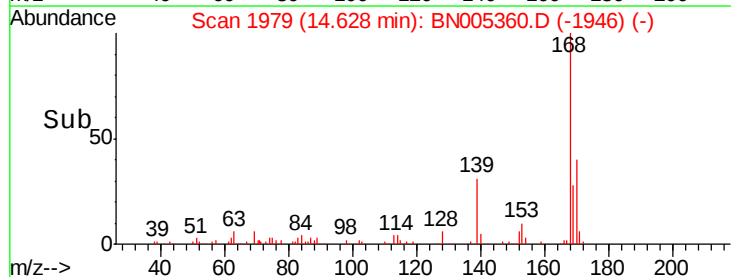
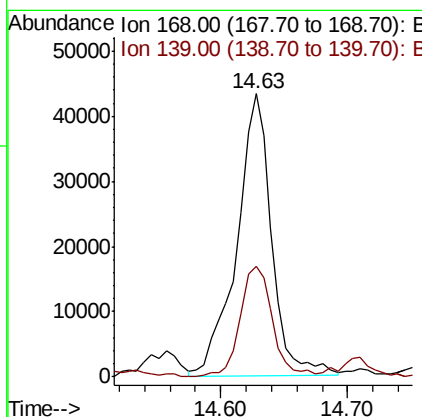
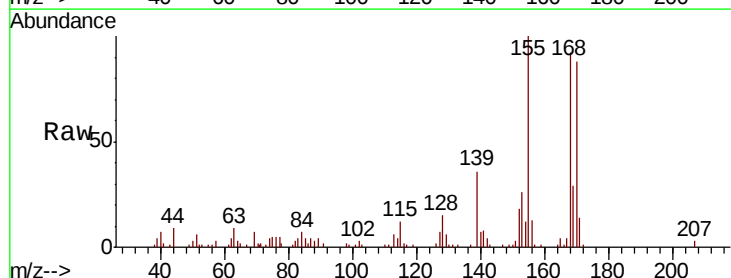
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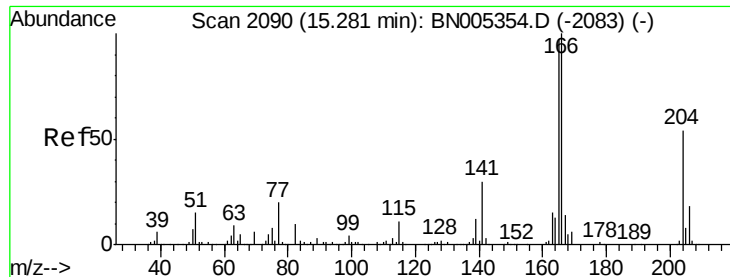
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#53
Dibenzofuran
Concen: 1.238 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BN005360.D
Acq: 29 Apr 2019 20:18

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.9	46.3





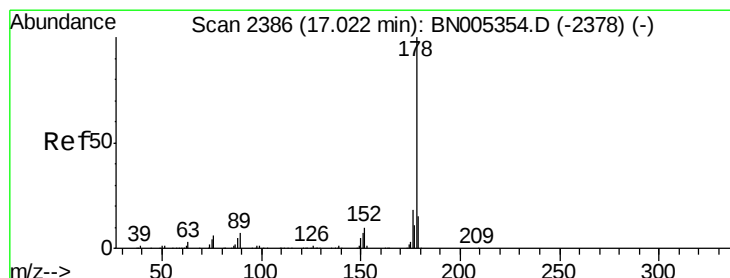
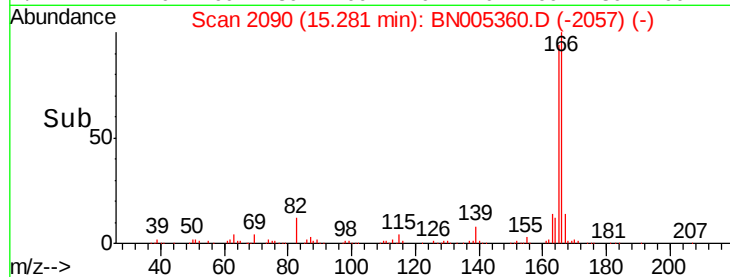
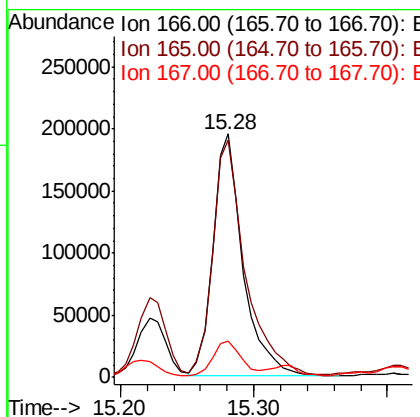
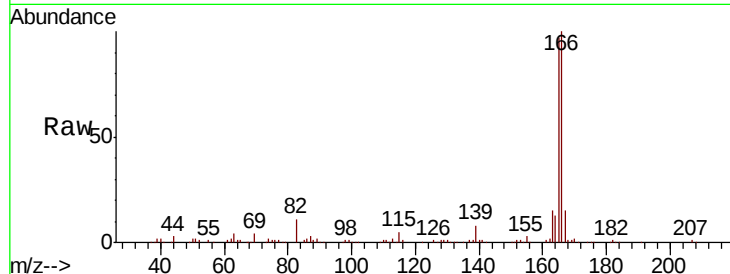
#58
 Fluorene
 Concen: 5.868 ng/ul
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BN005360.D
 Acq: 29 Apr 2019 20:18

Instrument :
 BNA_N
 ClientSampleID :
 GAHR1MEDL

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.3	80.0	120.0
167	15.1	10.7	16.1

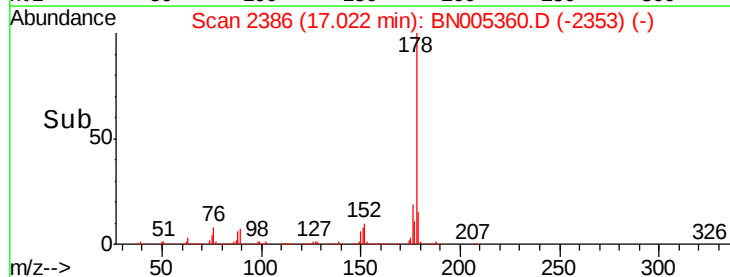
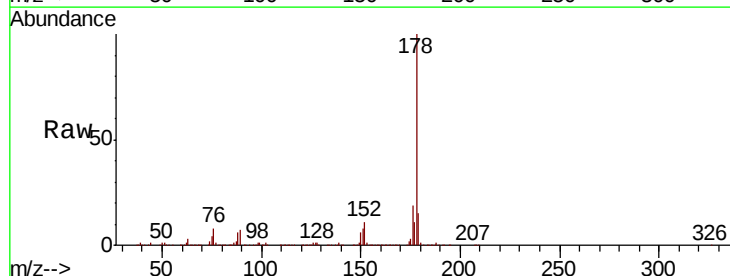
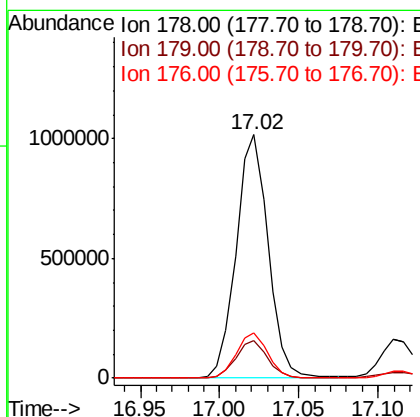
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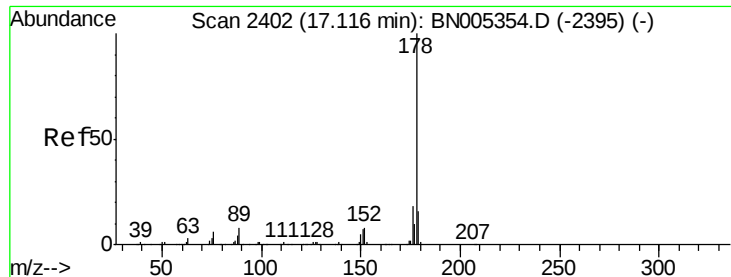
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#69
 Phenanthrene
 Concen: 17.087 ng/ul
 RT: 17.02 min Scan# 2386
 Delta R.T. -0.01 min
 Lab File: BN005360.D
 Acq: 29 Apr 2019 20:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	18.8	15.1	22.7





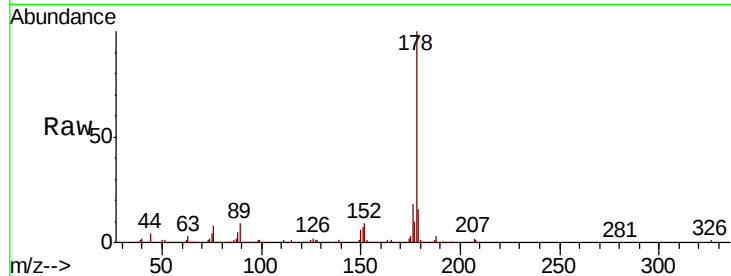
#71
 Anthracene
 Concen: 2.819 ng/ul
 RT: 17.11 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BN005360.D
 Acq: 29 Apr 2019 20:18

Instrument :
 BNA_N
 ClientSampleID :
 GAHR1MEDL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.2	15.1	22.7

Manual Integrations
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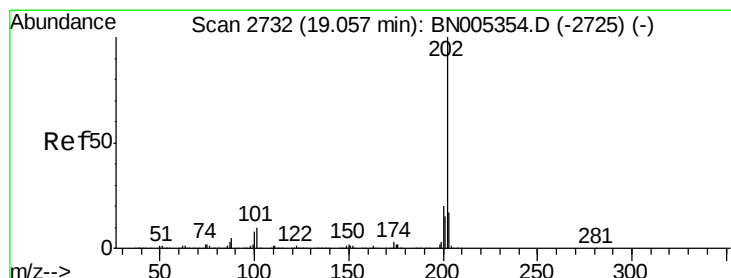
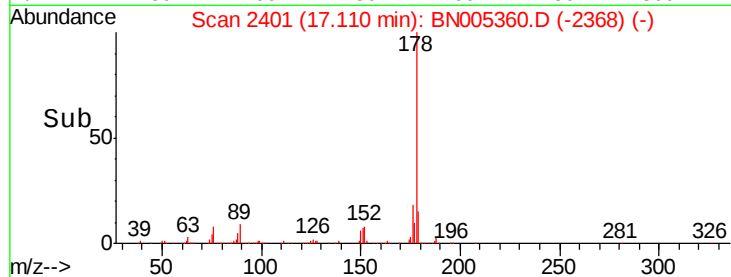
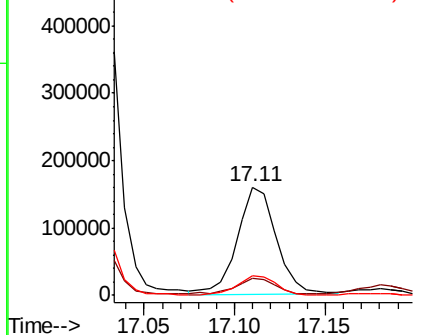


Abundance

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



#76
 Fluoranthene
 Concen: 2.621 ng/ul
 RT: 19.05 min Scan# 2731
 Delta R.T. -0.01 min
 Lab File: BN005360.D
 Acq: 29 Apr 2019 20:18

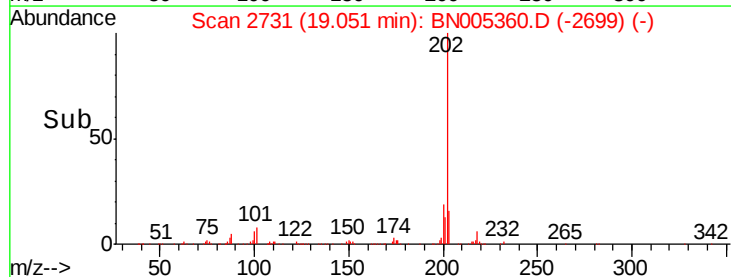
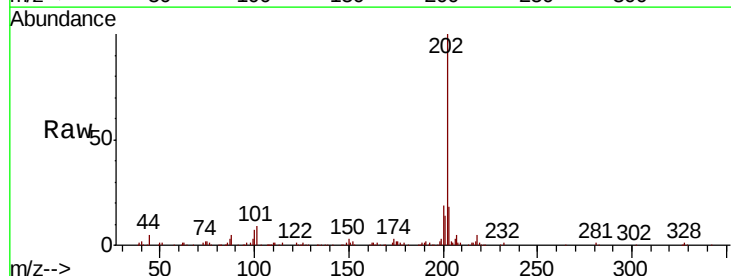
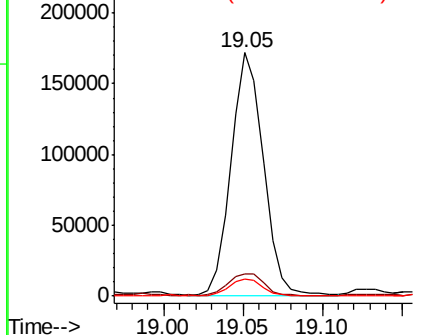
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.6	12.8
100	7.0	6.3	9.5

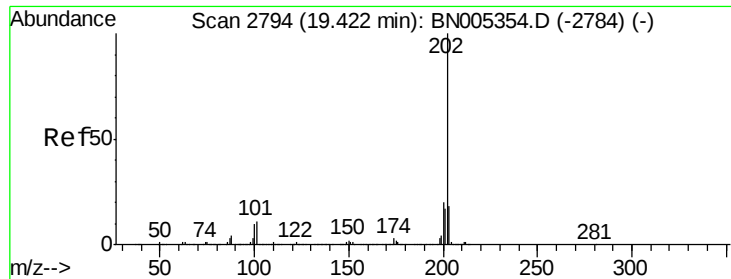
Abundance

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

Pvrene

Concen: 3.659 ng/ul

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BN005360.D

Acq: 29 Apr 2019 20:18

Instrument :

BNA_N

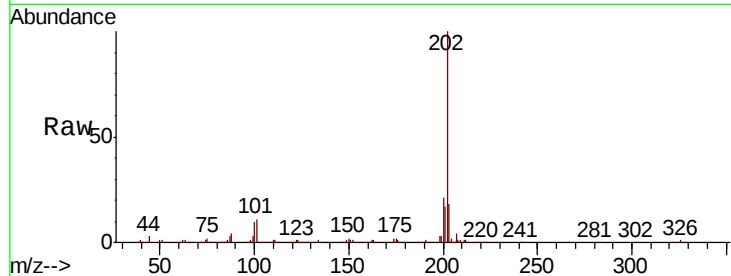
ClientSampleId :

GAHR1MEDL

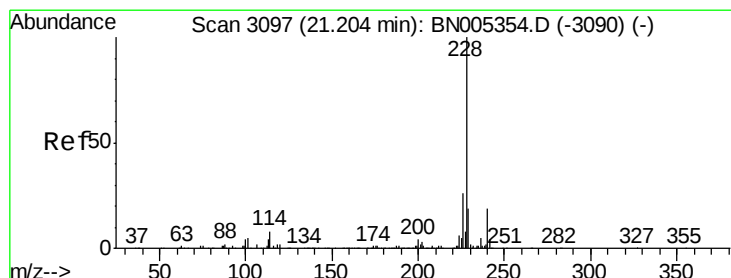
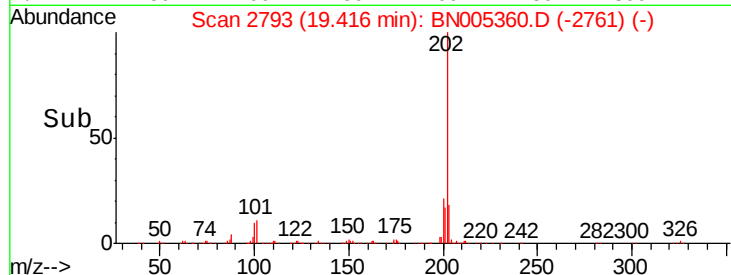
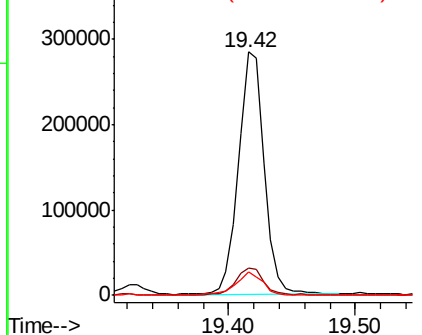
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		397285		
101	11.2	10.3	15.5		
100	9.9	7.9	11.9		

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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



#82

Benzo(a)anthracene

Concen: 1.357 ng/ul m

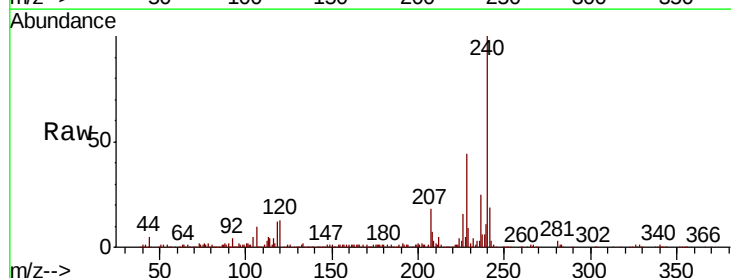
RT: 21.19 min Scan# 3095

Delta R.T. -0.02 min

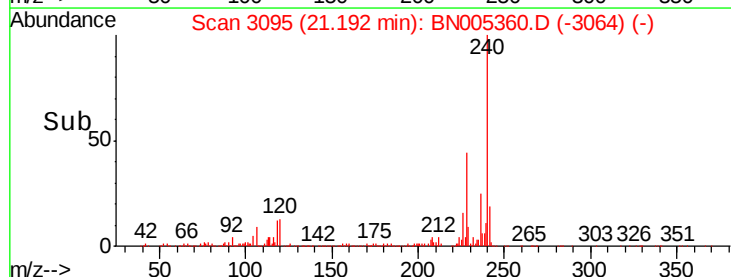
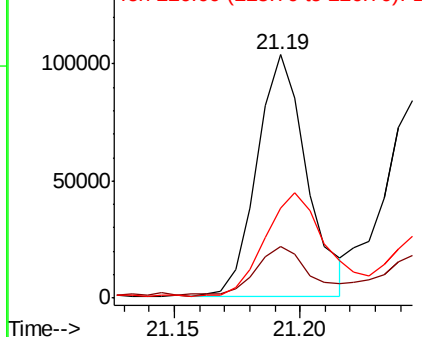
Lab File: BN005360.D

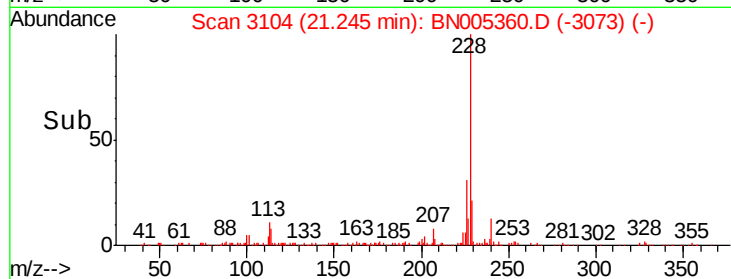
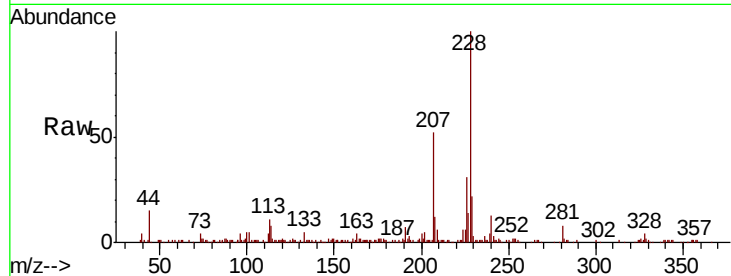
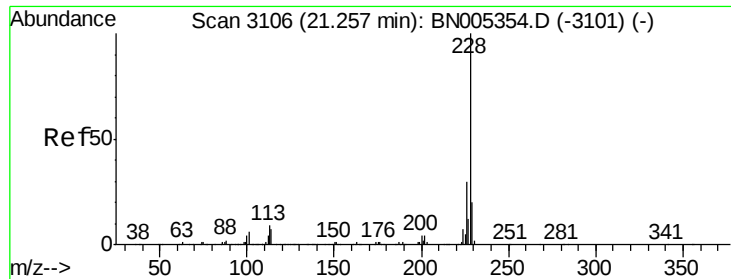
Acq: 29 Apr 2019 20:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		142409		
229	21.2	15.8	23.6		
226	36.8	21.4	32.2#		



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 1.249 ng/ul m

RT: 21.25 min Scan# 3104

Delta R.T. -0.02 min

Lab File: BN005360.D

Acq: 29 Apr 2019 20:18

Instrument :

BNA_N

ClientSampleId :

GAHR1MEDL

Tot Ion:	228	Resp:	121610
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.0	36.0
229	21.8	15.4	23.0

Manual Integrations
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