

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
 Data File : BN005399.D
 Acq On : 01 May 2019 07:46
 Operator : JU/SJ
 Sample : K2455-02MEDL2 30X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ4MEDL2

Manual Integrations
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Sohil
 5/3/2019 10:51:47 PM

Quant Time: May 01 17:35:51 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	413728	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1772323	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1076294	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2454651	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2023012	20.00	ng/ul	-0.02
85) Perylene-d12	23.42	264	1811922	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	1642	0.19	ng/uL	0.00
5) Phenol-d5	6.78	99	25372	0.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	18064	0.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	22098	0.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	13407	0.53	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	12288	1.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	11332	1.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	21077	0.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	29319	1.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	82728	1.06	ng/ul	-0.01
46) Acenaphthylene-d8	13.91	160	98335	1.02	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.47	143	7226	0.59	ng/ul	0.04
57) Fluorene-d10	15.22	176	77082	1.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	1895	0.17	ng/ul	0.00
70) Anthracene-d10	17.08	188	126021	1.22	ng/ul	0.00
78) Pyrene-d10	19.39	212	125003	1.21	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	83879	1.06	ng/ul	-0.02

Target Compounds

					Ovalue	
28) Naphthalene	10.40	128	5611111	68.102	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	3173821	52.609	ng/ul	98
40) 1,1'-Biphenyl	13.05	154	214246	2.672	ng/ul	98
47) Acenaphthylene	13.95	152	562323	5.963	ng/ul#	97
49) Acenaphthene	14.29	153	69317	1.077	ng/ul	96
58) Fluorene	15.28	166	363155	5.021	ng/ul	97
69) Phenanthrene	17.02	178	1794815	15.014	ng/ul	99
71) Anthracene	17.11	178	141319	1.160	ng/ul	98
76) Fluoranthene	19.05	202	377516	2.847	ng/ul	98
79) Pyrene	19.42	202	583361	4.479	ng/ul	96
82) Benzo(a)anthracene	21.20	228	164876m	1.310	ng/ul	
84) Chrysene	21.25	228	154554	1.323	ng/ul	99

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

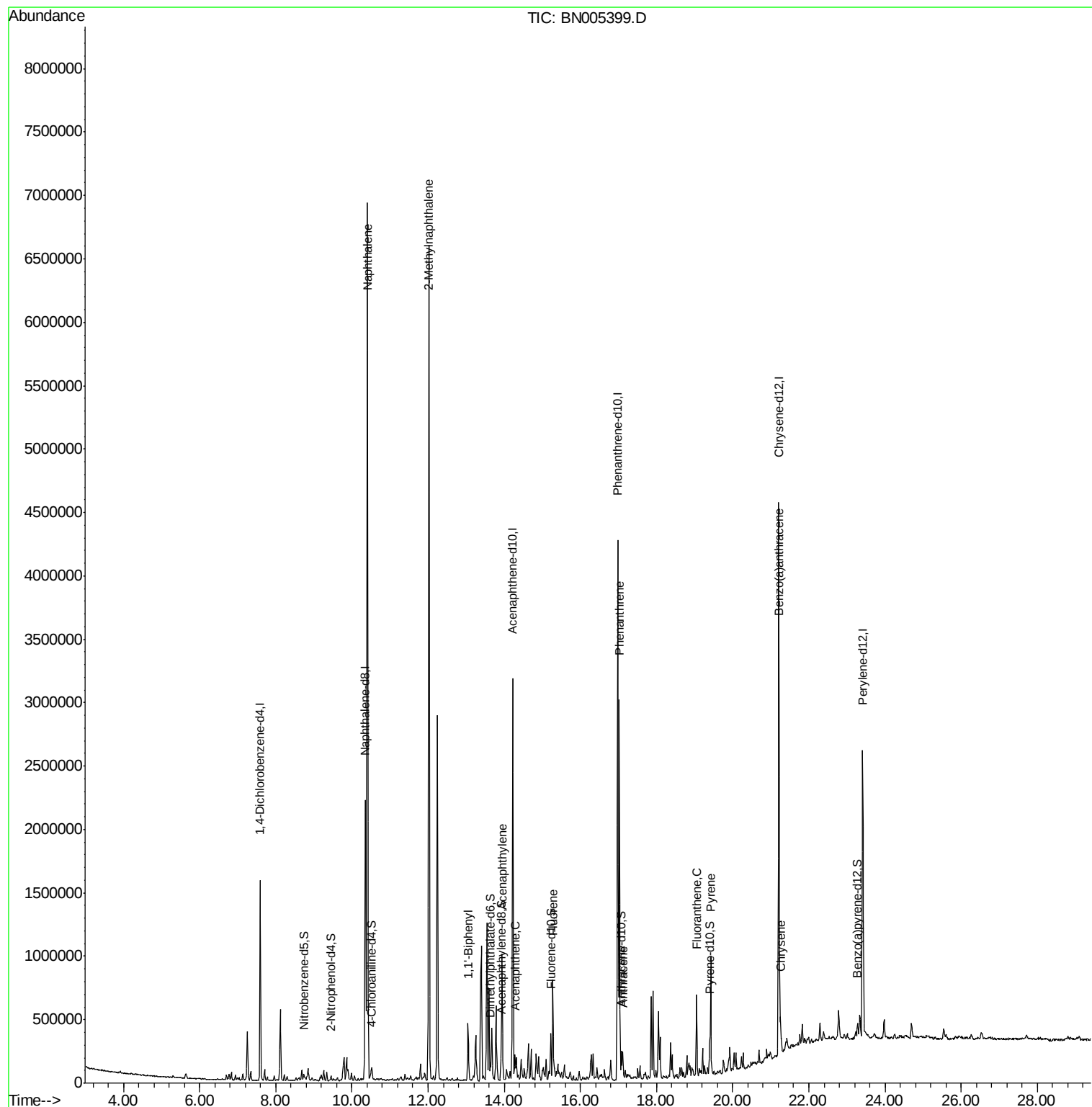
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN043019\
Data File : BN005399.D
Acq On : 01 May 2019 07:46
Operator : JU/SJ
Sample : K2455-02MEDL2 30X
Misc :
ALS Vial : 32 Sample Multiplier: 1

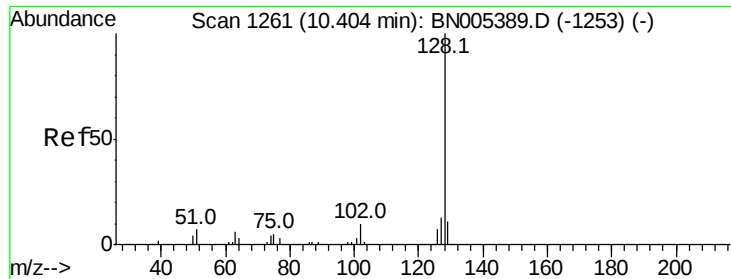
Instrument :
BNA_N
ClientSampleId :
GAHQ4MEDL2

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
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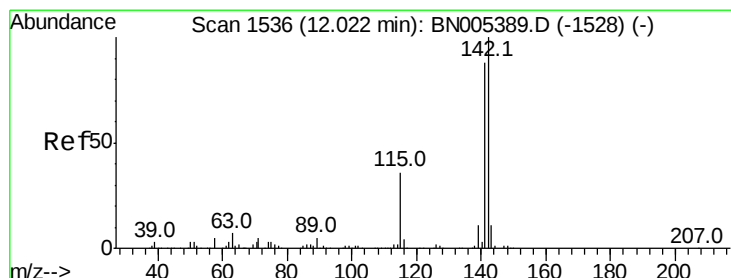
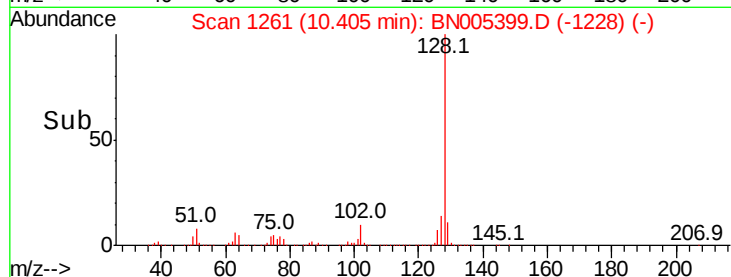
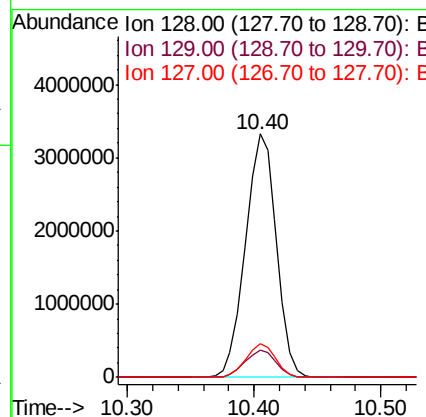
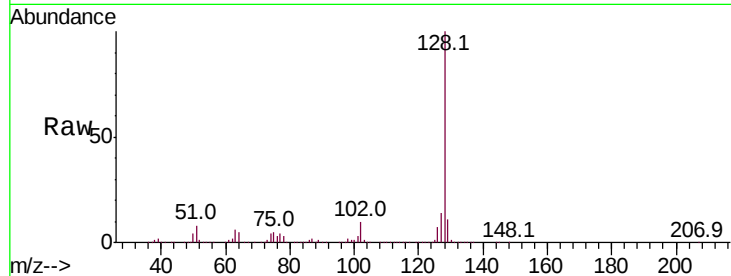
#28
Naphthalene
Concen: 68.102 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BN005399.D
Acq: 01 May 2019 07:46

Instrument :
BNA_N
ClientSampleId :
GAHQ4MEDL2

Tot Ion:128 Resp: 5611111
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.6 10.7 16.1

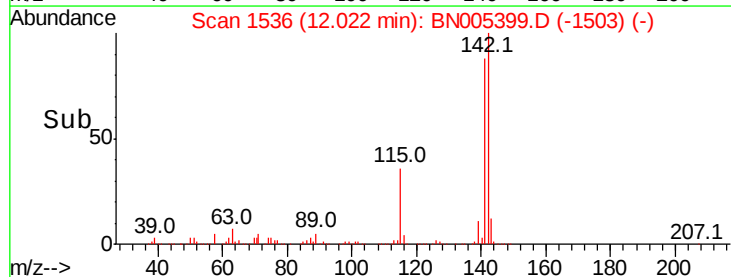
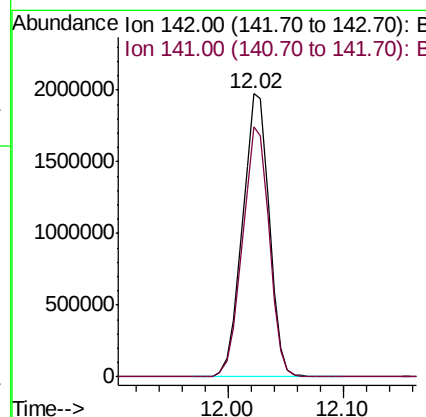
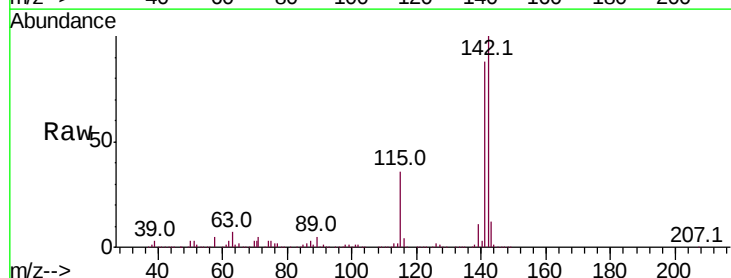
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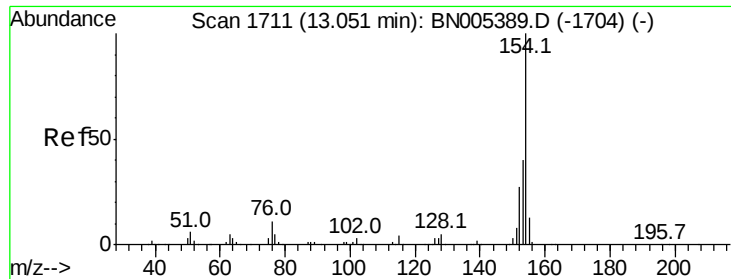
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#34
2-Methylnaphthalene
Concen: 52.609 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BN005399.D
Acq: 01 May 2019 07:46

Tgt Ion:142 Resp: 3173821
Ion Ratio Lower Upper
142 100
141 88.5 72.0 108.0





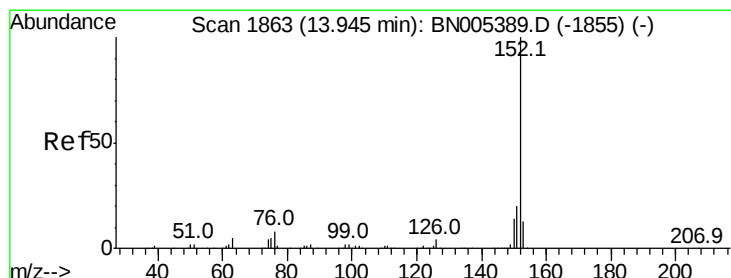
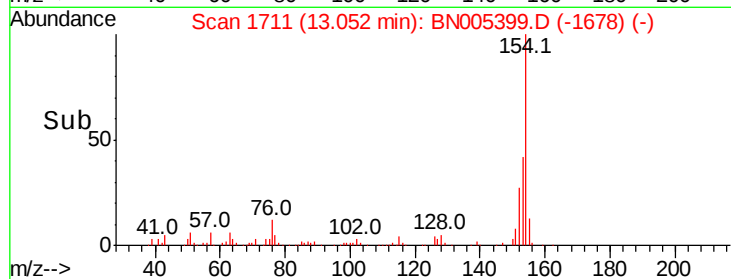
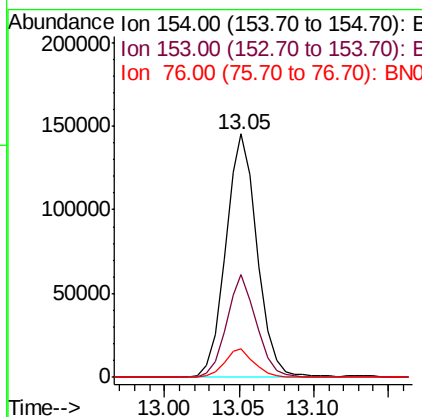
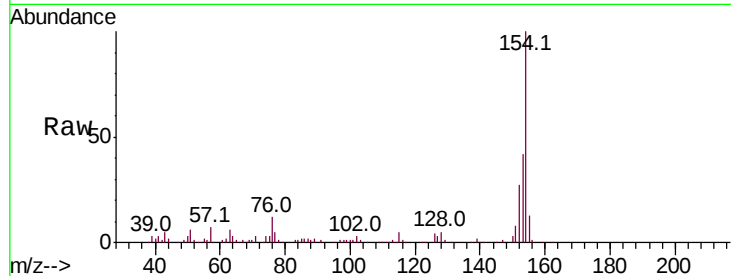
#40
 1,1'-Biphenyl
 Concen: 2.672 ng/ul
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BN005399.D
 Acq: 01 May 2019 07:46

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ4MEDL2

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.1	32.6	49.0
76	11.9	10.4	15.6

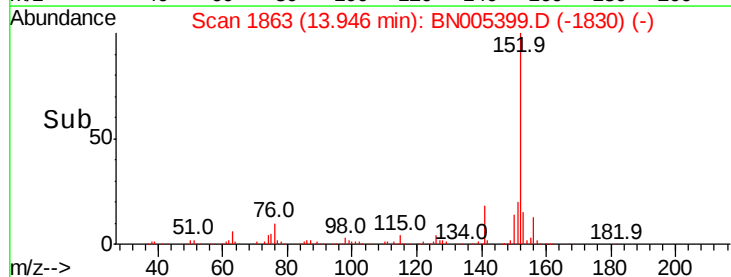
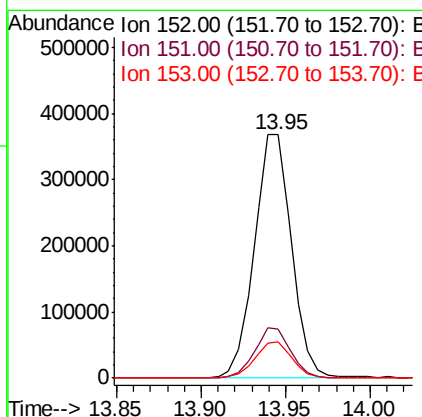
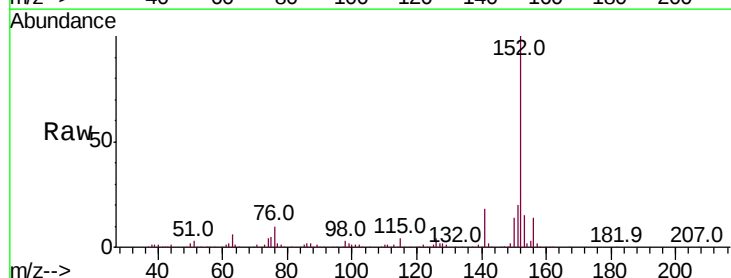
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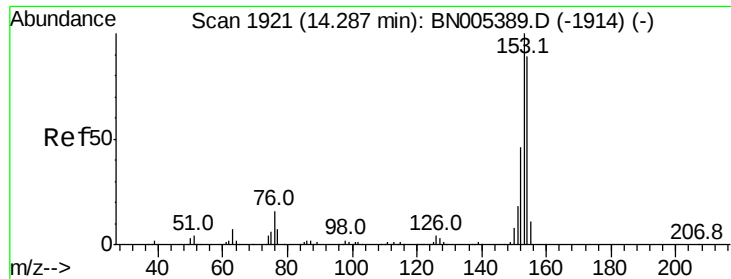
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#47
 Acenaphthylene
 Concen: 5.963 ng/ul
 RT: 13.95 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BN005399.D
 Acq: 01 May 2019 07:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	15.1	9.8	14.8#





#49

Acenaphthene

Concen: 1.077 ng/ul

RT: 14.29 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BN005399.D

Acq: 01 May 2019 07:46

Instrument :

BNA_N

ClientSampled :

GAHQ4MEDL2

Tot Ion:153 Resp: 69317

Ion Ratio Lower Upper

153 100

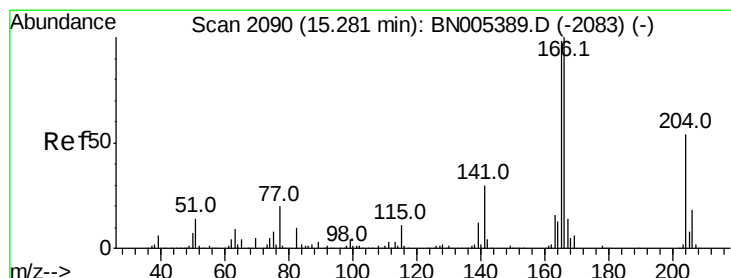
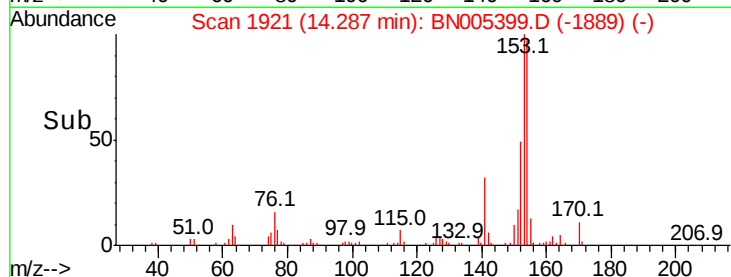
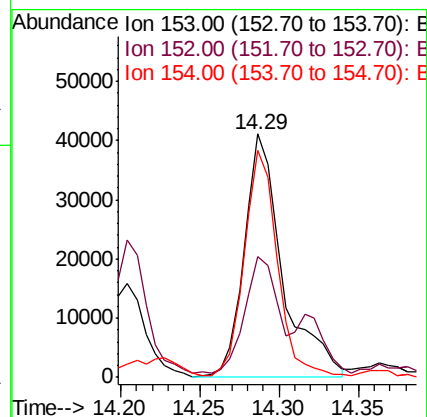
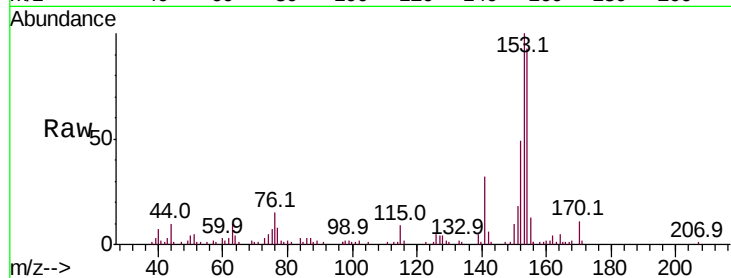
152 49.5 37.4 56.0

154 93.1 71.2 106.8

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#58

Fluorene

Concen: 5.021 ng/ul

RT: 15.28 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BN005399.D

Acq: 01 May 2019 07:46

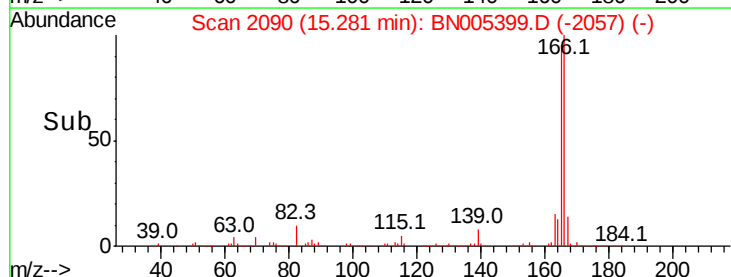
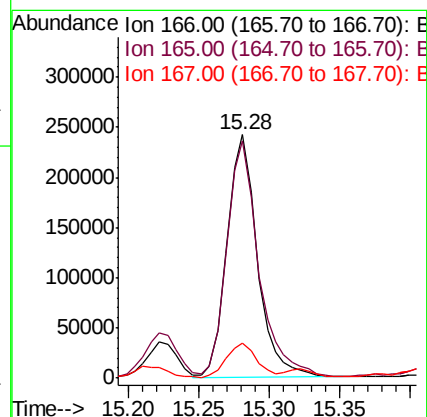
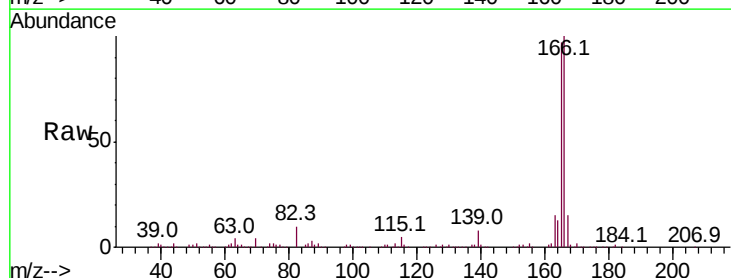
Tgt Ion:166 Resp: 363155

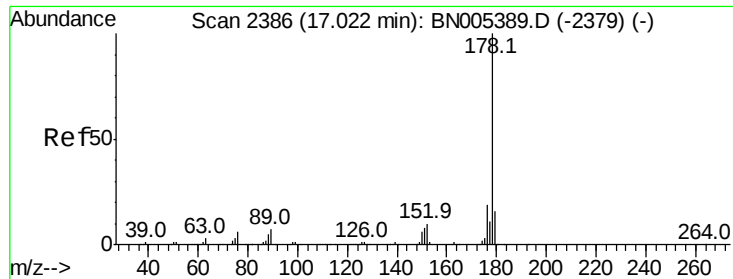
Ion Ratio Lower Upper

166 100

165 97.3 80.0 120.0

167 14.5 10.7 16.1





#69

Phenanthrene

Concen: 15.014 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN005399.D

Acq: 01 May 2019 07:46

Instrument :

BNA_N

ClientSampleId :

GAHQ4MEDL2

Tot Ion:178 Resp: 1794815

Ion Ratio Lower Upper

178 100

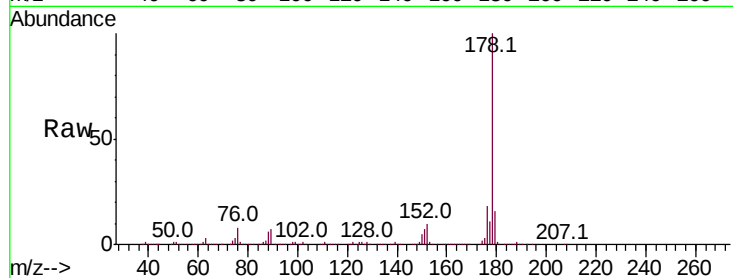
179 15.5 12.2 18.4

176 18.5 15.1 22.7

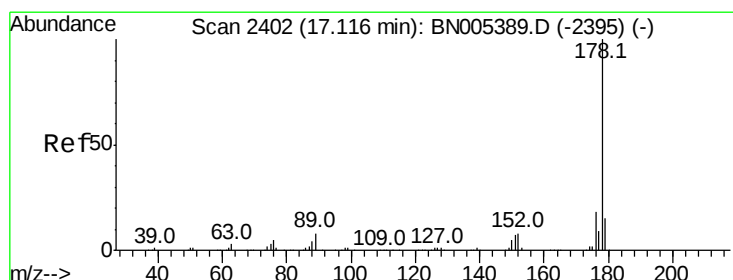
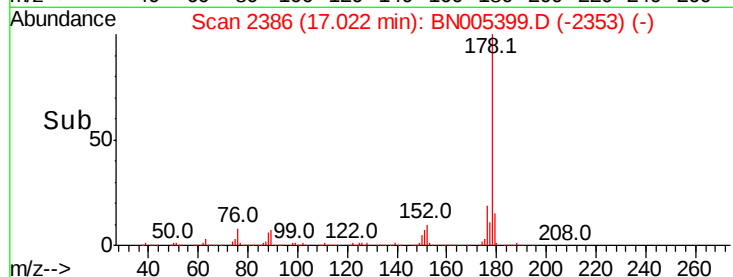
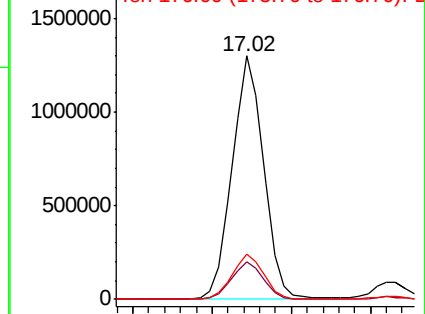
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 1.160 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BN005399.D

Acq: 01 May 2019 07:46

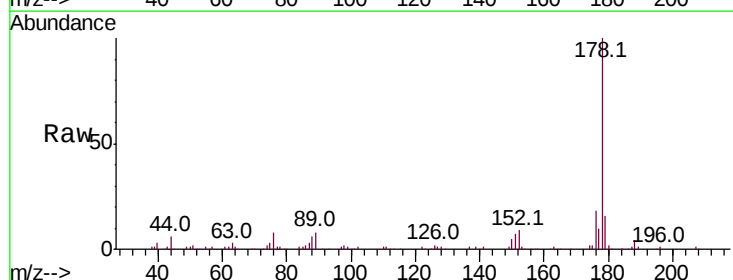
Tgt Ion:178 Resp: 141319

Ion Ratio Lower Upper

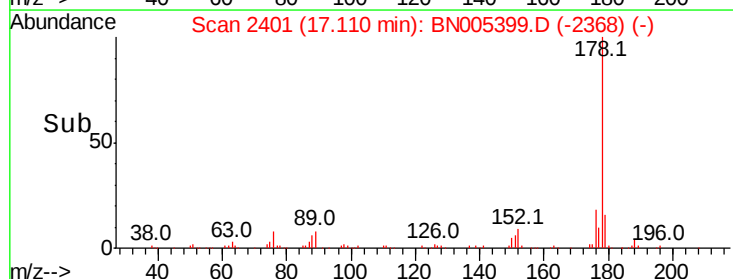
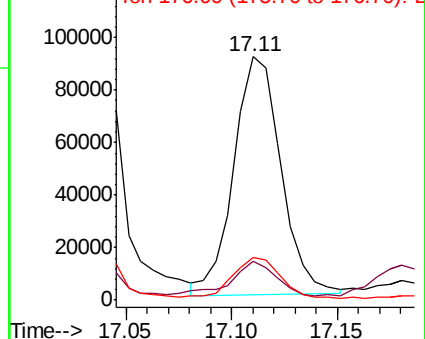
178 100

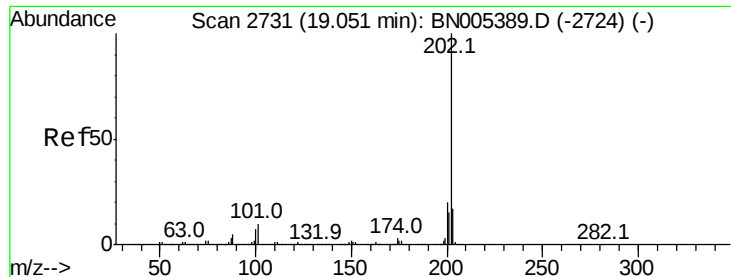
179 16.2 12.3 18.5

176 17.6 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





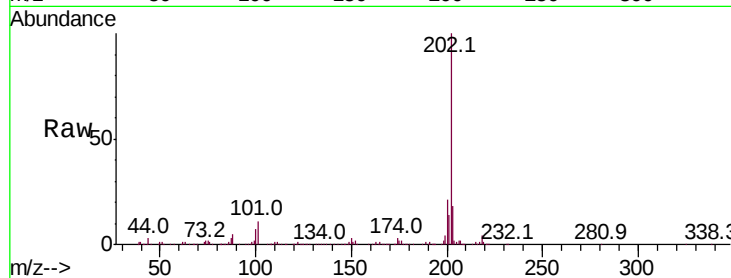
#76
Fluoranthene
Concen: 2.847 ng/ul
RT: 19.05 min Scan# 2731
Delta R.T. -0.01 min
Lab File: BN005399.D
Acq: 01 May 2019 07:46

Instrument :
BNA_N
ClientSampleId :
GAHQ4MEDL2

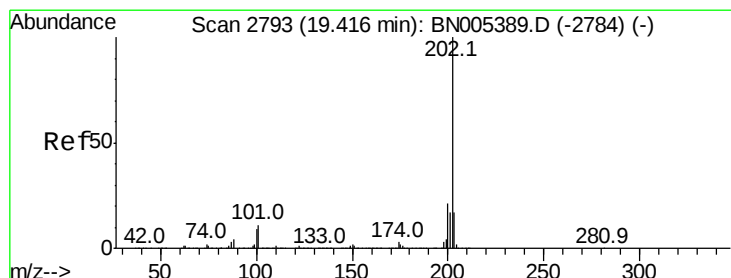
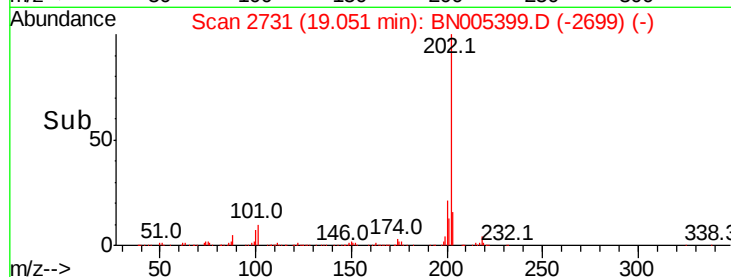
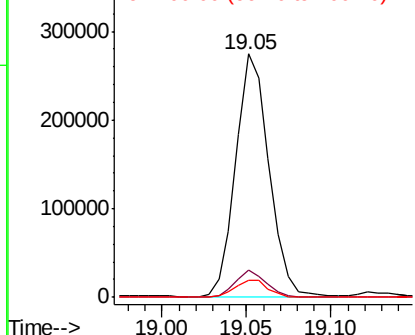
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	8.6	12.8
100	6.9	6.3	9.5

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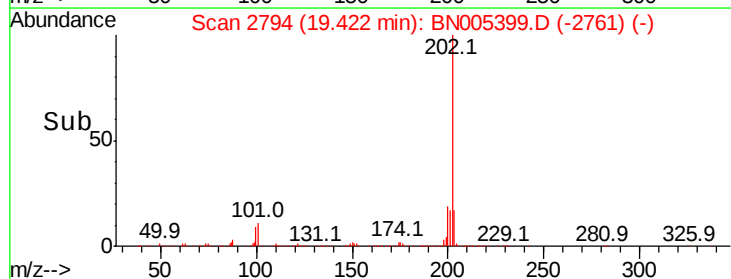
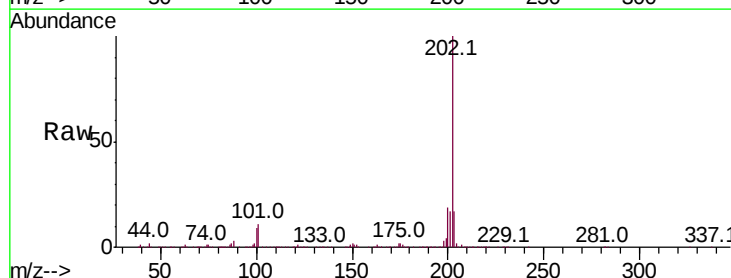
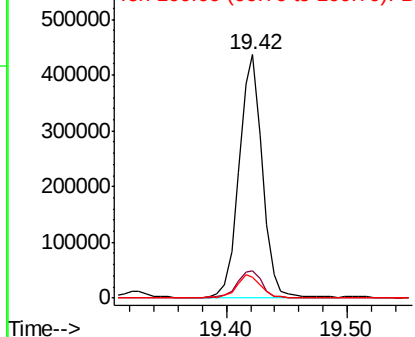
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

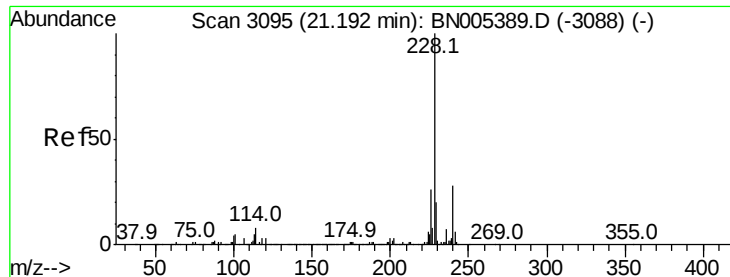


#79
Pyrene
Concen: 4.479 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BN005399.D
Acq: 01 May 2019 07:46

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	10.3	15.5
100	8.7	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





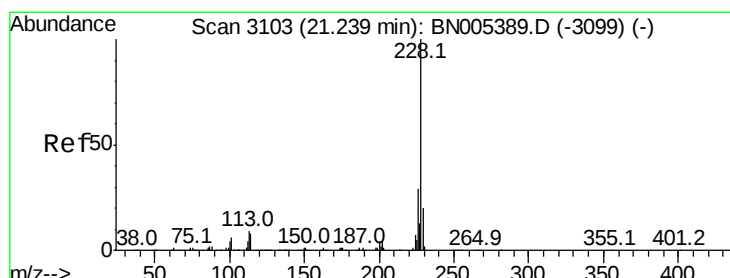
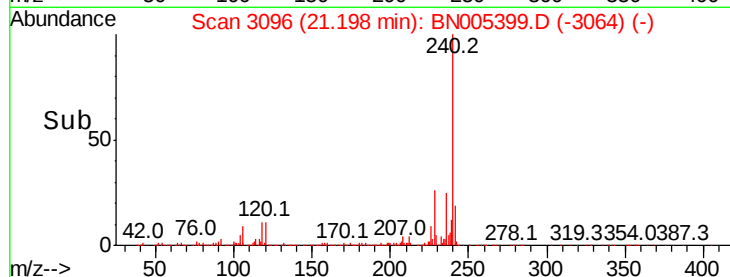
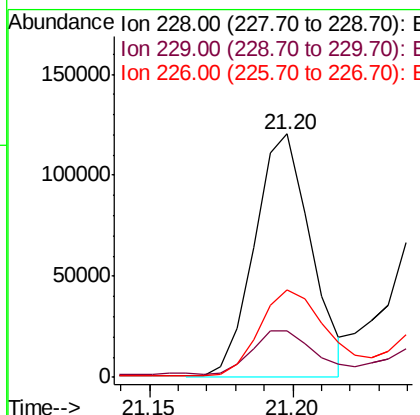
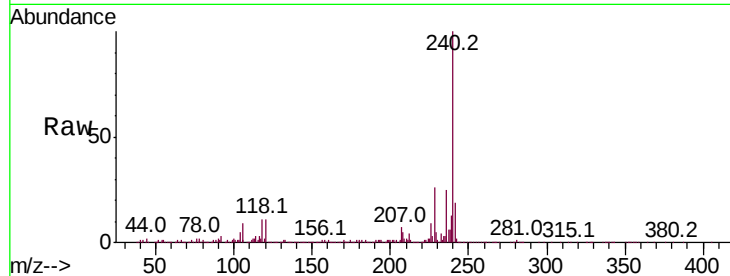
#82
Benzo(a)anthracene
Concen: 1.310 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BN005399.D
Acq: 01 May 2019 07:46

Instrument :
BNA_N
ClientSampleId :
GAHQ4MEDL2

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.8	23.6
226	35.9	21.4	32.2

Manual Integrations
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#84
Chrysene
Concen: 1.323 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN005399.D
Acq: 01 May 2019 07:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	20.2	15.4	23.0

