

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
 Data File : BN005440.D
 Acq On : 03 May 2019 05:56
 Operator : JU/SJ
 Sample : K2603-11 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ63

Manual Integrations
 APPROVED

mohammad
 5/13/2019 10:25:54 AM

Quant Time: May 06 06:55:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	309924	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1360961	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	845236	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1882430m	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1623272	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	1626180	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	2099	0.33	ng/uL	0.00
5) Phenol-d5	6.78	99	42807	1.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	26051m	1.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	35244	1.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	35556	1.87	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	18928m	2.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	19269	2.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	30628m	1.57	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	36966	1.84	ng/ul	0.01
43) Dimethylphthalate-d6	13.64	166	133139	2.17	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	160779	2.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	11738m	1.21	ng/ul	0.03
57) Fluorene-d10	15.22	176	120128	2.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	9326m	1.10	ng/ul	0.00
70) Anthracene-d10	17.07	188	198436	2.51	ng/ul	0.00
78) Pyrene-d10	19.39	212	210043	2.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	166244	2.34	ng/ul	-0.01

Target Compounds

					Ovalue	
47) Acenaphthylene	13.94	152	249038	3.363	ng/ul	99
76) Fluoranthene	19.05	202	669246m	6.581	ng/ul	
79) Pyrene	19.42	202	1888107	18.065	ng/ul#	94
82) Benzo(a)anthracene	21.19	228	464518m	4.600	ng/ul	
84) Chrysene	21.25	228	275798	2.943	ng/ul	97
87) Benzo(b)fluoranthene	22.76	252	846041m	9.255	ng/ul	
88) Benzo(k)fluoranthene	22.78	252	341839m	3.916	ng/ul	
90) Benzo(a)pyrene	23.32	252	891803	10.379	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.59	276	431350	4.541	ng/ul#	93
92) Dibenzo(a,h)anthracene	25.59	278	124967m	1.550	ng/ul	
93) Benzo(g,h,i)perylene	26.25	276	432682	5.508	ng/ul	93

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

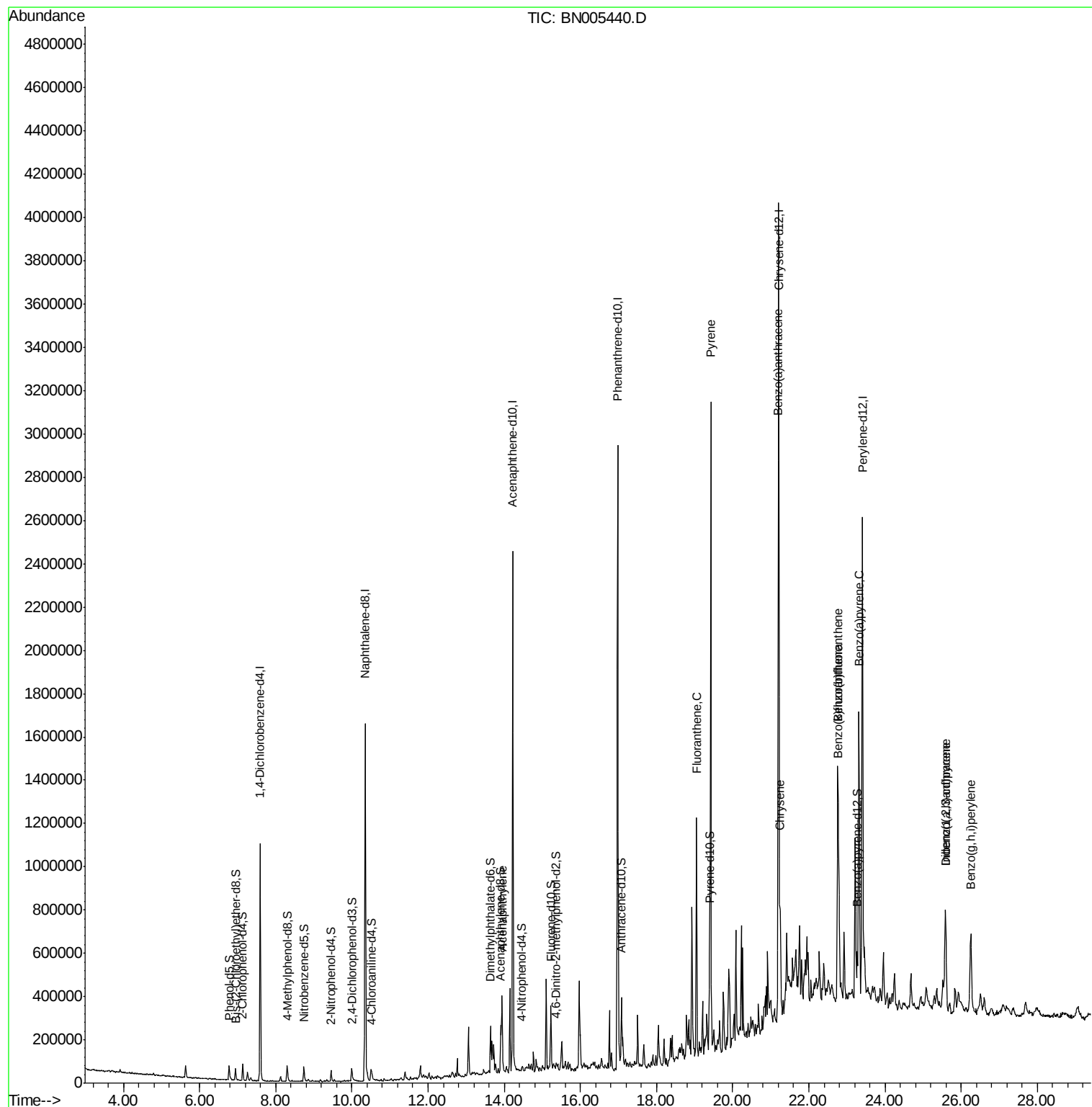
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005440.D
Acq On : 03 May 2019 05:56
Operator : JU/SJ
Sample : K2603-11 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

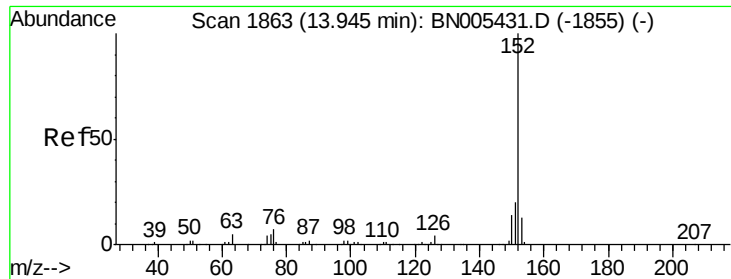
Instrument :
BNA_N
ClientSampleId :
GAJ63

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Quant Time: May 06 06:55:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration





#47

Acenaphthylene

Concen: 3.363 ng/ul

RT: 13.94 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BN005440.D

Acq: 03 May 2019 05:56

Instrument :

BNA_N

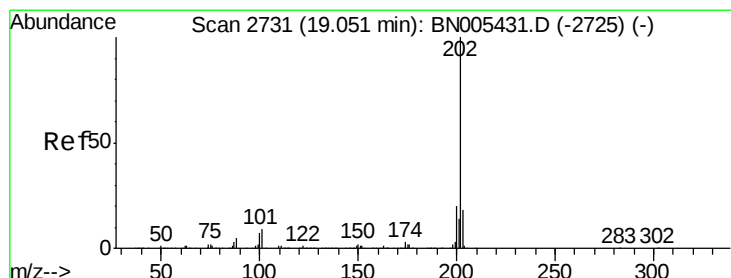
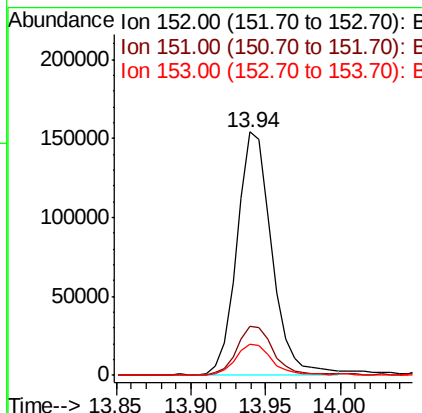
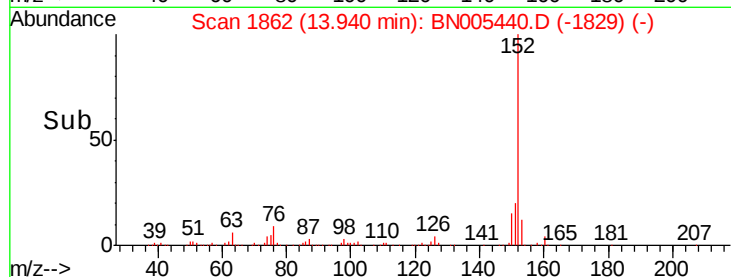
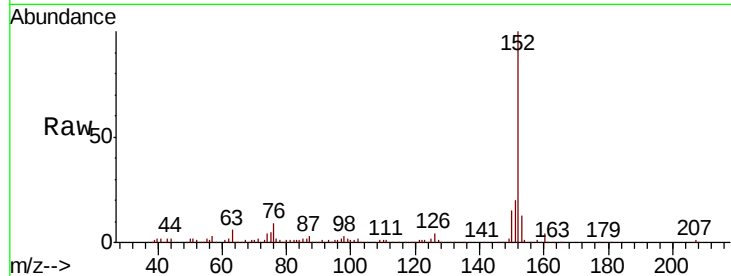
ClientSampleId :

GAJ63

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	12.7	9.8	14.8

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#76

Fluoranthene

Concen: 6.581 ng/ul m

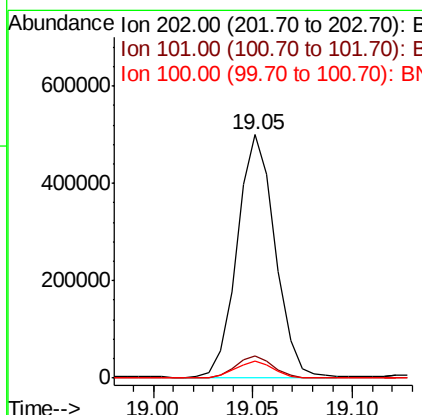
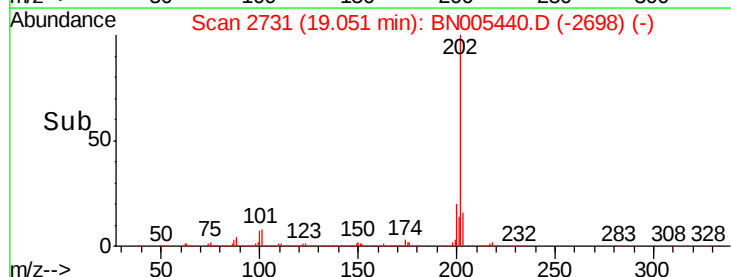
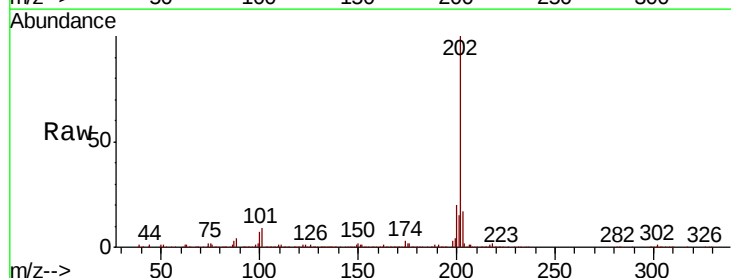
RT: 19.05 min Scan# 2731

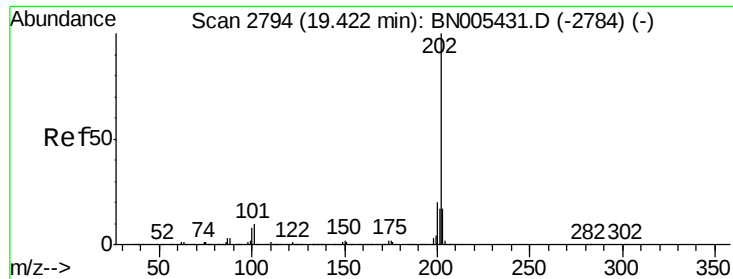
Delta R.T. -0.01 min

Lab File: BN005440.D

Acq: 03 May 2019 05:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	8.6	12.8
100	6.9	6.3	9.5





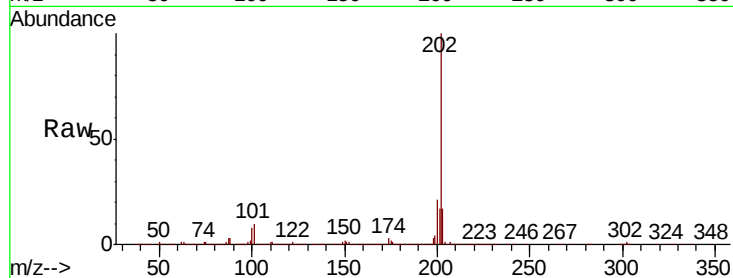
#79
Pvrene
Concen: 18.065 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. 0.00 min
Lab File: BN005440.D
Acq: 03 May 2019 05:56

Instrument :
BNA_N
ClientSampleId :
GAJ63

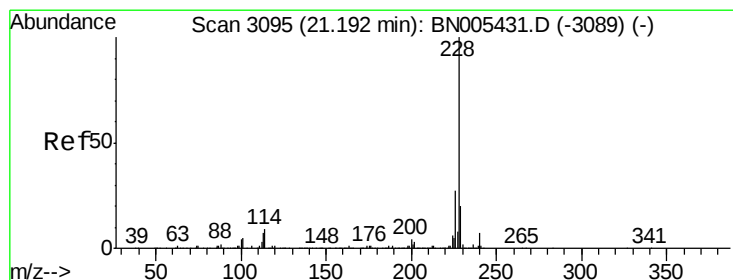
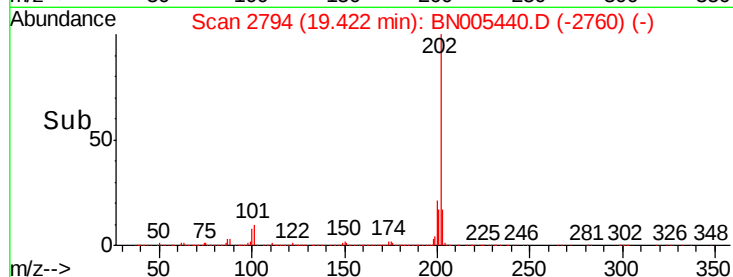
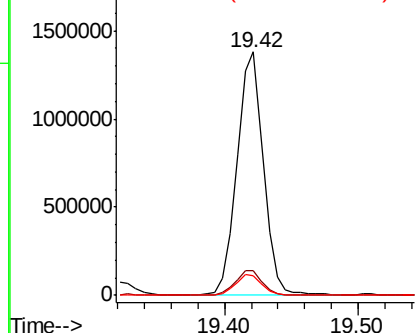
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	10.3	15.5#
100	8.3	7.9	11.9

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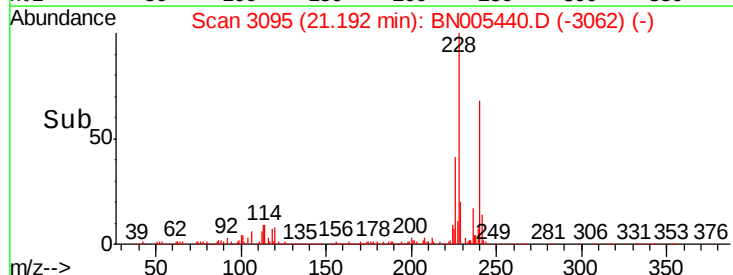
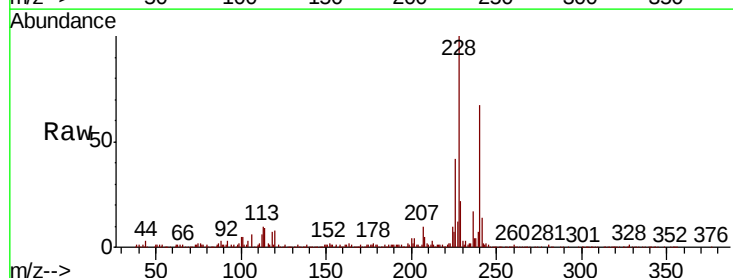
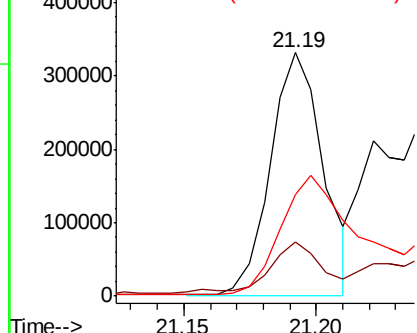
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

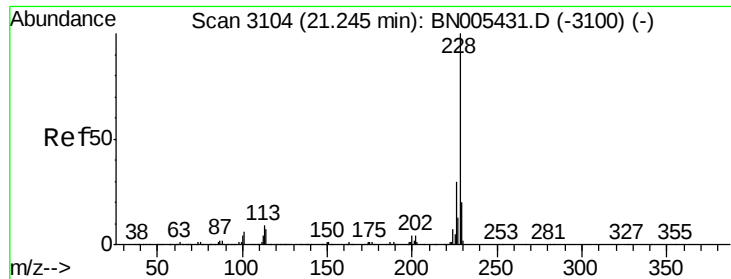


#82
Benzo(a)anthracene
Concen: 4.600 ng/ul m
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN005440.D
Acq: 03 May 2019 05:56

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.8	23.6
226	41.7	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: 2.943 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN005440.D

Acq: 03 May 2019 05:56

Instrument :

BNA_N

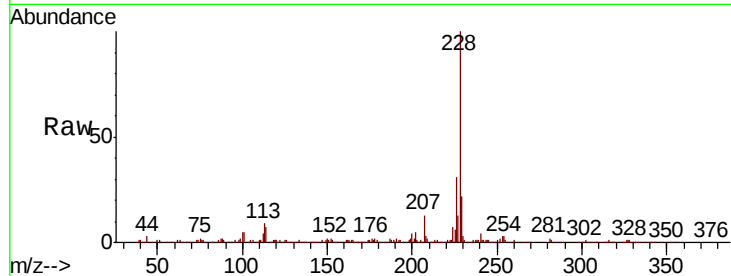
ClientSampled :

GAJ63

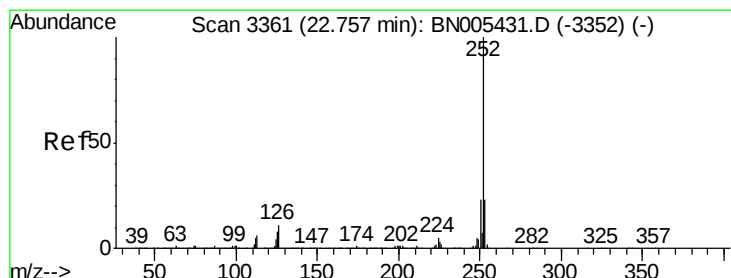
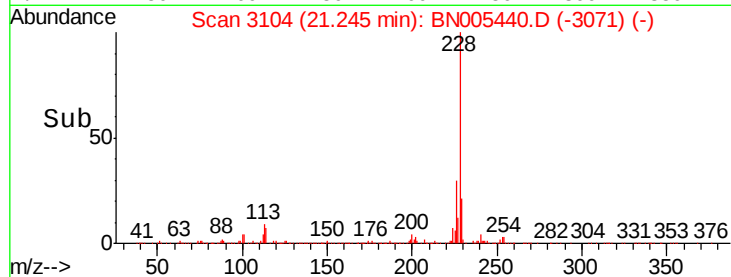
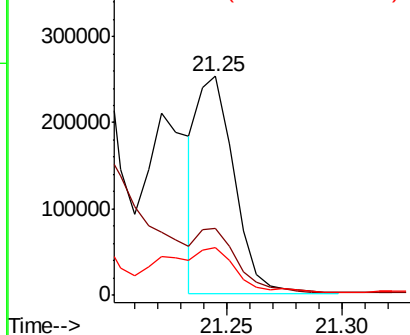
Tot Ion:	228	Resp:	275798
Ion Ratio		Lower	Upper
228	100		
226	30.7	24.0	36.0
229	21.6	15.4	23.0

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



#87

Benzo(b)fluoranthene

Concen: 9.255 ng/ul m

RT: 22.76 min Scan# 3361

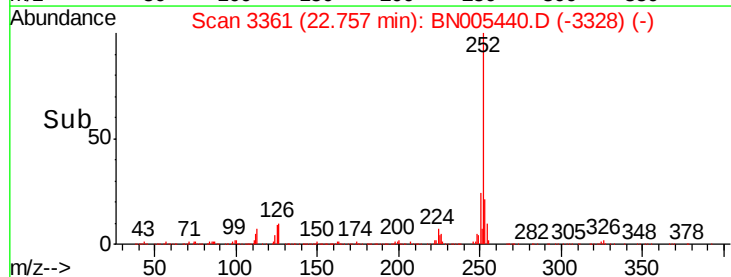
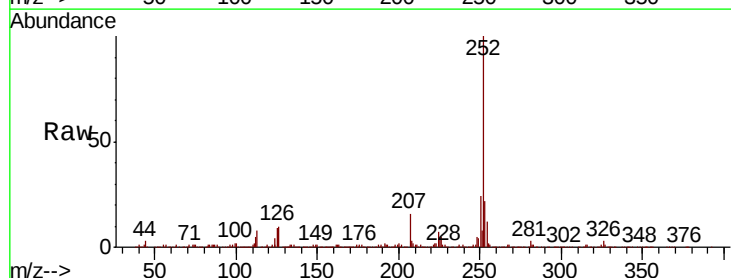
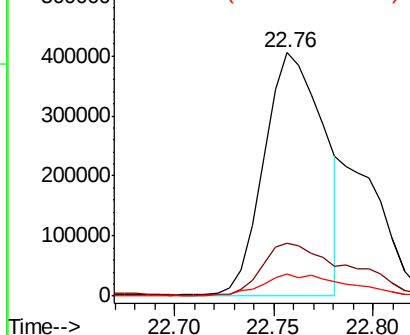
Delta R.T. -0.01 min

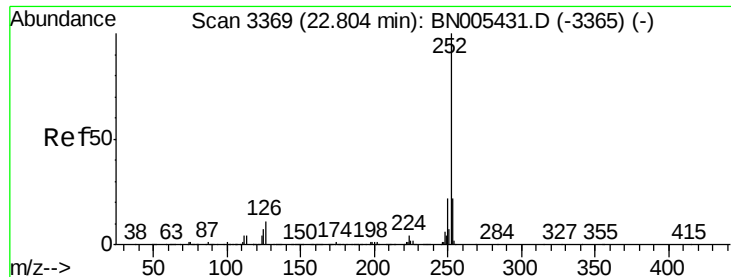
Lab File: BN005440.D

Acq: 03 May 2019 05:56

Tgt Ion:	252	Resp:	846041
Ion Ratio		Lower	Upper
252	100		
253	21.6	17.7	26.5
125	9.0	8.4	12.6

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





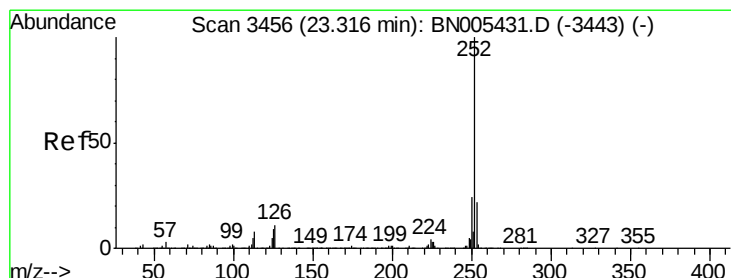
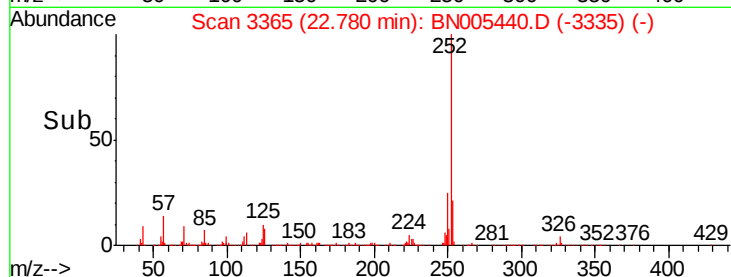
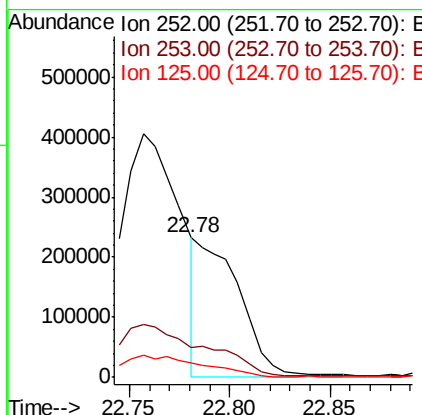
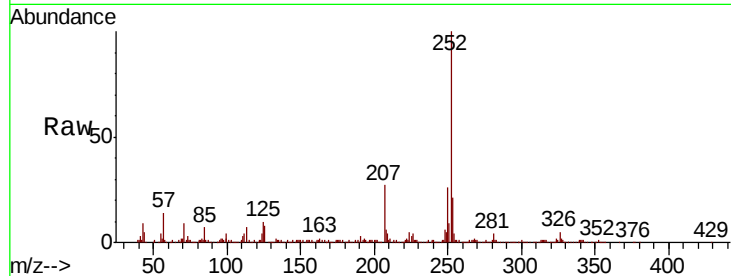
#88
Benzo(k)fluoranthene
Concen: 3.916 ng/ul m
RT: 22.78 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BN005440.D
Acq: 03 May 2019 05:56

Instrument :
BNA_N
ClientSampled :
GAJ63

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	10.2	7.5	11.3

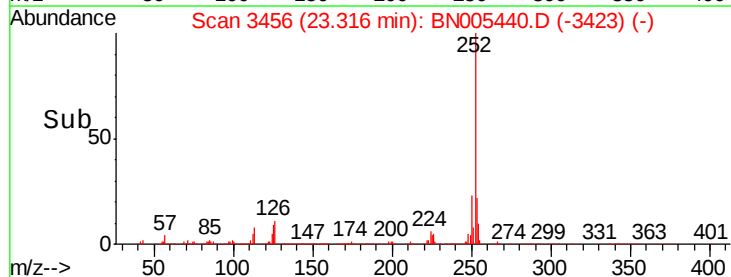
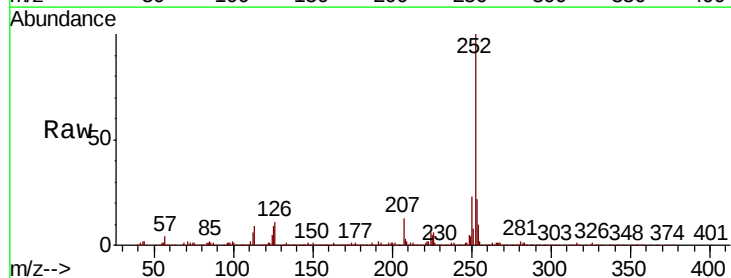
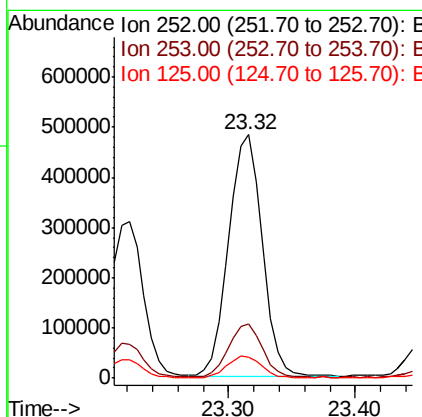
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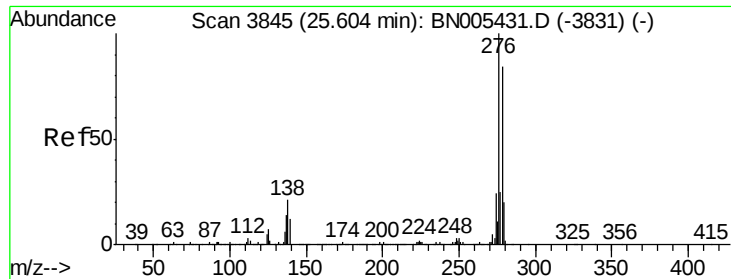
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#90
Benzo(a)pyrene
Concen: 10.379 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BN005440.D
Acq: 03 May 2019 05:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	8.7	8.6	13.0





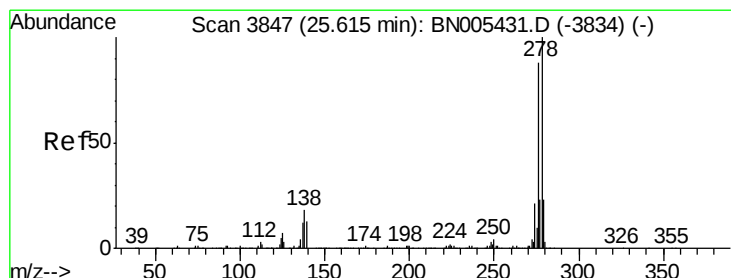
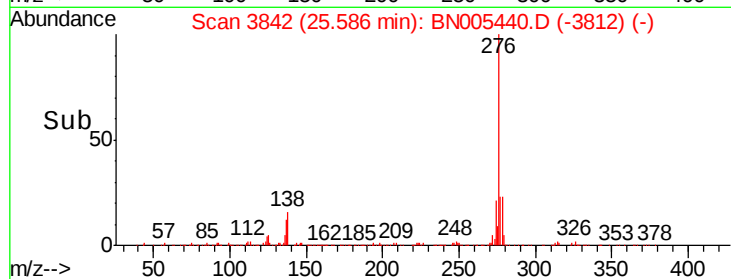
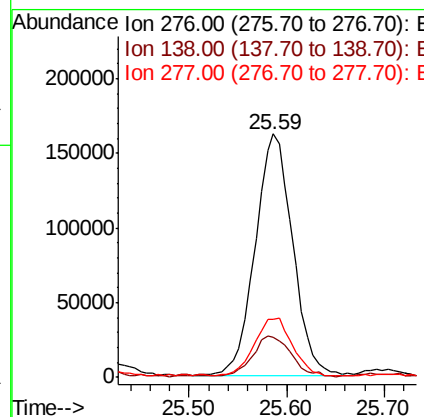
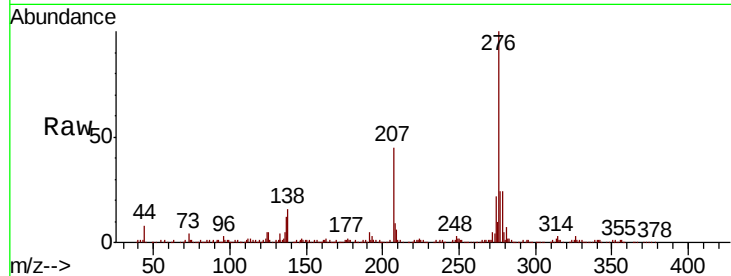
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 4.541 ng/ul
 RT: 25.59 min Scan# 3842
 Delta R.T. -0.02 min
 Lab File: BN005440.D
 Acq: 03 May 2019 05:56

Instrument :
 BNA_N
 ClientSampleId :
 GAJ63

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.3	17.9	26.9#
277	23.6	19.7	29.5

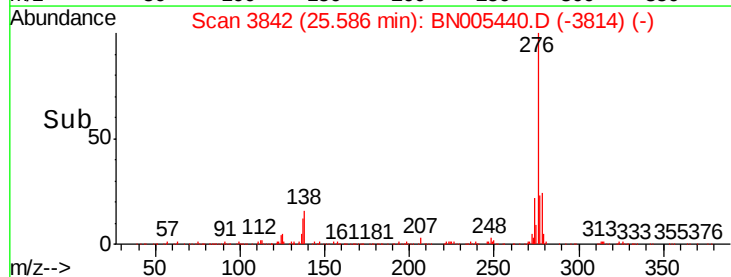
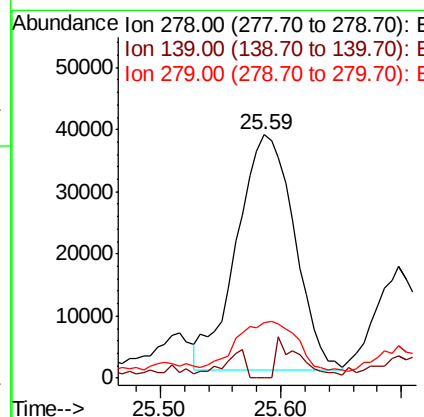
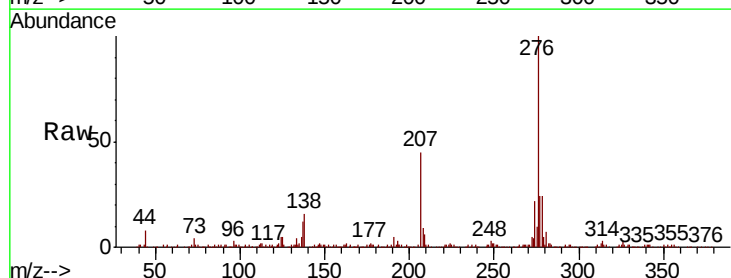
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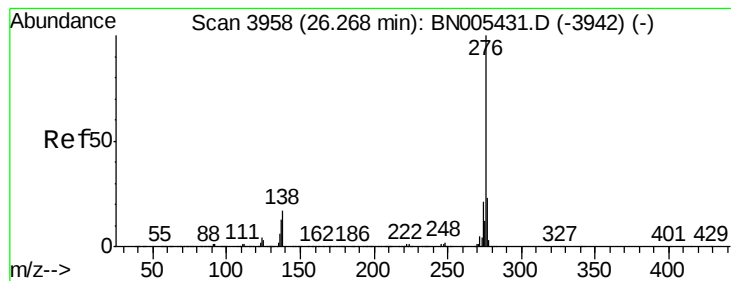
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#92
 Dibenzo(a,h)anthracene
 Concen: 1.550 ng/ul m
 RT: 25.59 min Scan# 3842
 Delta R.T. -0.04 min
 Lab File: BN005440.D
 Acq: 03 May 2019 05:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.1	19.7#
279	22.7	19.4	29.0





#93

Benzo(a,h,i)perylene

Concen: 5.508 ng/ul

RT: 26.25 min Scan# 3955

Delta R.T. -0.03 min

Lab File: BN005440.D

Acq: 03 May 2019 05:56

Instrument :

BNA_N

ClientSampleId :

GAJ63

Tot Ion:	276	Resp:	432682
Ion Ratio	Lower	Upper	
276	100		
138	17.7	16.7	25.1
277	25.7	18.2	27.2

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