

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
 Data File : BN005457.D
 Acq On : 03 May 2019 18:11
 Operator : JU/SJ
 Sample : K2604-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ83

Manual Integrations
 APPROVED

mohammad
 5/7/2019 8:21:13 AM

Quant Time: May 04 01:35:57 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	305266	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1351885	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	868320	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2023485m	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1770455	20.00	ng/ul	-0.01
85) Perylene-d12	23.40	264	1646131	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	25346	4.01	ng/uL	0.00
5) Phenol-d5	6.78	99	543611	22.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	318785	21.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	441011	24.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	457577	24.41	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	237142	28.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	262183	31.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	467565	24.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	640426	32.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1626919	25.81	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1995513	25.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	234234	23.53	ng/ul	0.00
57) Fluorene-d10	15.22	176	1392127	26.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	192596m	21.16	ng/ul	0.00
70) Anthracene-d10	17.07	188	2184291	25.75	ng/ul	0.00
78) Pyrene-d10	19.39	212	2432293	26.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	1937166	26.93	ng/ul	-0.02

Target Compounds

						Ovalue
6) Phenol	6.80	94	37495	1.520	ng/ul	98
28) Naphthalene	10.40	128	779357	12.401	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	168931	3.671	ng/ul	99
44) Dimethylphthalate	13.69	163	360389	5.738	ng/ul	100
47) Acenaphthylene	13.94	152	199916	2.628	ng/ul	98
58) Fluorene	15.28	166	71078	1.218	ng/ul	97
69) Phenanthrene	17.02	178	344324m	3.494	ng/ul	
76) Fluoranthene	19.05	202	137124m	1.254	ng/ul	
79) Pvrene	19.42	202	201183	1.765	ng/ul	96

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

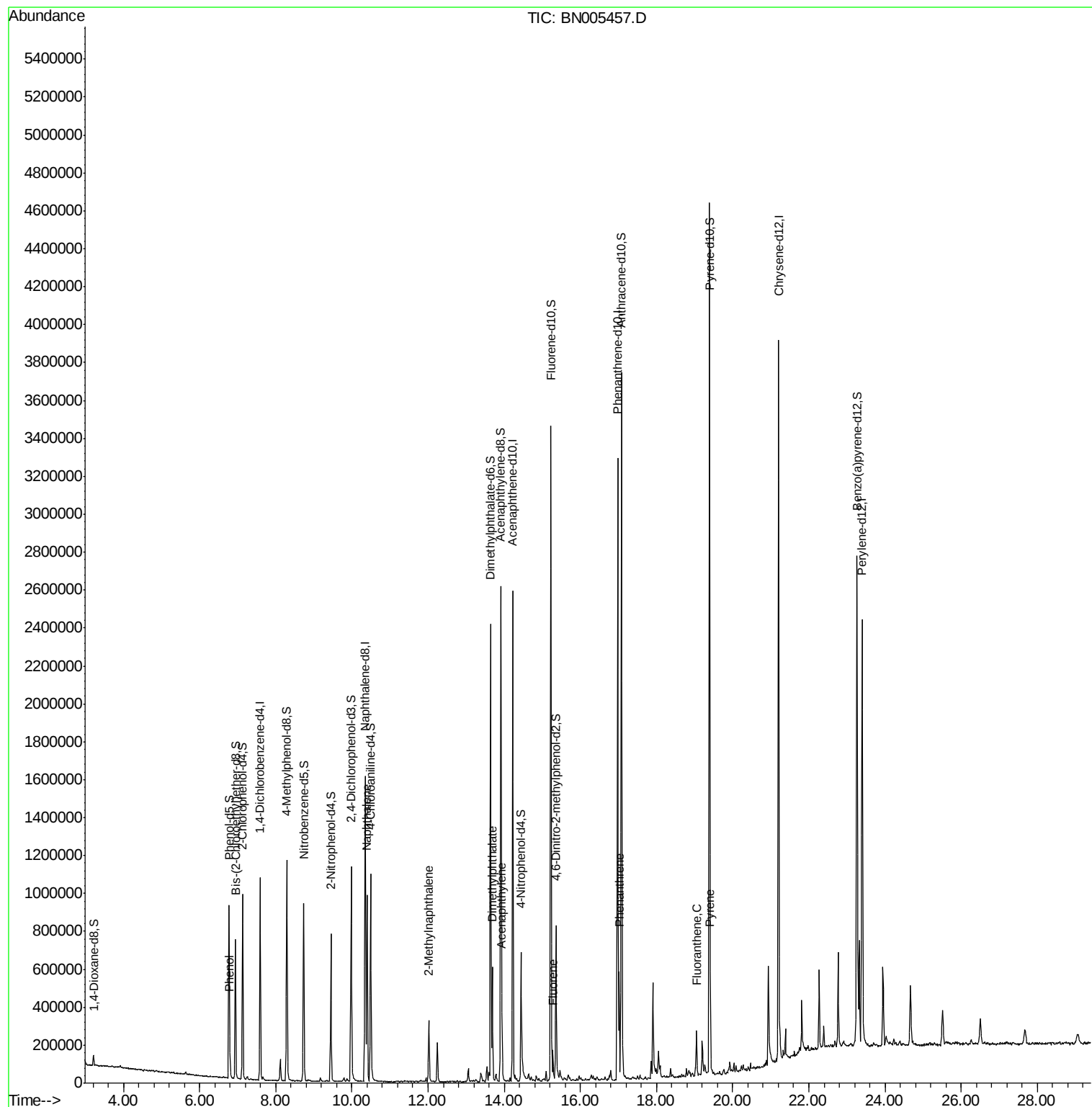
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
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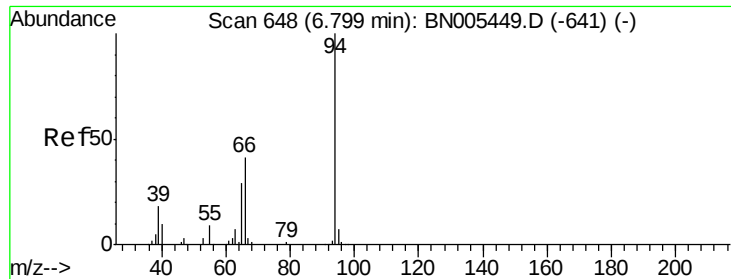
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BNA_N
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#6

Phenol

Concen: 1.520 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BN005457.D

Acq: 03 May 2019 18:11

Instrument :

BNA_N

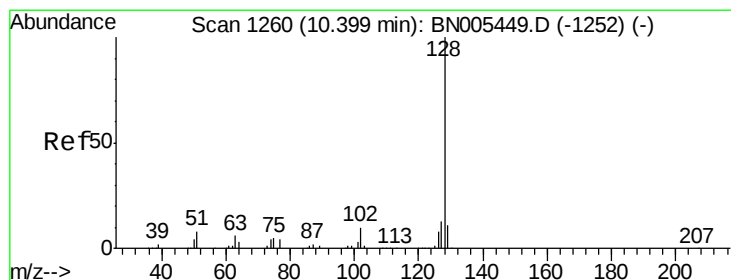
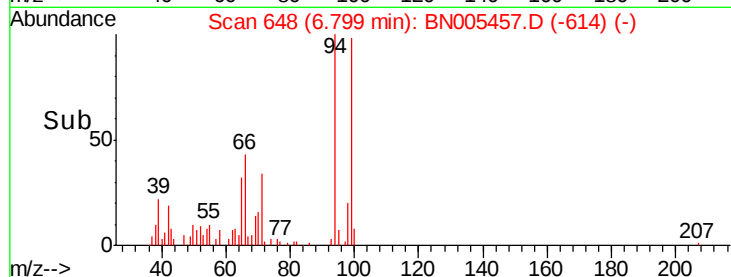
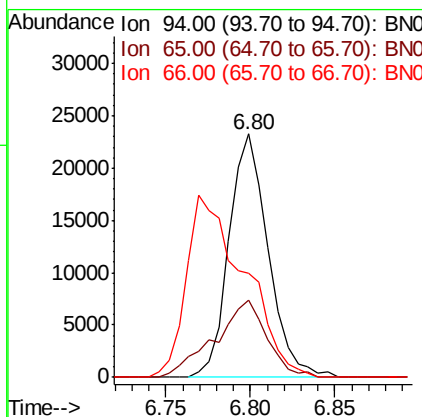
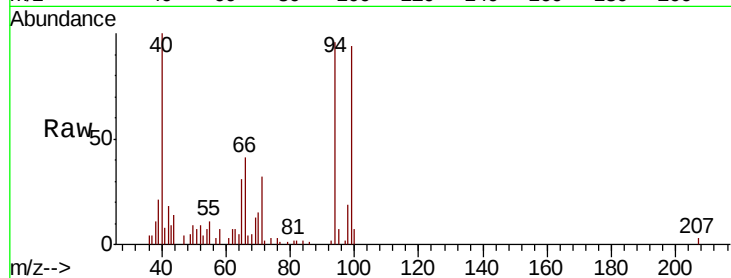
ClientSampleId :

GAJ83

Tot Ion:	94	Resp:	37495
Ion	Ratio	Lower	Upper
94	100		
65	31.9	24.2	36.4
66	42.8	33.8	50.6

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#28

Naphthalene

Concen: 12.401 ng/ul

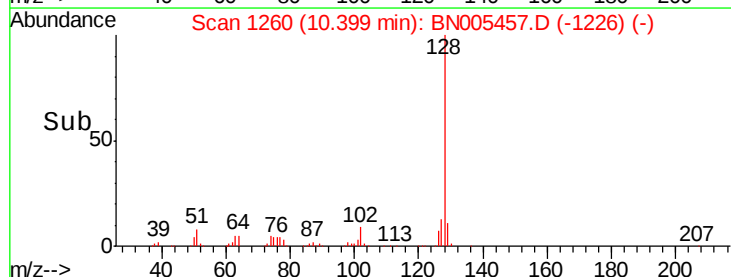
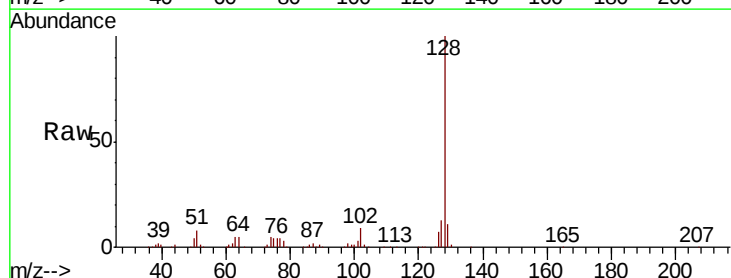
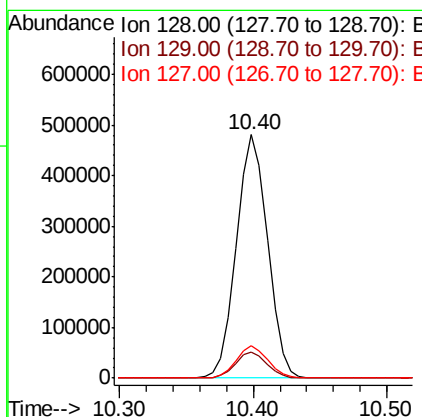
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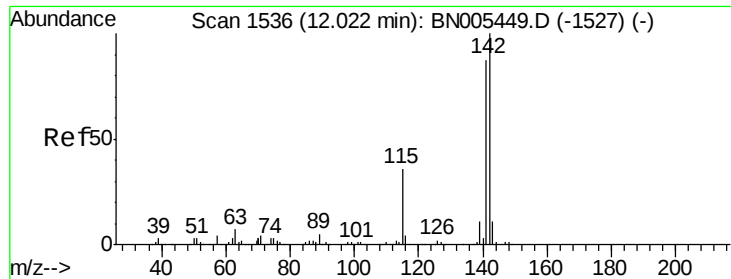
Delta R.T. 0.00 min

Lab File: BN005457.D

Acq: 03 May 2019 18:11

Tgt Ion:	128	Resp:	779357
Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.2	13.8
127	13.1	10.7	16.1





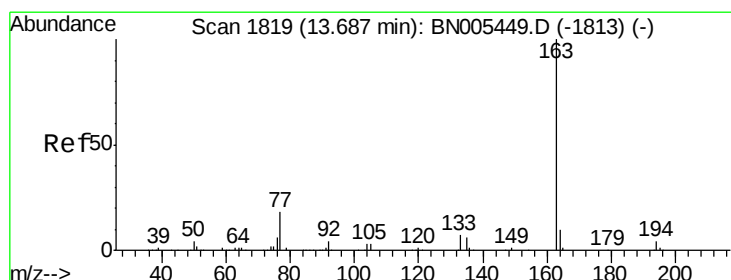
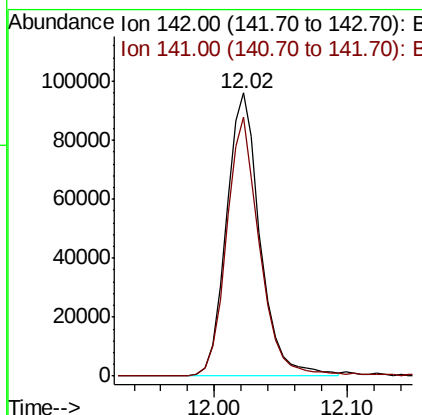
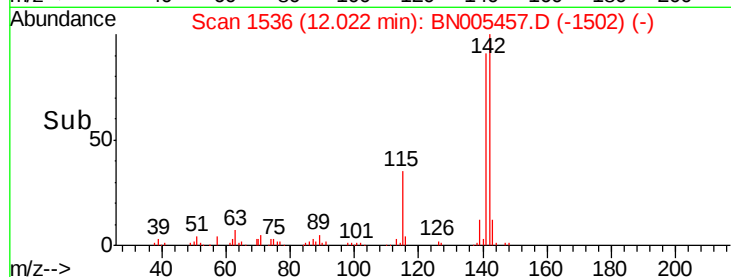
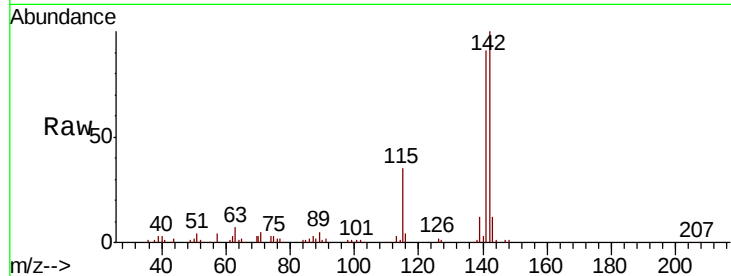
#34
 2-Methyl-naphthalene
 Concen: 3.671 ng/ul
 RT: 12.02 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BN005457.D
 Acq: 03 May 2019 18:11

Instrument :
 BNA_N
 ClientSampled :
 GAJ83

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.0	108.0

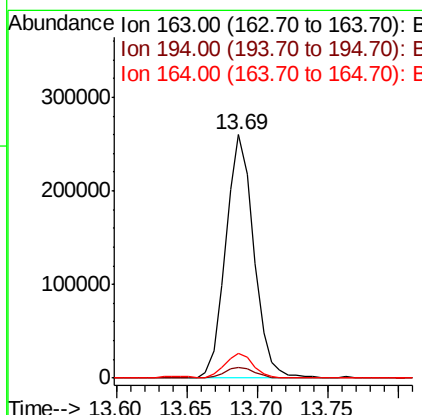
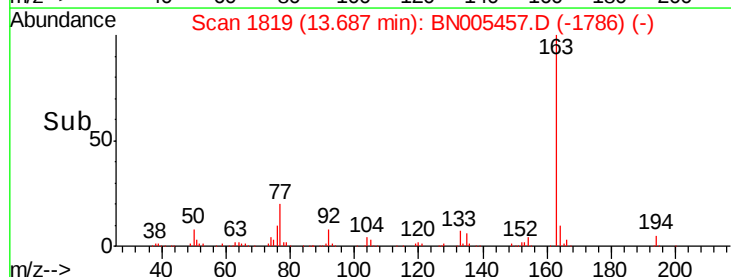
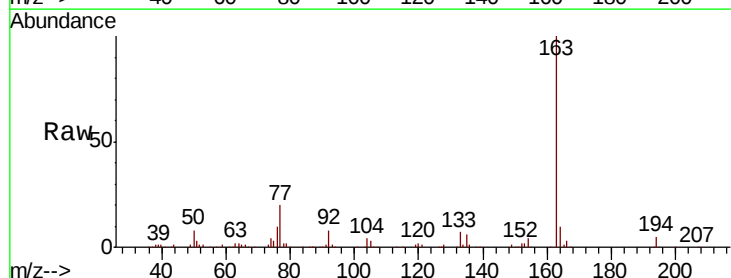
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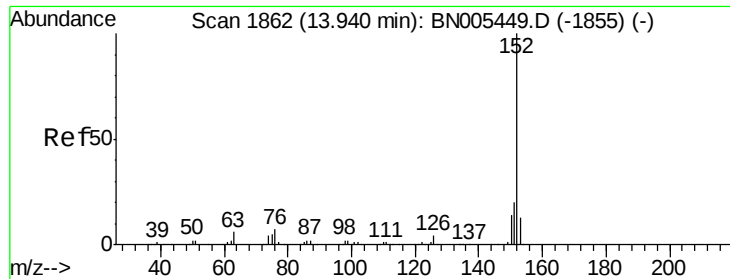
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#44
 Dimethylphthalate
 Concen: 5.738 ng/ul
 RT: 13.69 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BN005457.D
 Acq: 03 May 2019 18:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.0
164	10.1	8.1	12.1





#47

Acenaphthylene

Concen: 2.628 ng/ul

RT: 13.94 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BN005457.D

Acq: 03 May 2019 18:11

Instrument :

BNA_N

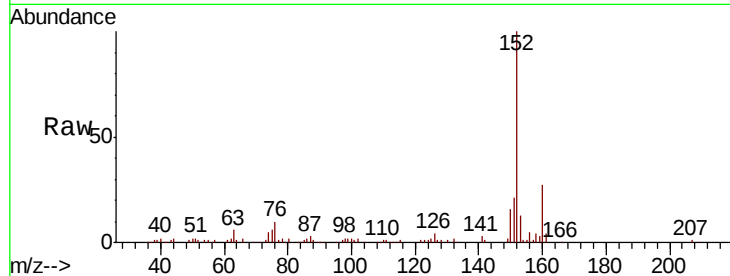
ClientSampleId :

GAJ83

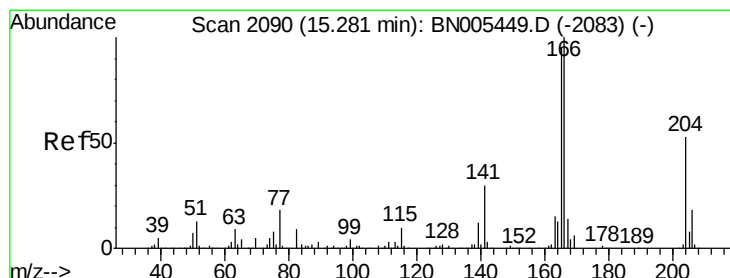
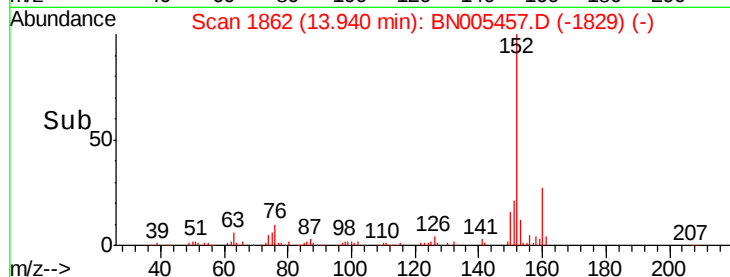
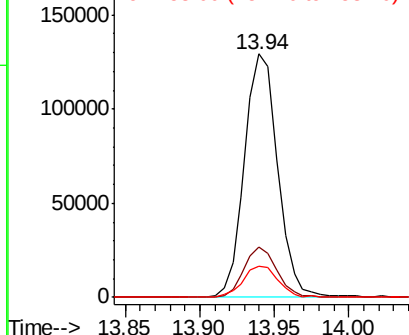
Tot Ion:	152	Resp:	199916
Ion Ratio		Lower	Upper
152	100		
151	20.8	15.8	23.8
153	12.6	9.8	14.8

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#58

Fluorene

Concen: 1.218 ng/ul

RT: 15.28 min Scan# 2090

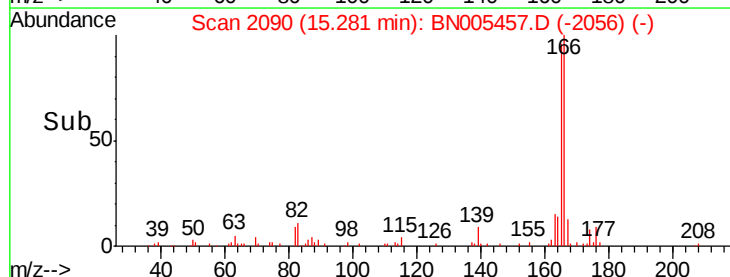
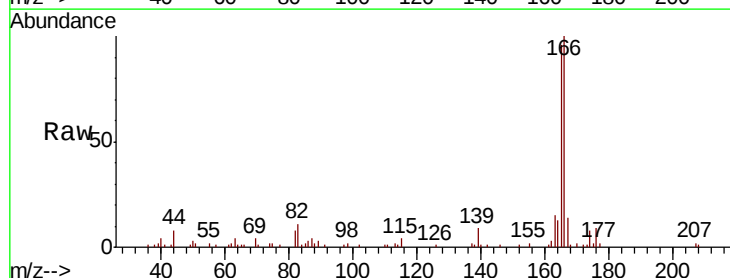
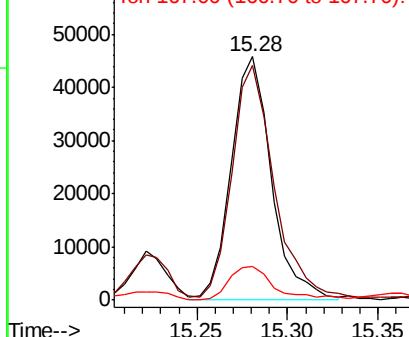
Delta R.T. 0.00 min

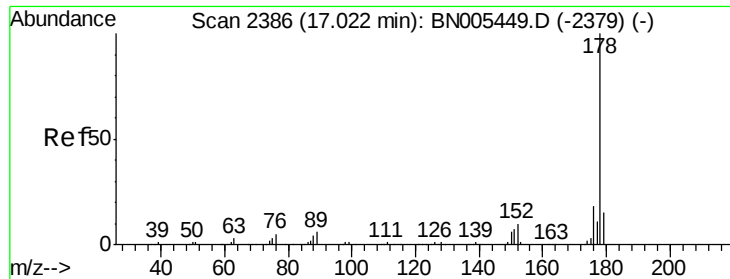
Lab File: BN005457.D

Acq: 03 May 2019 18:11

Tgt Ion:	166	Resp:	71078
Ion Ratio		Lower	Upper
166	100		
165	96.5	80.0	120.0
167	14.0	10.7	16.1

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 3.494 ng/ul m

RT: 17.02 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BN005457.D

Acq: 03 May 2019 18:11

Instrument :

BNA_N

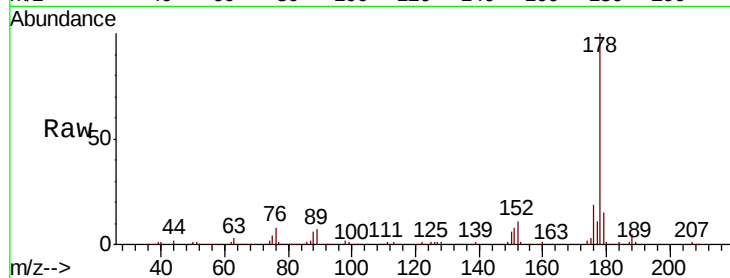
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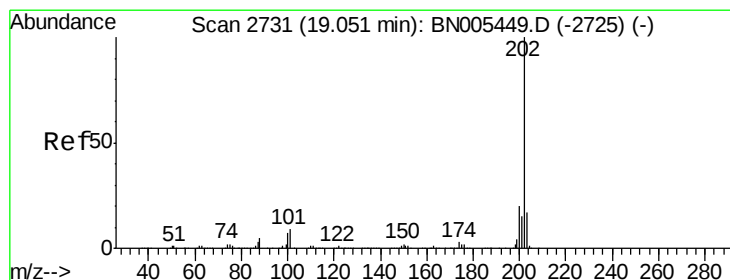
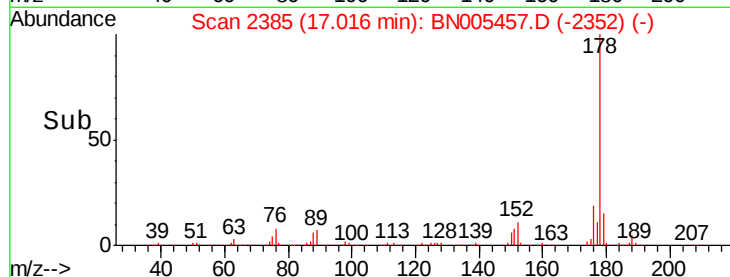
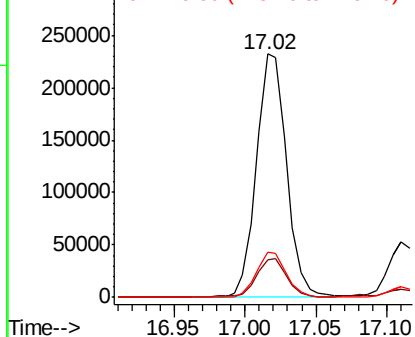
Tot Ion:	178	Resp:	344324
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.2	18.4
176	18.6	15.1	22.7

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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



#76

Fluoranthene

Concen: 1.254 ng/ul m

RT: 19.05 min Scan# 2731

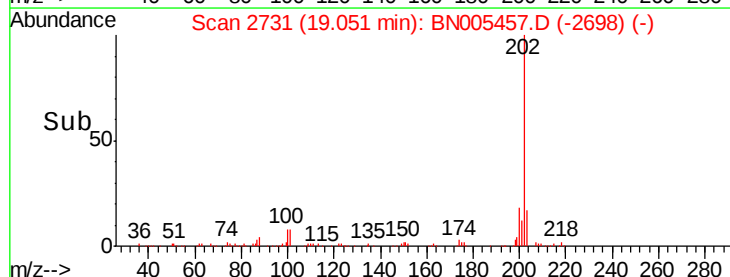
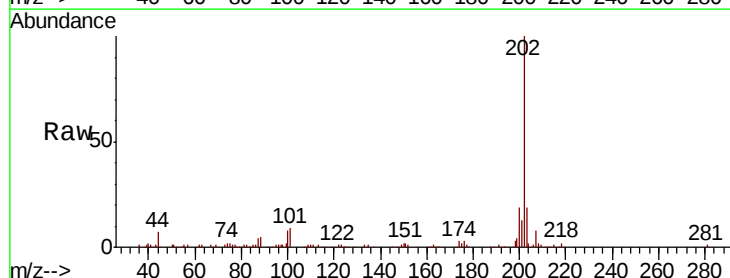
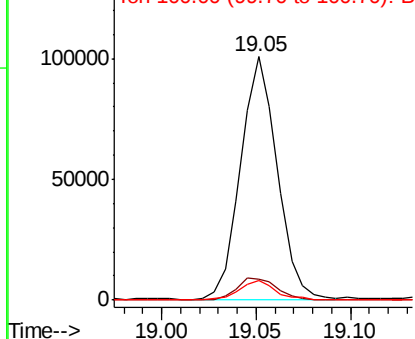
Delta R.T. -0.01 min

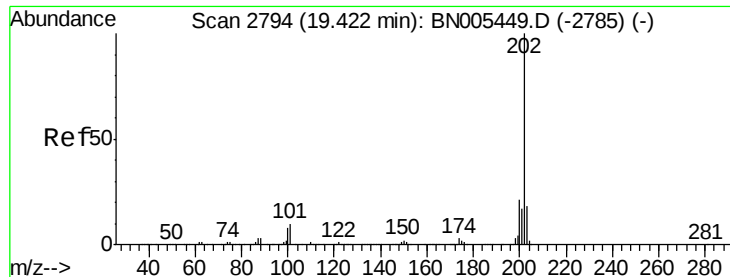
Lab File: BN005457.D

Acq: 03 May 2019 18:11

Tgt Ion:	202	Resp:	137124
Ion Ratio	Lower	Upper	
202	100		
101	8.8	8.6	12.8
100	7.9	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: 1.765 ng/ul
 RT: 19.42 min Scan# 2793
 Delta R.T. -0.01 min
 Lab File: BN005457.D
 Acq: 03 May 2019 18:11

Instrument :
 BNA_N
 ClientSampleId :
 GAJ83

Tot Ion:	202	Resp:	201183
Ion Ratio	Lower	Upper	
202	100		
101	11.8	10.3	15.5
100	8.0	7.9	11.9

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