

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
 Data File : BN006489.D
 Acq On : 22 Jun 2019 15:13
 Operator : HP/JU
 Sample : K3362-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4207

Quant Time: Jun 24 04:05:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 22:42:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	366889	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1607004	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	887536	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1751941	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1078494	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	1192526	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	41855	4.46	ng/uL	0.00
5) Phenol-d5	6.80	99	849469	21.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	525669	21.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	658943	22.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	632879	20.42	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	319731	24.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	354254	25.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	636045	23.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	443161	14.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1852054	23.81	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	2230460	23.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	235808	17.74	ng/ul	0.00
57) Fluorene-d10	15.28	176	1564895	23.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	161078	14.53	ng/ul	0.00
70) Anthracene-d10	17.13	188	2092001	23.72	ng/ul	0.00
78) Pyrene-d10	19.45	212	1854805	29.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1541284	22.88	ng/ul	0.01

Target Compounds

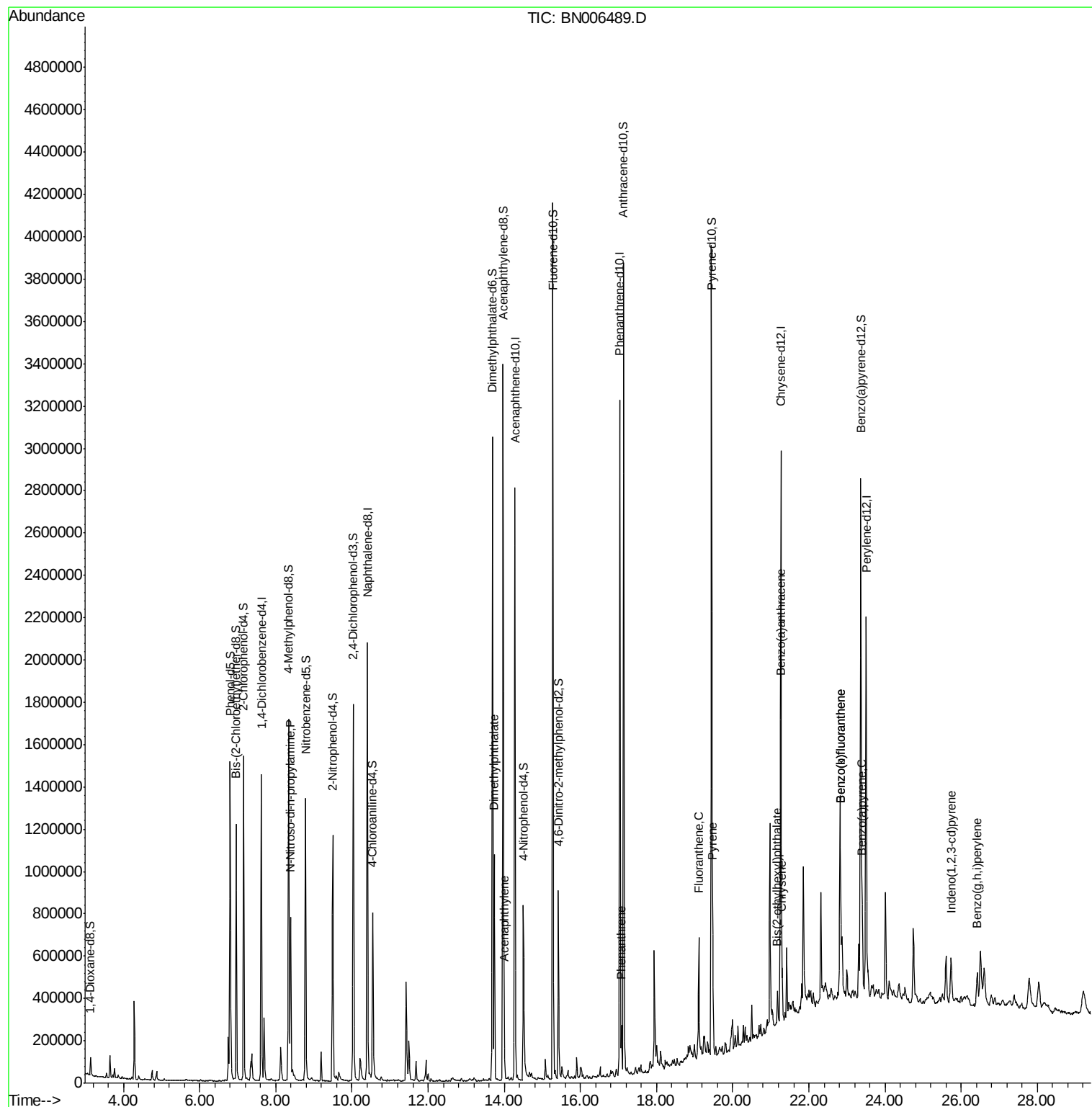
					Qvalue	
15) N-Nitroso-di-n-propylamine	8.39	70	260079	10.414	ng/ul#	60
44) Dimethylphthalate	13.74	163	620662	8.655	ng/ul	99
47) Acenaphthylene	14.00	152	102717	1.216	ng/ul	99
69) Phenanthrene	17.07	178	126350	1.308	ng/ul	99
76) Fluoranthene	19.11	202	292389	2.808	ng/ul	98
79) Pyrene	19.47	202	370863	5.051	ng/ul	99
82) Benzo(a)anthracene	21.24	228	163896	2.223	ng/ul	94
83) Bis(2-ethylhexyl)phthalate	21.17	149	47793	1.012	ng/ul	96
84) Chrysene	21.30	228	176386	2.514	ng/ul	96
87) Benzo(b)fluoranthene	22.83	252	317554	4.437	ng/ul#	96
88) Benzo(k)fluoranthene	22.83	252	317554	4.642	ng/ul	95
90) Benzo(a)pyrene	23.40	252	265281	3.866	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.73	276	193421	2.382	ng/ul	97
93) Benzo(g,h,i)perylene	26.42	276	187105	2.735	ng/ul	97

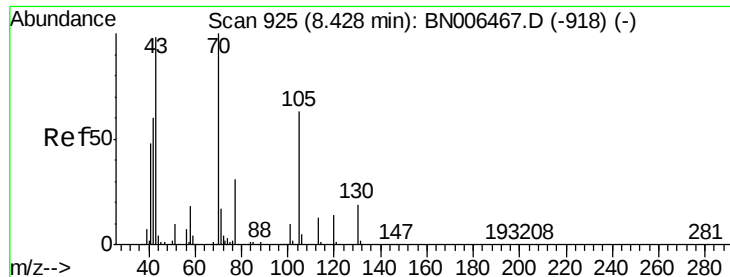
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 21 22:42:34 2019
Response via : Initial Calibration





#15

N-Nitroso-di-n-propylamine

Concen: 10.414 ng/ul

RT: 8.39 min Scan# 918

Delta R.T. -0.04 min

Lab File: BN006489.D

Acq: 22 Jun 2019 15:13

Instrument :

BNA_N

ClientSampleId :

A4207

Tgt Ion: 70 Resp: 260079

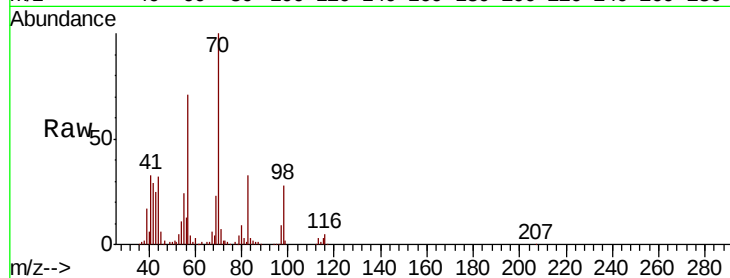
Ion Ratio Lower Upper

70 100

42 29.4 48.0 72.0#

101 0.0 7.4 11.0#

130 0.0 16.1 24.1#

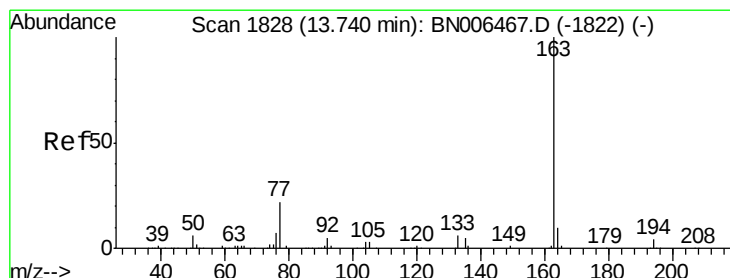
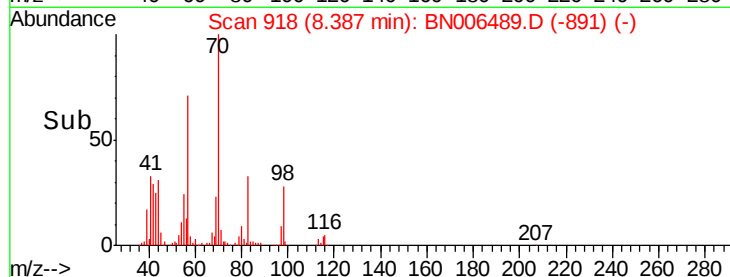
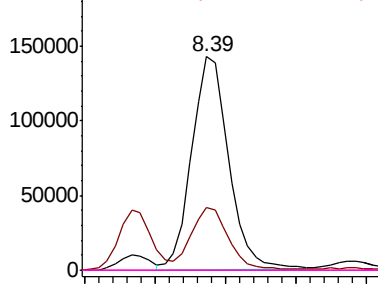


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#44

Dimethylphthalate

Concen: 8.655 ng/ul

RT: 13.74 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BN006489.D

Acq: 22 Jun 2019 15:13

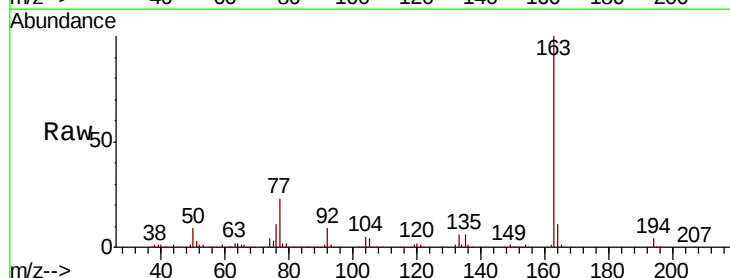
Tgt Ion:163 Resp: 620662

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

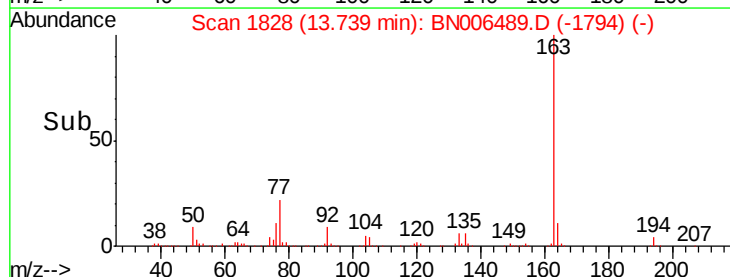
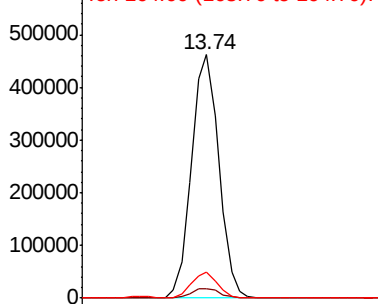
164 10.5 8.0 12.0

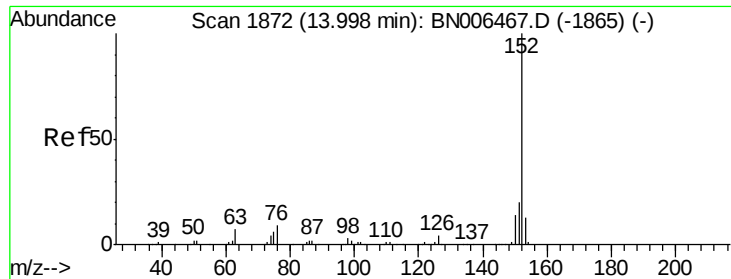


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#47

Acenaphthylene

Concen: 1.216 ng/ul

RT: 14.00 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BN006489.D

Acq: 22 Jun 2019 15:13

Instrument :

BNA_N

ClientSampleId :

A4207

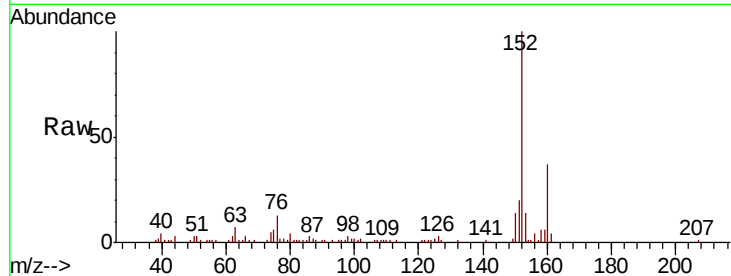
Tgt Ion:152 Resp: 102717

Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

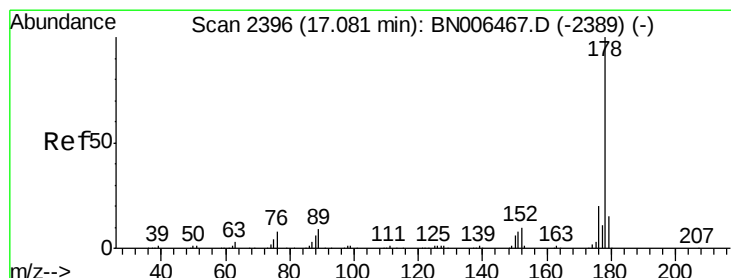
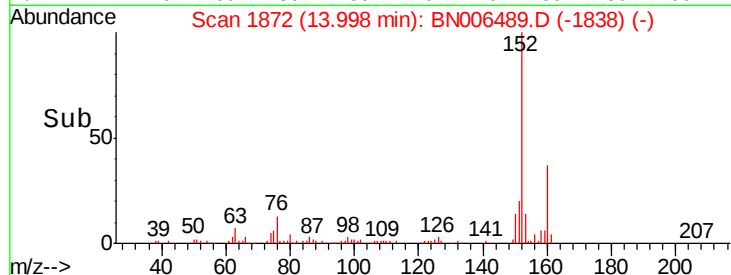
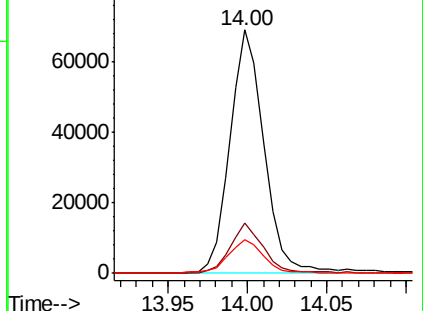
153 13.8 10.6 16.0



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



#69

Phenanthrene

Concen: 1.308 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BN006489.D

Acq: 22 Jun 2019 15:13

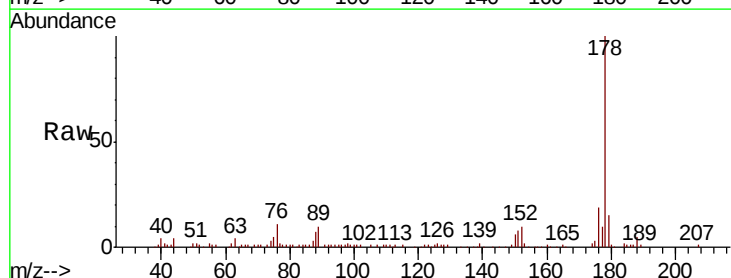
Tgt Ion:178 Resp: 126350

Ion Ratio Lower Upper

178 100

179 15.0 12.5 18.7

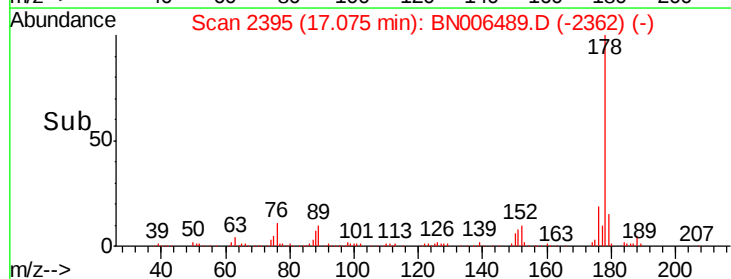
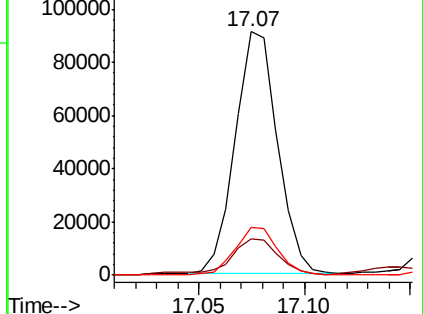
176 19.4 15.3 22.9

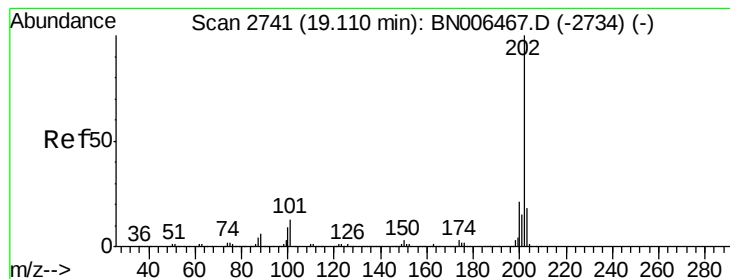


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 2.808 ng/ul

RT: 19.11 min Scan# 2741

Delta R.T. -0.00 min

Lab File: BN006489.D

Acq: 22 Jun 2019 15:13

Instrument :

BNA_N

ClientSampleId :

A4207

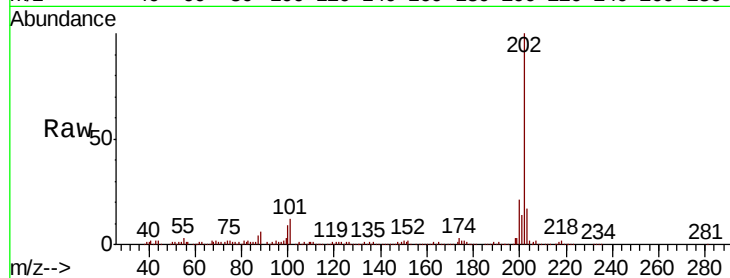
Tgt Ion:202 Resp: 292389

Ion Ratio Lower Upper

202 100

101 12.3 10.5 15.7

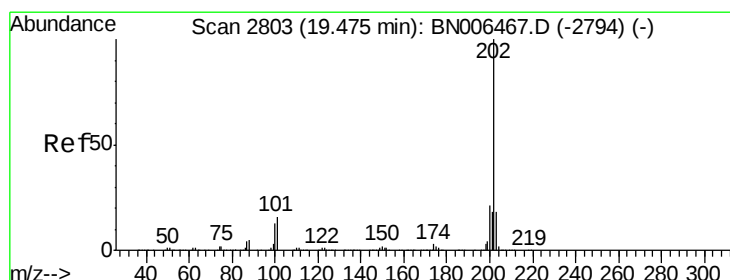
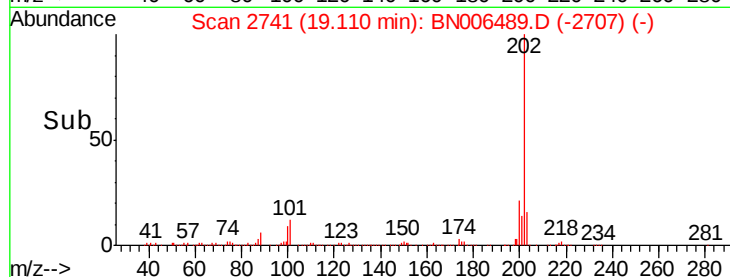
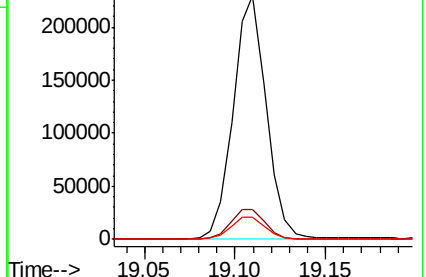
100 9.0 7.6 11.4



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: 5.051 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BN006489.D

Acq: 22 Jun 2019 15:13

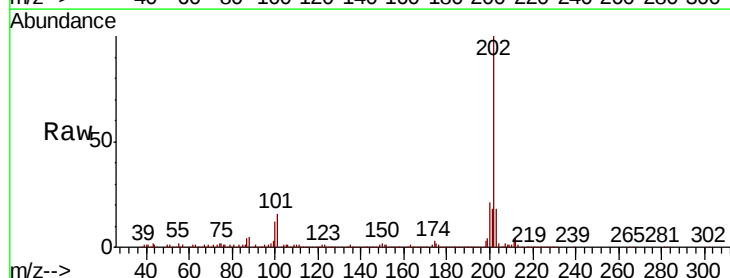
Tgt Ion:202 Resp: 370863

Ion Ratio Lower Upper

202 100

101 16.0 12.2 18.4

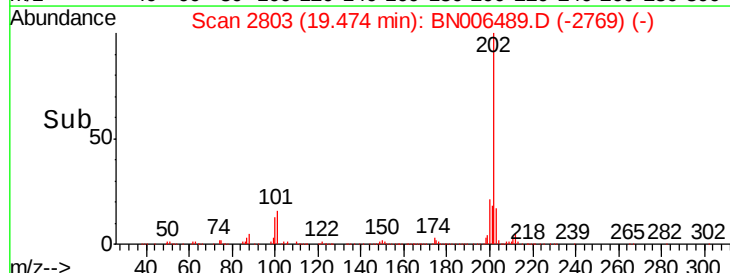
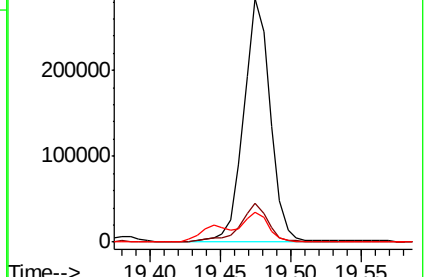
100 12.4 9.8 14.6

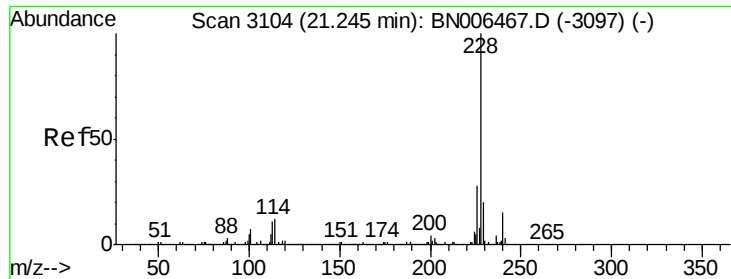


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 2.223 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BN006489.D

Acq: 22 Jun 2019 15:13

Instrument :

BNA_N

ClientSampleId :

A4207

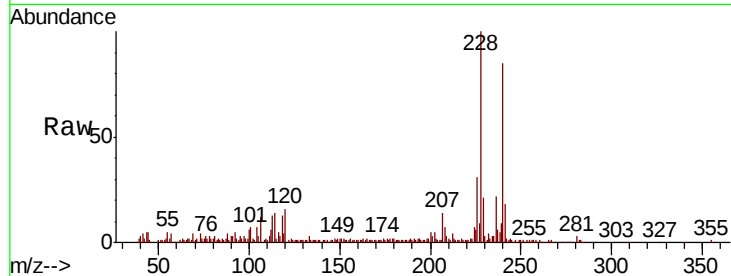
Tgt Ion:228 Resp: 163896

Ion Ratio Lower Upper

228 100

229 21.4 15.6 23.4

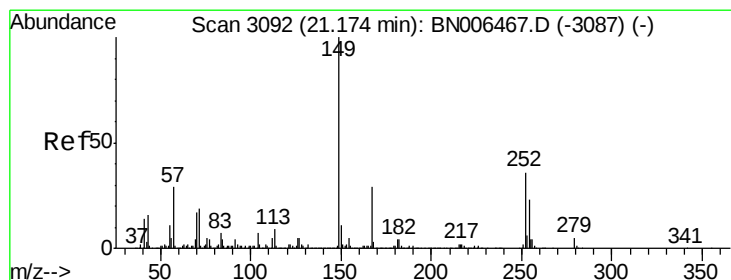
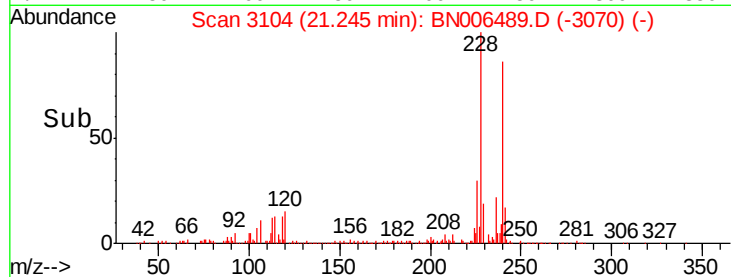
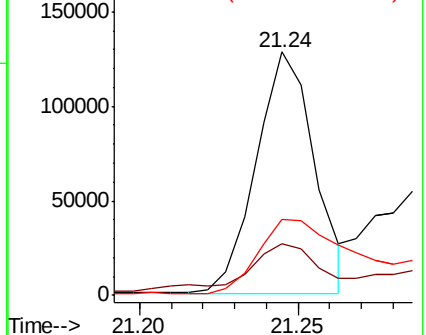
226 31.0 21.5 32.3



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.012 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BN006489.D

Acq: 22 Jun 2019 15:13

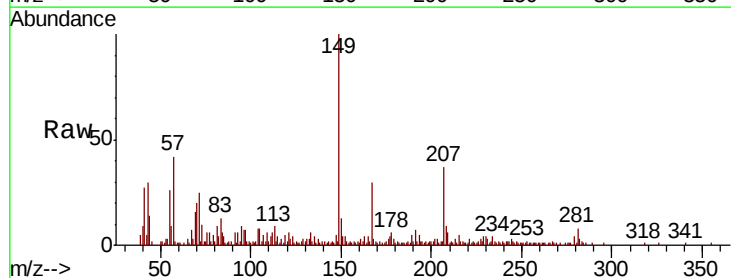
Tgt Ion:149 Resp: 47793

Ion Ratio Lower Upper

149 100

167 30.0 22.2 33.4

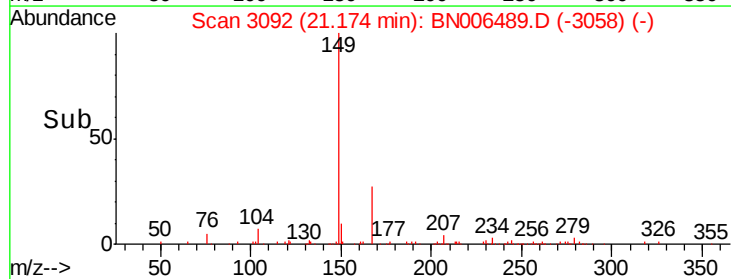
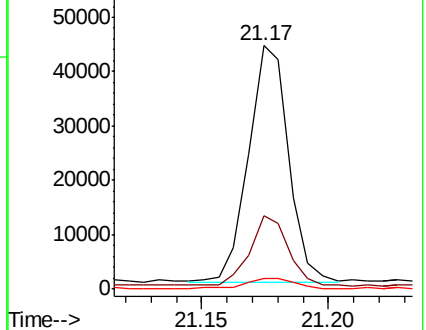
279 4.1 3.3 4.9

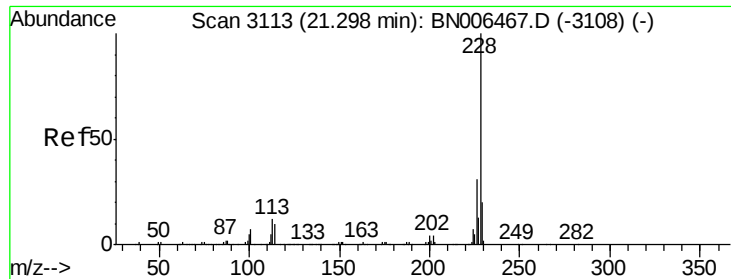


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 2.514 ng/ul

RT: 21.30 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BN006489.D

Acq: 22 Jun 2019 15:13

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BNA_N

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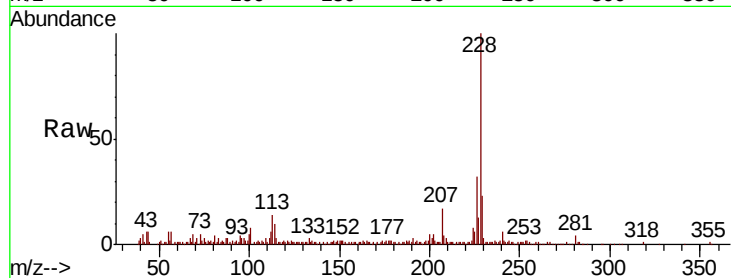
Tgt Ion:228 Resp: 176386

Ion Ratio Lower Upper

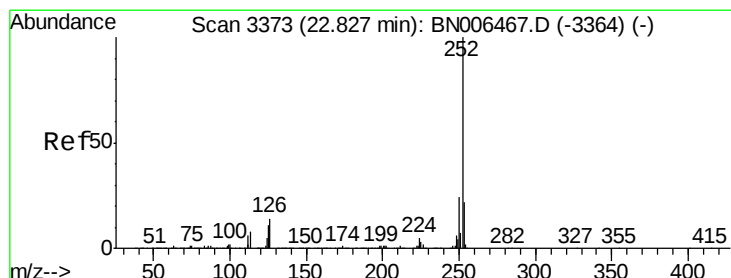
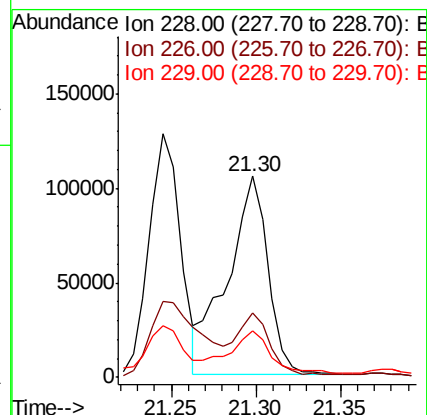
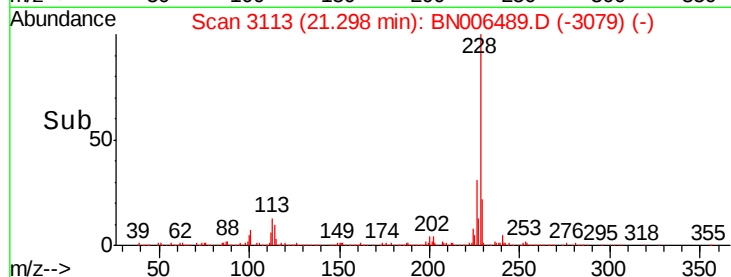
228 100

226 31.8 24.2 36.2

229 23.1 15.9 23.9



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: 4.437 ng/ul

RT: 22.83 min Scan# 3374

Delta R.T. 0.01 min

Lab File: BN006489.D

Acq: 22 Jun 2019 15:13

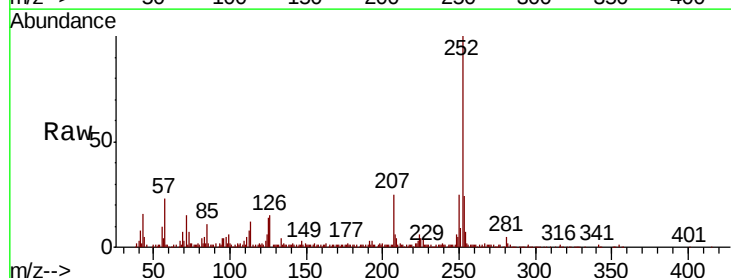
Tgt Ion:252 Resp: 317554

Ion Ratio Lower Upper

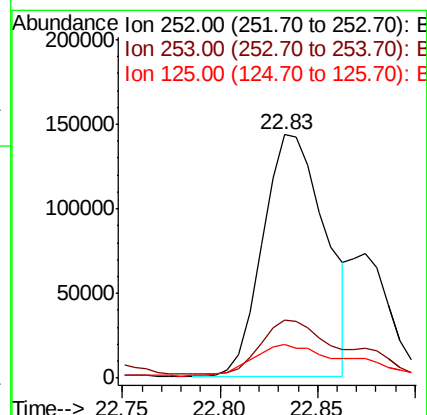
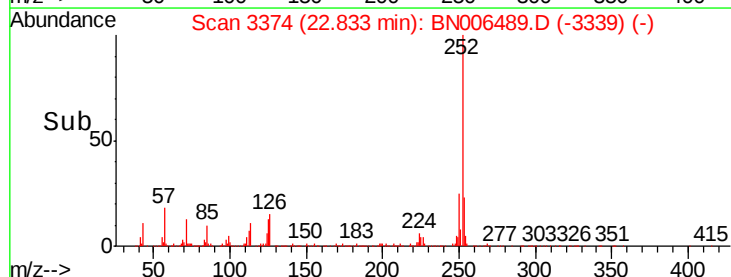
252 100

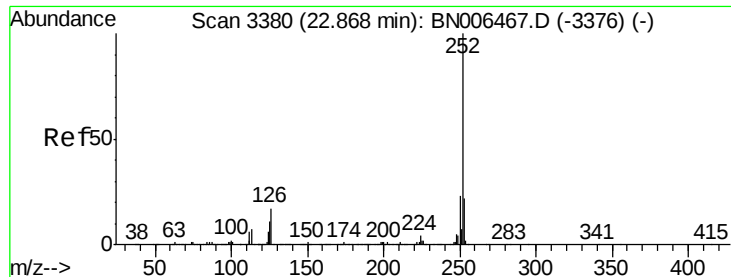
253 23.6 17.7 26.5

125 13.6 9.0 13.6#



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: 4.642 ng/ul

RT: 22.83 min Scan# 3374

Delta R.T. -0.04 min

Lab File: BN006489.D

Acq: 22 Jun 2019 15:13

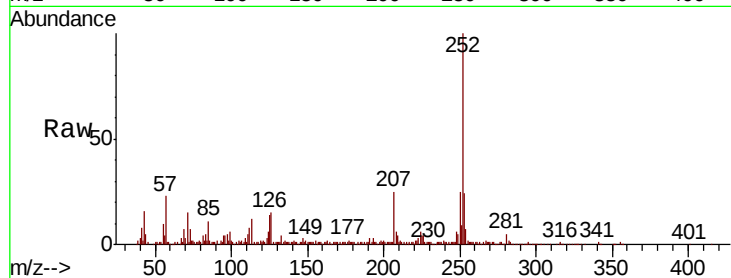
Instrument :

BNA_N

ClientSampleId :

A4207

Tgt Ion:	252	Resp:	317554
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	13.6	9.1	13.7

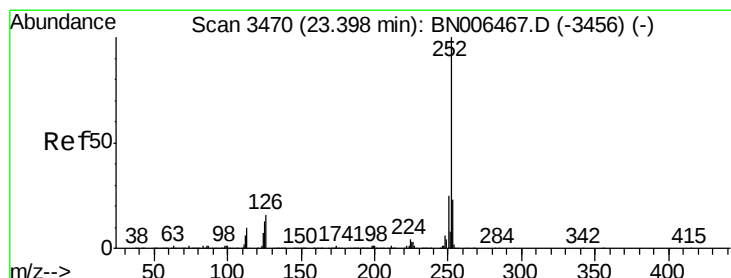
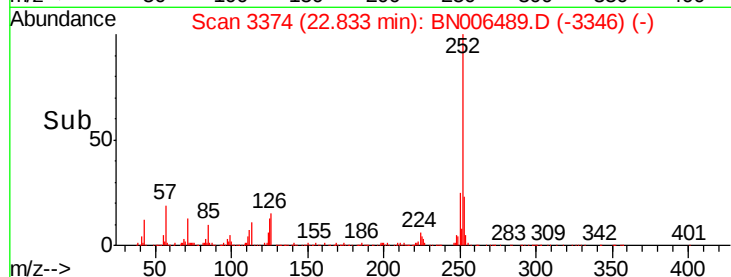
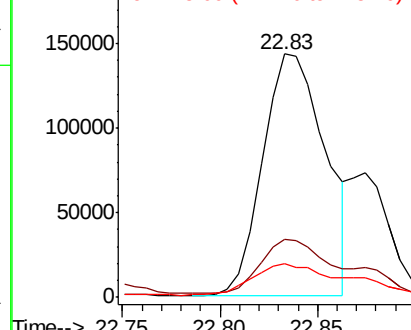


Abundance

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



#90

Benzo(a)pyrene

Concen: 3.866 ng/ul

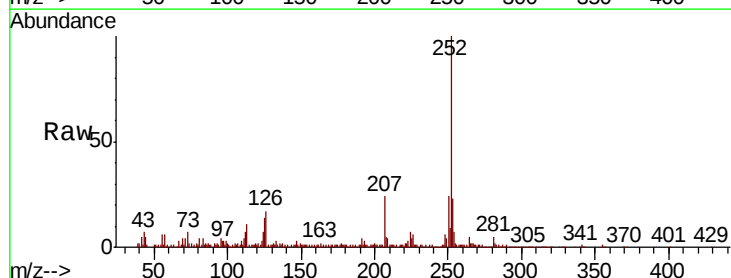
RT: 23.40 min Scan# 3471

Delta R.T. 0.01 min

Lab File: BN006489.D

Acq: 22 Jun 2019 15:13

Tgt Ion:	252	Resp:	265281
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	13.5	10.0	15.0

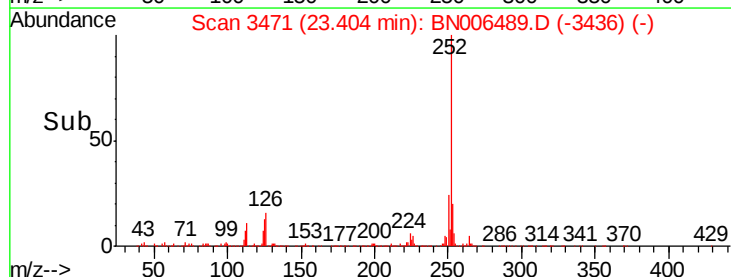
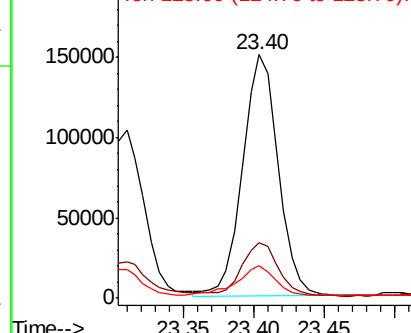


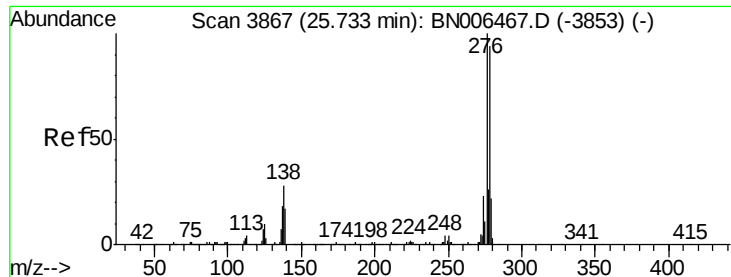
Abundance

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: 2.382 ng/ul

RT: 25.73 min Scan# 3867

Delta R.T. -0.00 min

Lab File: BN006489.D

Acq: 22 Jun 2019 15:13

Instrument :

BNA_N

ClientSampleId :

A4207

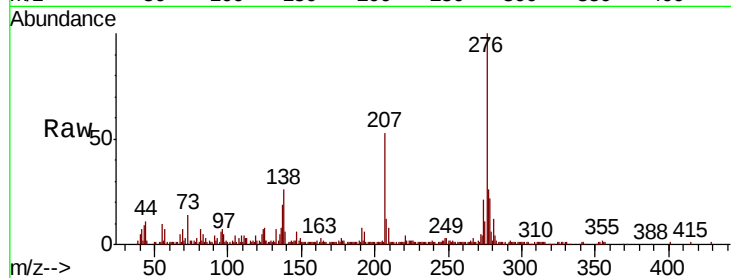
Tgt Ion:276 Resp: 193421

Ion Ratio Lower Upper

276 100

138 25.5 22.2 33.4

277 26.0 20.2 30.4

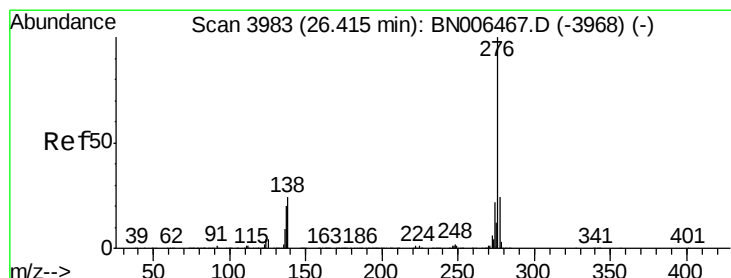
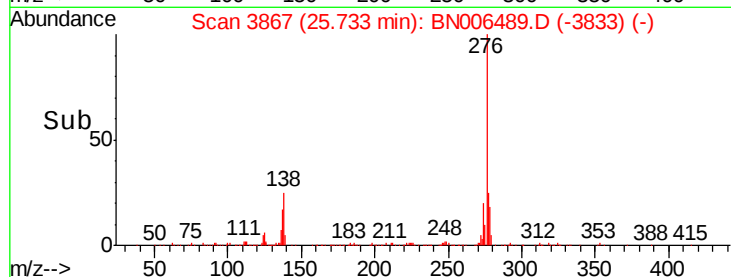
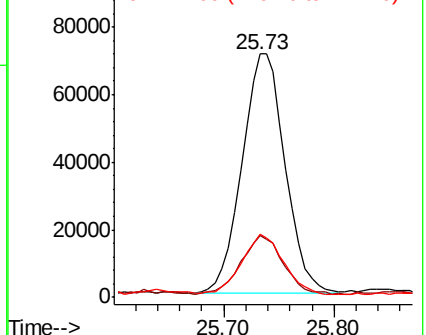


Abundance

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: 2.735 ng/ul

RT: 26.42 min Scan# 3984

Delta R.T. 0.01 min

Lab File: BN006489.D

Acq: 22 Jun 2019 15:13

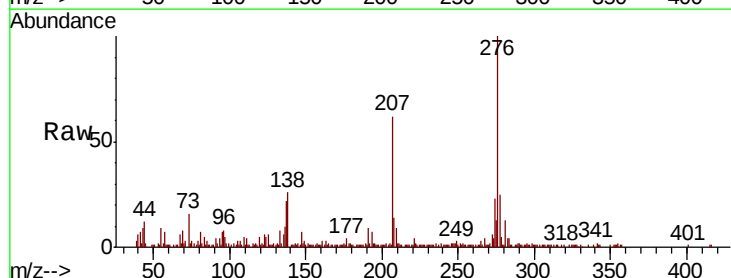
Tgt Ion:276 Resp: 187105

Ion Ratio Lower Upper

276 100

138 25.6 19.1 28.7

277 25.0 19.4 29.0



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

