

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022119\
 Data File : BN004469.D
 Acq On : 21 Feb 2019 14:52
 Operator : JU/SJ
 Sample : K1493-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB5C7

Quant Time: Feb 21 22:15:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 21 22:12:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	23857	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	114505	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.38	164	85707	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	231669	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	322201	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	379458	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.37	176	269	0.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.13	188	231669	20.87	ng/ul	-0.11
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	23.60	264	377666	18.96	ng/ul	0.15

Target Compounds

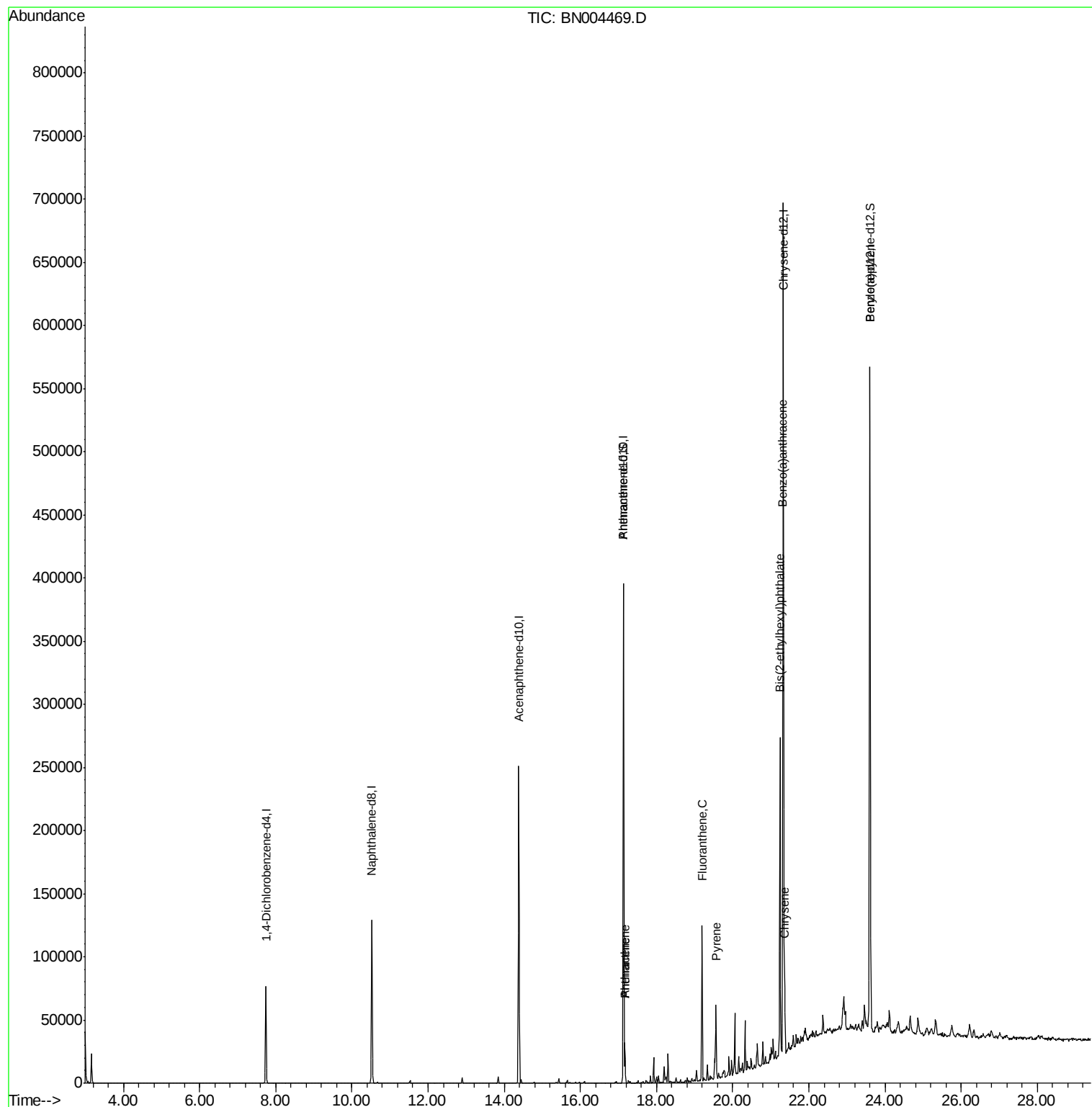
					Qvalue	
70) Phenanthrene	17.17	178	22586	1.757	ng/ul	99
72) Anthracene	17.17	178	22586	1.745	ng/ul	99
77) Fluoranthene	19.19	202	76945	4.863	ng/ul	97
80) Pyrene	19.56	202	40859	2.293	ng/ul	98
83) Benzo(a)anthracene	21.32	228	26771	1.348	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.24	149	97130	10.584	ng/ul	100
85) Chrysene	21.37	228	30775	1.633	ng/ul	98

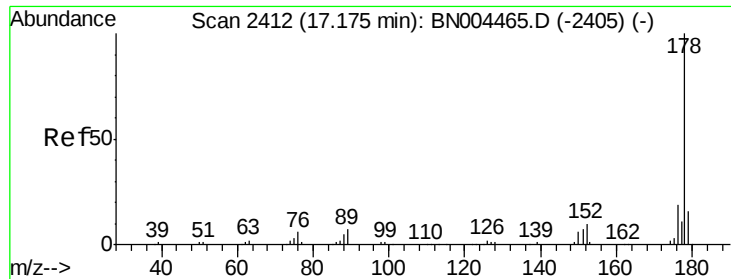
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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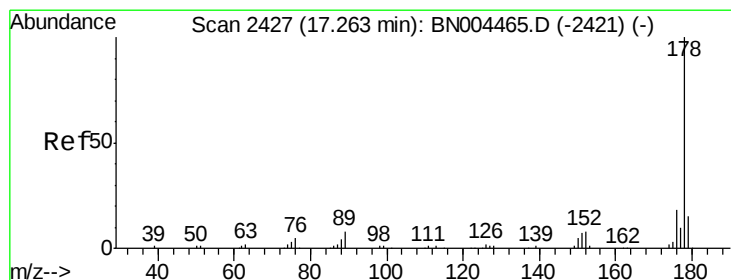
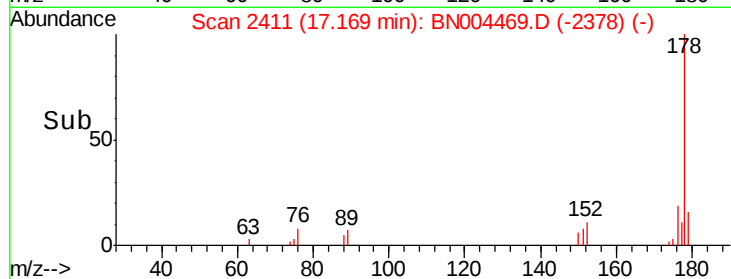
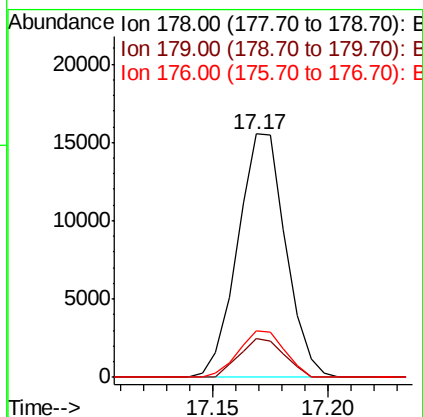
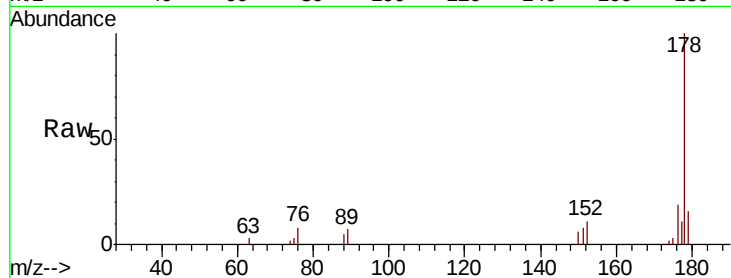




#70
Phenanthrene
Concen: 1.757 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BN004469.D
Acq: 21 Feb 2019 14:52

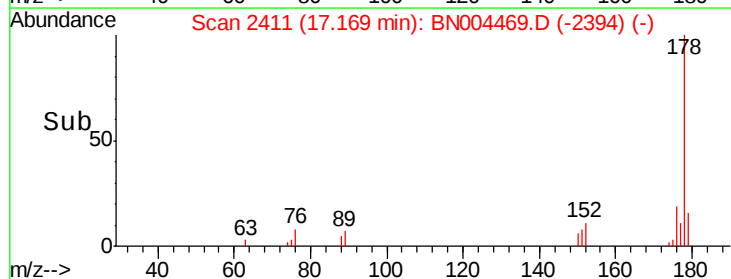
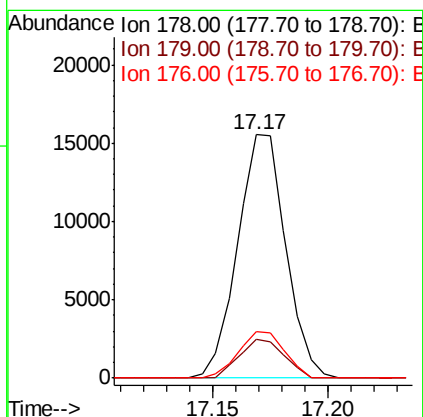
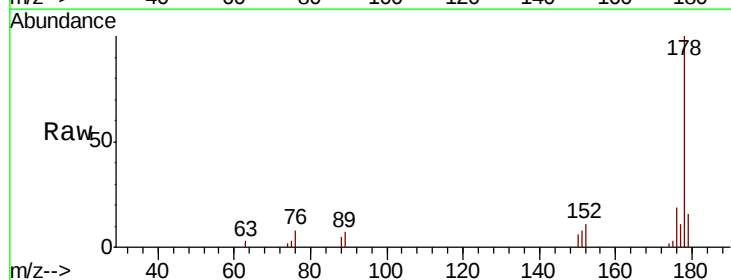
Instrument :
BNA_N
ClientSampleId :
CB5C7

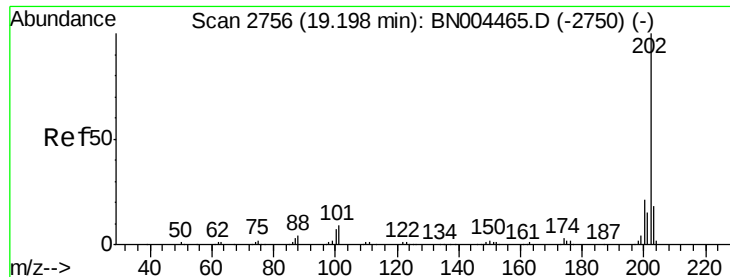
Tgt Ion:178 Resp: 22586
Ion Ratio Lower Upper
178 100
179 16.2 12.3 18.5
176 19.0 15.4 23.0



#72
Anthracene
Concen: 1.745 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. -0.10 min
Lab File: BN004469.D
Acq: 21 Feb 2019 14:52

Tgt Ion:178 Resp: 22586
Ion Ratio Lower Upper
178 100
179 16.2 12.2 18.4
176 19.0 14.9 22.3





#77

Fluoranthene

Concen: 4.863 ng/ul

RT: 19.19 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BN004469.D

Acq: 21 Feb 2019 14:52

Instrument :

BNA_N

ClientSampleId :

CB5C7

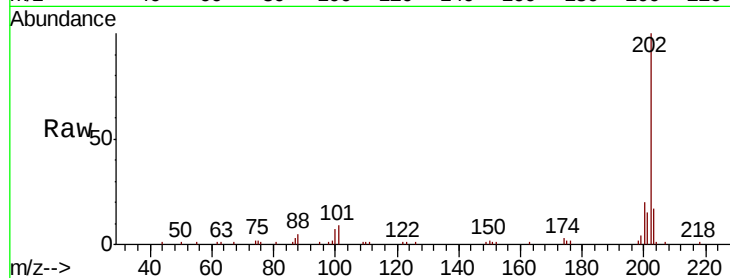
Tgt Ion:202 Resp: 76945

Ion Ratio Lower Upper

202 100

101 8.9 8.2 12.4

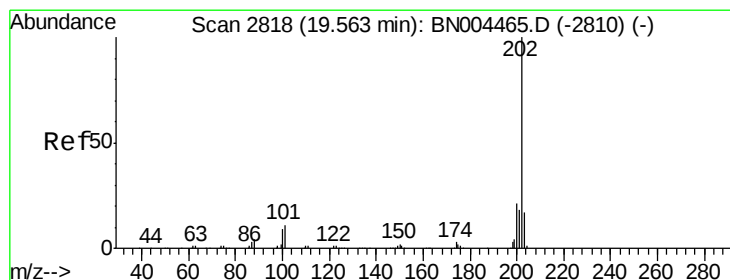
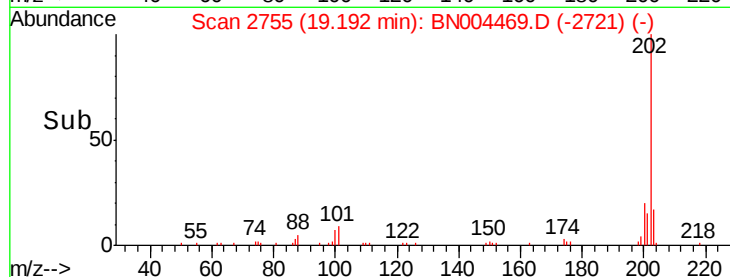
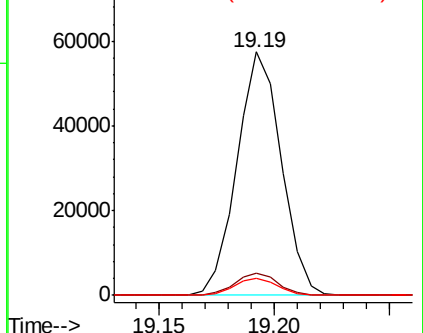
100 7.3 6.6 9.8



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



#80

Pyrene

Concen: 2.293 ng/ul

RT: 19.56 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BN004469.D

Acq: 21 Feb 2019 14:52

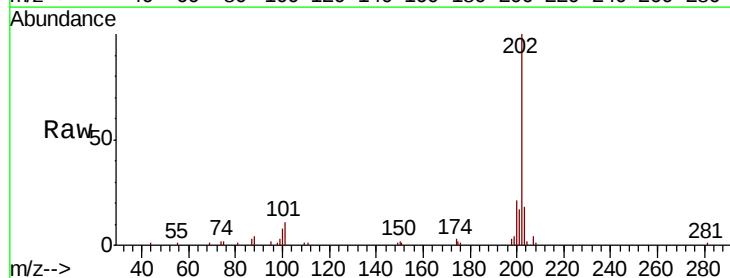
Tgt Ion:202 Resp: 40859

Ion Ratio Lower Upper

202 100

101 10.9 9.2 13.8

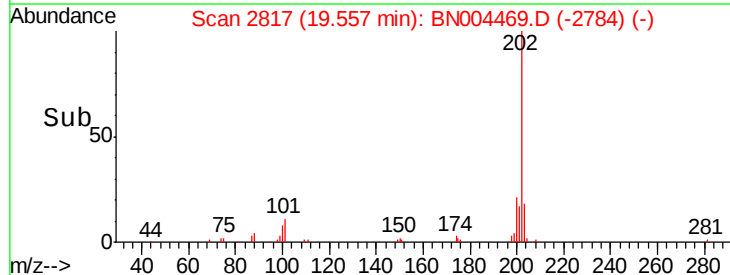
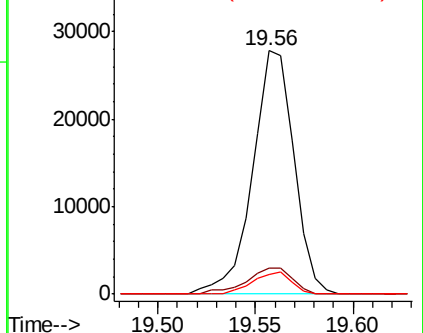
100 8.2 7.5 11.3

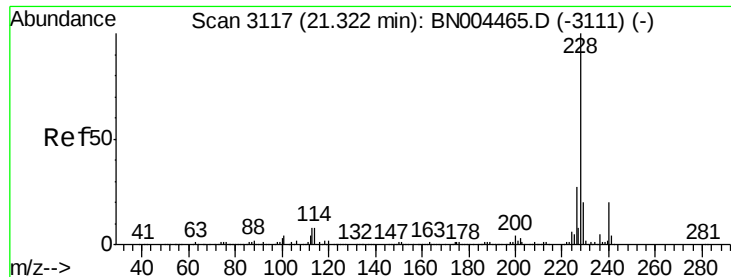


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 1.348 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. 0.00 min

Lab File: BN004469.D

Acq: 21 Feb 2019 14:52

Instrument :

BNA_N

ClientSampleId :

CB5C7

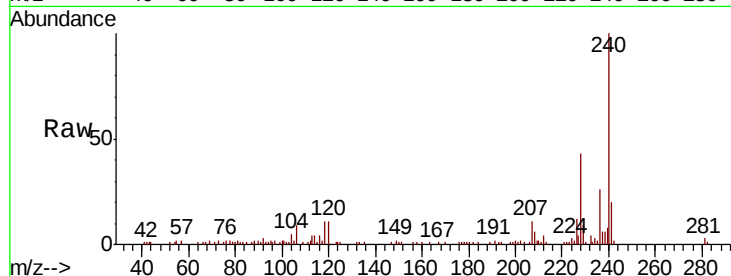
Tgt Ion:228 Resp: 26771

Ion Ratio Lower Upper

228 100

229 20.6 15.4 23.2

226 27.8 21.4 32.2

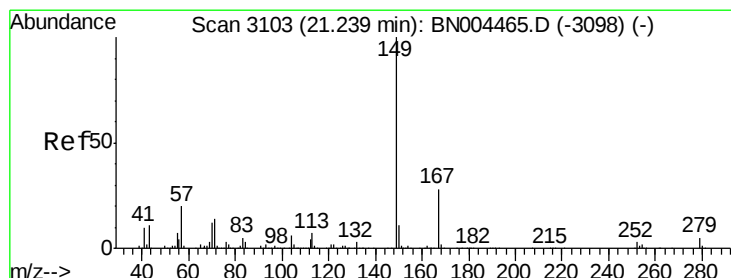
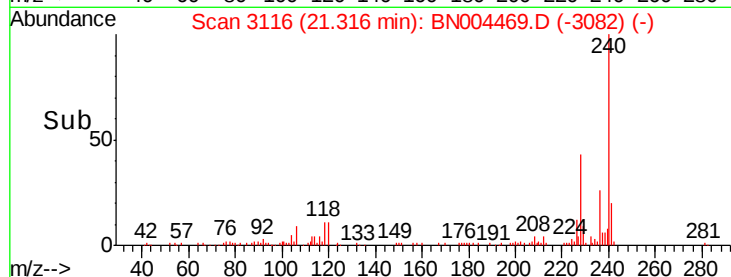
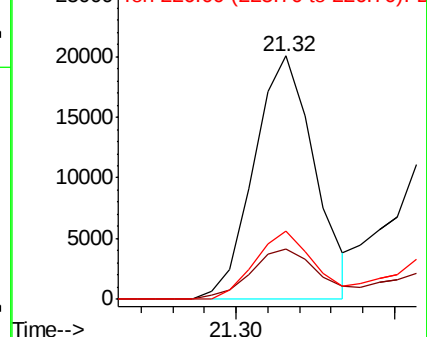


Abundance

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

Bis(2-ethylhexyl)phthalate

Concen: 10.584 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BN004469.D

Acq: 21 Feb 2019 14:52

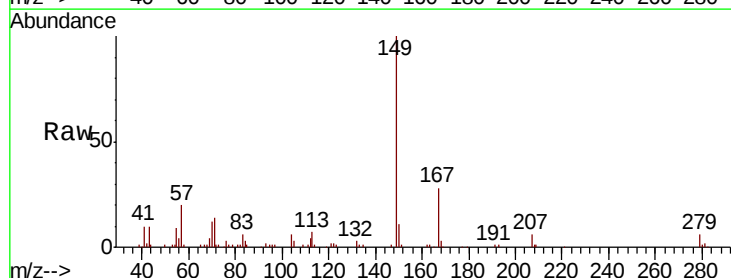
Tgt Ion:149 Resp: 97130

Ion Ratio Lower Upper

149 100

167 28.5 22.7 34.1

279 5.5 4.3 6.5

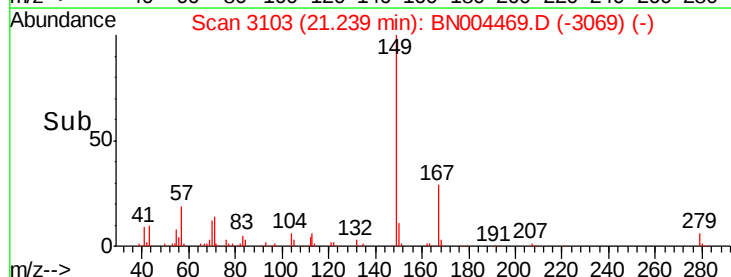
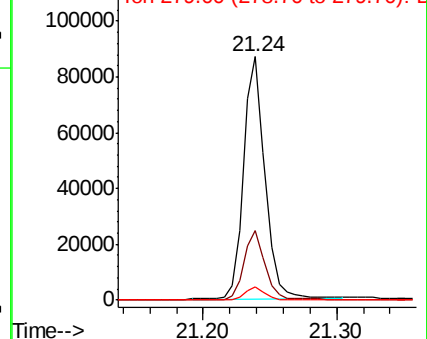


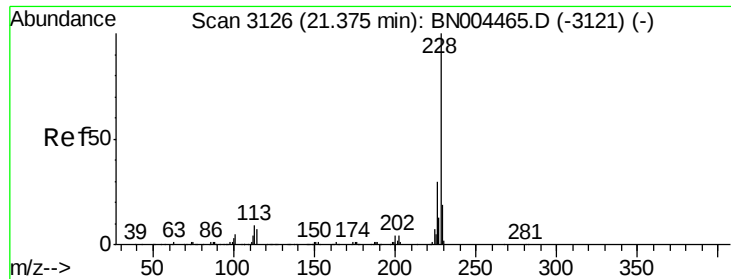
Abundance

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





#85

Chrysene

Concen: 1.633 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. 0.00 min

Lab File: BN004469.D

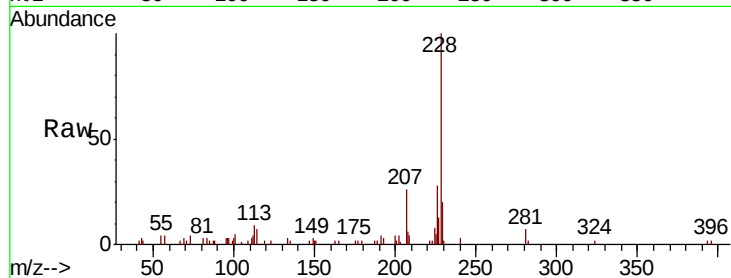
Acq: 21 Feb 2019 14:52

Instrument :

BNA_N

ClientSampleId :

CB5C7



Tgt Ion: 228 Resp: 30775

Ion Ratio Lower Upper

228 100

226 28.5 24.0 36.0

229 19.8 15.7 23.5

