

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
 Data File : BN009969.D
 Acq On : 27 Feb 2020 18:17
 Operator : CG/JU
 Sample : L1543-19DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DBDA1DL

Manual Integrations
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Quant Time: Feb 28 02:07:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 26 07:56:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	84809	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	361164	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	236920	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	505080	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	466298	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	503359	20.00	ng/ul	0.00

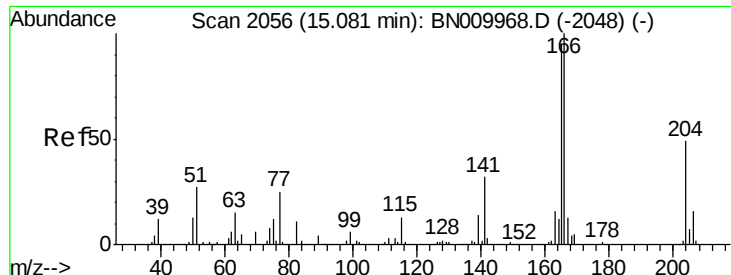
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	1047	0.51	ng/uL	0.02
5) Phenol-d5	6.61	99	13850m	1.92	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	12879m	2.59	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	12546m	2.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	9867m	1.72	ng/ul	0.03
19) Nitrobenzene-d5	8.55	128	5744m	2.17	ng/ul	0.02
22) 2-Nitrophenol-d4	9.26	143	4993m	1.73	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.84	165	11008m	1.98	ng/ul	0.07
29) 4-Chloroaniline-d4	10.35	131	11669m	1.87	ng/ul	0.06
44) Dimethylphthalate-d6	13.46	166	48103	2.72	ng/ul	0.01
47) Acenaphthylene-d8	13.72	160	49914	2.39	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.04	176	42420	2.78	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.87	188	72653	3.14	ng/ul	0.00
79) Pyrene-d10	19.19	212	78093	3.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	73180	2.91	ng/ul	0.00

Target Compounds

					Ovalue	
59) Fluorene	15.10	166	19226	1.055	ng/ul	99
70) Phenanthrene	16.82	178	58606	2.033	ng/ul	96
72) Anthracene	16.91	178	822891	27.926	ng/ul	99
75) Carbazole	17.20	167	119064	4.588	ng/ul	96
85) Chrysene	21.04	228	50657m	1.606	ng/ul	
88) Benzo(b)fluoranthene	22.49	252	92247	2.827	ng/ul#	94
89) Benzo(k)fluoranthene	22.53	252	31696m	1.026	ng/ul	
91) Benzo(a)pyrene	23.01	252	30069	1.024	ng/ul#	92

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



#59

Fluorene

Concen: 1.055 ng/ul

RT: 15.10 min Scan# 2059

Delta R.T. 0.01 min

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Instrument :

BNA_N

ClientSampled :

DBDA1DL

Tot Ion:166 Resp: 19226

Ion Ratio Lower Upper

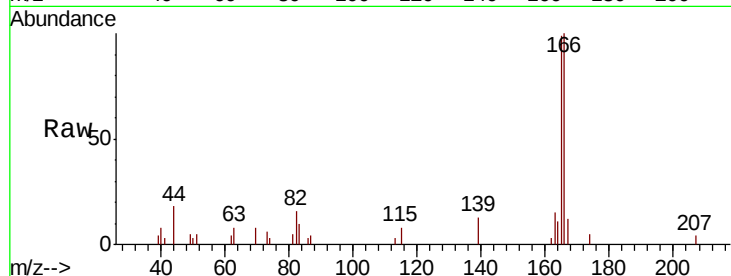
166 100

165 99.1 79.8 119.8

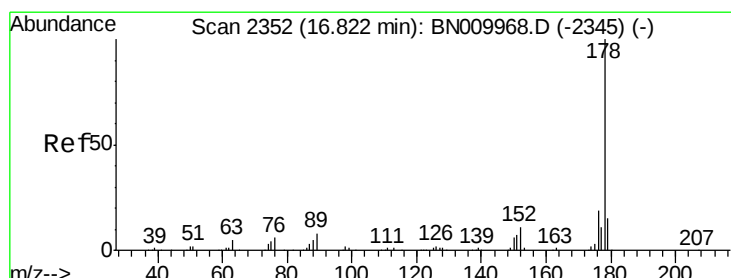
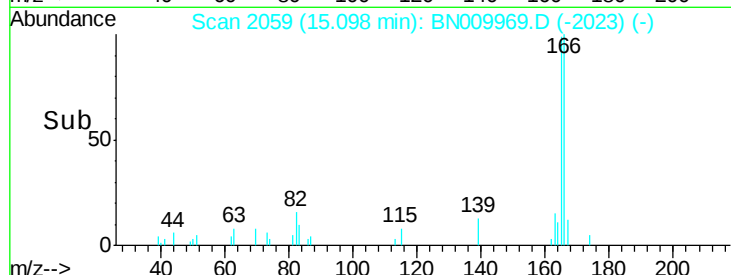
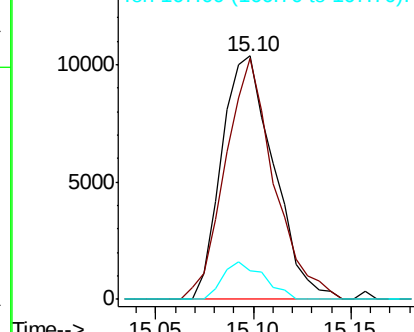
167 11.8 10.7 16.1

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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



#70

Phenanthrene

Concen: 2.033 ng/ul

RT: 16.82 min Scan# 2352

Delta R.T. -0.01 min

Lab File: BN009969.D

Acq: 27 Feb 2020 18:17

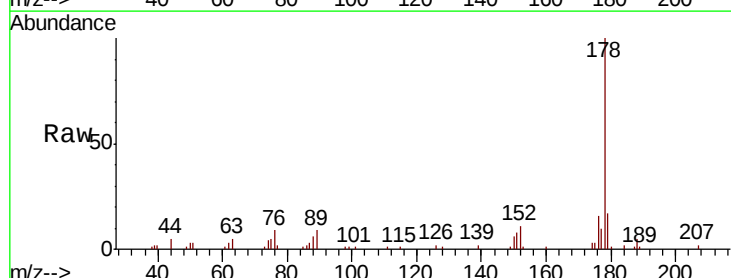
Tgt Ion:178 Resp: 58606

Ion Ratio Lower Upper

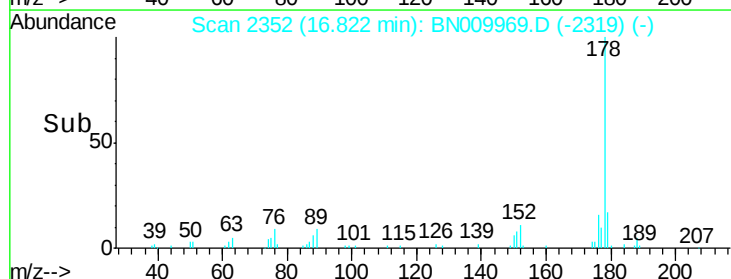
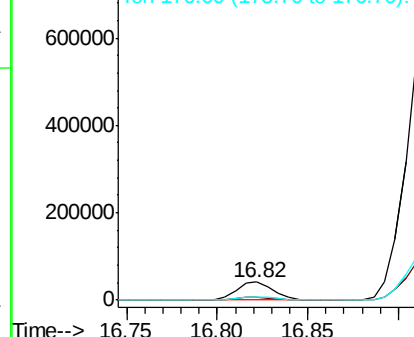
178 100

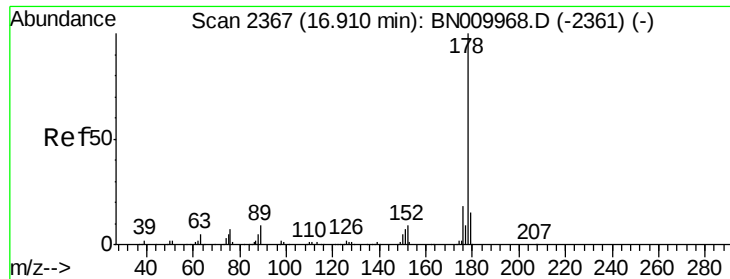
179 17.2 12.5 18.7

176 16.3 14.6 22.0



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





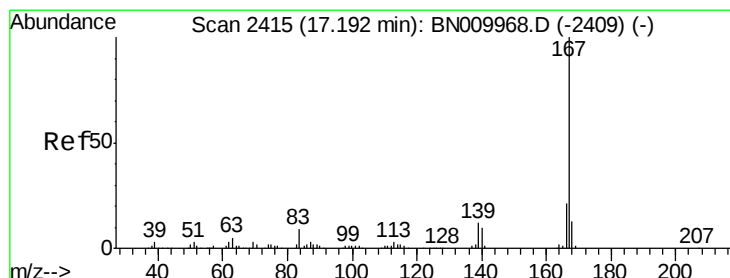
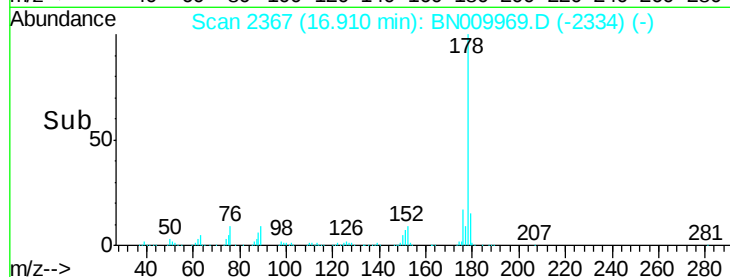
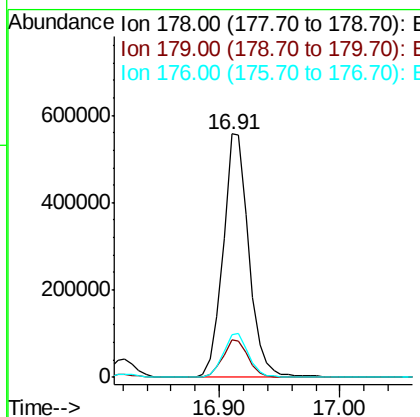
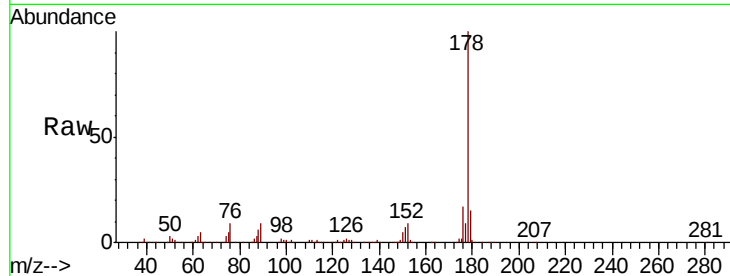
#72
 Anthracene
 Concen: 27.926 ng/ul
 RT: 16.91 min Scan# 2367
 Delta R.T. -0.01 min
 Lab File: BN009969.D
 Acq: 27 Feb 2020 18:17

Instrument :
 BNA_N
 ClientSampleId :
 DBDA1DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	17.3	14.6	21.8

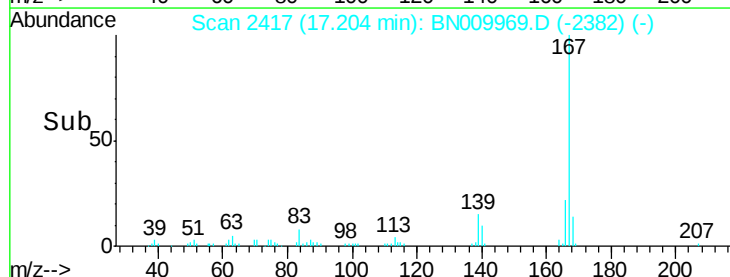
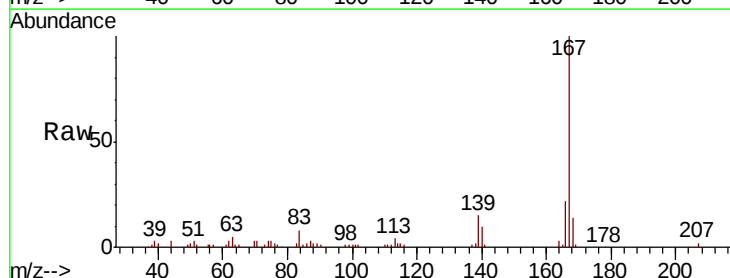
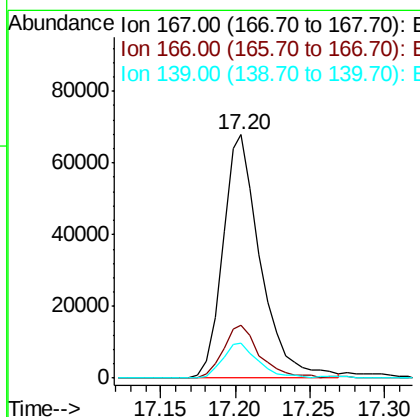
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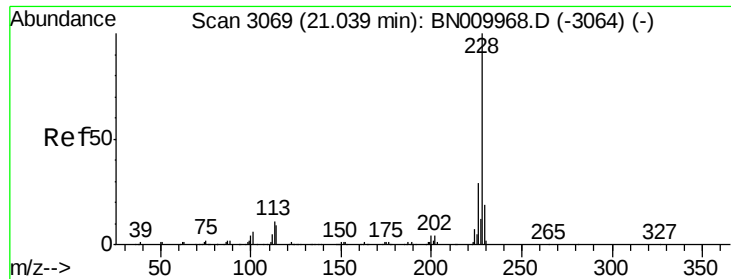
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#75
 Carbazole
 Concen: 4.588 ng/ul
 RT: 17.20 min Scan# 2417
 Delta R.T. 0.01 min
 Lab File: BN009969.D
 Acq: 27 Feb 2020 18:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	16.6	24.8
139	14.6	9.9	14.9





#85

Chrysene

Concen: 1.606 ng/ul m

RT: 21.04 min Scan# 3069

Delta R.T. 0.00 min

Lab File: BN009969.D

Acq: 27 Feb 2020 18:17

Instrument :

BNA_N

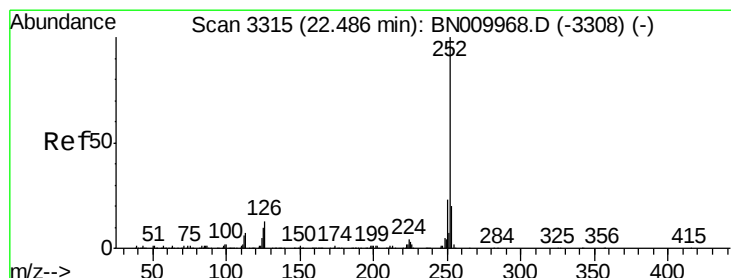
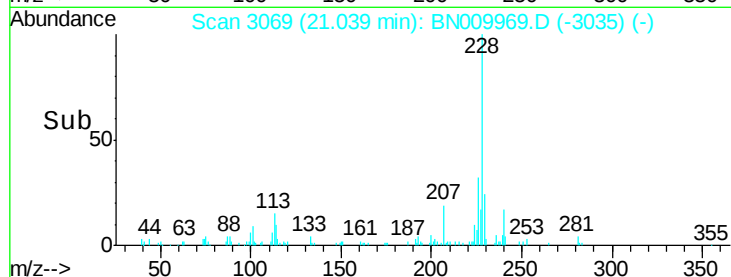
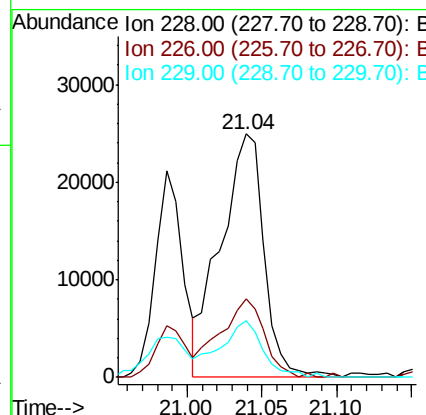
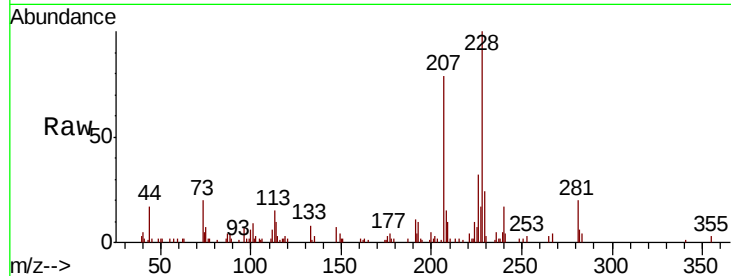
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.4	35.2
229	23.5	15.0	22.4

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#88

Benzo(b)fluoranthene

Concen: 2.827 ng/ul

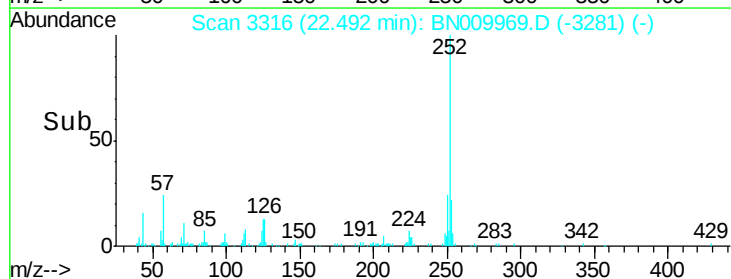
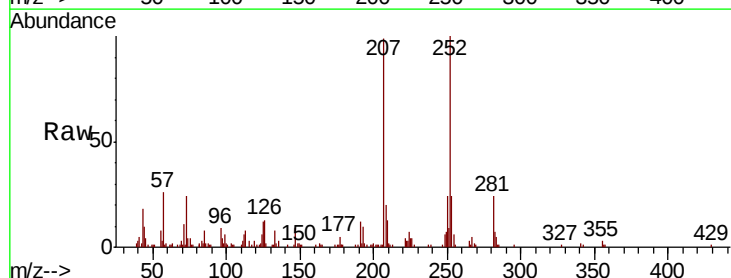
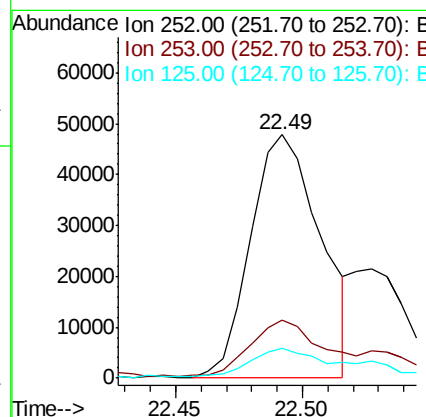
RT: 22.49 min Scan# 3316

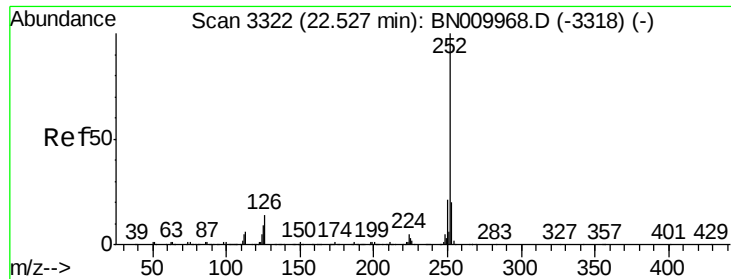
Delta R.T. 0.01 min

Lab File: BN009969.D

Acq: 27 Feb 2020 18:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.4
125	12.4	8.0	12.0





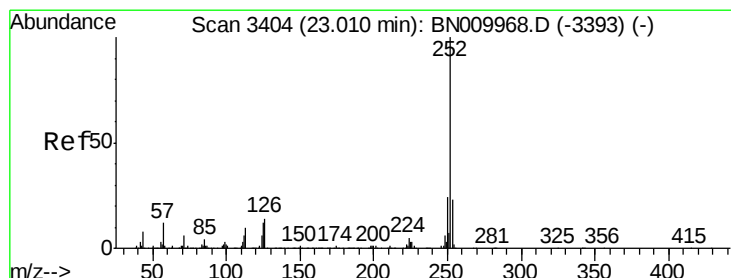
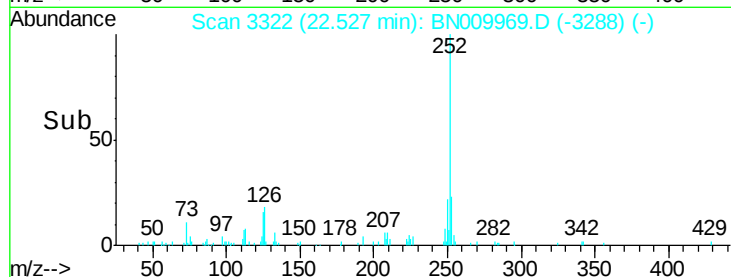
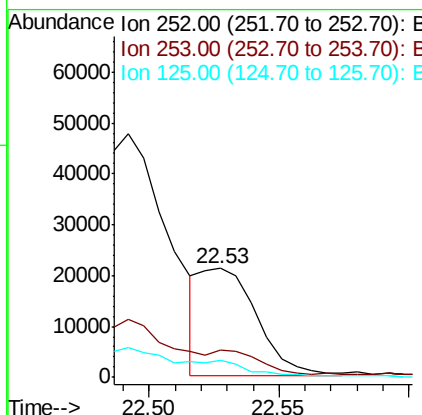
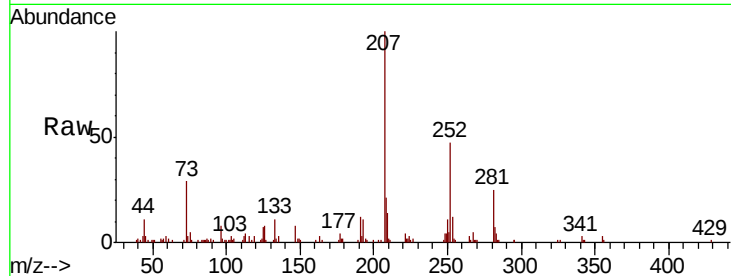
#89
Benzo(k)fluoranthene
Concen: 1.026 ng/ul m
RT: 22.53 min Scan# 3322
Delta R.T. 0.00 min
Lab File: BN009969.D
Acq: 27 Feb 2020 18:17

Instrument :
BNA_N
ClientSampleId :
DBDA1DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	15.7	8.2	12.2

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#91
Benzo(a)pyrene
Concen: 1.024 ng/ul
RT: 23.01 min Scan# 3404
Delta R.T. 0.00 min
Lab File: BN009969.D
Acq: 27 Feb 2020 18:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.0
125	19.6	9.0	13.6

