

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 :

Quant Time: Feb 28 01:15:35 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

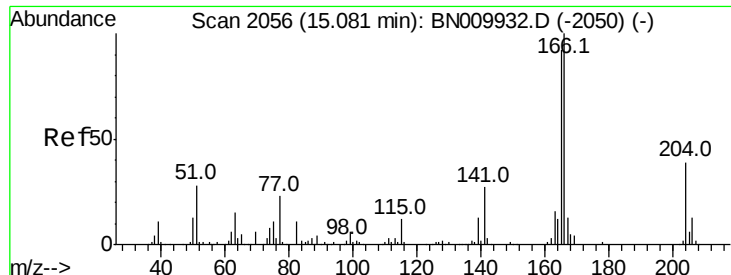
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	1047	0.51	ng/uL	0.02
5) Phenol-d5	6.61	99	10181	1.41	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	10711	2.15	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	11468	2.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	7057	1.23	ng/ul	0.03
19) Nitrobenzene-d5	8.55	128	4861	1.84	ng/ul	0.02
22) 2-Nitrophenol-d4	9.26	143	3390	1.17	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.84	165	5426	0.98	ng/ul	0.07
29) 4-Chloroaniline-d4	10.35	131	5750	0.92	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	14.36	143	376	0.12	ng/ul	0.08
58) Fluorene-d10	15.04	176	42420	2.78	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.23	200	1011	0.32	ng/ul	0.05
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
88) Benzo(b)fluoranthene	22.49	252	92247	2.827	ng/ul# 94
89) Benzo(k)fluoranthene	22.49	252	92247	2.985	ng/ul# 96
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

Lab File: BN009969.D

Acq: 27 Feb 2020 18:17

Instrument :

BNA_N

ClientSampled :

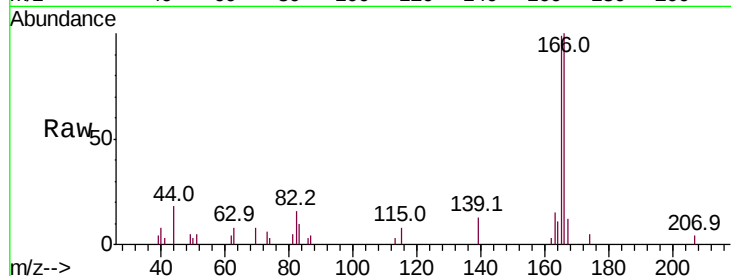
Tot Ion:166 Resp: 19226

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

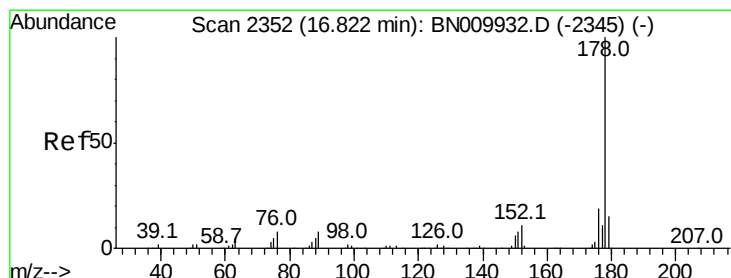
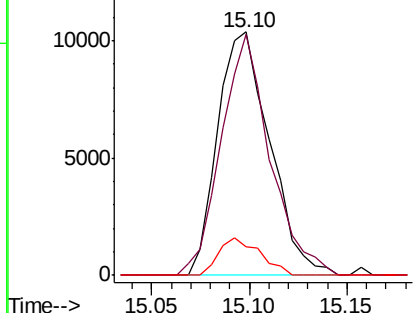
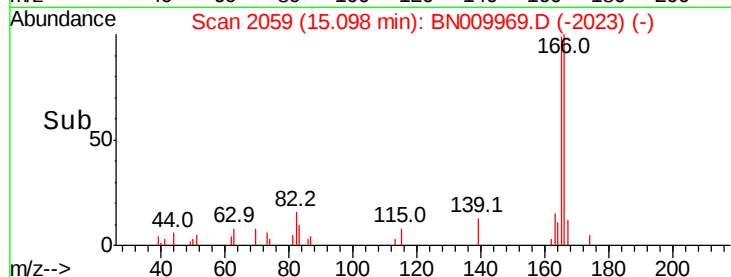
167 11.8 10.7 16.1



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

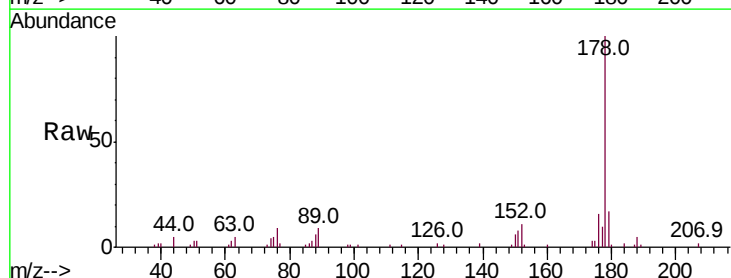
Tgt Ion:178 Resp: 58606

Ion Ratio Lower Upper

178 100

179 17.2 12.5 18.7

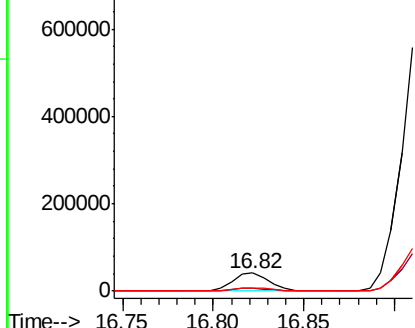
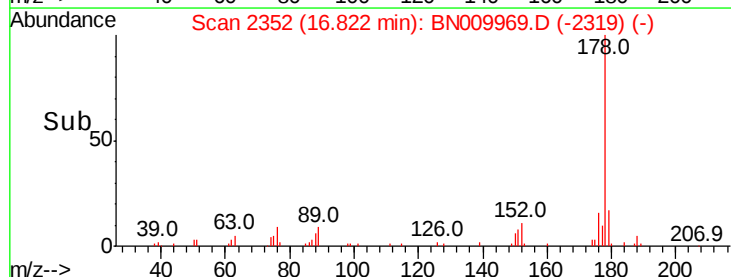
176 16.3 14.6 22.0

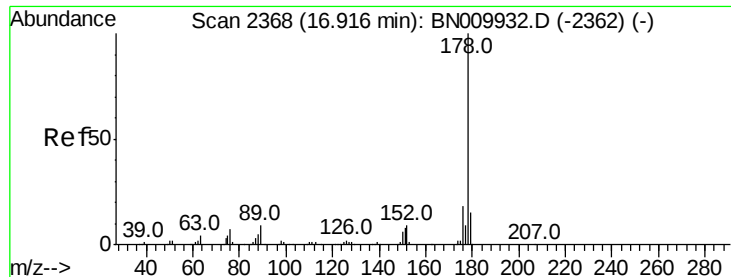


Abundance Ion 178.00 (177.70 to 178.70): E

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 :

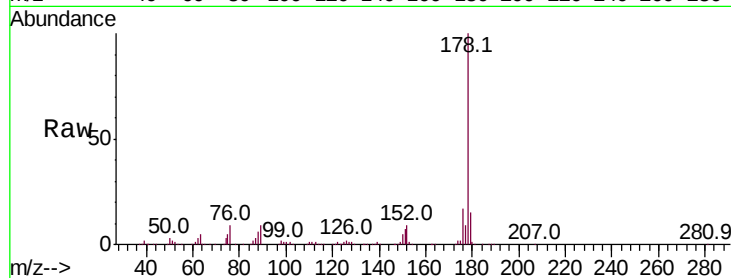
Tot Ion:178 Resp: 822891

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

178 100

179 15.2 12.2 18.2

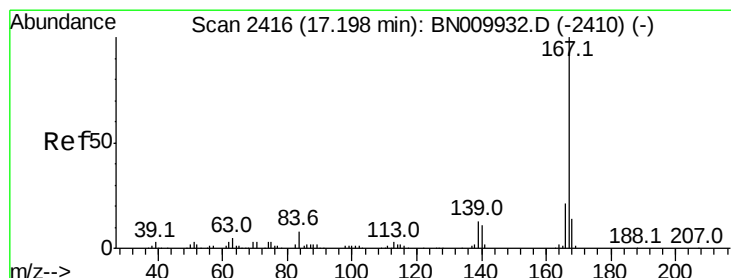
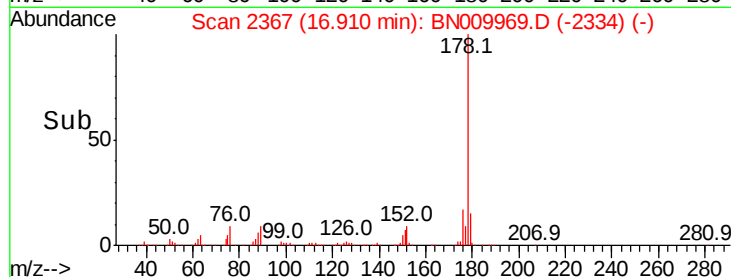
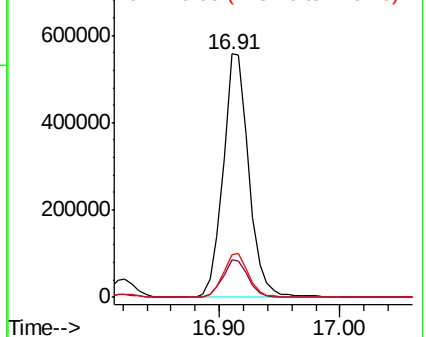
176 17.3 14.6 21.8



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



#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

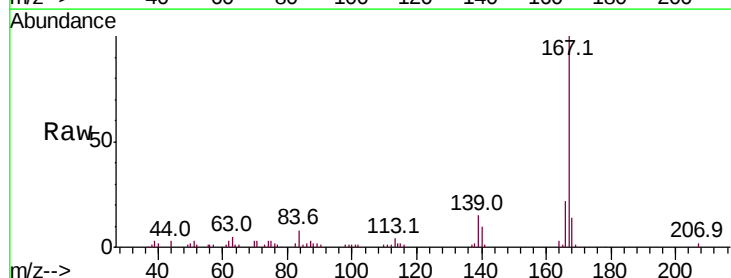
Tgt Ion:167 Resp: 119064

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

167 100

166 21.9 16.6 24.8

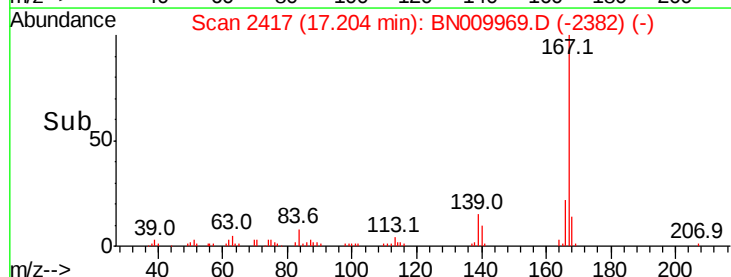
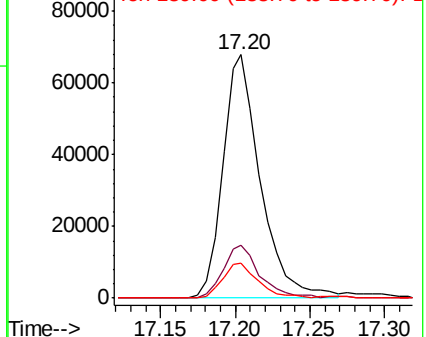
139 14.6 9.9 14.9

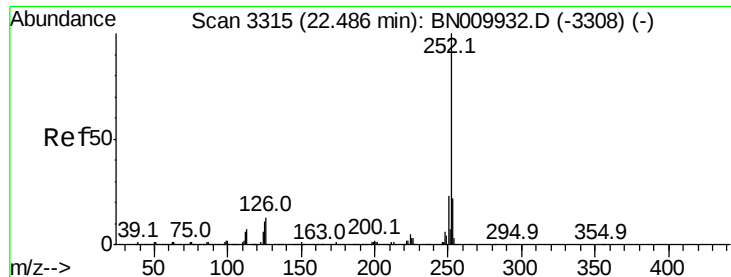


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#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

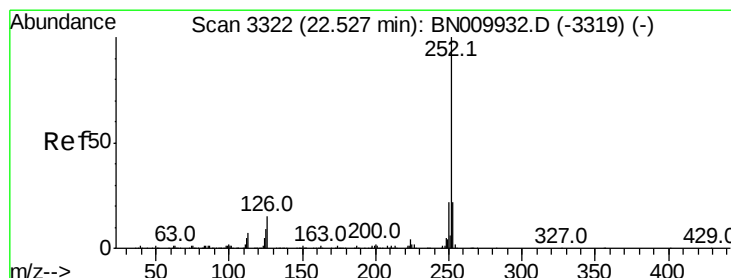
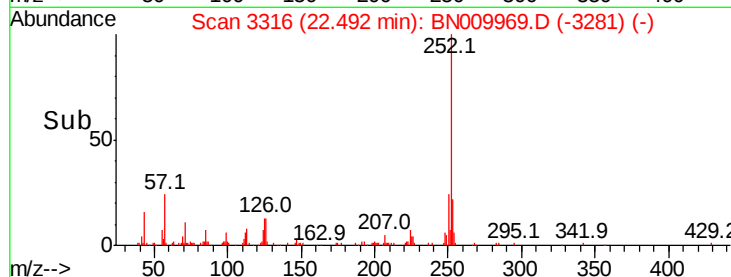
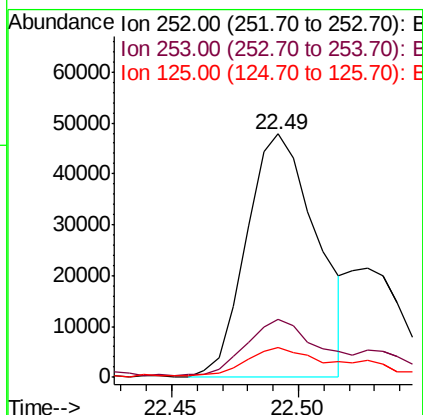
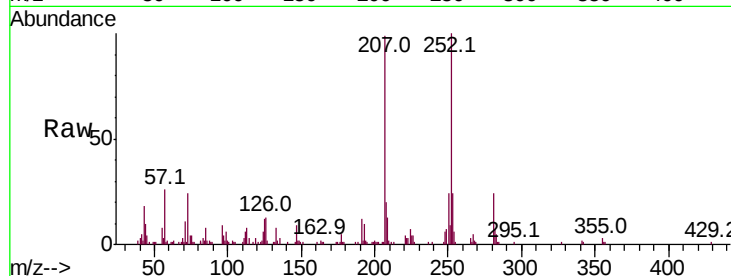
Acq: 27 Feb 2020 18:17

Instrument :

BNA_N

ClientSampleId :

Tot Ion:252	Resp:	92247
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: 2.985 ng/ul

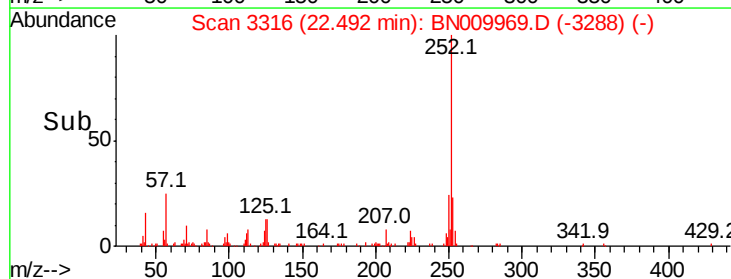
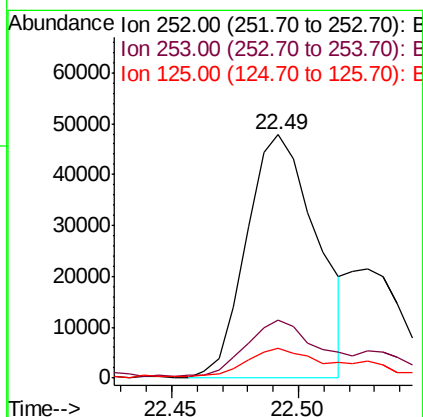
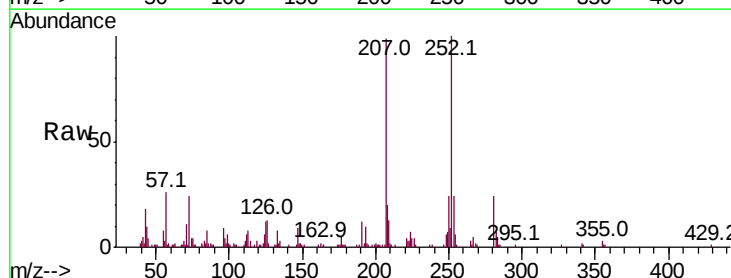
RT: 22.49 min Scan# 3316

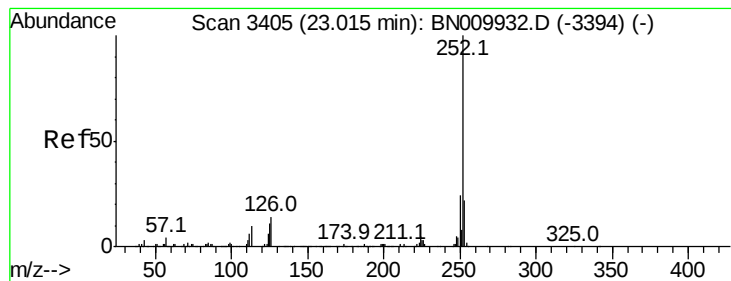
Delta R.T. -0.04 min

Lab File: BN009969.D

Acq: 27 Feb 2020 18:17

Tgt Ion:252	Resp:	92247
Ion Ratio	Lower	Upper
252	100	
253	23.7	18.0 27.0
125	12.4	8.2 12.2#





#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

Instrument :

BNA_N

ClientSampleId :

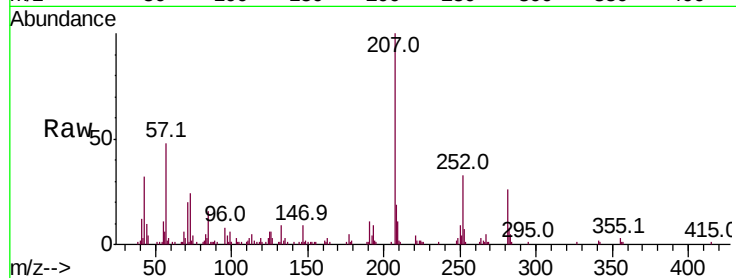
Tot Ion:252 Resp: 30069

Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

125 19.6 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

