

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
 Data File : BN002015.D
 Acq On : 11 Jul 2018 17:46
 Operator : JU/SJ
 Sample : J3775-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 11 22:43:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 11 22:41:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	593522	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	2659470	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1511317	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3248110	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2452376	20.00	ng/ul	0.00
83) Perylene-d12	23.53	264	2146473	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	60311	4.41	ng/uL	0.00
5) Phenol-d5	6.89	99	1704924	31.74	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.05	67	1004194	30.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1348526	31.67	ng/ul	0.01
13) 4-Methylphenol-d8	8.42	113	1365578	31.74	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	680141	34.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	783899	38.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	1435016	32.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	430677	9.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	4098466	32.11	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	5229049	33.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	760196	32.33	ng/ul	0.01
57) Fluorene-d10	15.34	176	3617759	32.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	492278	27.82	ng/ul	0.00
70) Anthracene-d10	17.19	188	5324345	33.93	ng/ul	0.00
76) Pyrene-d10	19.49	212	5192841	42.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	3889530	33.32	ng/ul	0.02

Target Compounds

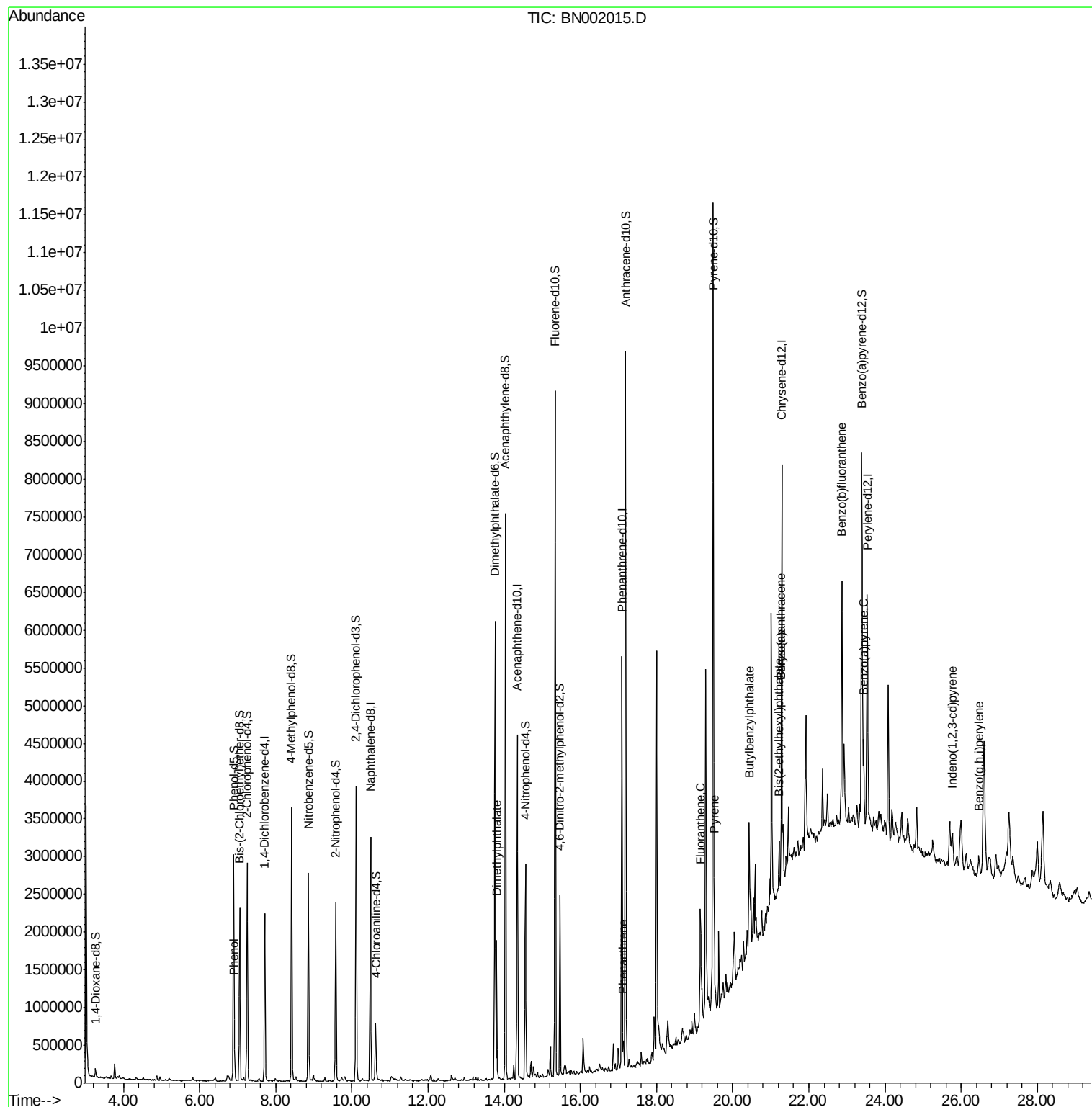
					Ovalue	
6) Phenol	6.92	94	100572	1.857	ng/ul#	90
44) Dimethylphthalate	13.80	163	1145050	9.129	ng/ul	99
69) Phenanthrene	17.13	178	232093	1.268	ng/ul	99
74) Fluoranthene	19.15	202	811958	4.222	ng/ul#	91
77) Pyrene	19.52	202	707827	4.612	ng/ul#	86
78) Butylbenzylphthalate	20.43	149	176408	2.694	ng/ul	90
80) Benzo(a)anthracene	21.27	228	260794	1.683	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.22	149	203744	2.086	ng/ul	99
82) Chrysene	21.27	228	261690	1.815	ng/ul	96
85) Benzo(b)fluoranthene	22.86	252	516254	3.808	ng/ul#	81
88) Benzo(a)pyrene	23.43	252	278782	2.201	ng/ul#	80
89) Indeno(1,2,3-cd)pyrene	25.77	276	256554	1.903	ng/ul#	81
91) Benzo(g,h,i)perylene	26.46	276	260894	2.346	ng/ul#	85

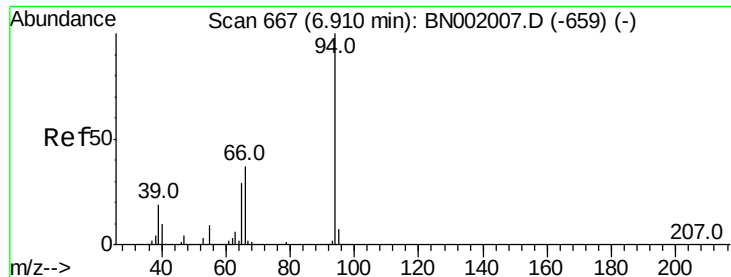
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 1.857 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. 0.01 min

Lab File: BN002015.D

Acq: 11 Jul 2018 17:46

Instrument :

BNA_N

ClientSampleId :

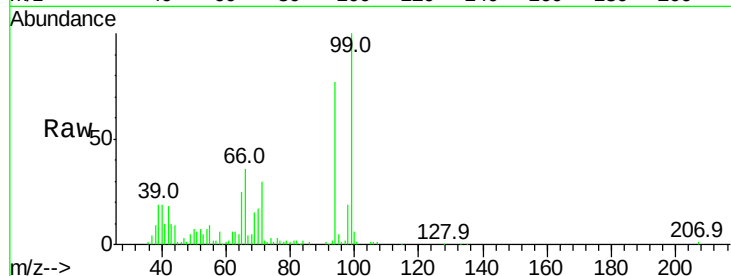
Tot Ion: 94 Resp: 100572

Ion Ratio Lower Upper

94 100

65 31.9 23.0 34.6

66 46.2 30.4 45.6#



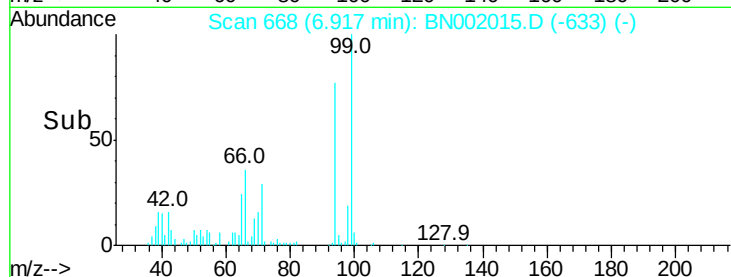
Abundance Ion 94.00 (93.70 to 94.70): BN002007.D (-659) (-)

Ion 65.00 (64.70 to 65.70): BN002007.D (-659) (-)

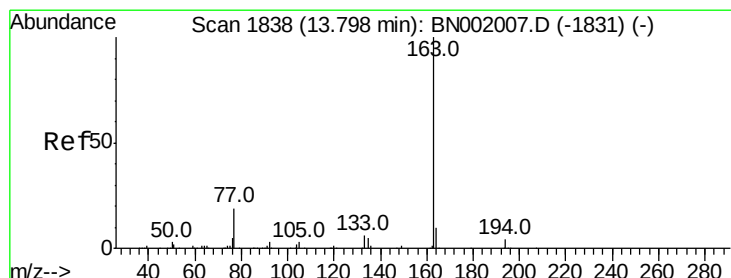
Ion 66.00 (65.70 to 66.70): BN002007.D (-659) (-)

6.92

Time-->



Time-->



#44

Dimethylphthalate

Concen: 9.129 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BN002015.D

Acq: 11 Jul 2018 17:46

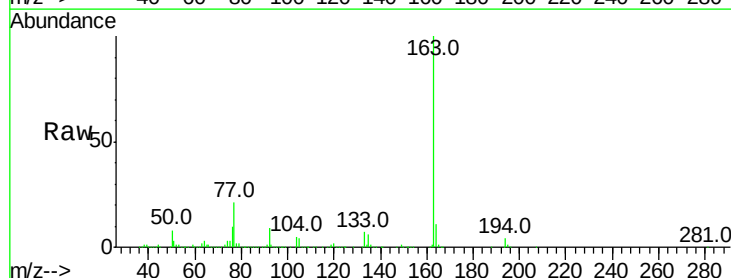
Tgt Ion:163 Resp: 1145050

Ion Ratio Lower Upper

163 100

194 4.2 4.0 6.0

164 10.7 8.4 12.6



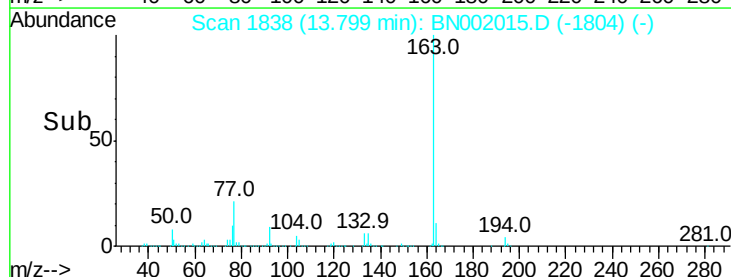
Abundance Ion 163.00 (162.70 to 163.70): BN002007.D (-1831) (-)

Ion 194.00 (193.70 to 194.70): BN002007.D (-1831) (-)

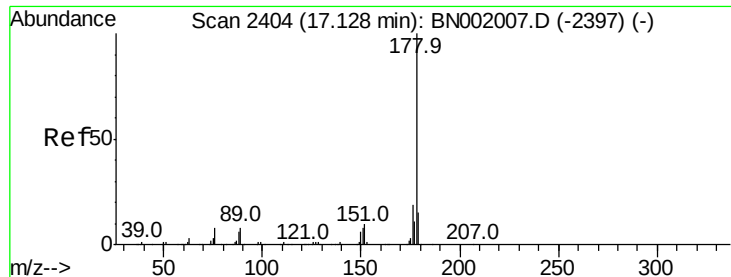
Ion 164.00 (163.70 to 164.70): BN002007.D (-1831) (-)

13.80

Time-->



Time-->



#69

Phenanthrene

Concen: 1.268 ng/ul

RT: 17.13 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BN002015.D

Acq: 11 Jul 2018 17:46

Instrument :

BNA_N

ClientSampleId :

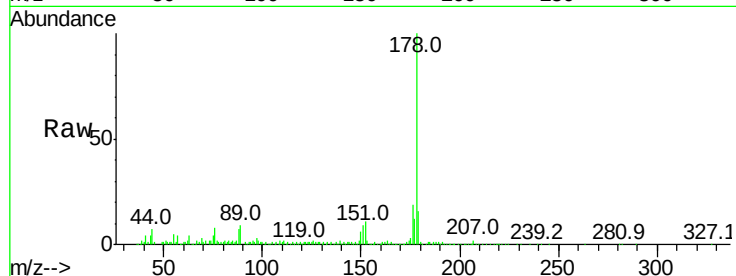
Tot Ion:178 Resp: 232093

Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

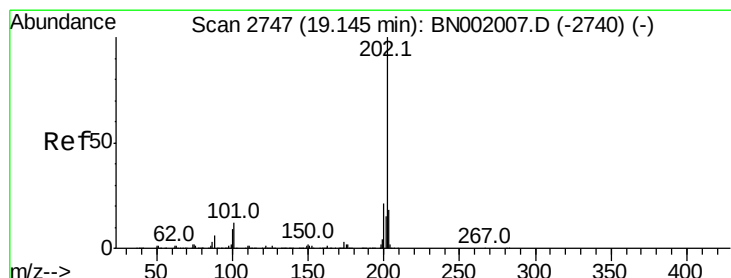
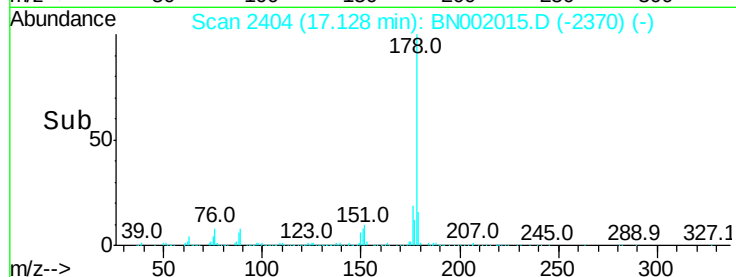
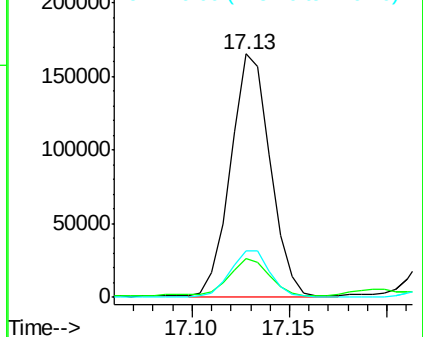
176 18.9 15.4 23.0



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



#74

Fluoranthene

Concen: 4.222 ng/ul

RT: 19.15 min Scan# 2748

Delta R.T. 0.01 min

Lab File: BN002015.D

Acq: 11 Jul 2018 17:46

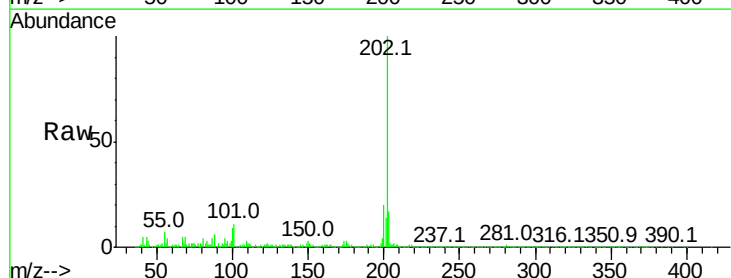
Tgt Ion:202 Resp: 811958

Ion Ratio Lower Upper

202 100

101 11.0 6.1 9.1#

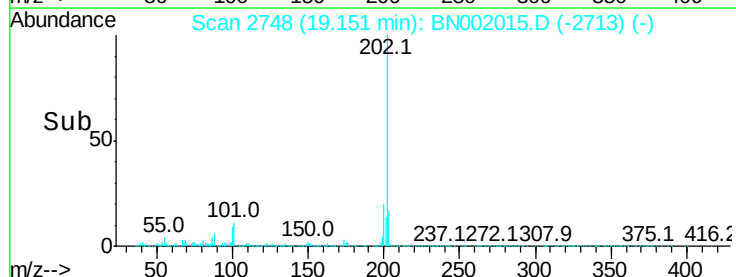
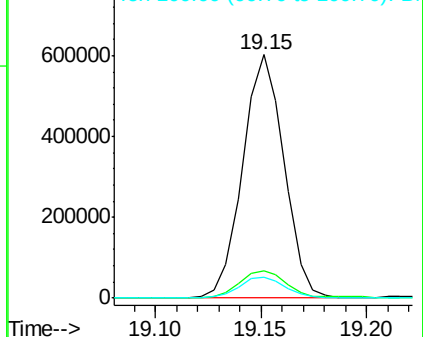
100 8.8 4.6 7.0#

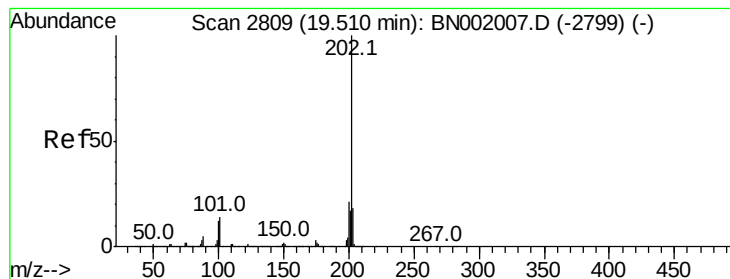


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 4.612 ng/ul

RT: 19.52 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BN002015.D

Acq: 11 Jul 2018 17:46

Instrument :

BNA_N

ClientSampleId :

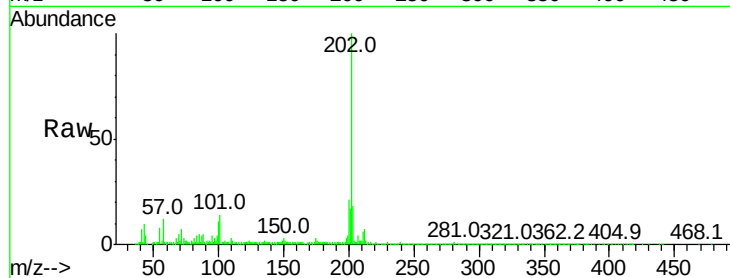
Tot Ion:202 Resp: 707827

Ion Ratio Lower Upper

202 100

101 14.4 6.9 10.3#

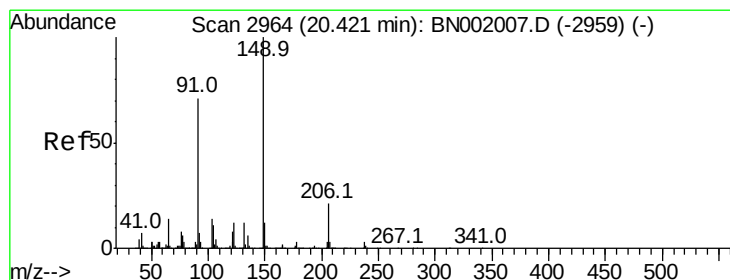
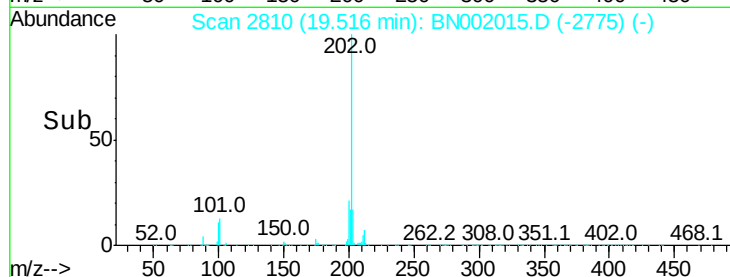
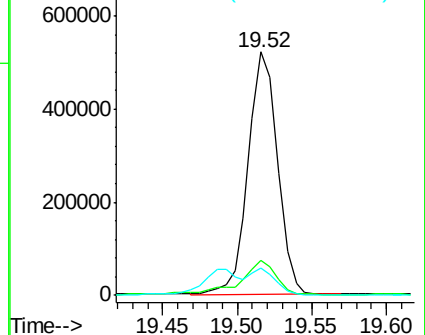
100 11.2 5.6 8.4#



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): E



#78

Butylbenzylphthalate

Concen: 2.694 ng/ul

RT: 20.43 min Scan# 2965

Delta R.T. 0.01 min

Lab File: BN002015.D

Acq: 11 Jul 2018 17:46

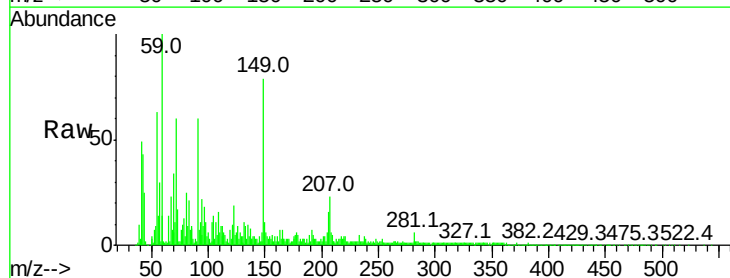
Tgt Ion:149 Resp: 176408

Ion Ratio Lower Upper

149 100

91 76.0 53.4 80.0

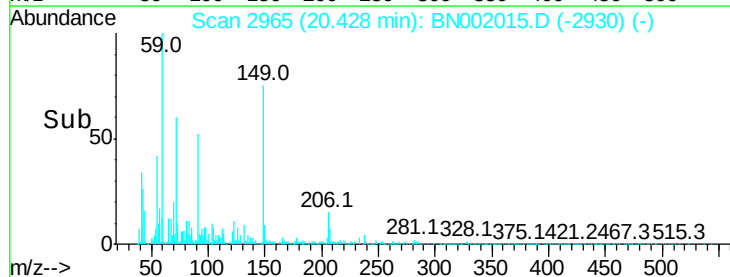
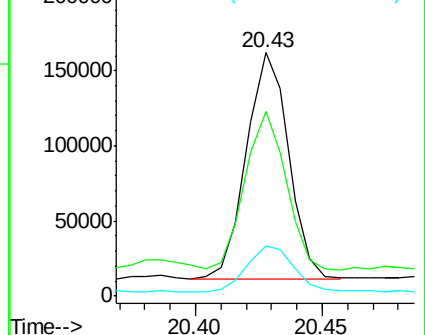
206 20.8 19.3 28.9

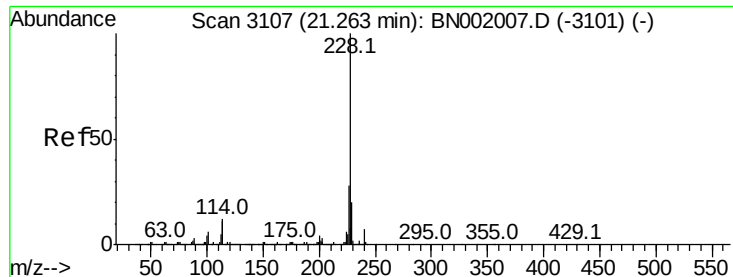


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 1.683 ng/ul

RT: 21.27 min Scan# 3108

Delta R.T. 0.01 min

Lab File: BN002015.D

Acq: 11 Jul 2018 17:46

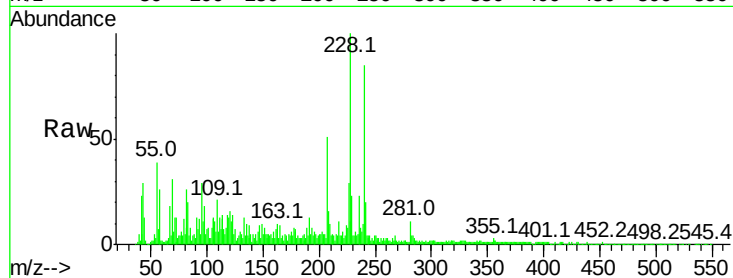
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 260794

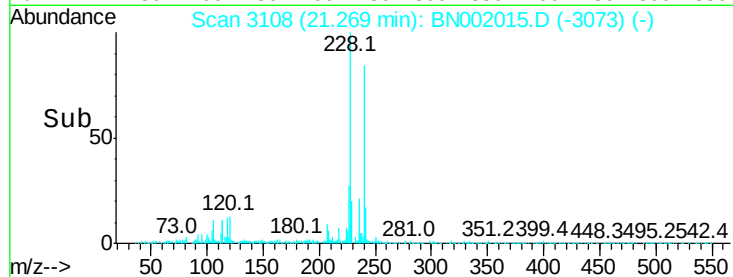
Ion	Ratio	Lower	Upper
228	100		
229	23.1	16.0	24.0
226	29.0	21.8	32.8



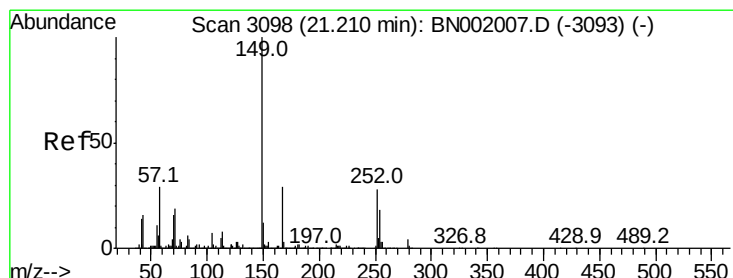
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->



#81

Bis(2-ethylhexyl)phthalate

Concen: 2.086 ng/ul

RT: 21.22 min Scan# 3099

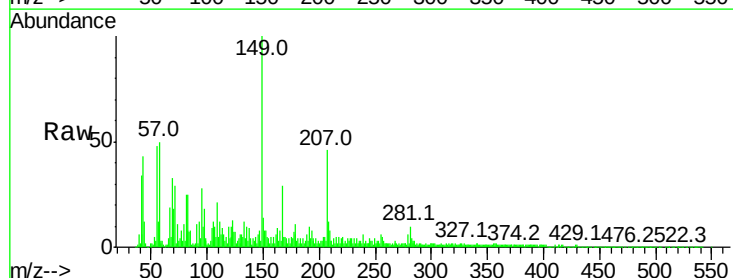
Delta R.T. 0.01 min

Lab File: BN002015.D

Acq: 11 Jul 2018 17:46

Tgt Ion:149 Resp: 203744

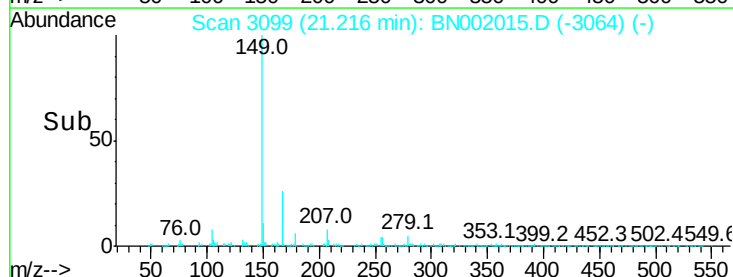
Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.0	34.6
279	5.9	4.3	6.5



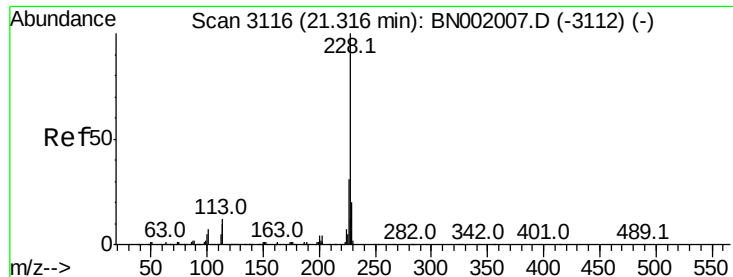
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



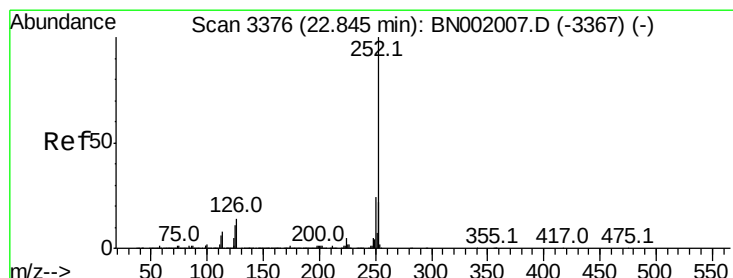
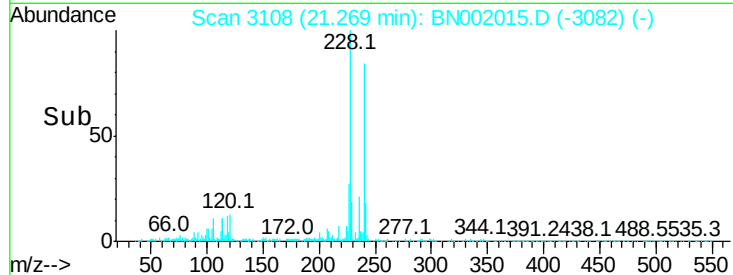
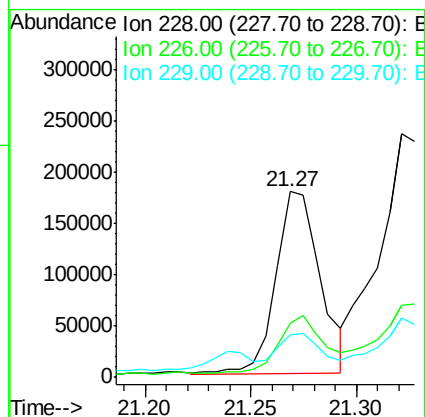
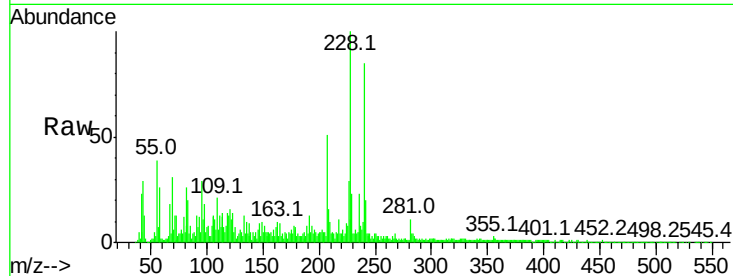
Time-->



#82
Chrysene
Concen: 1.815 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. -0.05 min
Lab File: BN002015.D
Acq: 11 Jul 2018 17:46

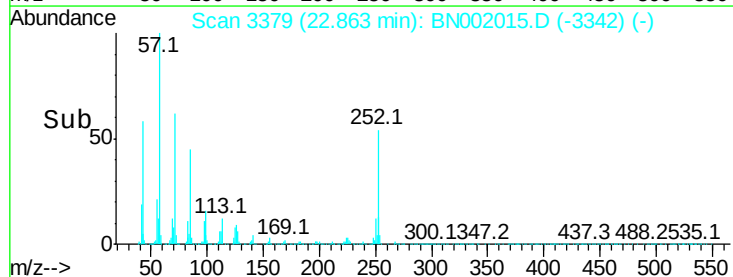
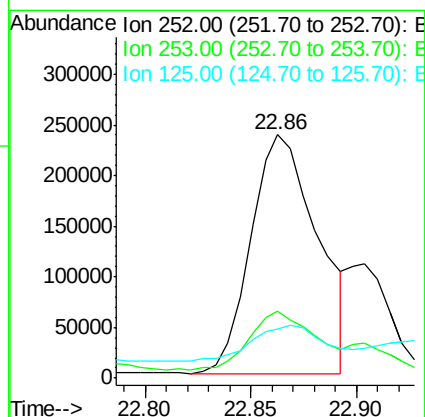
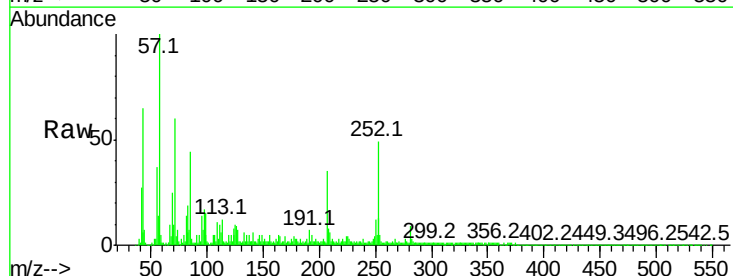
Instrument :
BNA_N
ClientSampleId :

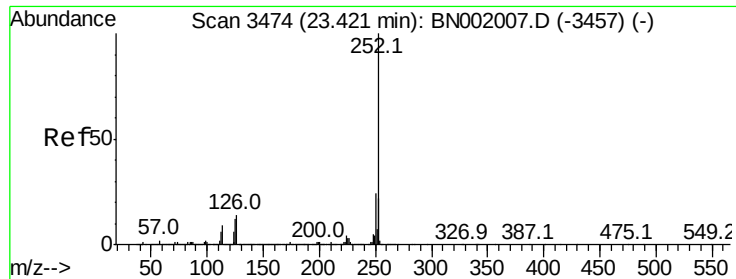
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.1	36.1
229	23.1	16.0	24.0



#85
Benzo(b)fluoranthene
Concen: 3.808 ng/ul
RT: 22.86 min Scan# 3379
Delta R.T. 0.02 min
Lab File: BN002015.D
Acq: 11 Jul 2018 17:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.4	26.0#
125	20.3	4.9	7.3#





#88

Benzo(a)pyrene

Concen: 2.201 ng/ul

RT: 23.43 min Scan# 3476

Delta R.T. 0.01 min

Lab File: BN002015.D

Acq: 11 Jul 2018 17:46

Instrument :

BNA_N

ClientSampleId :

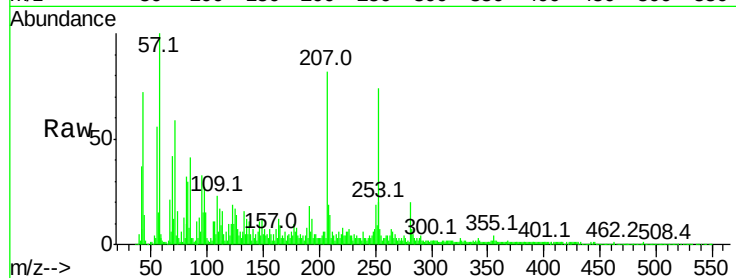
Tot Ion:252 Resp: 278782

Ion Ratio Lower Upper

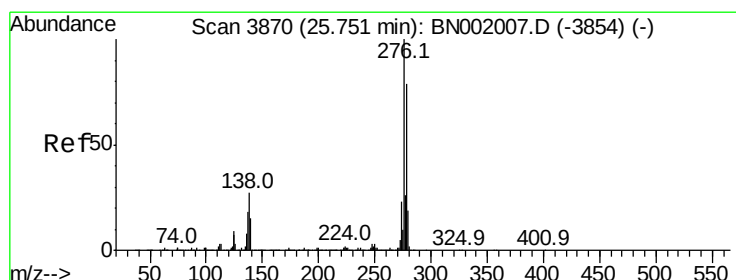
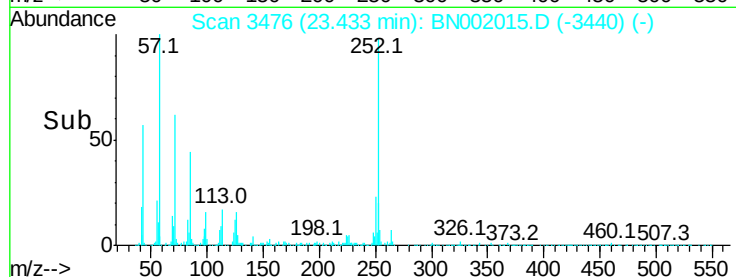
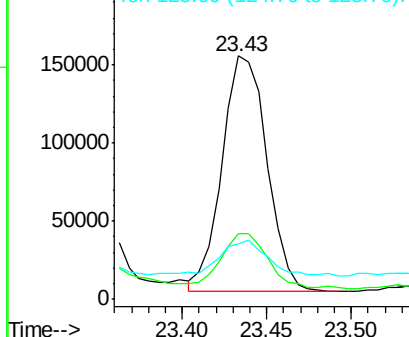
252 100

253 27.2 17.2 25.8#

125 22.8 5.8 8.6#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.903 ng/ul

RT: 25.77 min Scan# 3874

Delta R.T. 0.02 min

Lab File: BN002015.D

Acq: 11 Jul 2018 17:46

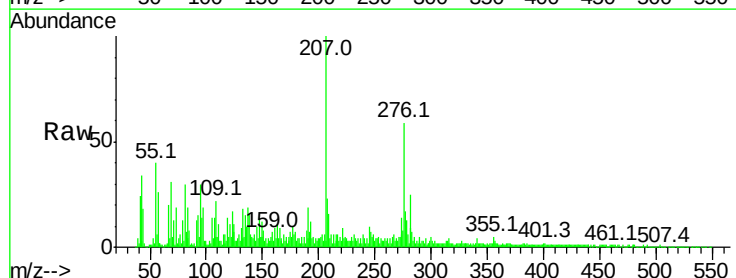
Tgt Ion:276 Resp: 256554

Ion Ratio Lower Upper

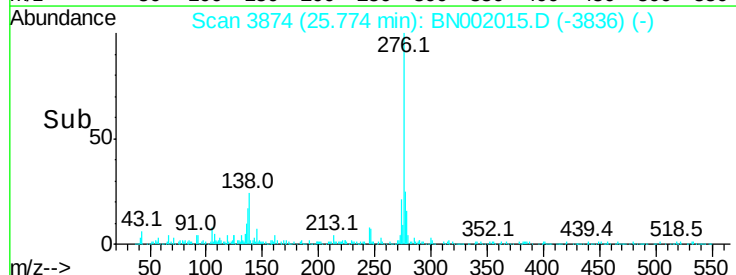
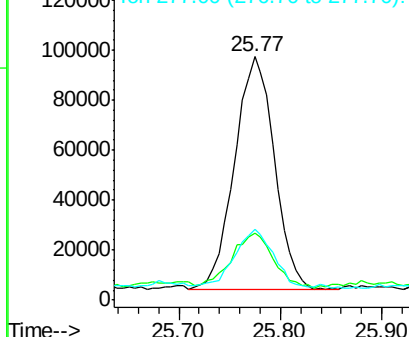
276 100

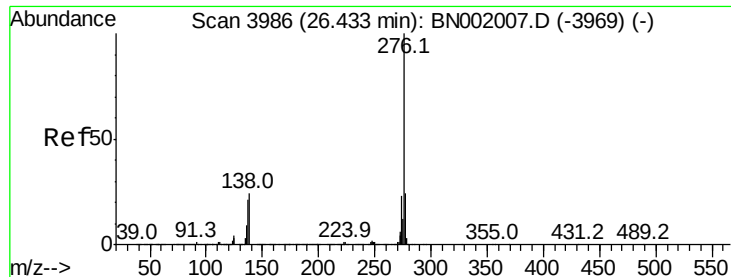
138 27.6 10.9 16.3#

277 28.8 18.9 28.3#



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





#91

Benzo(a,h,i)perylene

Concen: 2.346 ng/ul

RT: 26.46 min Scan# 3991

Delta R.T. 0.03 min

Lab File: BN002015.D

Acq: 11 Jul 2018 17:46

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 260894

Ion Ratio Lower Upper

276 100

138 25.7 11.2 16.8#

277 27.0 19.0 28.6

