

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005951.D
 Acq On : 30 May 2019 03:11
 Operator : JU/SJ
 Sample : K2928-07RE
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 30 05:03:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 02:28:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	612191	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	2732590	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.38	164	1499175	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.13	188	2994983	20.00	ng/ul	0.01
77) Chrysene-d12	21.34	240	1870683	20.00	ng/ul	0.01
85) Perylene-d12	23.61	264	1997595	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	43467	3.12	ng/uL	0.00
5) Phenol-d5	6.91	99	773747	14.26	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	542886	17.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	678666	16.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	425337	9.71	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	518	0.03	ng/ul	0.11
22) 2-Nitrophenol-d4	9.61	143	298901	18.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	632307	16.39	ng/ul	0.01
29) 4-Chloroaniline-d4	10.66	131	686614	13.58	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	2111029	19.10	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	2528283	18.29	ng/ul	0.01
51) 4-Nitrophenol-d4	14.58	143	206795	10.28	ng/ul	0.02
57) Fluorene-d10	15.38	176	1744000	18.82	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.51	200	10611	0.87	ng/ul	0.03
70) Anthracene-d10	17.23	188	2264076	17.76	ng/ul	0.01
78) Pyrene-d10	19.54	212	2044683	21.64	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.47	264	1538715	17.26	ng/ul	0.02

Target Compounds

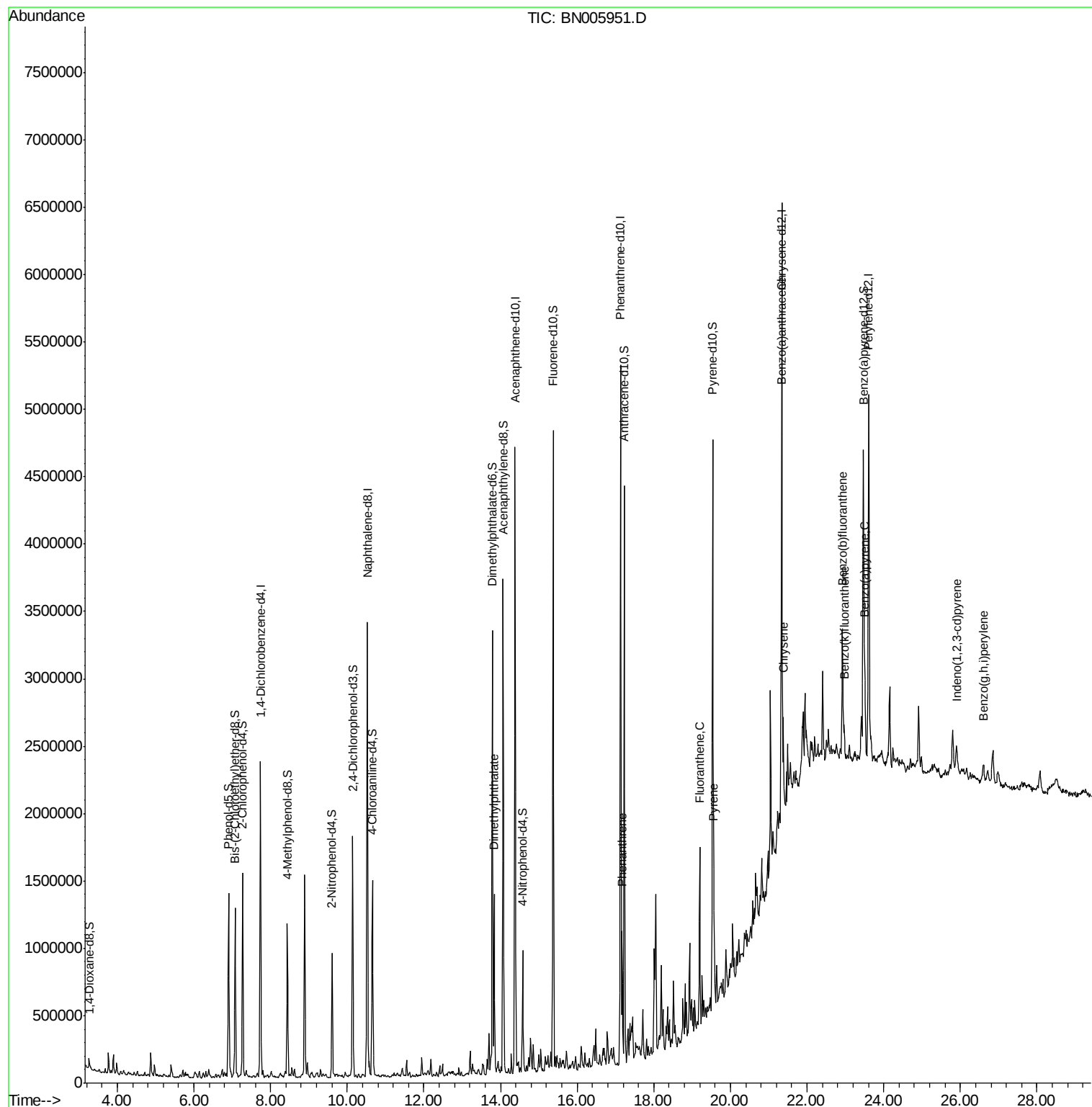
					Ovalue	
44) Dimethylphthalate	13.84	163	773924	7.006	ng/ul	100
69) Phenanthrene	17.17	178	572700	3.859	ng/ul	99
76) Fluoranthene	19.20	202	636520	4.018	ng/ul	96
79) Pyrene	19.56	202	544818	4.598	ng/ul#	94
82) Benzo(a)anthracene	21.32	228	301033	2.560	ng/ul#	83
84) Chrysene	21.38	228	453381	4.134	ng/ul#	91
87) Benzo(b)fluoranthene	22.93	252	387545	3.454	ng/ul#	90
88) Benzo(k)fluoranthene	22.97	252	119460	1.158	ng/ul#	83
90) Benzo(a)pyrene	23.51	252	258011	2.439	ng/ul#	86
91) Indeno(1,2,3-cd)pyrene	25.90	276	179250	1.444	ng/ul#	86
93) Benzo(g,h,i)perylene	26.61	276	145054	1.387	ng/ul#	86

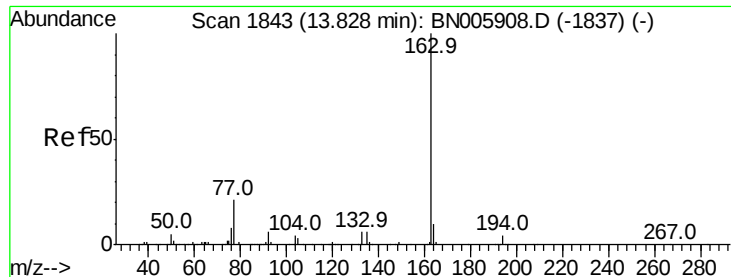
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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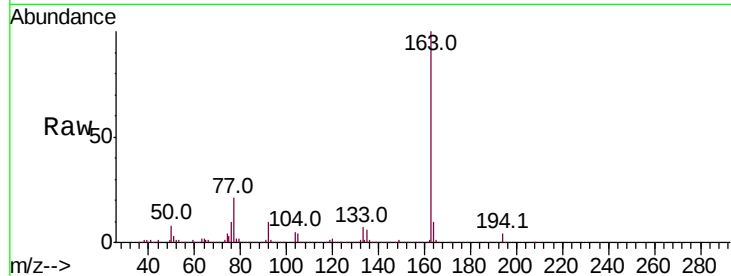




#44
Dimethylphthalate
Concen: 7.006 ng/ul
RT: 13.84 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BN005951.D
Acq: 30 May 2019 03:11

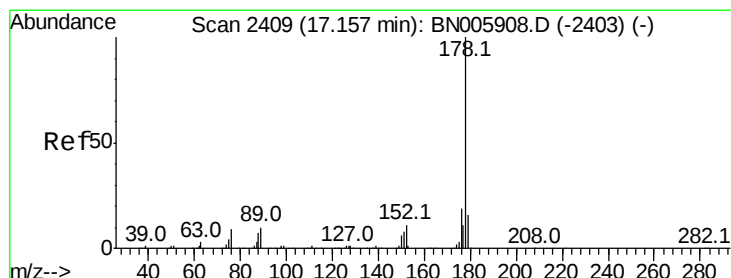
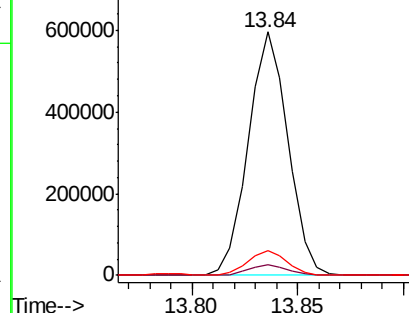
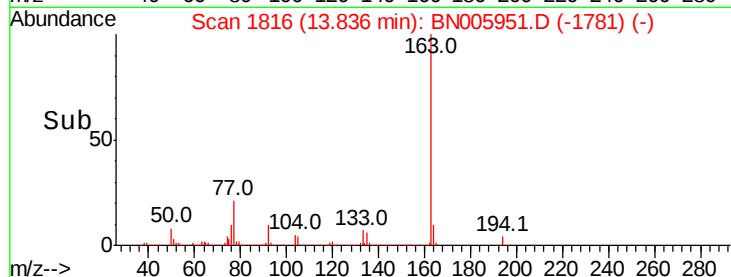
Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.9	8.1	12.1



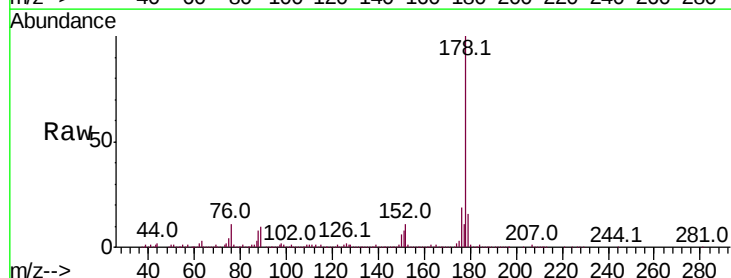
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

13.84



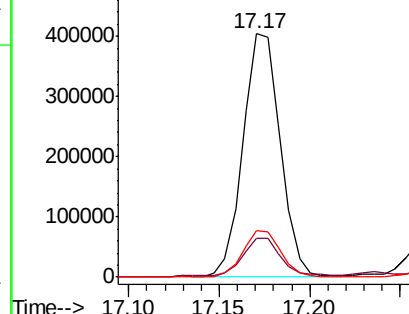
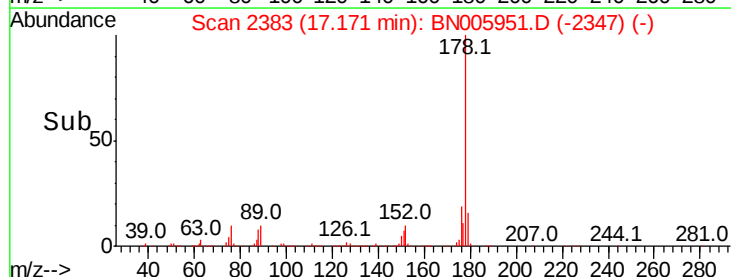
#69
Phenanthrene
Concen: 3.859 ng/ul
RT: 17.17 min Scan# 2383
Delta R.T. 0.01 min
Lab File: BN005951.D
Acq: 30 May 2019 03:11

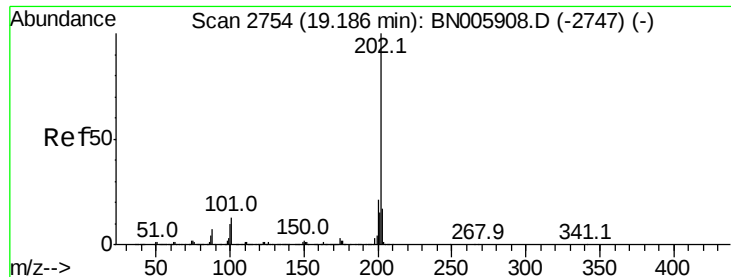
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.4
176	19.1	15.1	22.7



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

17.17

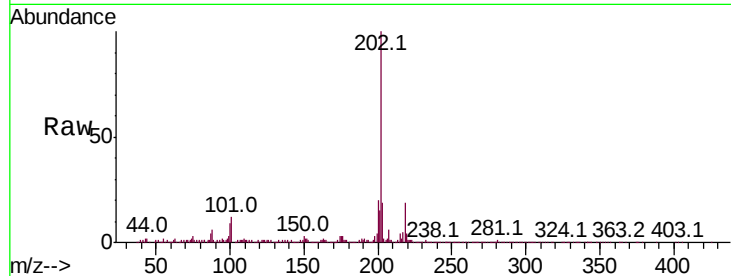




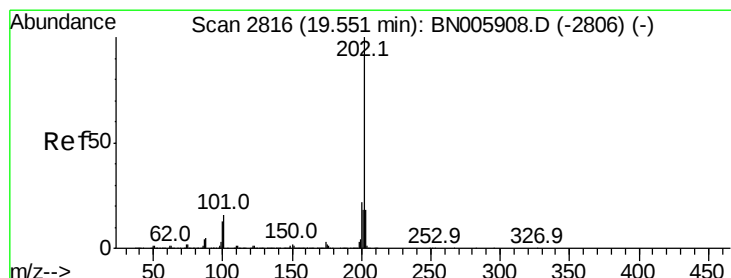
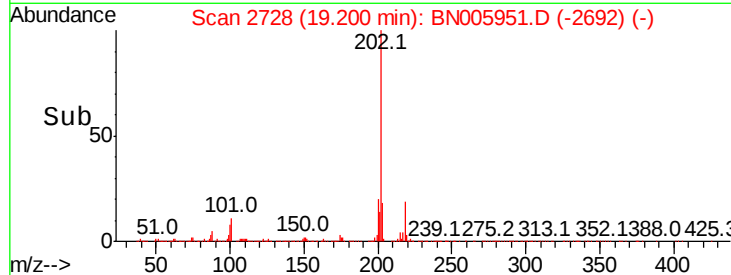
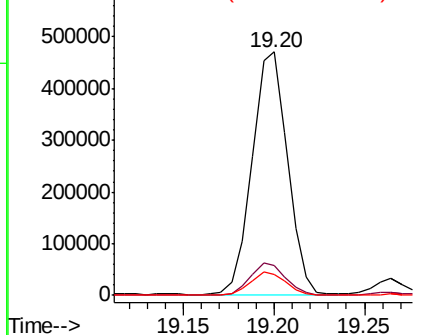
#76
Fluoranthene
Concen: 4.018 ng/ul
RT: 19.20 min Scan# 2728
Delta R.T. 0.01 min
Lab File: BN005951.D
Acq: 30 May 2019 03:11

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.6	12.8
100	8.8	6.3	9.5

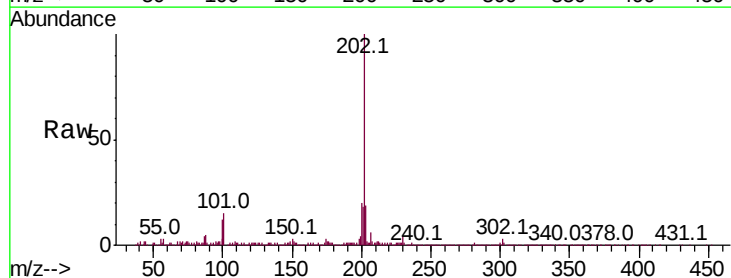


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

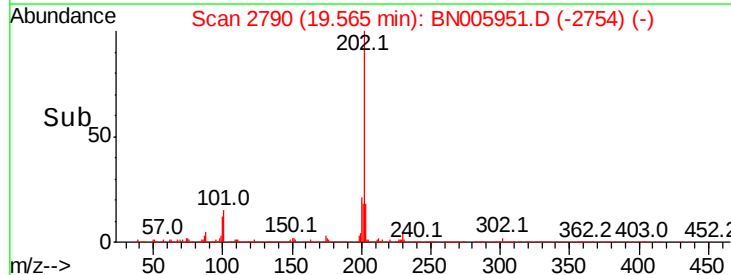
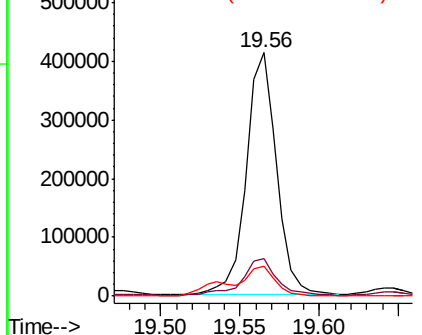


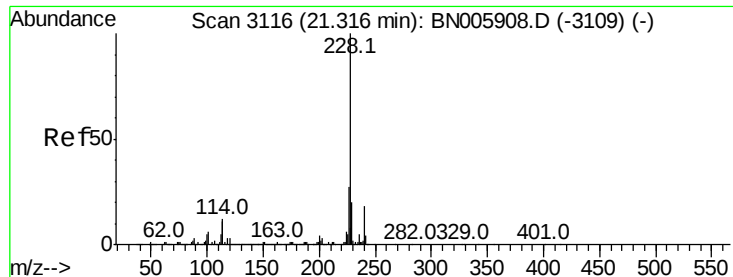
#79
Pyrene
Concen: 4.598 ng/ul
RT: 19.56 min Scan# 2790
Delta R.T. 0.01 min
Lab File: BN005951.D
Acq: 30 May 2019 03:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	10.3	15.5
100	12.2	7.9	11.9



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: 2.560 ng/ul

RT: 21.32 min Scan# 3089

Delta R.T. 0.01 min

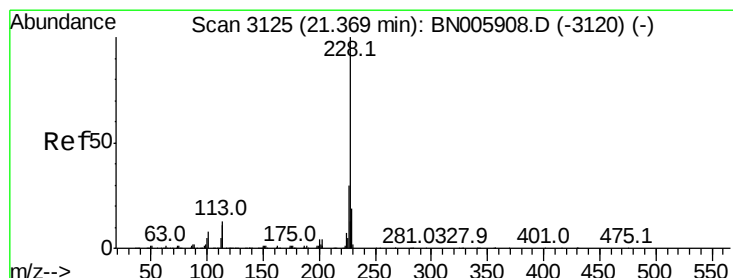
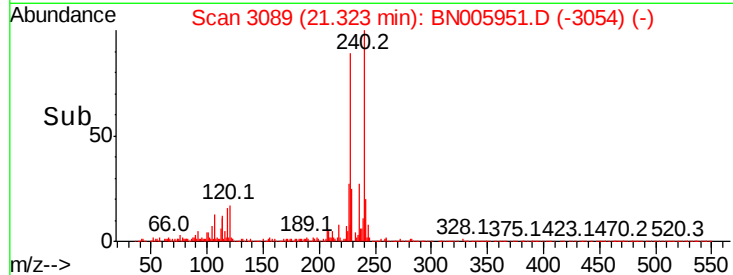
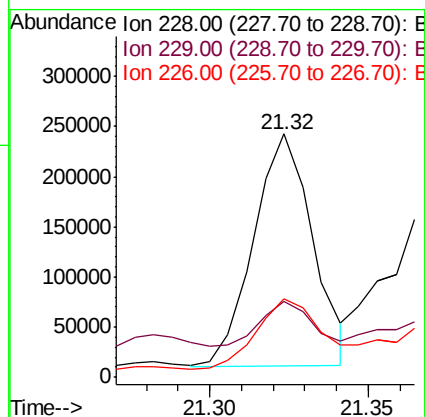
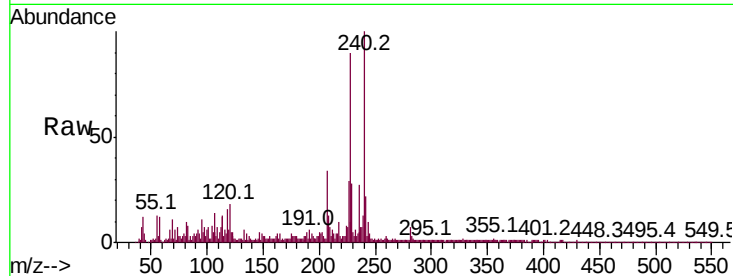
Lab File: BN005951.D

Acq: 30 May 2019 03:11

Instrument :
BNA_N
ClientSampleId :

Tot Ion:228 Resp: 301033

Ion	Ratio	Lower	Upper
228	100		
229	31.2	15.8	23.6#
226	32.4	21.4	32.2#



#84

Chrysene

Concen: 4.134 ng/ul

RT: 21.38 min Scan# 3098

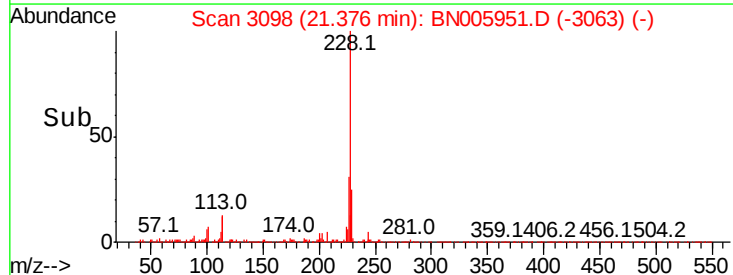
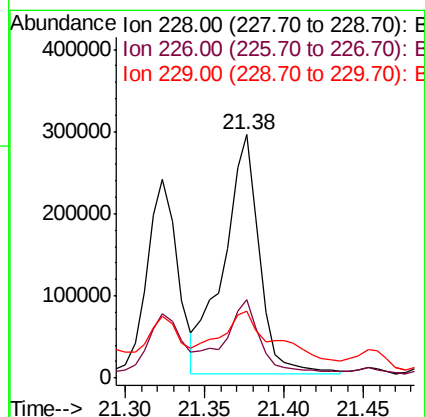
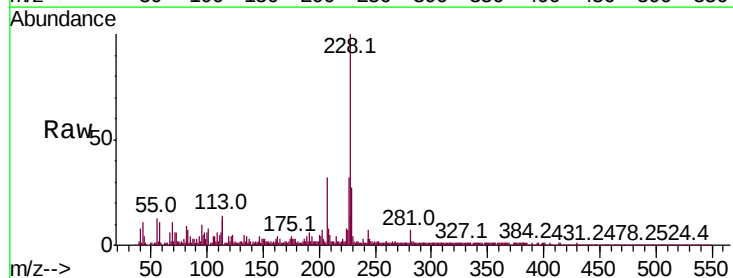
Delta R.T. 0.01 min

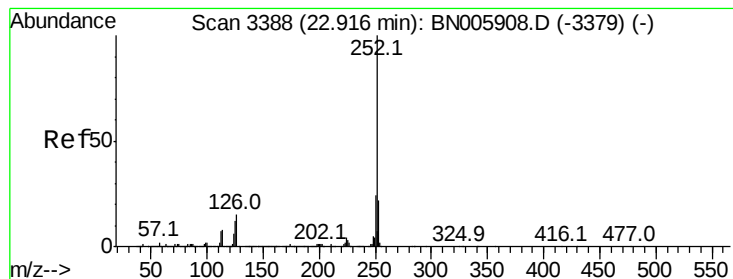
Lab File: BN005951.D

Acq: 30 May 2019 03:11

Tgt Ion:228 Resp: 453381

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.0	36.0
229	27.3	15.4	23.0#





#87

Benzo(b)fluoranthene

Concen: 3.454 ng/ul

RT: 22.93 min Scan# 3362

Delta R.T. 0.01 min

Lab File: BN005951.D

Acq: 30 May 2019 03:11

Instrument :

BNA_N

ClientSampleId :

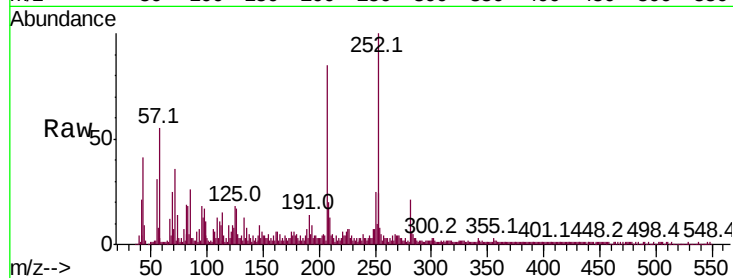
Tot Ion:252 Resp: 387545

Ion Ratio Lower Upper

252 100

253 24.5 17.7 26.5

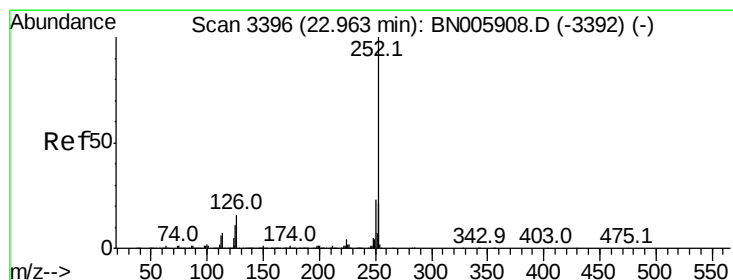
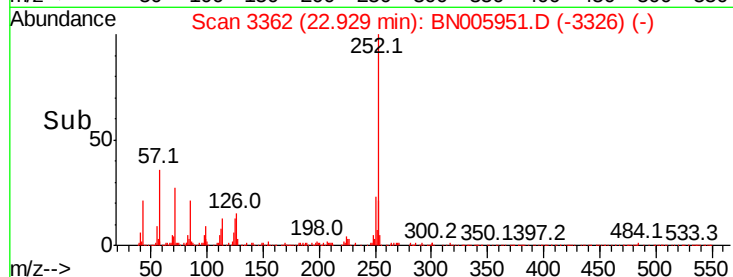
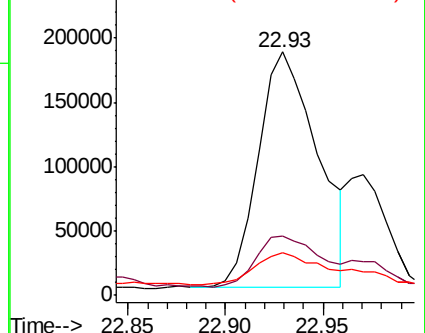
125 17.7 8.4 12.6#



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: 1.158 ng/ul

RT: 22.97 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BN005951.D

Acq: 30 May 2019 03:11

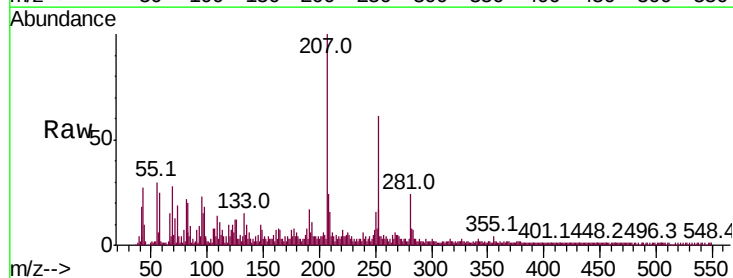
Tgt Ion:252 Resp: 119460

Ion Ratio Lower Upper

252 100

253 28.1 17.4 26.0#

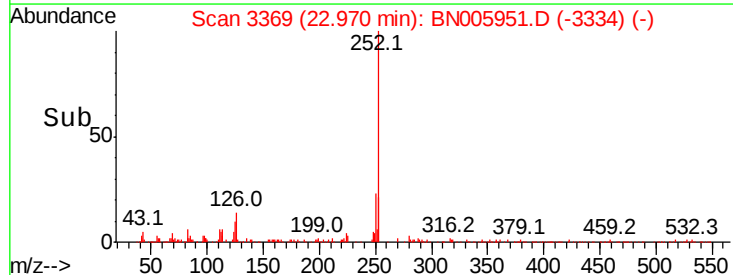
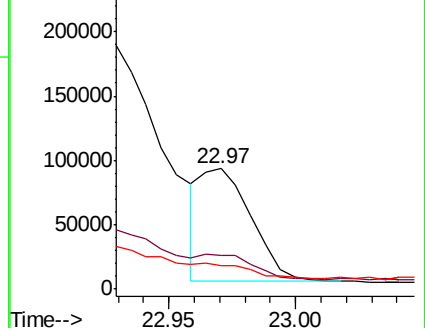
125 19.0 7.5 11.3#

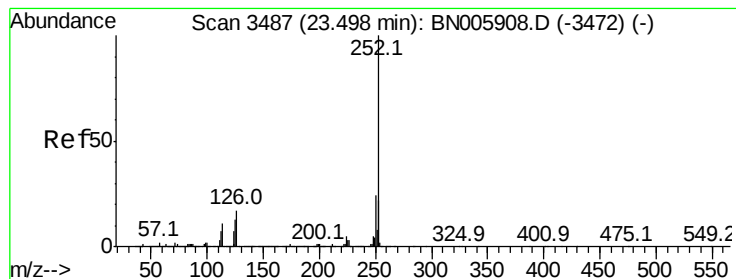


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 2.439 ng/ul

RT: 23.51 min Scan# 3461

Delta R.T. 0.01 min

Lab File: BN005951.D

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Instrument :

BNA_N

ClientSampleId :

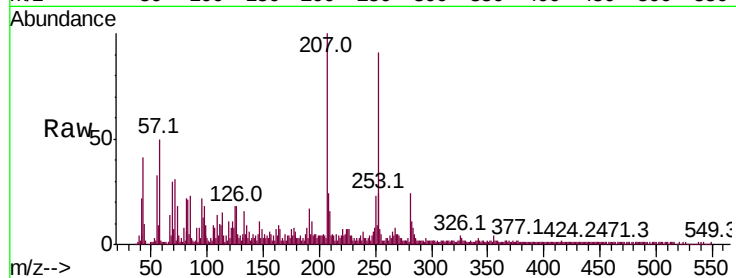
Tot Ion:252 Resp: 258011

Ion Ratio Lower Upper

252 100

253 26.3 17.3 25.9#

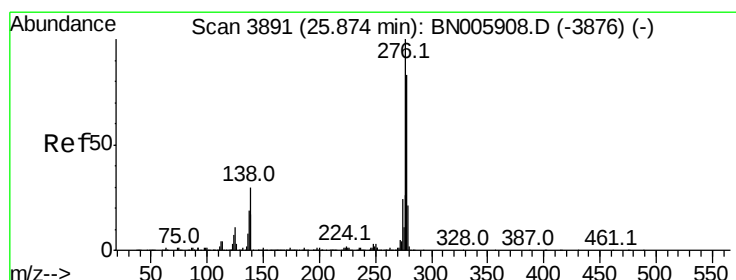
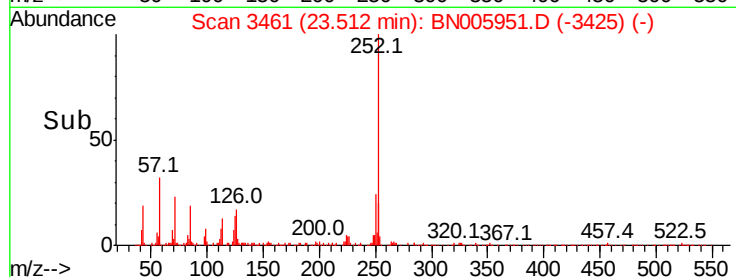
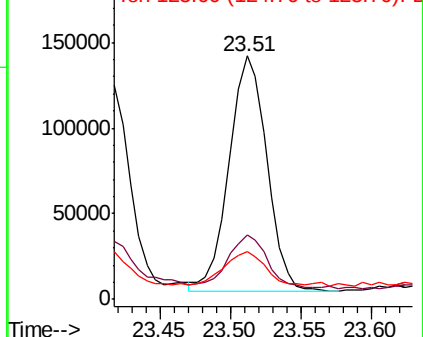
125 19.6 8.6 13.0#



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: 1.444 ng/ul

RT: 25.90 min Scan# 3867

Delta R.T. 0.03 min

Lab File: BN005951.D

Acq: 30 May 2019 03:11

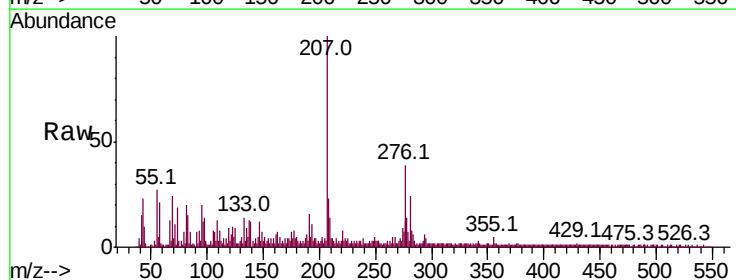
Tgt Ion:276 Resp: 179250

Ion Ratio Lower Upper

276 100

138 29.9 17.9 26.9#

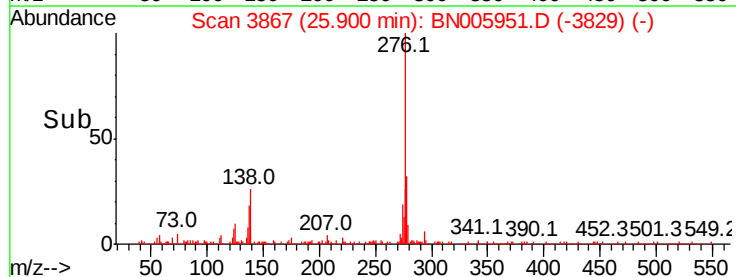
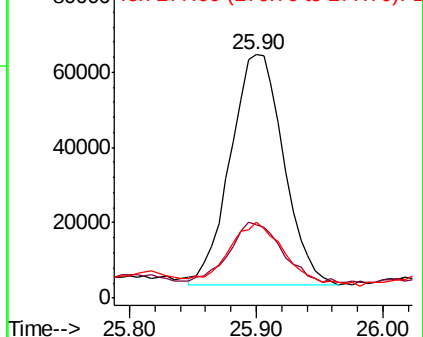
277 31.2 19.7 29.5#

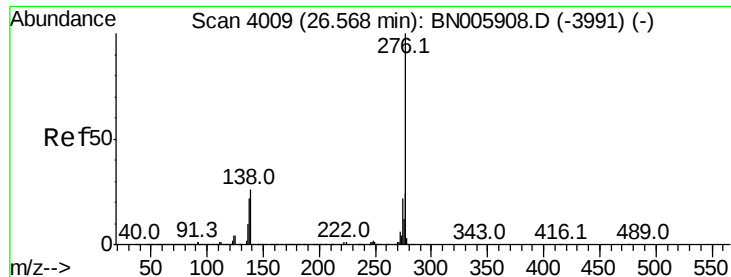


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 1.387 ng/ul

RT: 26.61 min Scan# 3987

Delta R.T. 0.04 min

Lab File: BN005951.D

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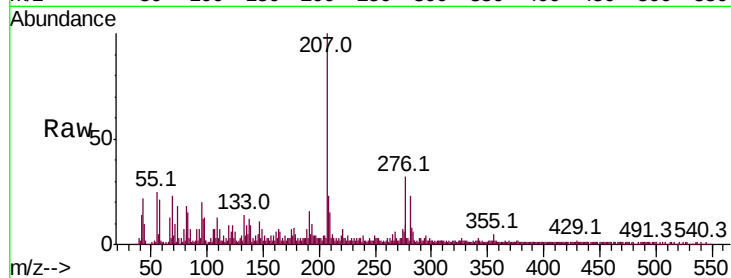
Tot Ion:276 Resp: 145054

Ion Ratio Lower Upper

276 100

138 28.2 16.7 25.1#

277 29.1 18.2 27.2#



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

