

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005307.D
 Acq On : 26 Apr 2019 07:03
 Operator : JU/SJ
 Sample : K2456-10 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 26 07:50:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	507739	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2168191	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1286694	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2923578	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2776633	20.00	ng/ul	-0.02
85) Perylene-d12	23.40	264	2604355	20.00	ng/ul	-0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	3122	0.30	ng/uL	0.00
5) Phenol-d5	6.78	99	71248	1.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	45939	1.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	57903	1.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	59551	1.91	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	30810	2.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	30485	2.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	63155	2.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	45795	1.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	222054	2.38	ng/ul	-0.01
46) Acenaphthylene-d8	13.92	160	268158	2.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	23254	1.58	ng/ul	0.00
57) Fluorene-d10	15.23	176	196710	2.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	17131	1.30	ng/ul	0.00
70) Anthracene-d10	17.07	188	316234	2.58	ng/ul	-0.01
78) Pyrene-d10	19.39	212	341782	2.41	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	268261	2.36	ng/ul	-0.04

Target Compounds

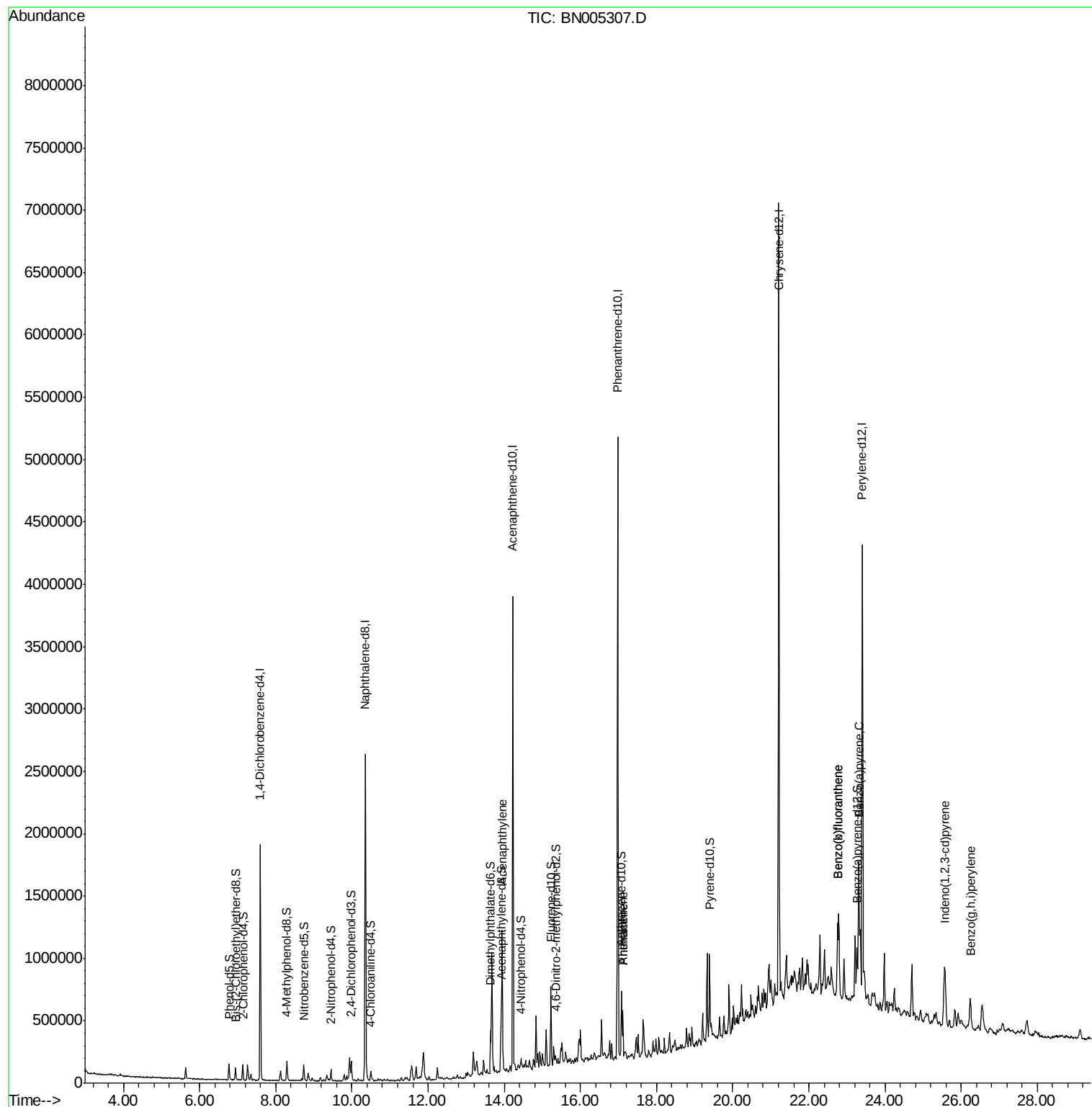
					Ovalue
47) Acenaphthylene	13.95	152	832378	7.383	ng/ul 99
69) Phenanthrene	17.11	178	258168	1.813	ng/ul 97
71) Anthracene	17.11	178	258168	1.780	ng/ul 97
87) Benzo(b)fluoranthene	22.76	252	602875	4.118	ng/ul 96
88) Benzo(k)fluoranthene	22.76	252	602875	4.312	ng/ul 95
90) Benzo(a)pyrene	23.31	252	740305	5.380	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.58	276	338810	2.227	ng/ul 97
93) Benzo(a,h,i)perylene	26.24	276	273569	2.175	ng/ul 98

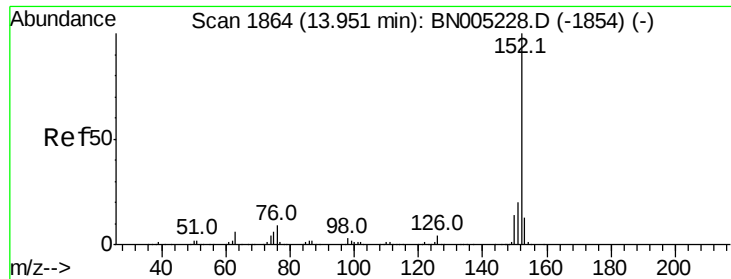
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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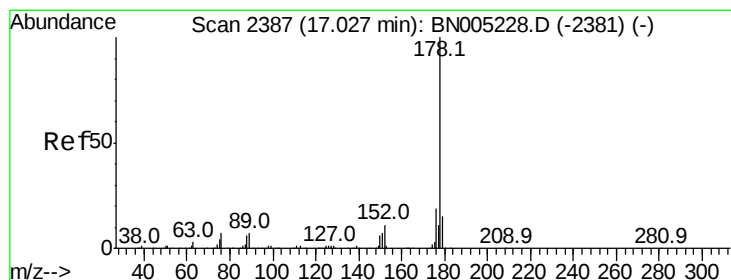
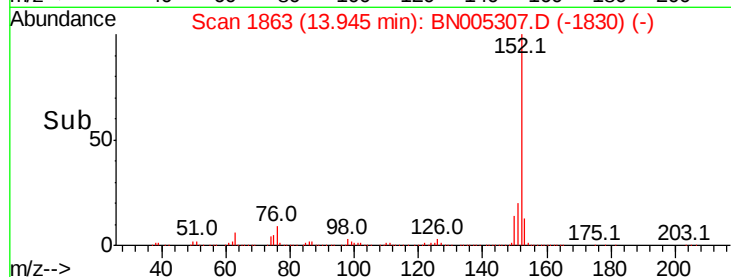
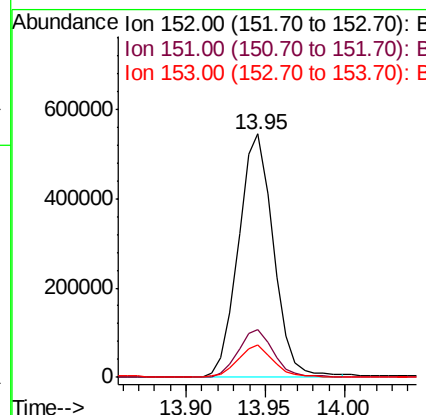
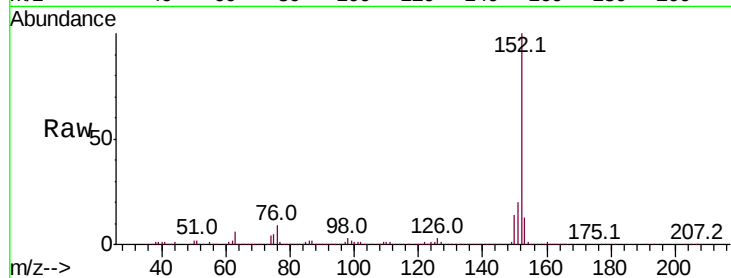




#47
Acenaphthylene
Concen: 7.383 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BN005307.D
Acq: 26 Apr 2019 07:03

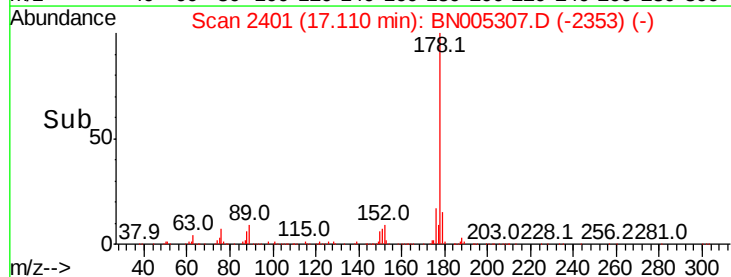
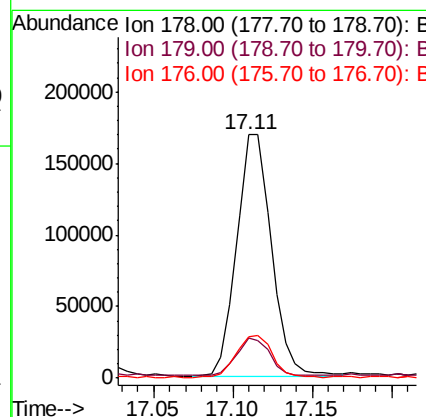
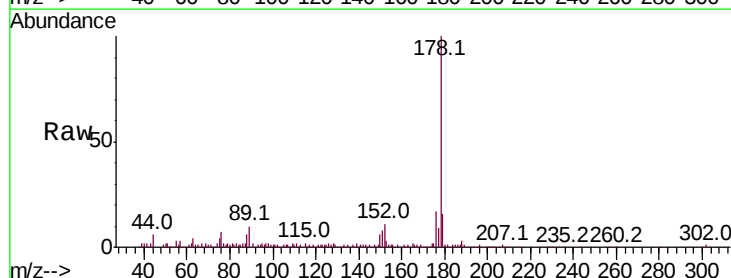
Instrument :
BNA_N
ClientSampleId :

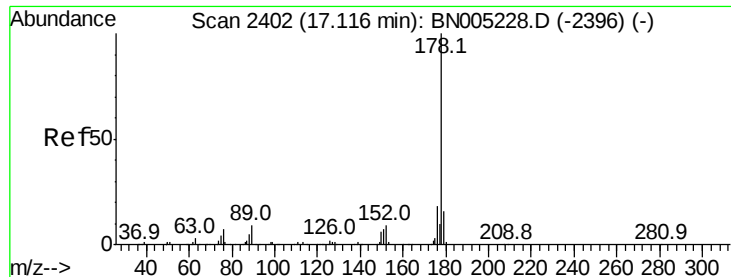
Tot Ion:152 Resp: 832378
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.3 9.8 14.8



#69
Phenanthrene
Concen: 1.813 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. 0.08 min
Lab File: BN005307.D
Acq: 26 Apr 2019 07:03

Tgt Ion:178 Resp: 258168
Ion Ratio Lower Upper
178 100
179 16.3 12.2 18.4
176 17.2 15.1 22.7

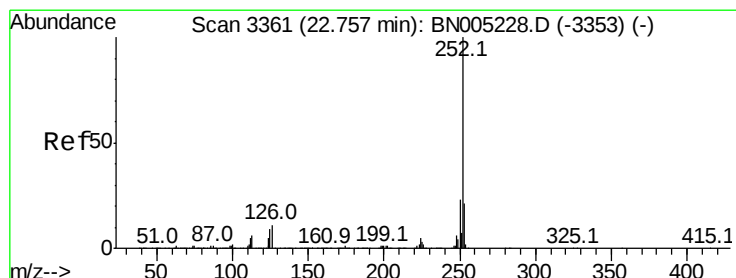
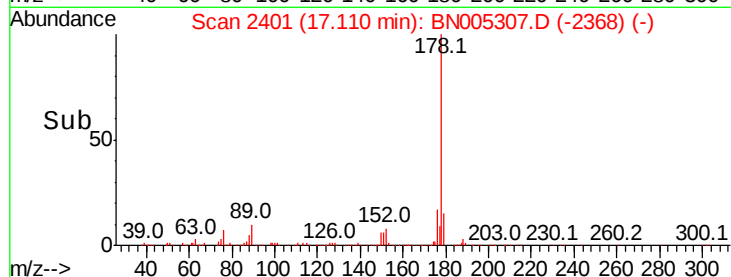
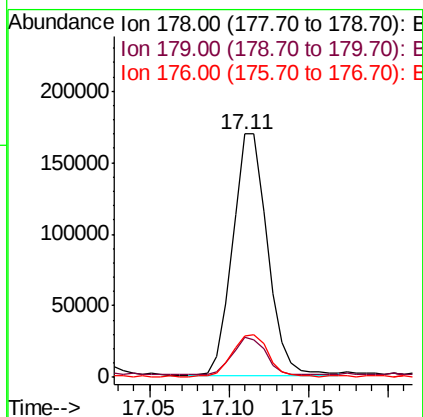
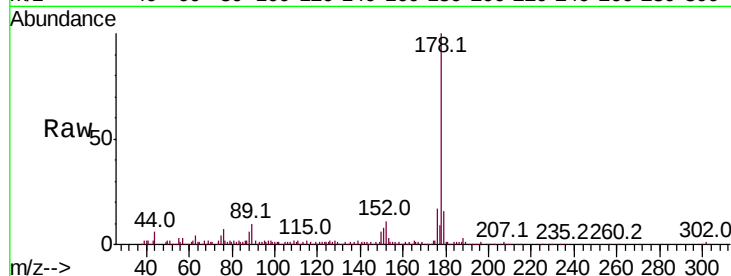




#71
 Anthracene
 Concen: 1.780 ng/ul
 RT: 17.11 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BN005307.D
 Acq: 26 Apr 2019 07:03

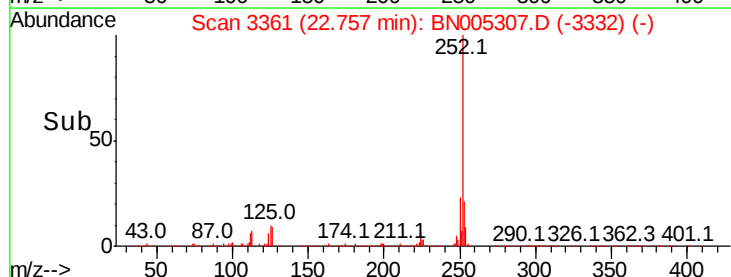
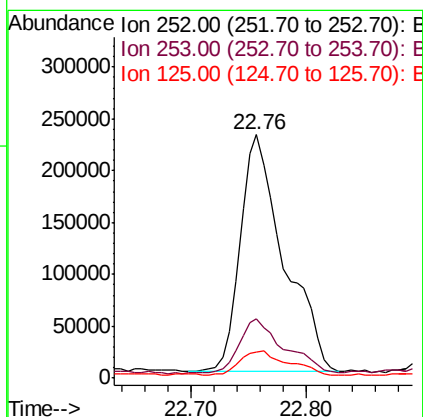
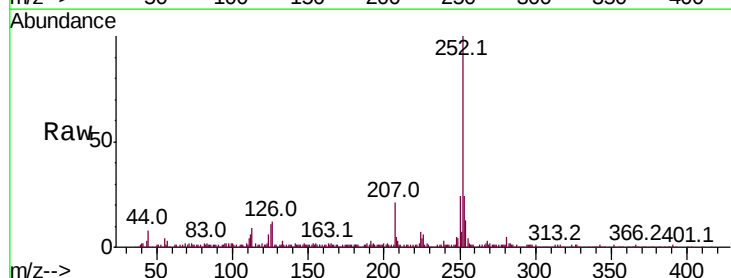
Instrument :
 BNA_N
 ClientSampleId :

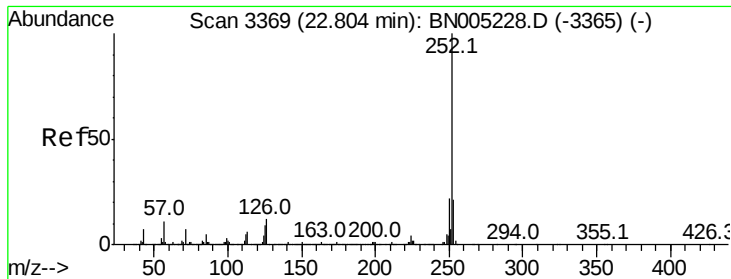
Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	17.2	15.1	22.7



#87
 Benzo(b)fluoranthene
 Concen: 4.118 ng/ul
 RT: 22.76 min Scan# 3361
 Delta R.T. -0.03 min
 Lab File: BN005307.D
 Acq: 26 Apr 2019 07:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.7	26.5
125	10.8	8.4	12.6





#88

Benzo(k)fluoranthene

Concen: 4.312 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.07 min

Lab File: BN005307.D

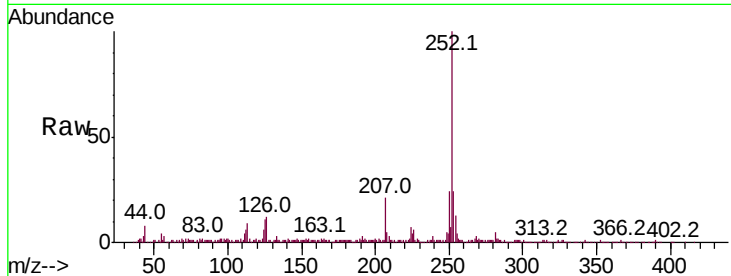
Acq: 26 Apr 2019 07:03

Instrument :

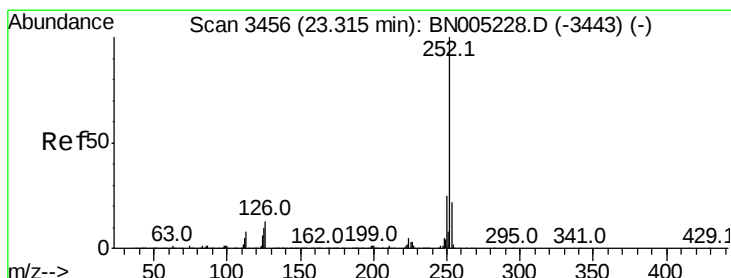
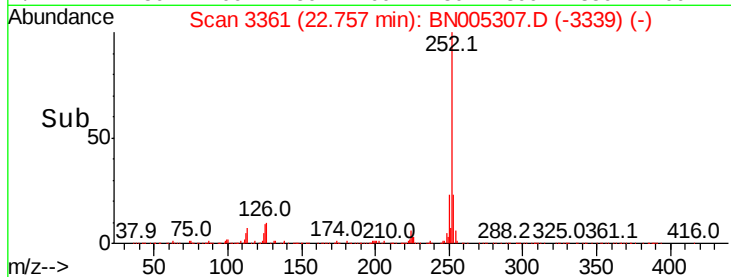
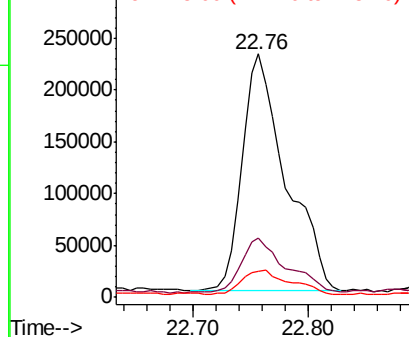
BNA_N

ClientSampleId :

Tot Ion:	252	Resp:	602875
Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.0
125	10.8	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: 5.380 ng/ul

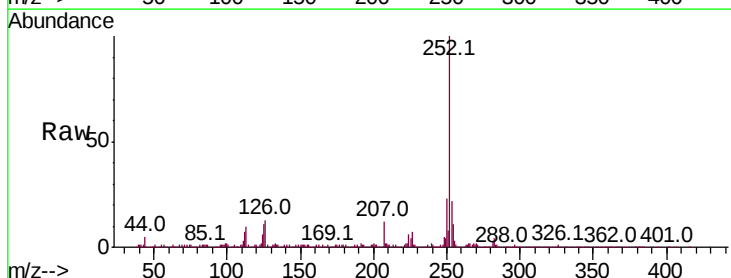
RT: 23.31 min Scan# 3455

Delta R.T. -0.04 min

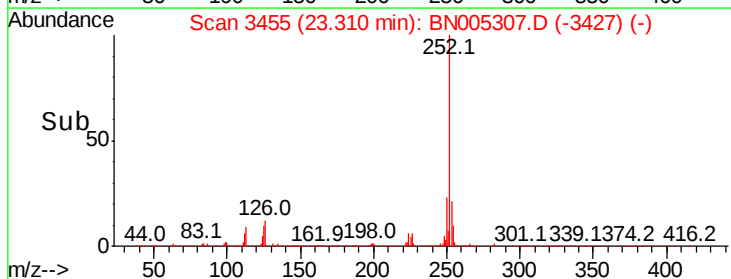
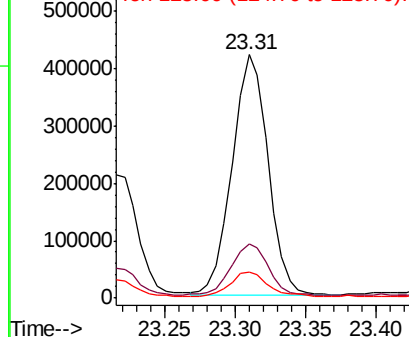
Lab File: BN005307.D

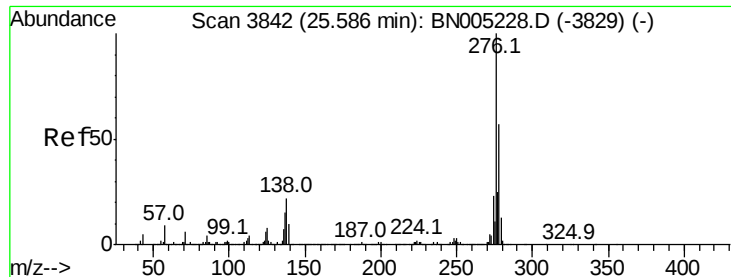
Acq: 26 Apr 2019 07:03

Tgt Ion:	252	Resp:	740305
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	10.8	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

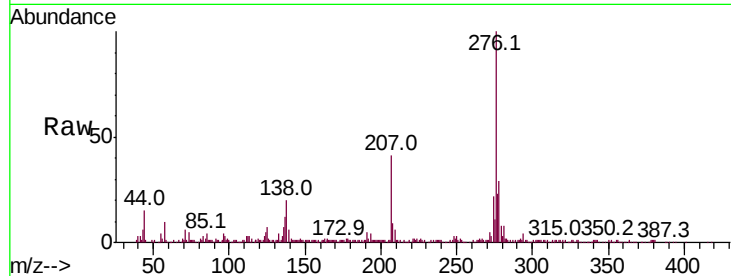




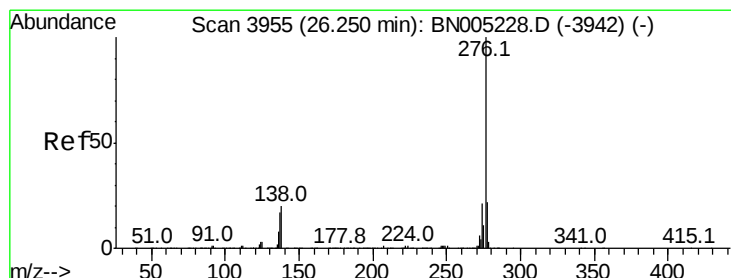
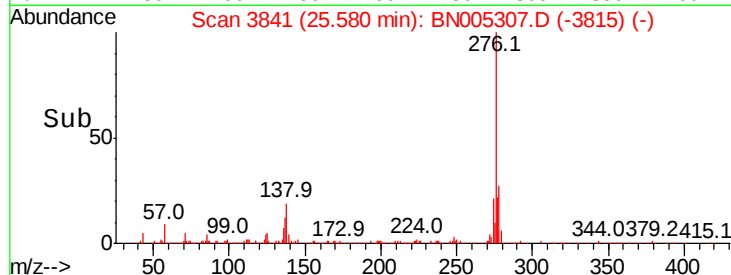
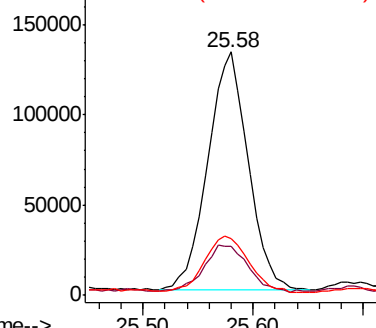
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 2.227 ng/ul
 RT: 25.58 min Scan# 3841
 Delta R.T. -0.05 min
 Lab File: BN005307.D
 Acq: 26 Apr 2019 07:03

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	17.9	26.9
277	23.3	19.7	29.5

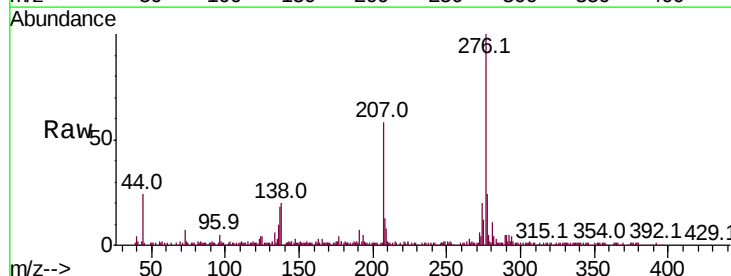


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



#93
 Benzo(g,h,i)perylene
 Concen: 2.175 ng/ul
 RT: 26.24 min Scan# 3954
 Delta R.T. -0.05 min
 Lab File: BN005307.D
 Acq: 26 Apr 2019 07:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.7	25.1
277	23.7	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

