

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
 Data File : BN006021.D
 Acq On : 02 Jun 2019 08:24
 Operator : JU/SJ
 Sample : K2928-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 03 01:08:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 01 01:49:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	456746	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.52	136	1953893	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.38	164	1057497	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.14	188	2023304	20.00	ng/ul	-0.02
77) Chrysene-d12	21.35	240	1289976	20.00	ng/ul	-0.02
85) Perylene-d12	23.64	264	1413078	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	61262	5.90	ng/uL	0.00
5) Phenol-d5	6.90	99	1213376	29.97	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	753318	32.62	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.26	132	1010509	32.77	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	911320	27.89	ng/ul	-0.02
19) Nitrobenzene-d5	8.88	128	512261	40.85	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.60	143	574148	49.16	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.14	165	962273	34.89	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.65	131	813822	22.51	ng/ul	-0.02
43) Dimethylphthalate-d6	13.79	166	2853259	36.60	ng/ul	-0.01
46) Acenaphthylene-d8	14.08	160	3497522	35.86	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.59	143	369886	26.07	ng/ul	-0.02
57) Fluorene-d10	15.38	176	2317841	35.45	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	137588	16.68	ng/ul	-0.02
70) Anthracene-d10	17.24	188	2993415	34.76	ng/ul	-0.02
78) Pyrene-d10	19.55	212	2678860	41.12	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.50	264	2198835	34.87	ng/ul	-0.02

Target Compounds

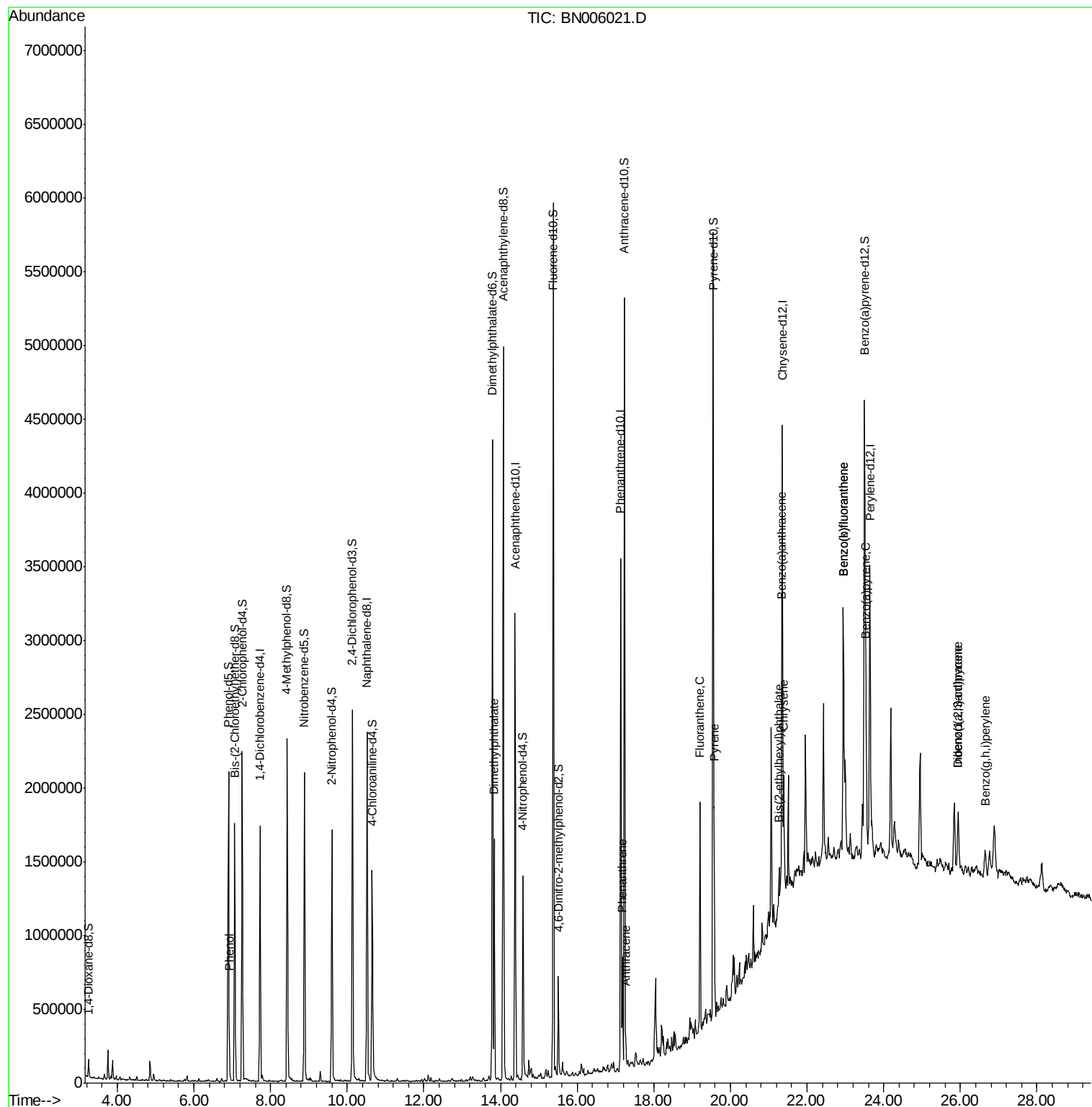
					Ovalue
6) Phenol	6.92	94	80898	1.939	ng/ul 99
44) Dimethylphthalate	13.84	163	991570	12.726	ng/ul 100
69) Phenanthrene	17.18	178	428564	4.275	ng/ul 99
71) Anthracene	17.27	178	105880	1.040	ng/ul 100
76) Fluoranthene	19.21	202	885621	8.276	ng/ul 97
79) Pyrene	19.58	202	810768	9.922	ng/ul 98
82) Benzo(a)anthracene	21.34	228	402037	4.958	ng/ul 95
83) Bis(2-ethylhexyl)phthalate	21.27	149	88584	1.664	ng/ul# 94
84) Chrysene	21.39	228	425251	5.623	ng/ul 97
87) Benzo(b)fluoranthene	22.96	252	533282	6.719	ng/ul# 94
88) Benzo(k)fluoranthene	22.96	252	533282	7.308	ng/ul# 92
90) Benzo(a)pyrene	23.54	252	369130	4.932	ng/ul# 92
91) Indeno(1,2,3-cd)pyrene	25.94	276	266247	3.032	ng/ul 96
92) Dibenzo(a,h)anthracene	25.95	278	76129	1.041	ng/ul# 73
93) Benzo(g,h,i)perylene	26.65	276	198756	2.687	ng/ul# 92

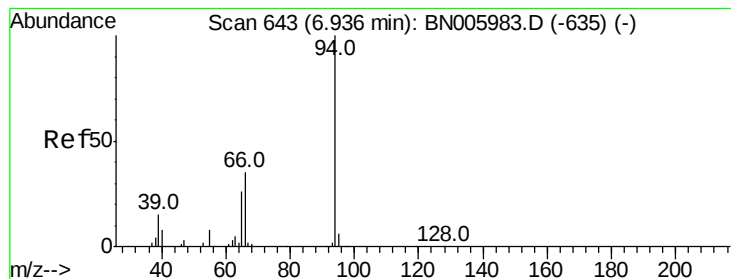
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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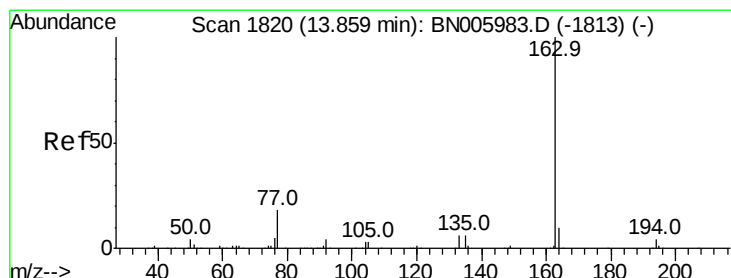
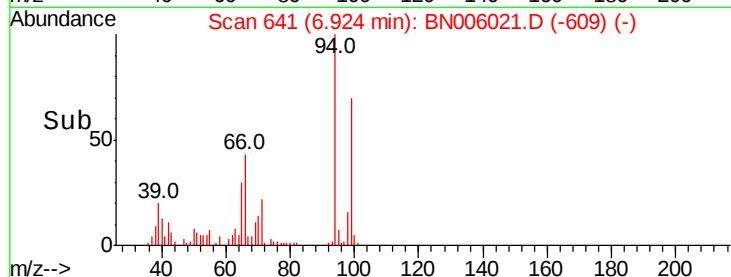
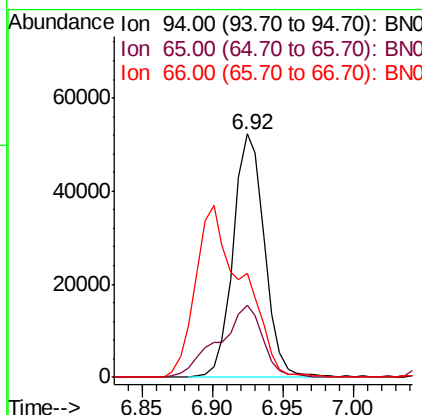
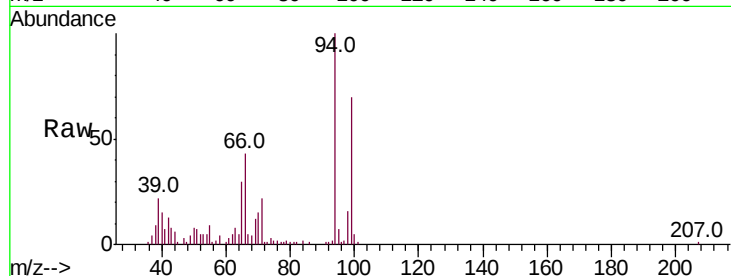
#6

Phenol

Concen: 1.939 ng/ul
 RT: 6.92 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BN006021.D
 Acq: 02 Jun 2019 08:24

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 94 Resp: 80898
 Ion Ratio Lower Upper
 94 100
 65 29.8 24.2 36.4
 66 42.6 33.8 50.6

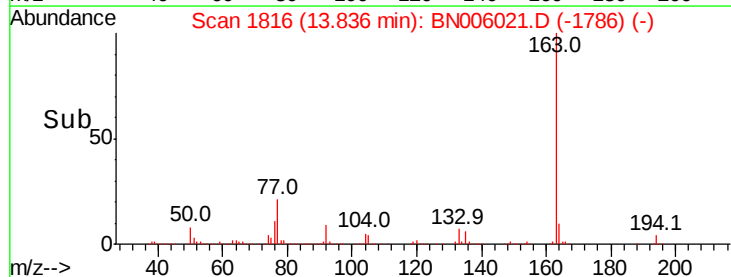
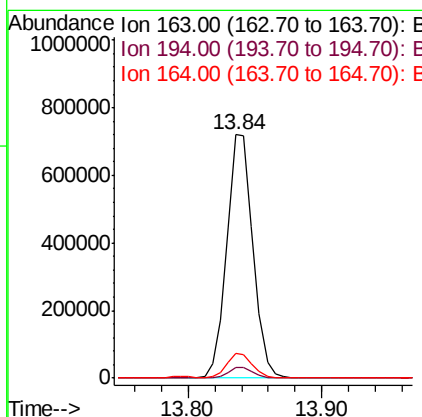
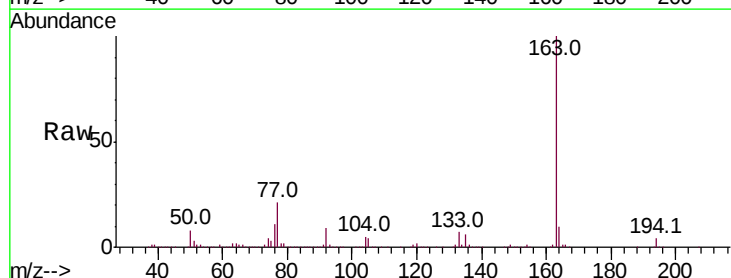


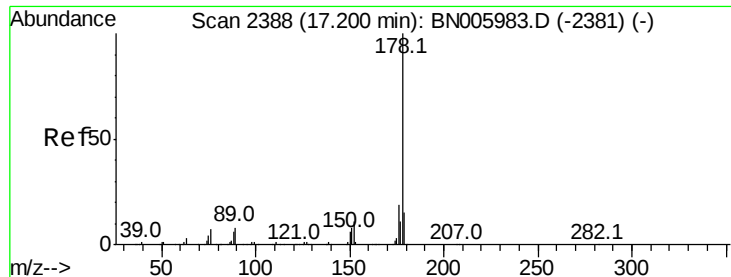
#44

Dimethylphthalate

Concen: 12.726 ng/ul
 RT: 13.84 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BN006021.D
 Acq: 02 Jun 2019 08:24

Tgt Ion: 163 Resp: 991570
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.4 5.0
 164 10.3 8.1 12.1





#69

Phenanthrene

Concen: 4.275 ng/ul

RT: 17.18 min Scan# 2384

Delta R.T. -0.02 min

Lab File: BN006021.D

Acq: 02 Jun 2019 08:24

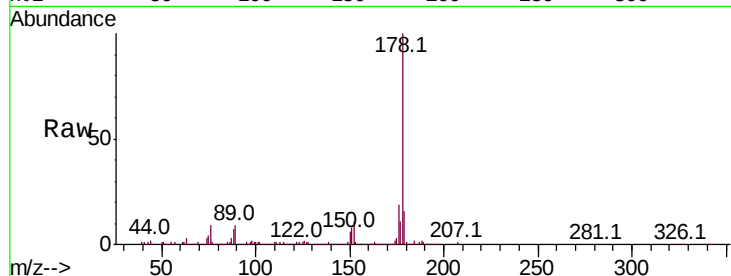
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 428564

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	19.3	15.1	22.7

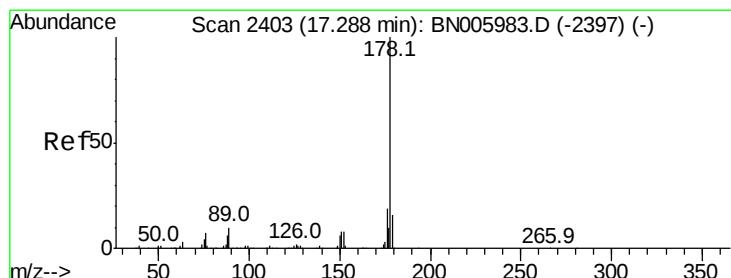
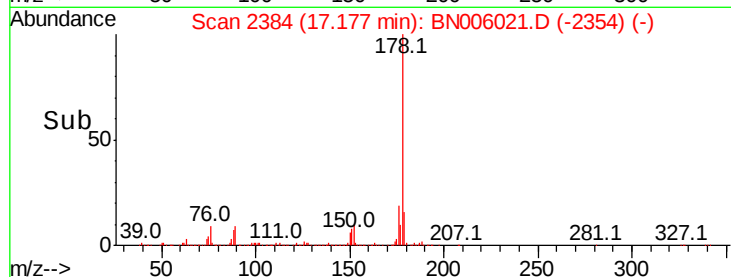
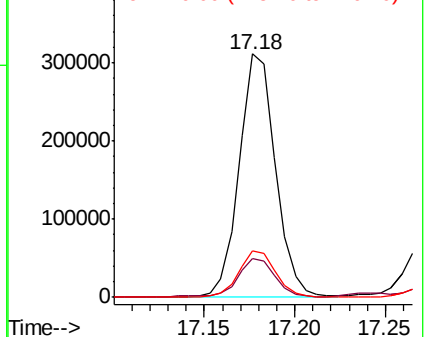


Abundance

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



#71

Anthracene

Concen: 1.040 ng/ul

RT: 17.27 min Scan# 2400

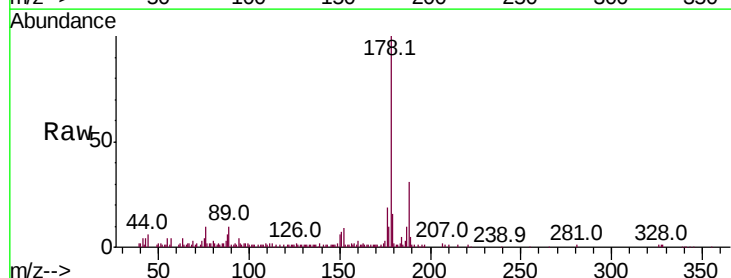
Delta R.T. -0.02 min

Lab File: BN006021.D

Acq: 02 Jun 2019 08:24

Tgt Ion:178 Resp: 105880

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.8	15.1	22.7

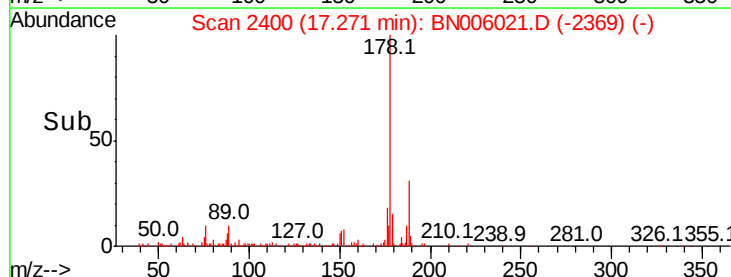
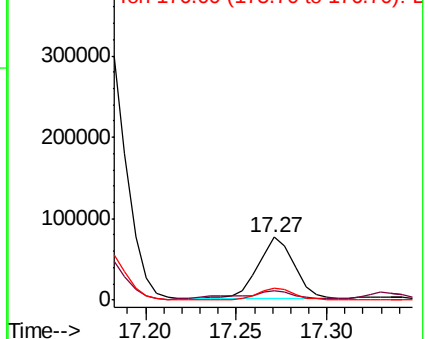


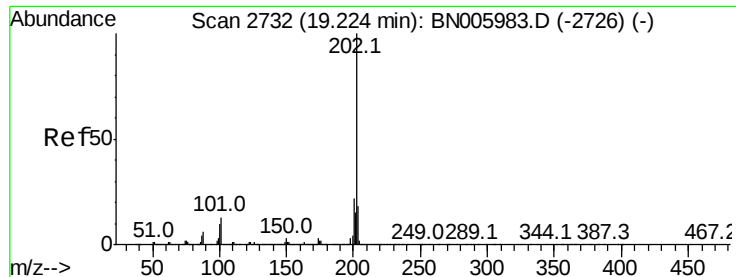
Abundance

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

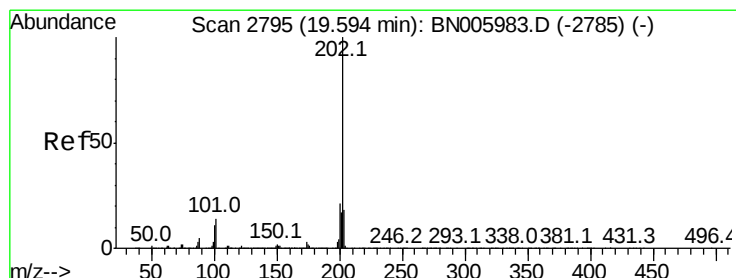
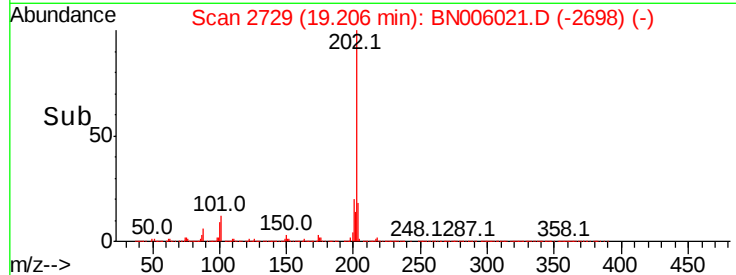
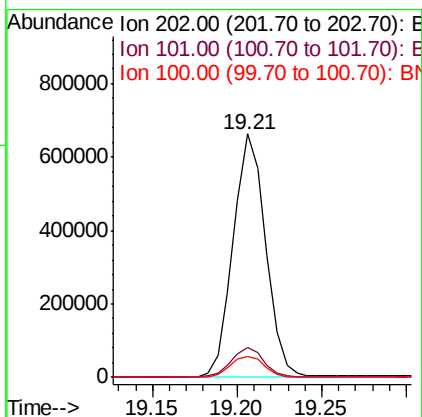
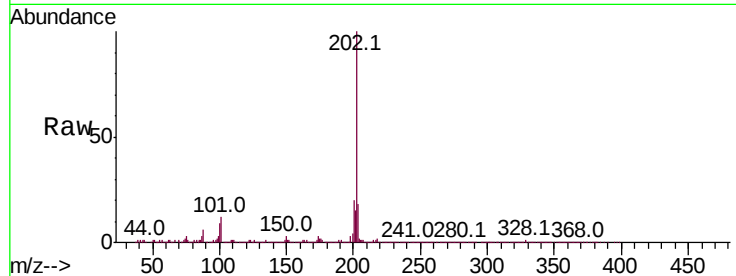




#76
Fluoranthene
Concen: 8.276 ng/ul
RT: 19.21 min Scan# 2729
Delta R.T. -0.02 min
Lab File: BN006021.D
Acq: 02 Jun 2019 08:24

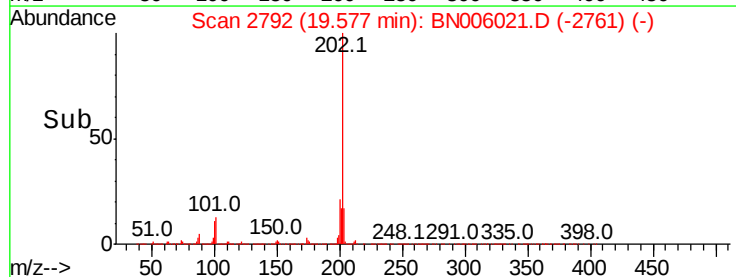
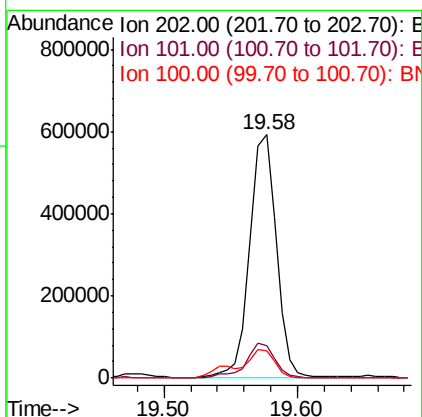
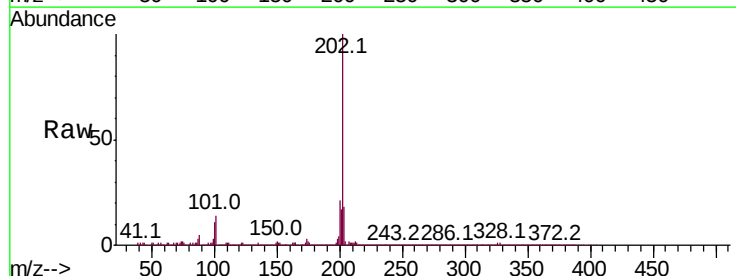
Instrument :
BNA_N
ClientSampleId :

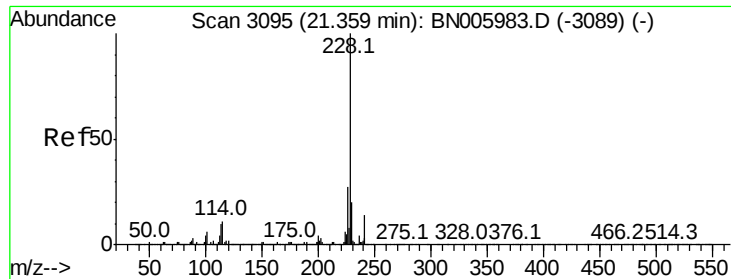
Tot Ion:	202	Resp:	885621
Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.6	12.8
100	8.7	6.3	9.5



#79
Pyrene
Concen: 9.922 ng/ul
RT: 19.58 min Scan# 2792
Delta R.T. -0.02 min
Lab File: BN006021.D
Acq: 02 Jun 2019 08:24

Tgt Ion:	202	Resp:	810768
Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.3	15.5
100	11.0	7.9	11.9

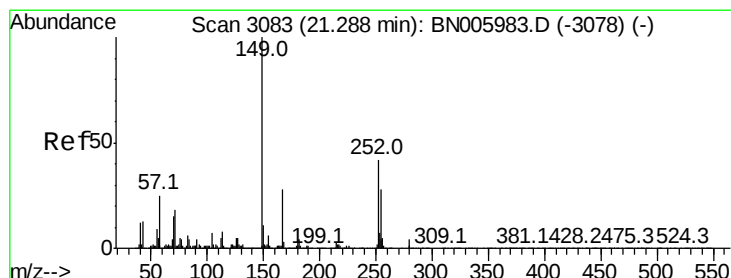
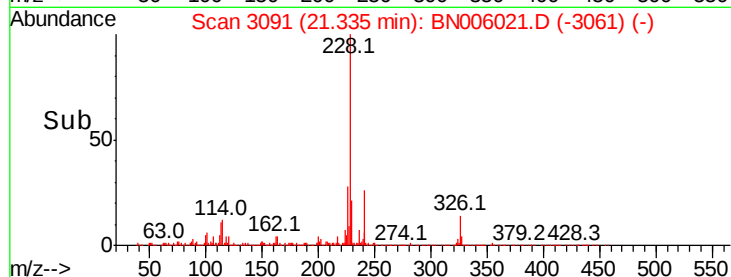
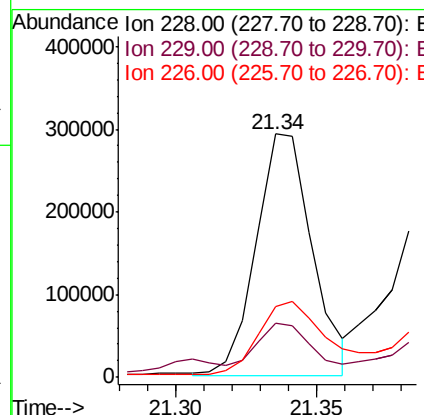
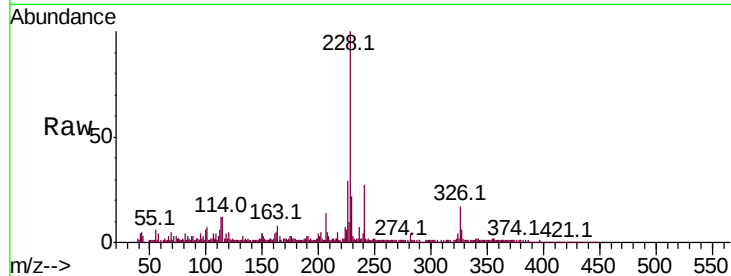




#82
Benzo(a)anthracene
Concen: 4.958 ng/ul
RT: 21.34 min Scan# 3091
Delta R.T. -0.02 min
Lab File: BN006021.D
Acq: 02 Jun 2019 08:24

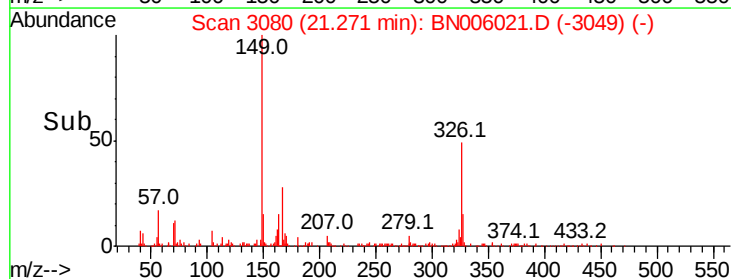
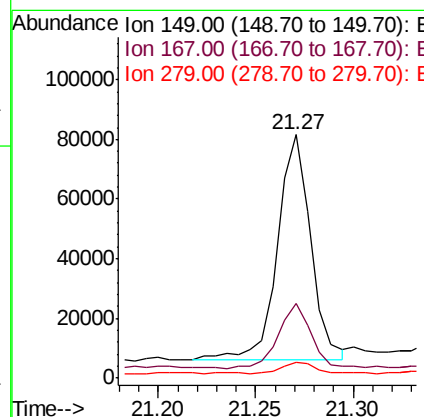
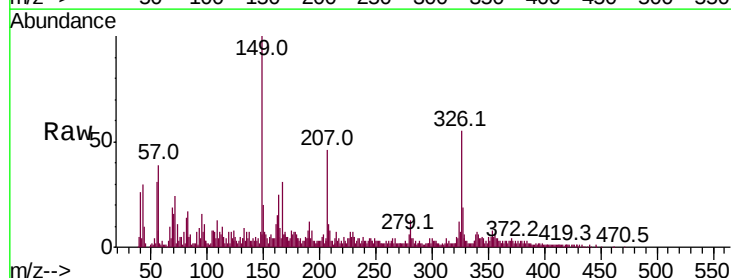
Instrument :
BNA_N
ClientSampleId :

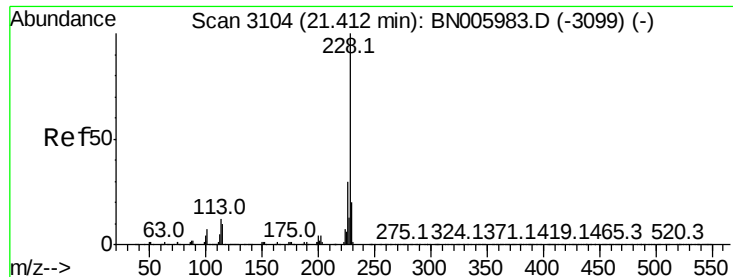
Tot Ion:228	Resp:	402037
Ion	Ratio	Lower Upper
228	100	
229	22.2	15.8 23.6
226	29.2	21.4 32.2



#83
Bis(2-ethylhexyl)phthalate
Concen: 1.664 ng/ul
RT: 21.27 min Scan# 3080
Delta R.T. -0.02 min
Lab File: BN006021.D
Acq: 02 Jun 2019 08:24

Tgt Ion:149	Resp:	88584
Ion	Ratio	Lower Upper
149	100	
167	30.8	22.3 33.5
279	6.3	3.3 4.9#





#84

Chrysene

Concen: 5.623 ng/ul

RT: 21.39 min Scan# 3101

Delta R.T. -0.02 min

Lab File: BN006021.D

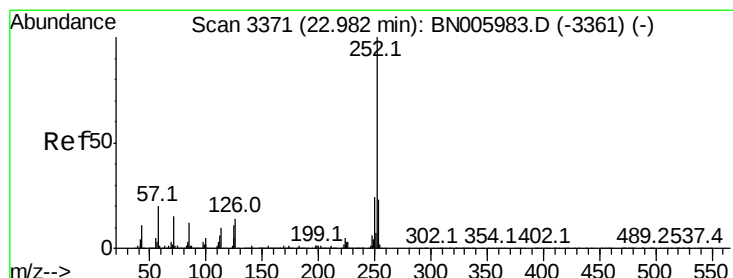
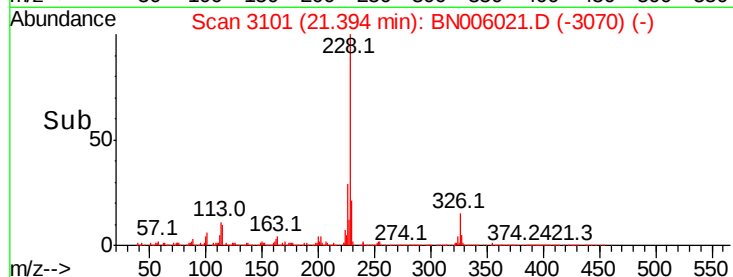
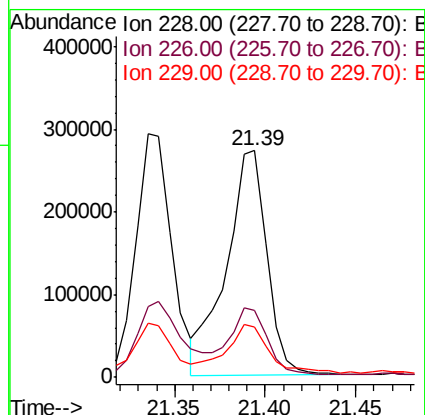
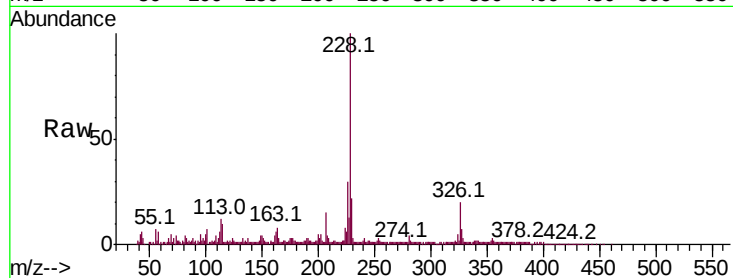
Acq: 02 Jun 2019 08:24

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	228	Resp:	425251
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	22.2	15.4	23.0



#87

Benzo(b)fluoranthene

Concen: 6.719 ng/ul

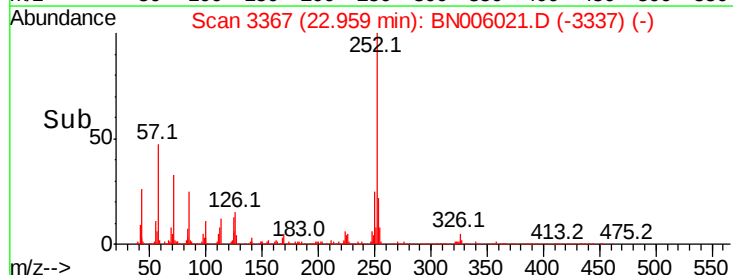
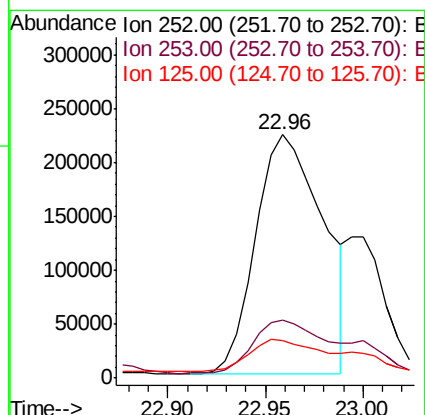
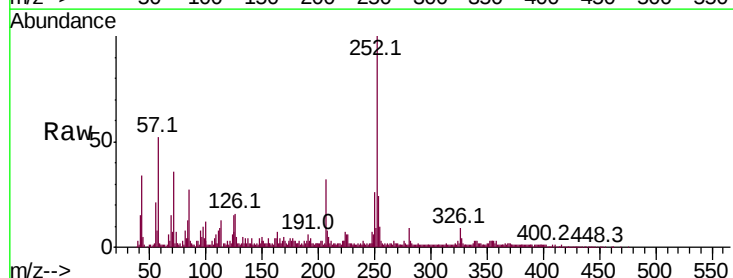
RT: 22.96 min Scan# 3367

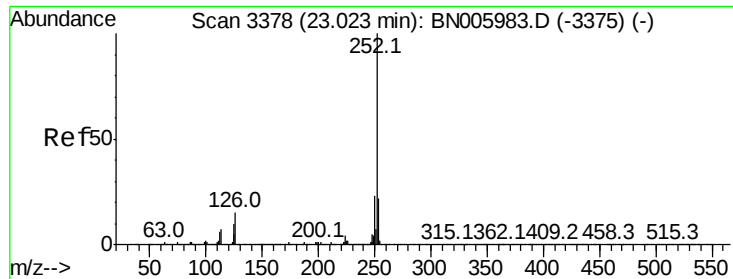
Delta R.T. -0.02 min

Lab File: BN006021.D

Acq: 02 Jun 2019 08:24

Tgt Ion:	252	Resp:	533282
Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.7	26.5
125	15.2	8.4	12.6#





#88

Benzo(k)fluoranthene

Concen: 7.308 ng/ul

RT: 22.96 min Scan# 3367

Delta R.T. -0.06 min

Lab File: BN006021.D

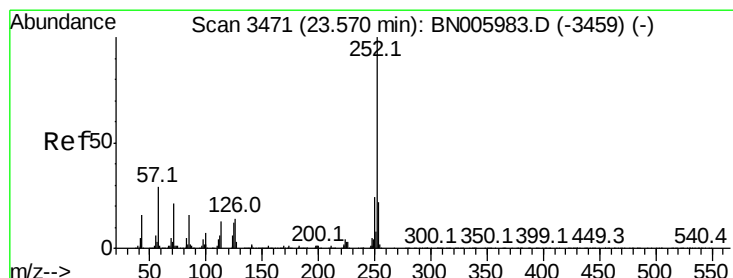
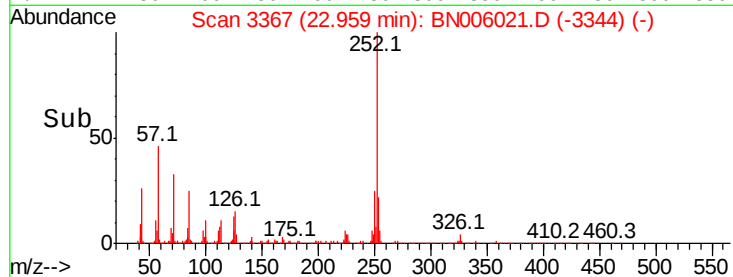
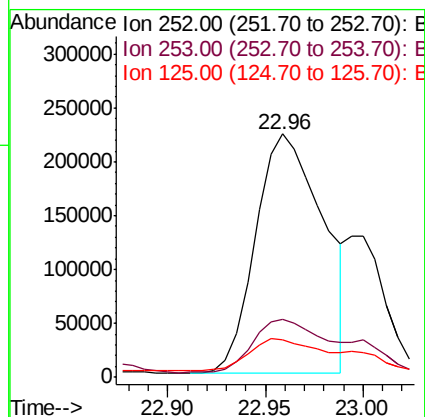
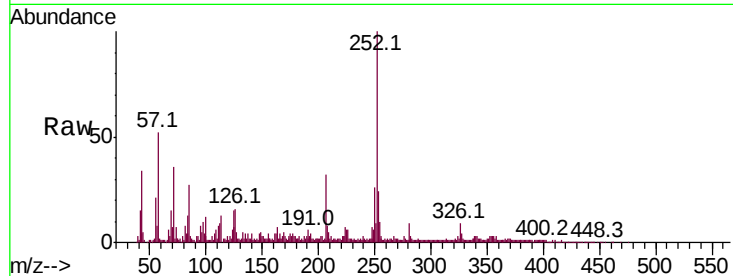
Acq: 02 Jun 2019 08:24

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	252	Resp:	533282
Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	15.2	7.5	11.3#



#90

Benzo(a)pyrene

Concen: 4.932 ng/ul

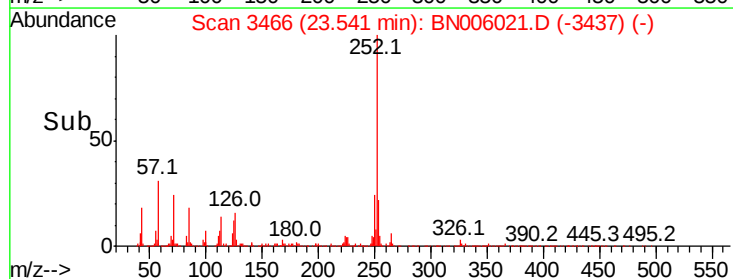
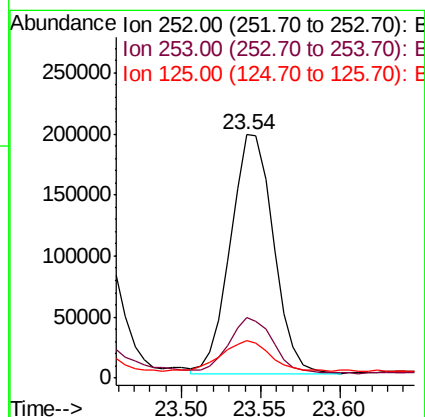
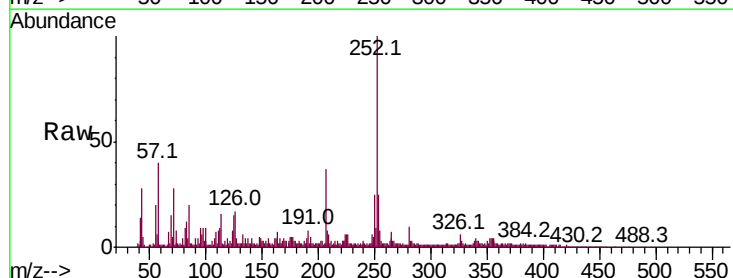
RT: 23.54 min Scan# 3466

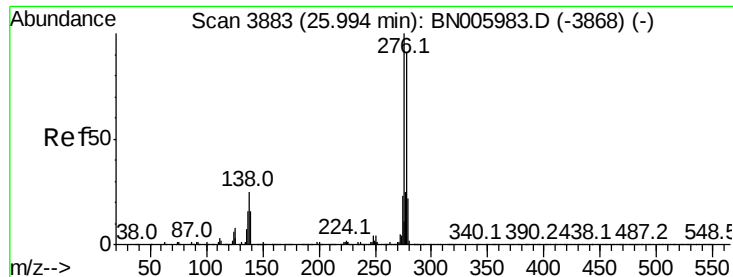
Delta R.T. -0.03 min

Lab File: BN006021.D

Acq: 02 Jun 2019 08:24

Tgt Ion:	252	Resp:	369130
Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.3	25.9
125	15.4	8.6	13.0#



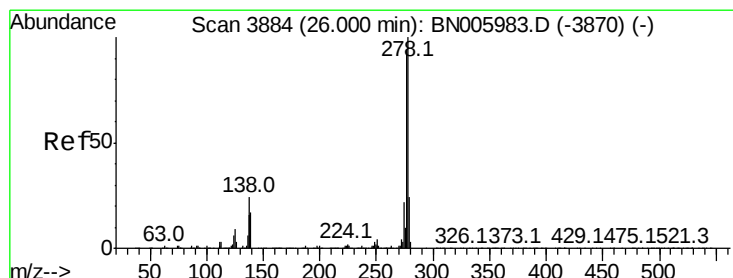
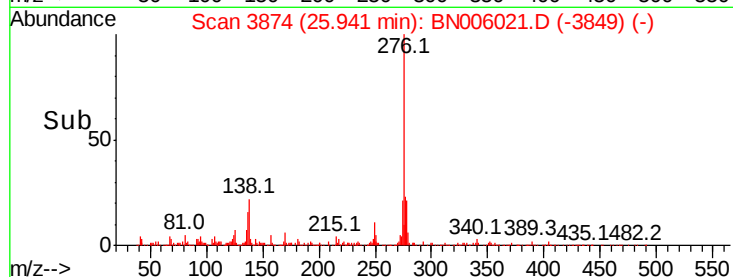
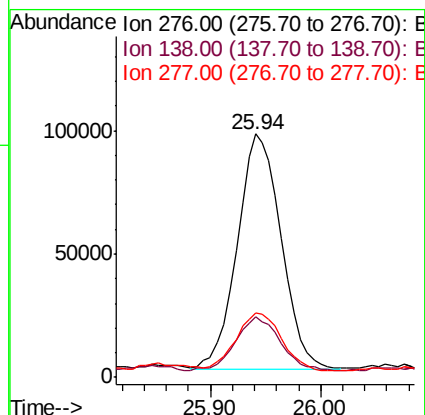
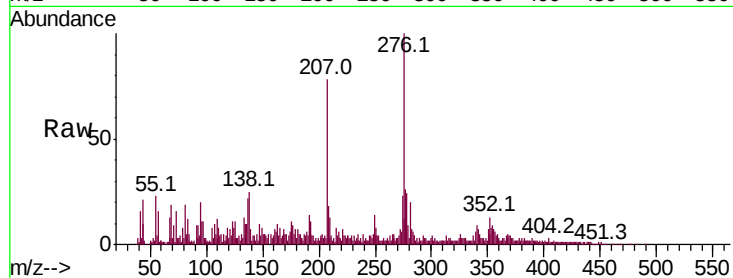


#91

Indeno(1,2,3-cd)pyrene
Concen: 3.032 ng/ul
RT: 25.94 min Scan# 3874
Delta R.T. -0.05 min
Lab File: BN006021.D
Acq: 02 Jun 2019 08:24

Instrument :
BNA_N
ClientSampleId :

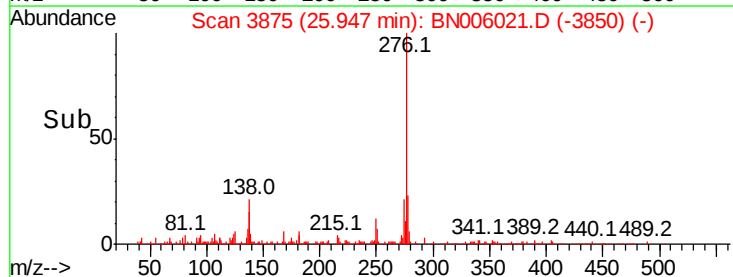
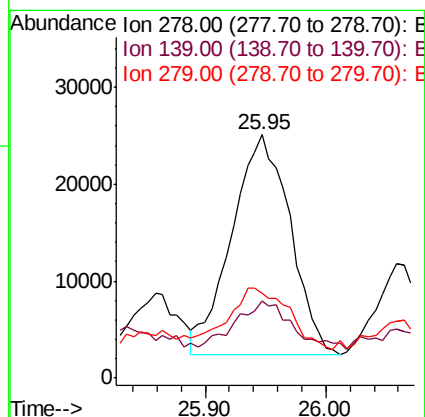
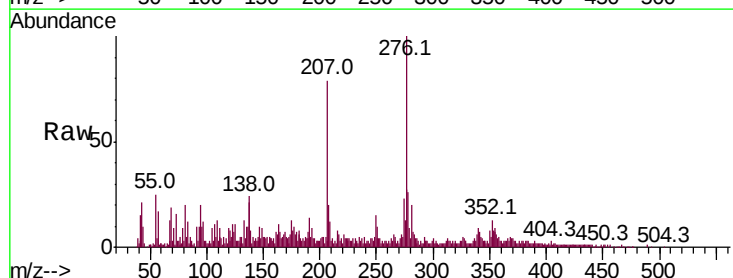
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	17.9	26.9
277	26.5	19.7	29.5

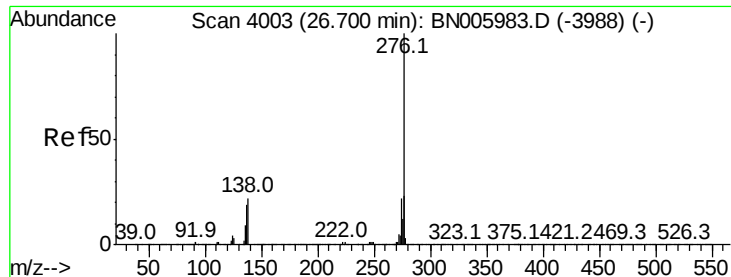


#92

Dibenzo(a,h)anthracene
Concen: 1.041 ng/ul
RT: 25.95 min Scan# 3875
Delta R.T. -0.05 min
Lab File: BN006021.D
Acq: 02 Jun 2019 08:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.5	13.1	19.7#
279	35.1	19.4	29.0#





#93

Benzo(a,h,i)perylene

Concen: 2.687 ng/ul

RT: 26.65 min Scan# 3995

Delta R.T. -0.05 min

Lab File: BN006021.D

Acq: 02 Jun 2019 08:24

Instrument :

BNA_N

ClientSampleId :

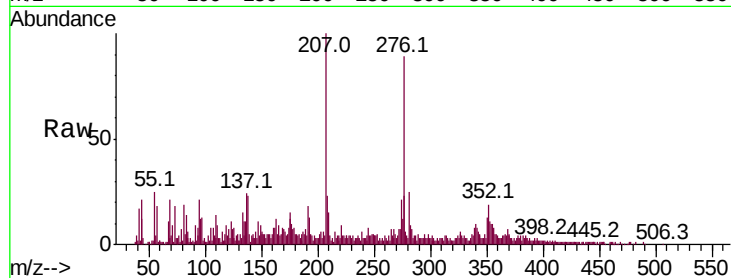
Tot Ion:276 Resp: 198756

Ion Ratio Lower Upper

276 100

138 25.7 16.7 25.1#

277 25.7 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

