

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005947.D
 Acq On : 30 May 2019 00:52
 Operator : JU/SJ
 Sample : K2924-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 30 05:02:47 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	627588	20.00	ng/ul	0.01
18) Naphthalene-d8	10.52	136	2754737	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.38	164	1533483	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.14	188	3104162	20.00	ng/ul	0.02
77) Chrysene-d12	21.34	240	1993995	20.00	ng/ul	0.01
85) Perylene-d12	23.62	264	2134573	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	65439	4.59	ng/uL	0.00
5) Phenol-d5	6.91	99	1335434	24.01	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.08	67	807036	25.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	1105955	26.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	911436	20.30	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	556970	31.50	ng/ul	0.01
22) 2-Nitrophenol-d4	9.61	143	463597	28.15	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.15	165	1068779	27.49	ng/ul	0.02
29) 4-Chloroaniline-d4	10.66	131	776339	15.23	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	3173756	28.07	ng/ul	0.01
46) Acenaphthylene-d8	14.08	160	3984953	28.18	ng/ul	0.02
51) 4-Nitrophenol-d4	14.59	143	417830	20.31	ng/ul	0.03
57) Fluorene-d10	15.38	176	2718180	28.67	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	19044	1.51	ng/ul	0.03
70) Anthracene-d10	17.24	188	3763780	28.49	ng/ul	0.02
78) Pyrene-d10	19.54	212	3368910	33.45	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.47	264	2619137	27.50	ng/ul	0.02

Target Compounds

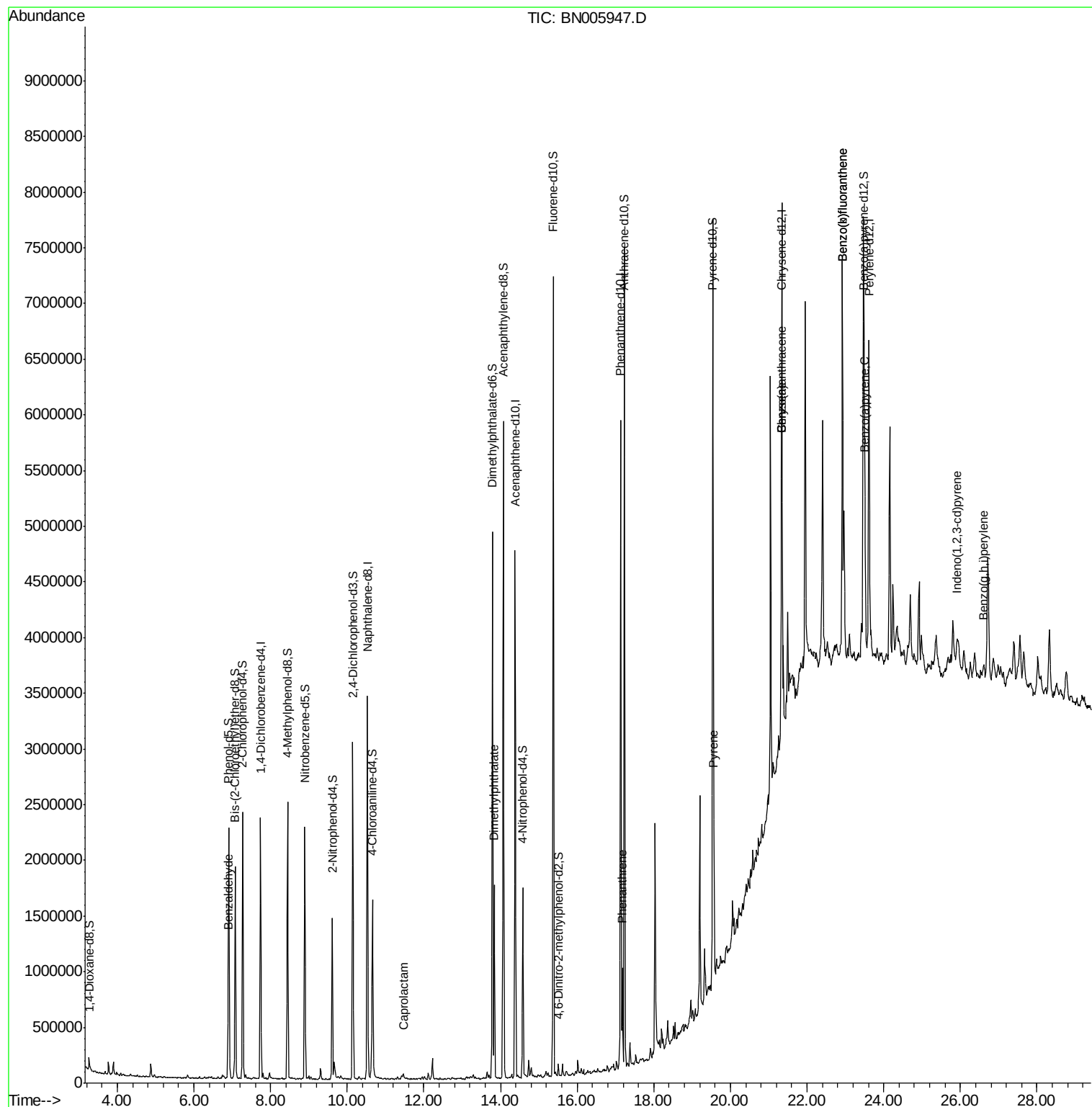
					Ovalue
4) Benzaldehyde	6.89	77	77048	2.006	ng/ul 92
32) Caprolactam	11.46	113	34557	2.249	ng/ul# 1
44) Dimethylphthalate	13.84	163	1054366	9.331	ng/ul 99
69) Phenanthrene	17.18	178	504238	3.279	ng/ul 100
79) Pyrene	19.57	202	827736	6.553	ng/ul 97
82) Benzo(a)anthracene	21.32	228	361696	2.886	ng/ul 93
84) Chrysene	21.32	228	365850	3.129	ng/ul 96
87) Benzo(b)fluoranthene	22.93	252	505990	4.220	ng/ul# 84
88) Benzo(k)fluoranthene	22.93	252	505990	4.590	ng/ul# 82
90) Benzo(a)pyrene	23.52	252	313053	2.769	ng/ul# 81
91) Indeno(1,2,3-cd)pyrene	25.91	276	228286	1.721	ng/ul# 88
93) Benzo(g,h,i)perylene	26.61	276	148803	1.332	ng/ul# 78

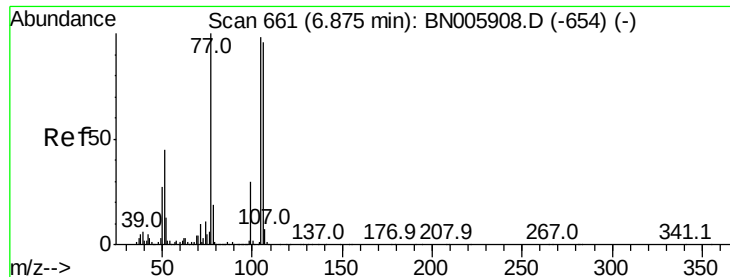
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.006 ng/ul

RT: 6.89 min Scan# 635

Delta R.T. 0.01 min

Lab File: BN005947.D

Acq: 30 May 2019 00:52

Instrument :

BNA_N

ClientSampleId :

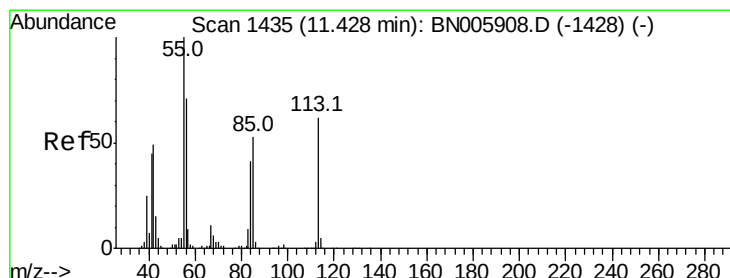
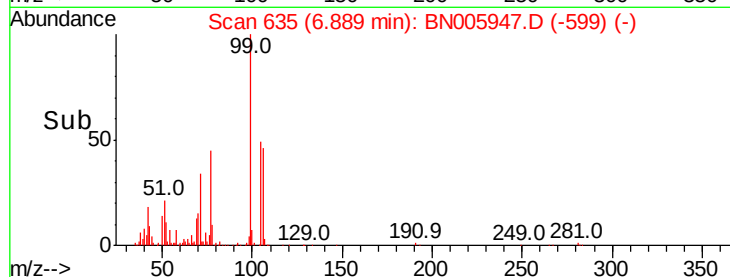
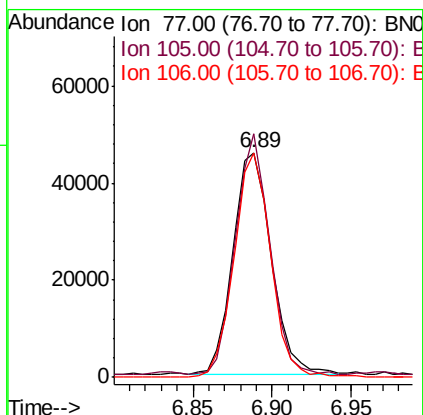
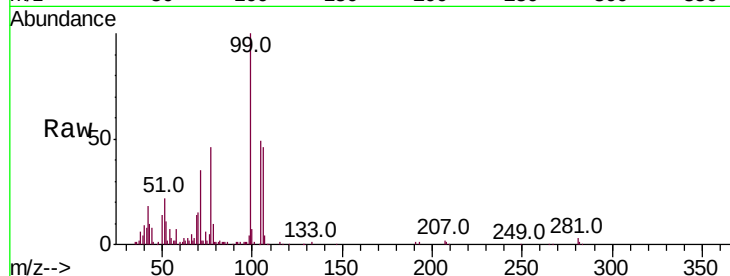
Tot Ion: 77 Resp: 77048

Ion Ratio Lower Upper

77 100

105 108.4 77.4 116.2

106 100.1 76.3 114.5



#32

Caprolactam

Concen: 2.249 ng/ul

RT: 11.46 min Scan# 1413

Delta R.T. 0.04 min

Lab File: BN005947.D

Acq: 30 May 2019 00:52

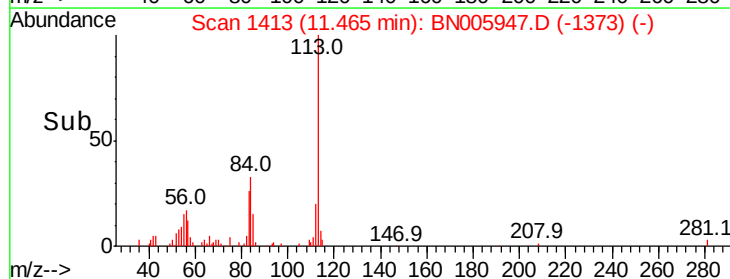
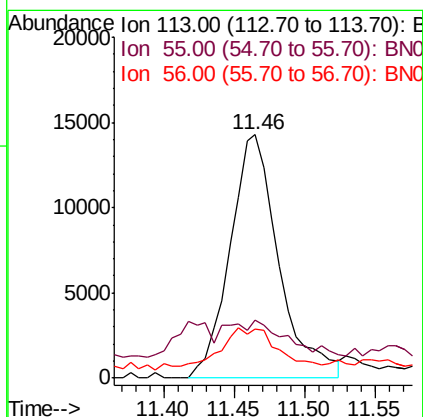
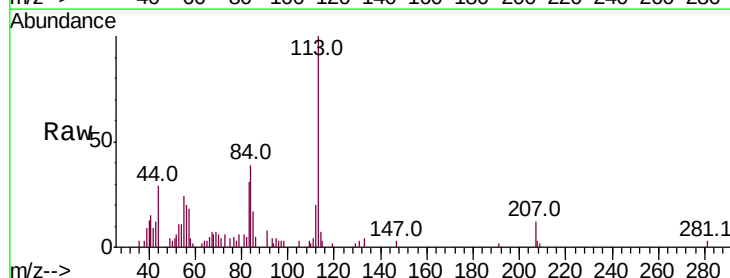
Tgt Ion: 113 Resp: 34557

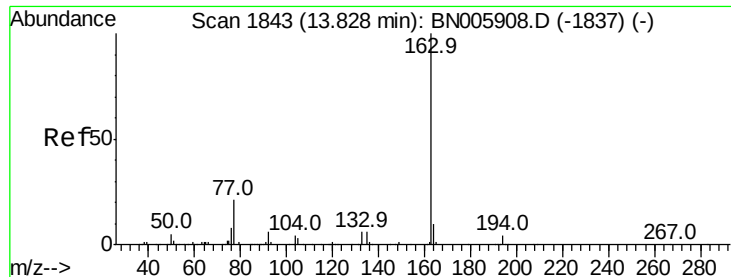
Ion Ratio Lower Upper

113 100

55 23.7 157.0 235.4#

56 20.4 119.1 178.7#

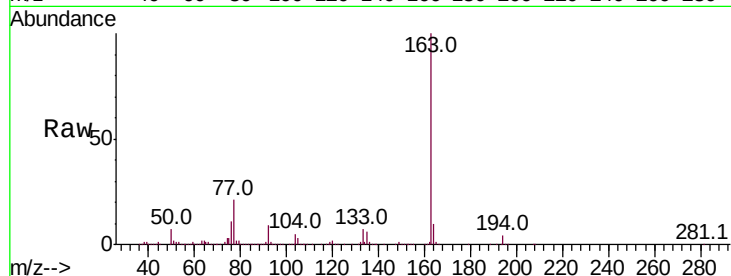




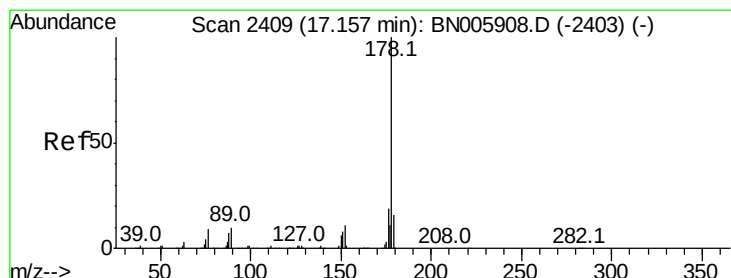
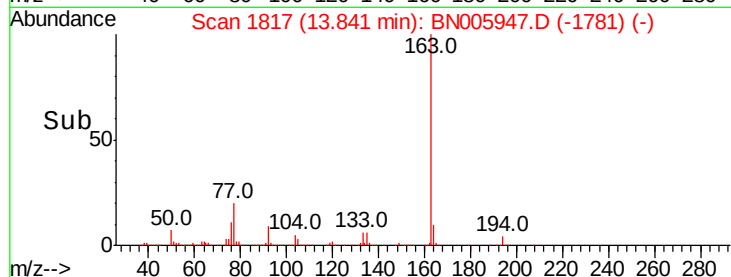
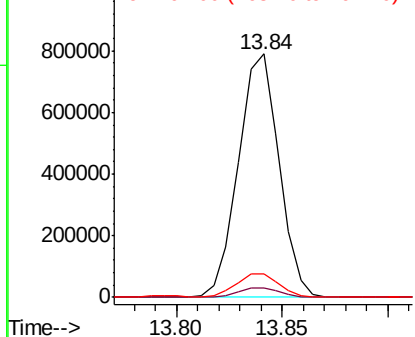
#44
Dimethylphthalate
Concen: 9.331 ng/ul
RT: 13.84 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BN005947.D
Acq: 30 May 2019 00:52

Instrument :
BNA_N
ClientSampled :

Tot Ion:163 Resp: 1054366
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.9 8.1 12.1

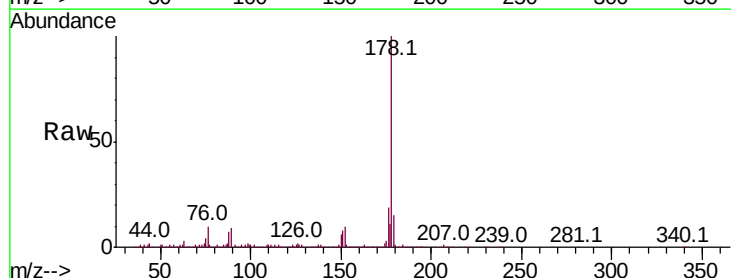


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

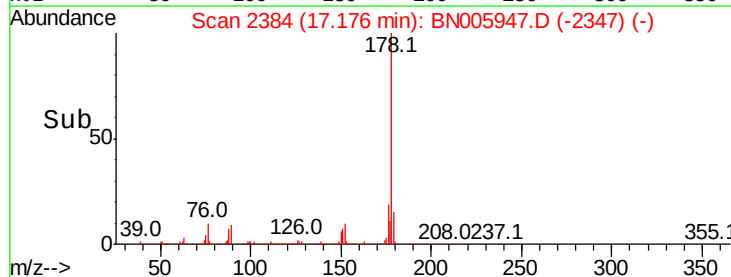
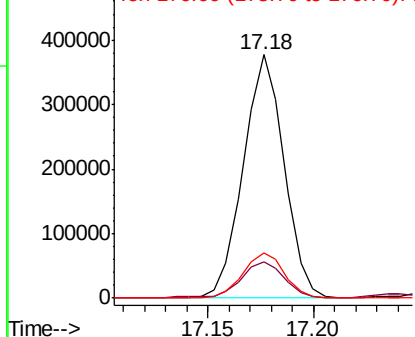


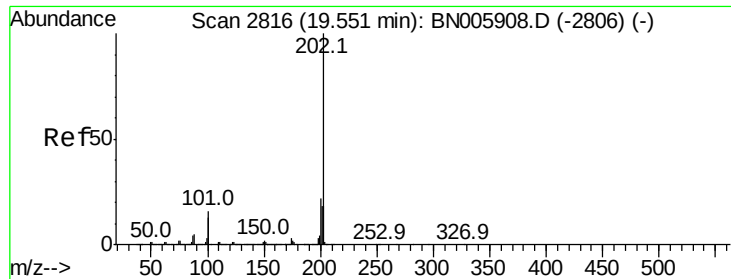
#69
Phenanthrene
Concen: 3.279 ng/ul
RT: 17.18 min Scan# 2384
Delta R.T. 0.02 min
Lab File: BN005947.D
Acq: 30 May 2019 00:52

Tgt Ion:178 Resp: 504238
Ion Ratio Lower Upper
178 100
179 14.9 12.2 18.4
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





#79

Pvrene

Concen: 6.553 ng/ul

RT: 19.57 min Scan# 2791

Delta R.T. 0.02 min

Lab File: BN005947.D

Acq: 30 May 2019 00:52

Instrument :

BNA_N

ClientSampleId :

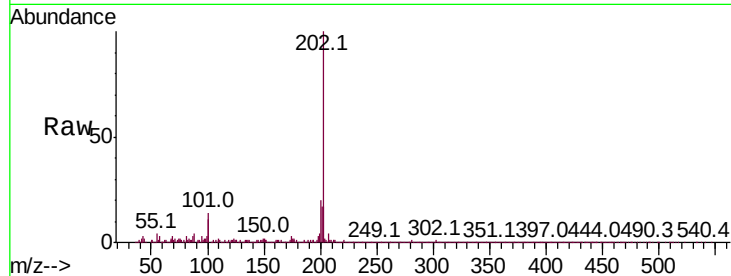
Tot Ion:202 Resp: 827736

Ion Ratio Lower Upper

202 100

101 13.9 10.3 15.5

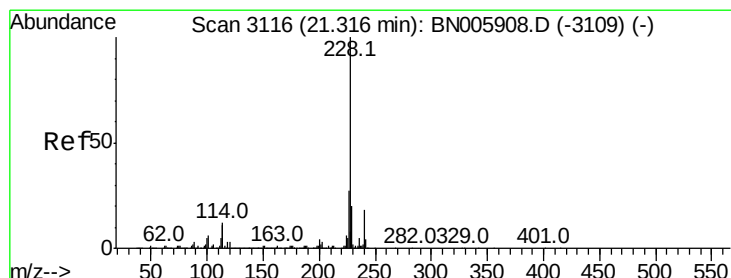
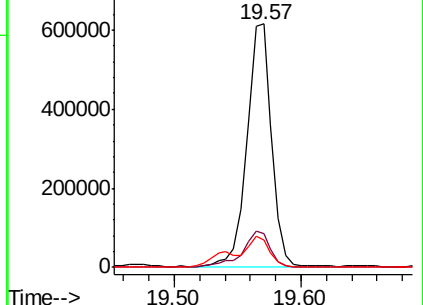
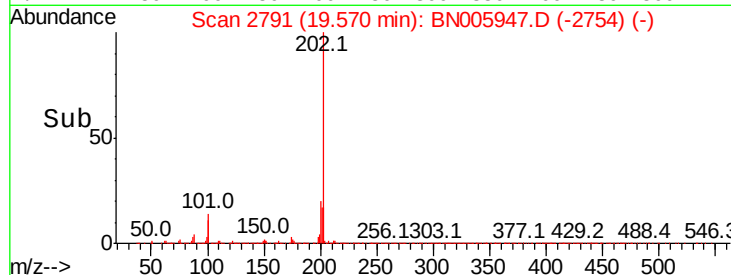
100 11.1 7.9 11.9



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: 2.886 ng/ul

RT: 21.32 min Scan# 3089

Delta R.T. 0.01 min

Lab File: BN005947.D

Acq: 30 May 2019 00:52

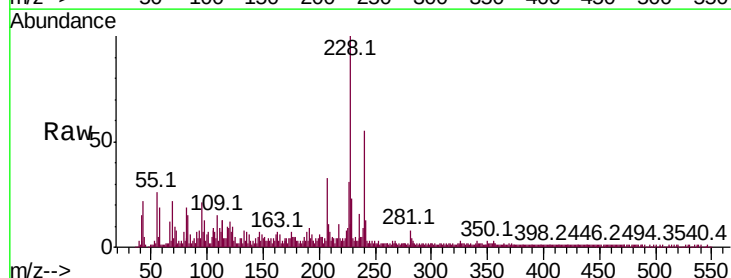
Tgt Ion:228 Resp: 361696

Ion Ratio Lower Upper

228 100

229 22.9 15.8 23.6

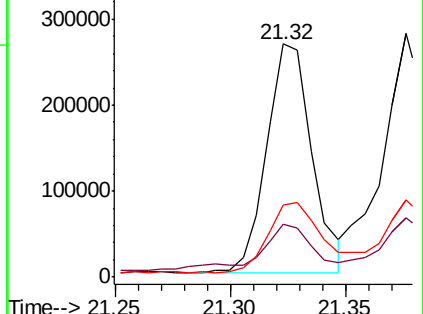
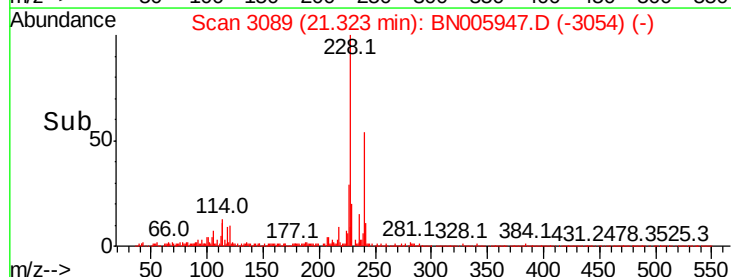
226 30.7 21.4 32.2

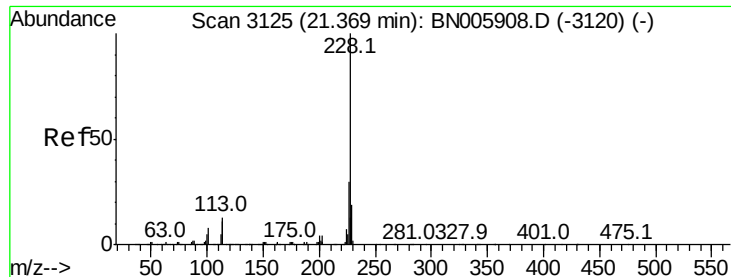


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 3.129 ng/ul

RT: 21.32 min Scan# 3089

Delta R.T. -0.05 min

Lab File: BN005947.D

Acq: 30 May 2019 00:52

Instrument :

BNA_N

ClientSampleId :

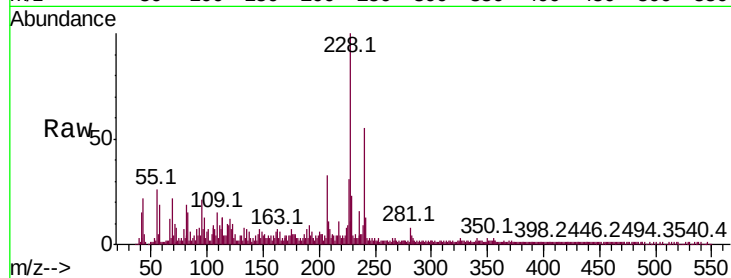
Tot Ion:228 Resp: 365850

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

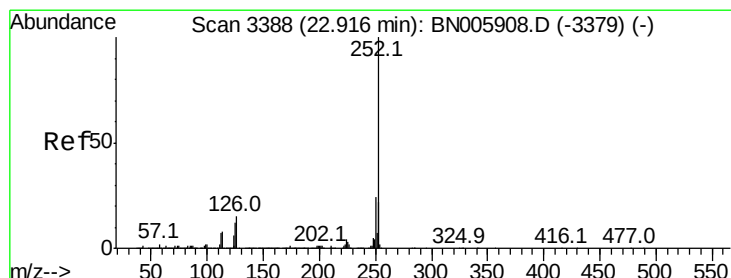
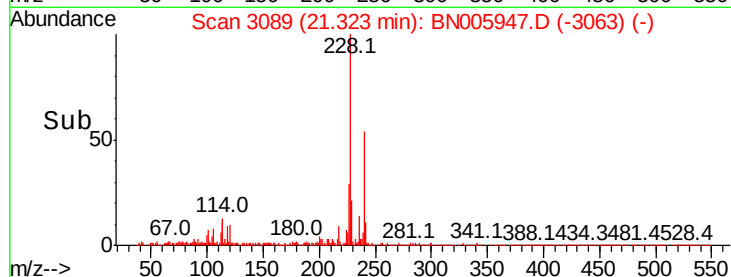
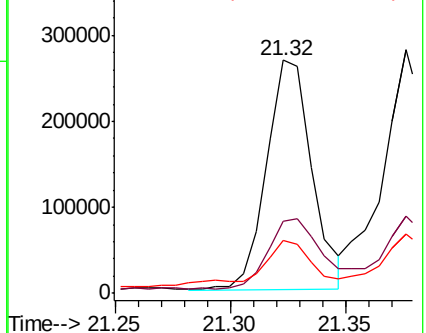
229 22.9 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 4.220 ng/ul

RT: 22.93 min Scan# 3363

Delta R.T. 0.02 min

Lab File: BN005947.D

Acq: 30 May 2019 00:52

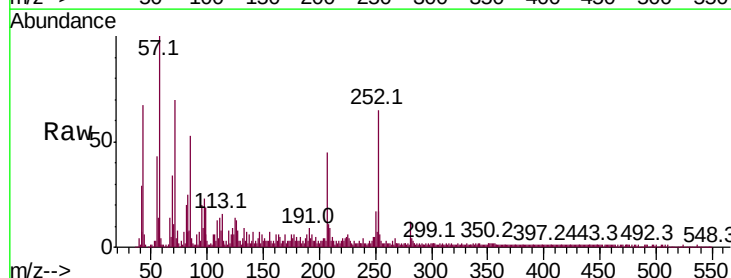
Tgt Ion:252 Resp: 505990

Ion Ratio Lower Upper

252 100

253 26.3 17.7 26.5

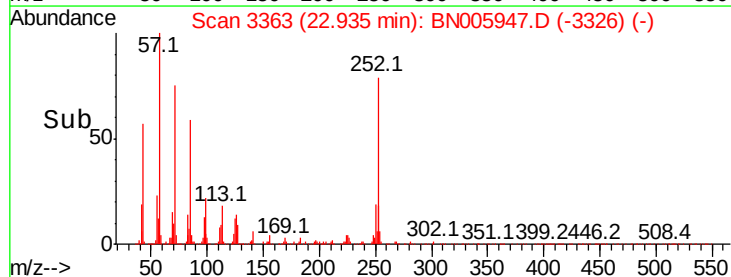
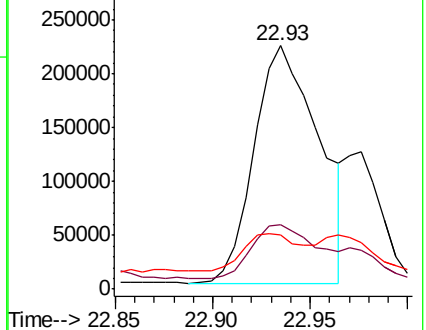
125 22.4 8.4 12.6#

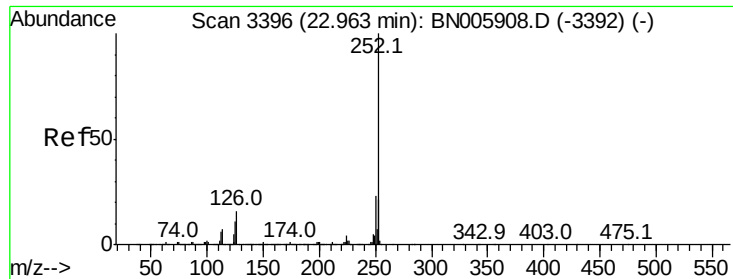


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 4.590 ng/ul

RT: 22.93 min Scan# 3363

Delta R.T. -0.03 min

Lab File: BN005947.D

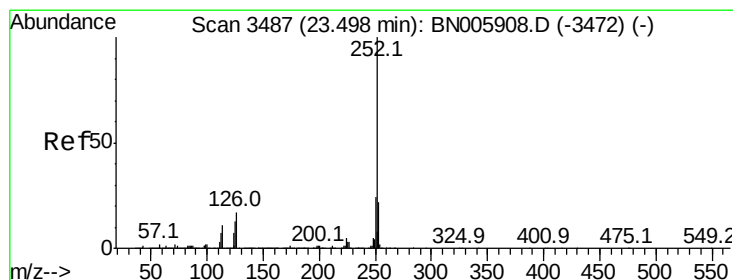
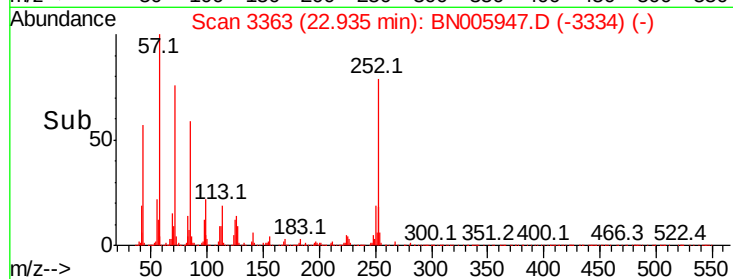
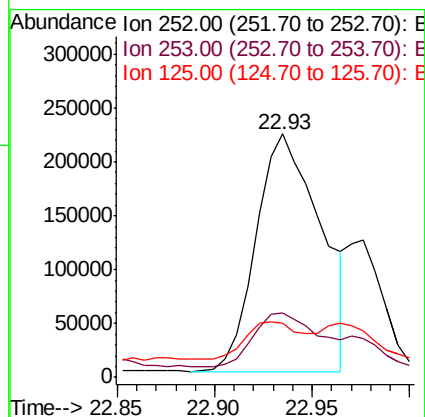
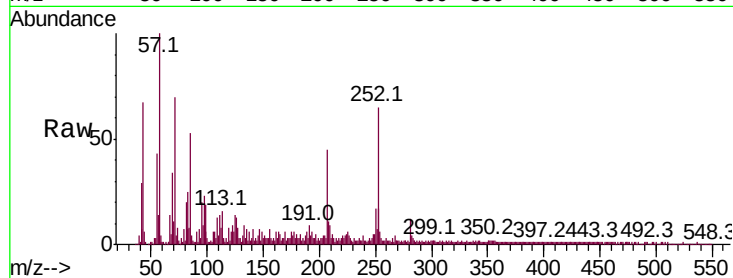
Acq: 30 May 2019 00:52

Instrument :

BNA_N

ClientSampled :

Tot Ion:	252	Resp:	505990
Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.4	26.0#
125	22.4	7.5	11.3#



#90

Benzo(a)pyrene

Concen: 2.769 ng/ul

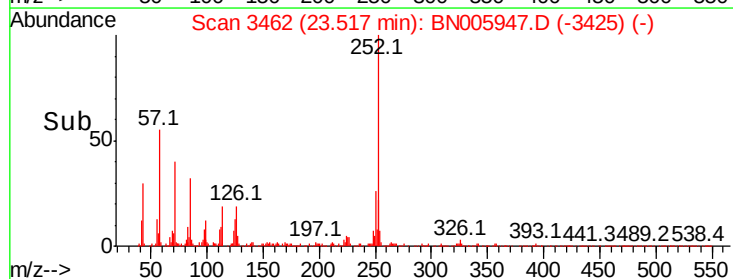
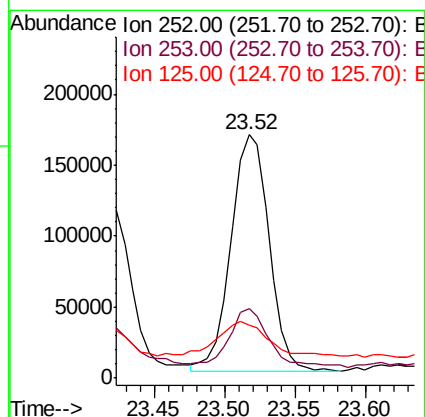
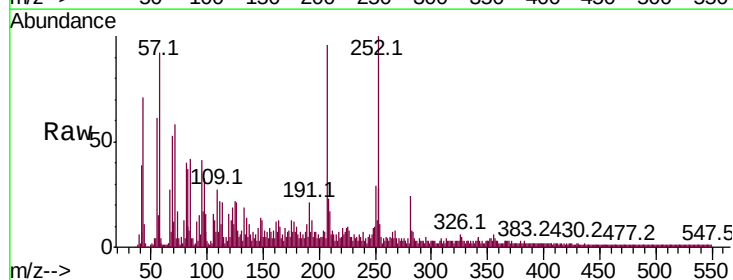
RT: 23.52 min Scan# 3462

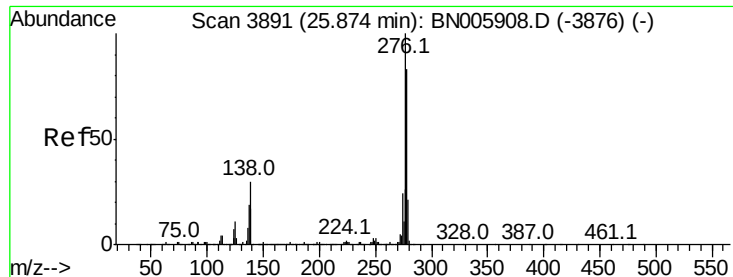
Delta R.T. 0.02 min

Lab File: BN005947.D

Acq: 30 May 2019 00:52

Tgt Ion:	252	Resp:	313053
Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.3	25.9#
125	21.9	8.6	13.0#



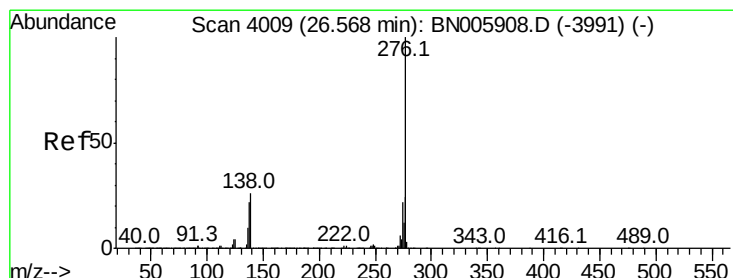
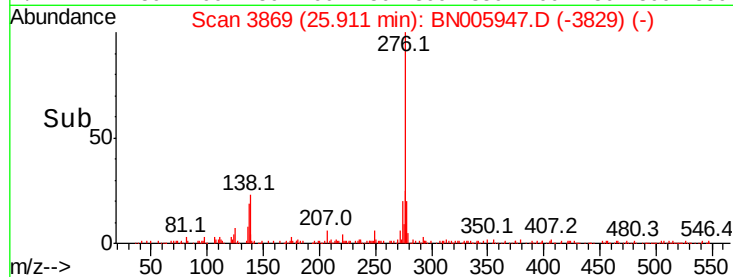
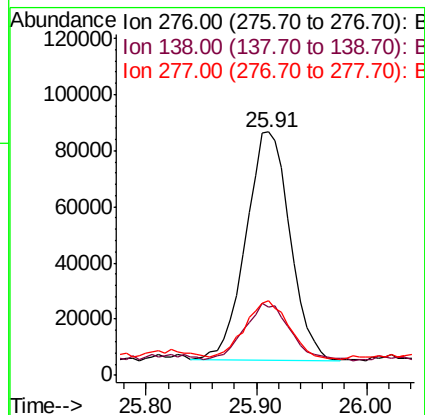
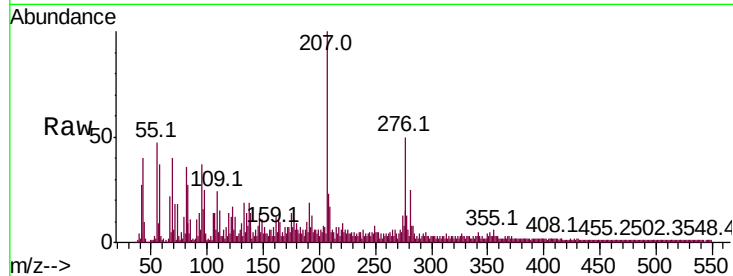


#91

Indeno(1,2,3-cd)pyrene
Concen: 1.721 ng/ul
RT: 25.91 min Scan# 3869
Delta R.T. 0.04 min
Lab File: BN005947.D
Acq: 30 May 2019 00:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	17.9	26.9#
277	30.7	19.7	29.5#



#93

Benzo(g,h,i)perylene
Concen: 1.332 ng/ul
RT: 26.61 min Scan# 3988
Delta R.T. 0.04 min
Lab File: BN005947.D
Acq: 30 May 2019 00:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.3	16.7	25.1#
277	33.2	18.2	27.2#

