

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
 Data File : BN006109.D
 Acq On : 05 Jun 2019 20:48
 Operator : JU/SJ
 Sample : K3015-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 06 01:13:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 04 17:47:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	336802	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1480497	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	833598	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1678113	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	1445595	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1602885	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	61019	7.85	ng/uL	0.00
5) Phenol-d5	6.82	99	315590	11.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	651525	42.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	745034	34.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	518052	24.85	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	437106	41.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	471407	40.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	771220	36.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	422196	16.68	ng/ul	-0.03
43) Dimethylphthalate-d6	13.71	166	2303990	38.96	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	2961864	38.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	95513	9.14	ng/ul	0.00
57) Fluorene-d10	15.30	176	1945691	38.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	296841	31.61	ng/ul	0.00
70) Anthracene-d10	17.15	188	2837077	39.62	ng/ul	0.00
78) Pyrene-d10	19.46	212	2939049	42.07	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.38	264	2832677	39.69	ng/ul	0.01

Target Compounds

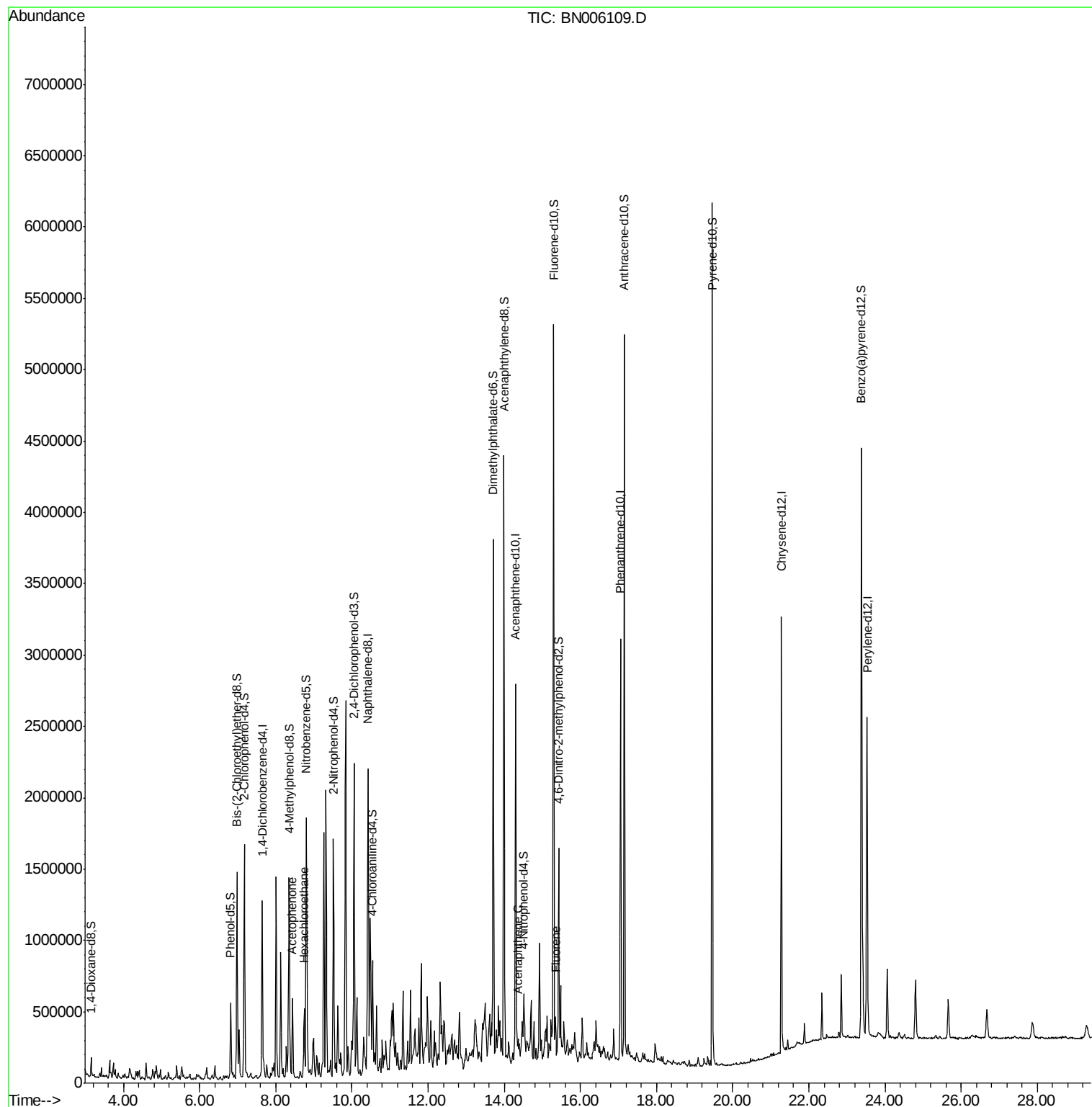
					Ovalue	
14) Acetophenone	8.44	105	382165	12.116	ng/ul#	32
17) Hexachloroethane	8.75	117	72431	7.802	ng/ul#	8
49) Acenaphthene	14.36	153	50760	1.004	ng/ul	97
58) Fluorene	15.36	166	75420	1.350	ng/ul	99

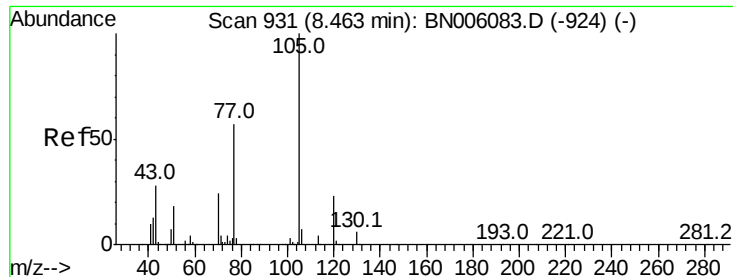
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 12.116 ng/ul

RT: 8.44 min Scan# 927

Delta R.T. -0.02 min

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Instrument :

BNA_N

ClientSampleId :

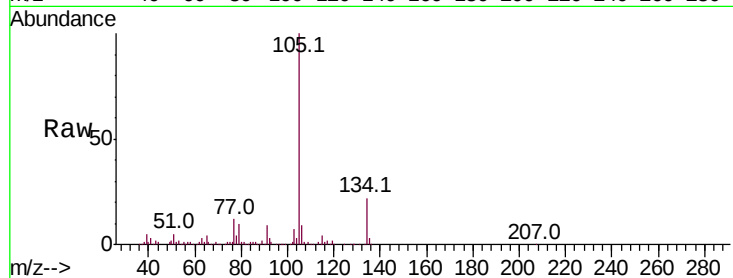
Tot Ion:105 Resp: 382165

Ion Ratio Lower Upper

105 100

77 11.5 62.9 94.3#

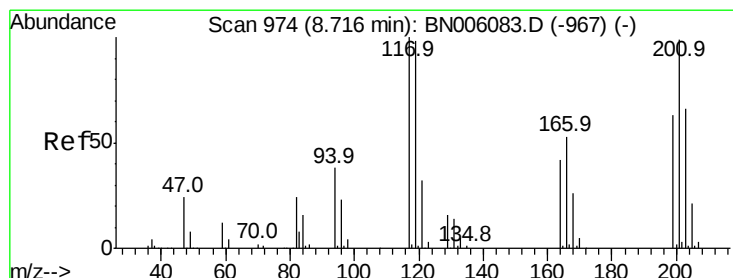
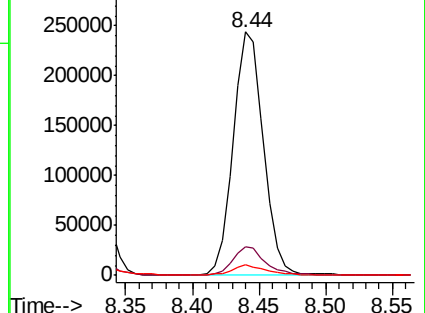
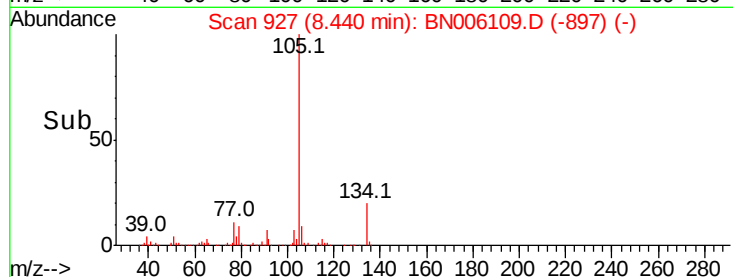
51 4.5 21.4 32.2#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNO

Ion 51.00 (50.70 to 51.70): BNO



#17

Hexachloroethane

Concen: 7.802 ng/ul

RT: 8.75 min Scan# 979

Delta R.T. 0.03 min

Lab File: BN006109.D

Acq: 05 Jun 2019 20:48

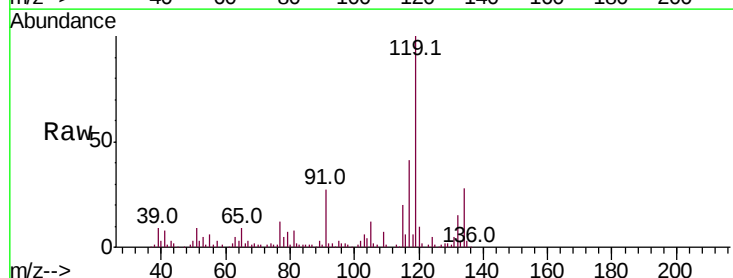
Tgt Ion:117 Resp: 72431

Ion Ratio Lower Upper

117 100

201 0.0 79.0 118.4#

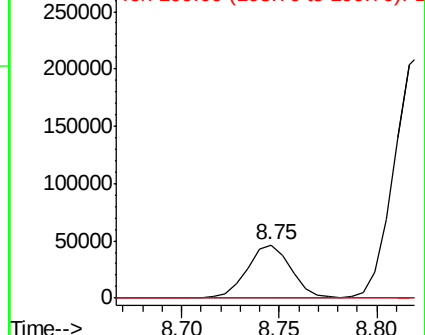
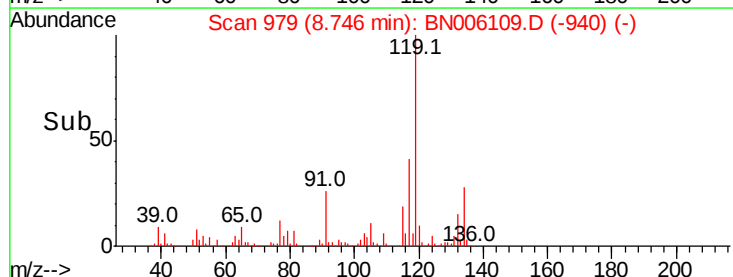
199 0.0 51.0 76.4#

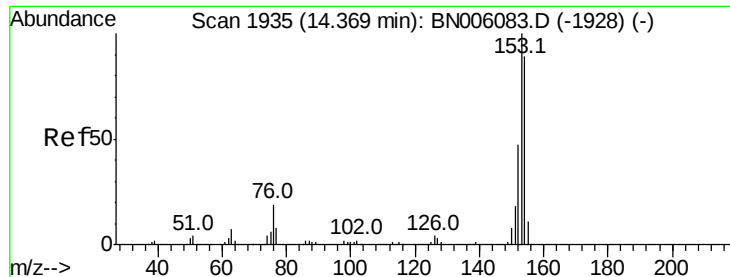


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#49

Acenaphthene

Concen: 1.004 ng/ul

RT: 14.36 min Scan# 1934

Delta R.T. -0.01 min

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Acq: 05 Jun 2019 20:48

Instrument :

BNA_N

ClientSampleId :

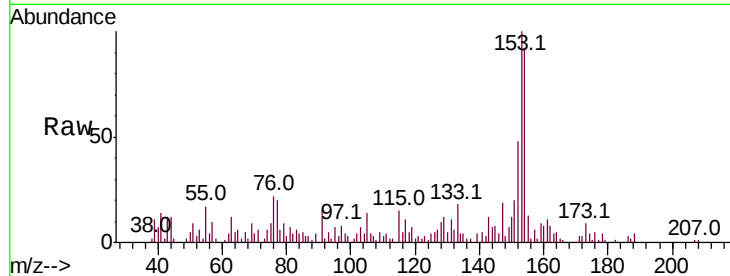
Tot Ion:153 Resp: 50760

Ion Ratio Lower Upper

153 100

152 48.2 37.9 56.9

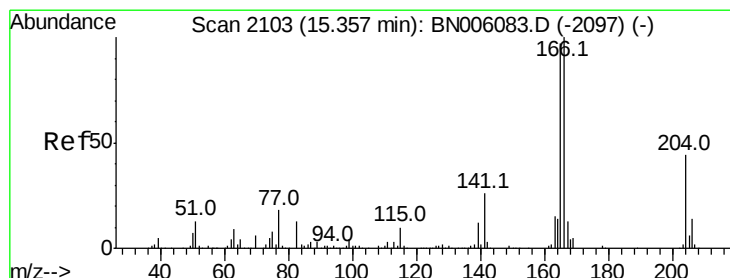
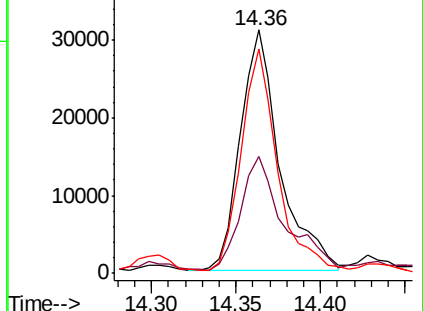
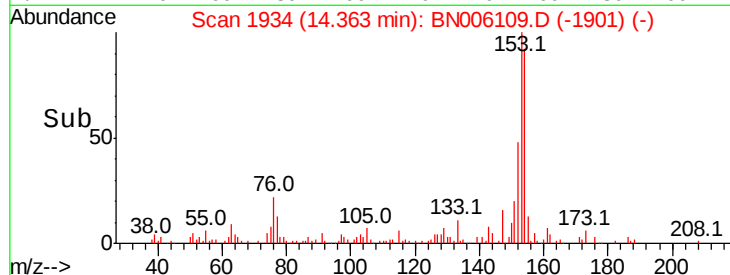
154 92.4 71.4 107.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#58

Fluorene

Concen: 1.350 ng/ul

RT: 15.36 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BN006109.D

Acq: 05 Jun 2019 20:48

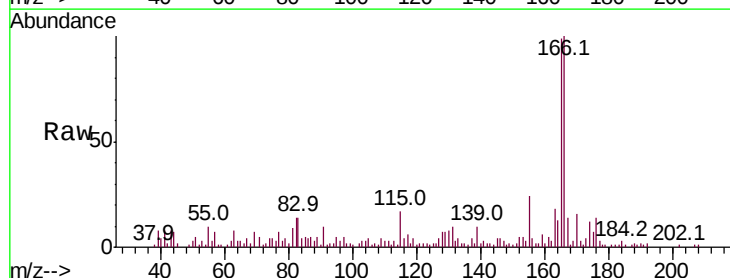
Tgt Ion:166 Resp: 75420

Ion Ratio Lower Upper

166 100

165 99.4 78.3 117.5

167 14.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

