

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
 Data File : BN005604.D
 Acq On : 11 May 2019 00:17
 Operator : JU/SJ
 Sample : K2613-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 11 02:48:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 07 05:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	137504	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	570215	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.22	164	345781	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	800092	20.00	ng/ul	-0.01
77) Chrysene-d12	21.20	240	729124	20.00	ng/ul	-0.02
85) Perylene-d12	23.40	264	686614	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.20	96	7511	2.64	ng/uL	0.00
5) Phenol-d5	6.77	99	135575	12.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	85105	12.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	117628	14.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	82013	9.71	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	64095	18.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	70572	19.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	119182	14.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	129168	15.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	414671	16.52	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	490304	15.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	37202	9.39	ng/ul	0.02
57) Fluorene-d10	15.22	176	351318	16.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	38481	10.69	ng/ul	0.00
70) Anthracene-d10	17.07	188	508575	15.16	ng/ul	-0.01
78) Pyrene-d10	19.38	212	585345	15.69	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.26	264	459142	15.30	ng/ul	-0.02

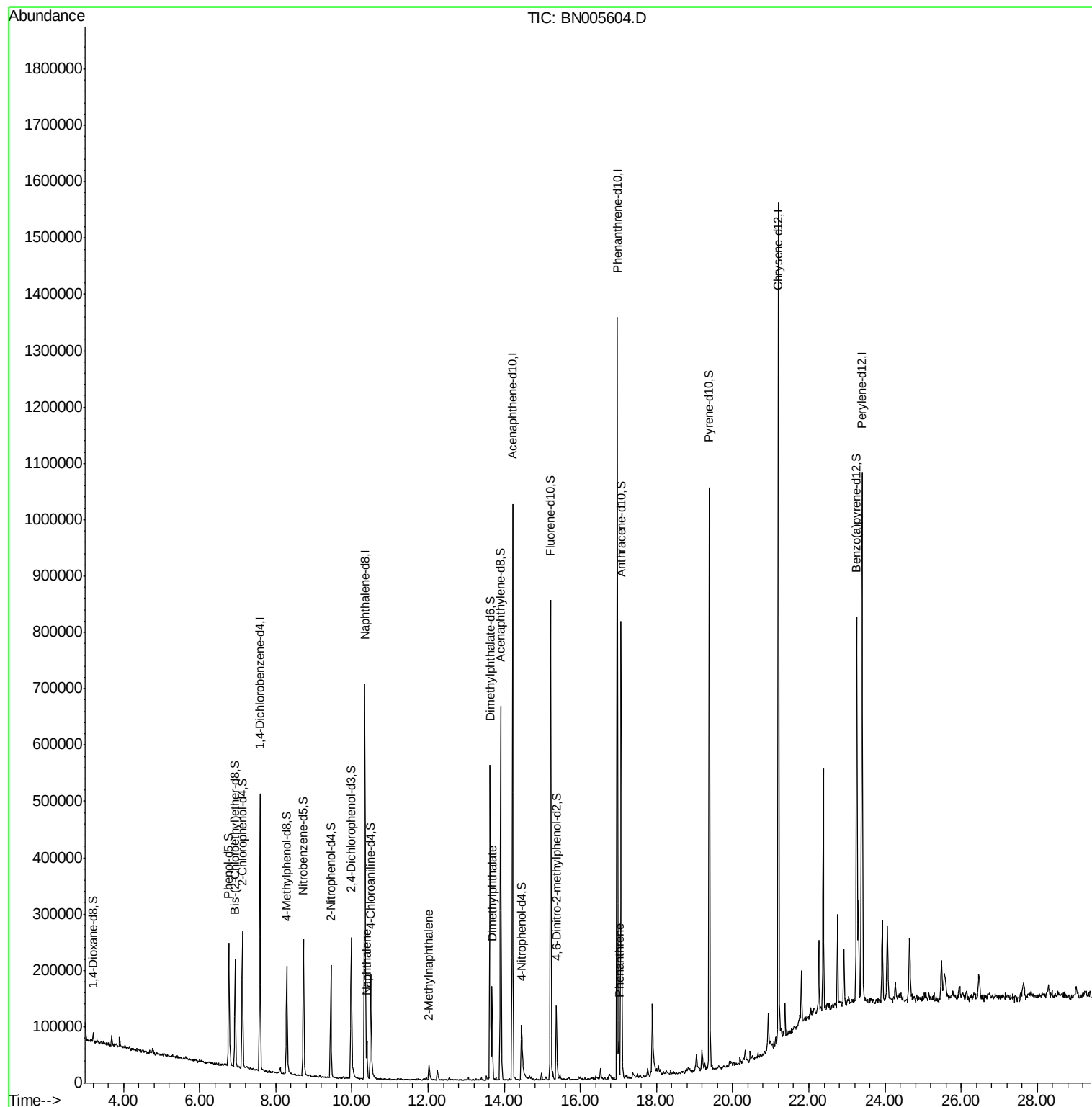
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.39	128	57296	2.161	ng/ul	97
34) 2-Methylnaphthalene	12.03	142	19506	1.005	ng/ul	96
44) Dimethylphthalate	13.68	163	118000	4.718	ng/ul	98
69) Phenanthrene	17.02	178	41320	1.060	ng/ul	97

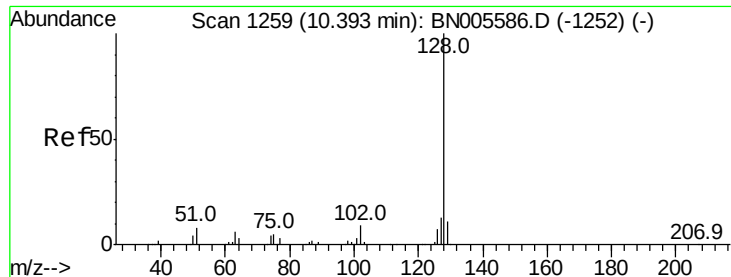
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 2.161 ng/ul

RT: 10.39 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BN005604.D

Acq: 11 May 2019 00:17

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BNA_N

ClientSampleId :

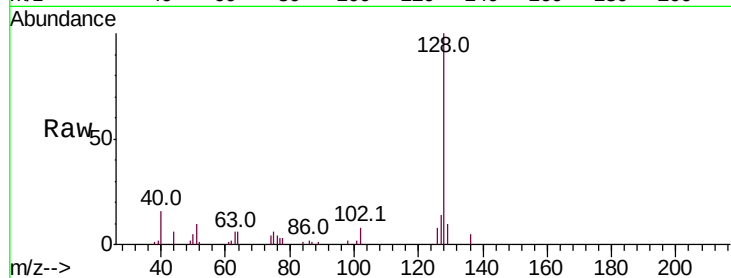
Tot Ion:128 Resp: 57296

Ion Ratio Lower Upper

128 100

129 9.8 9.2 13.8

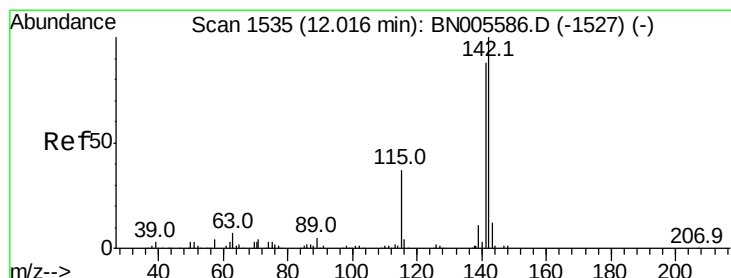
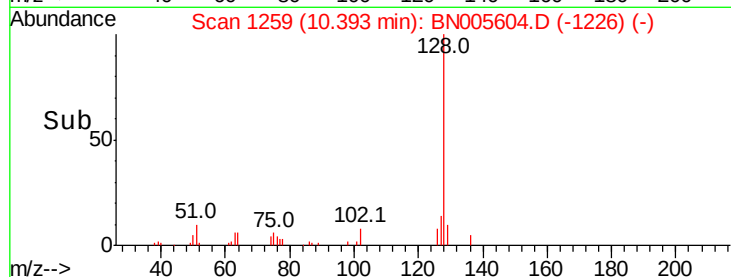
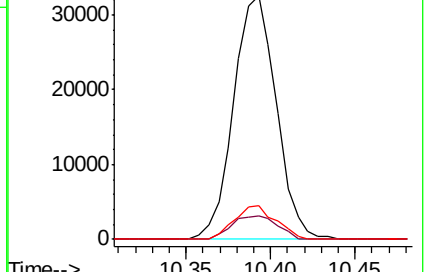
127 13.9 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 1.005 ng/ul

RT: 12.03 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BN005604.D

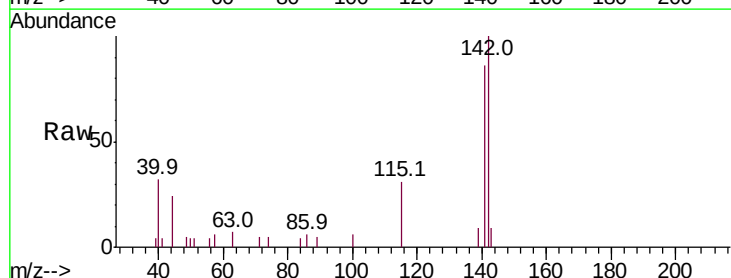
Acq: 11 May 2019 00:17

Tgt Ion:142 Resp: 19506

Ion Ratio Lower Upper

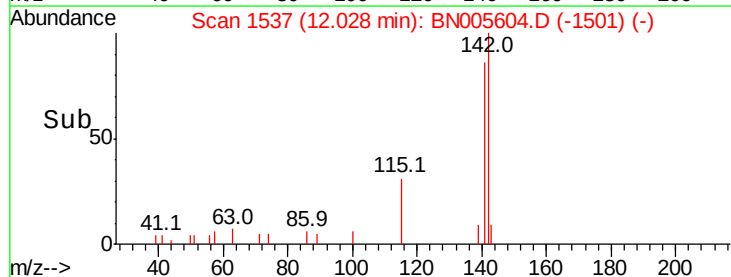
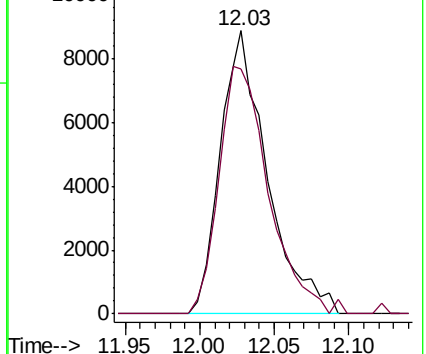
142 100

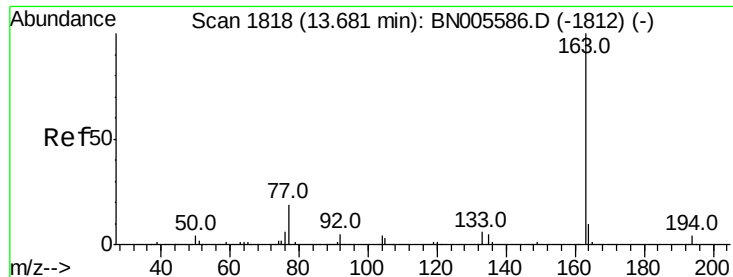
141 86.4 72.0 108.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#44

Dimethylphthalate

Concen: 4.718 ng/ul

RT: 13.68 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BN005604.D

Acq: 11 May 2019 00:17

Instrument :

BNA_N

ClientSampled :

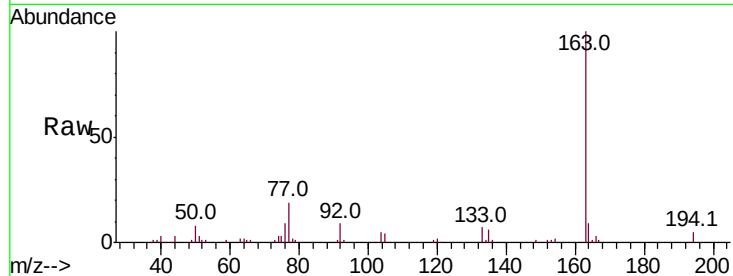
Tot Ion:163 Resp: 118000

Ion Ratio Lower Upper

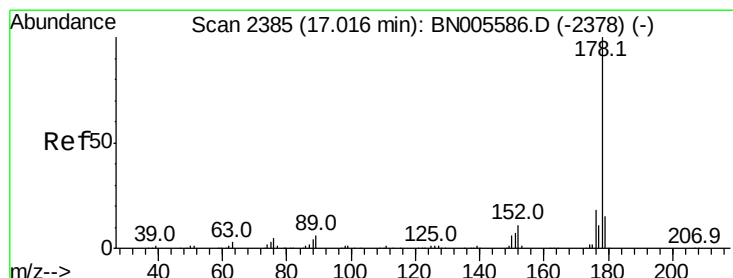
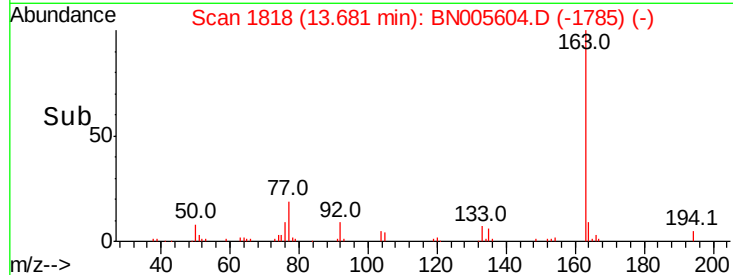
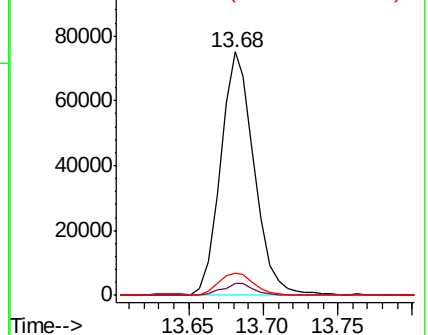
163 100

194 4.9 3.4 5.0

164 9.3 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: 1.060 ng/ul

RT: 17.02 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BN005604.D

Acq: 11 May 2019 00:17

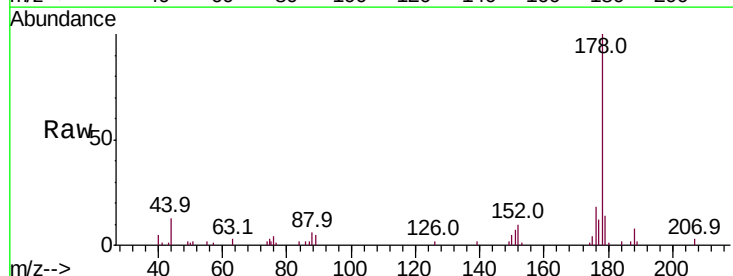
Tgt Ion:178 Resp: 41320

Ion Ratio Lower Upper

178 100

179 13.6 12.2 18.4

176 18.1 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

