

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022719\
 Data File : BN004529.D
 Acq On : 27 Feb 2019 16:56
 Operator : JU/SJ
 Sample : K1623-05DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C09R8DL

Quant Time: Feb 28 05:06:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 28 05:03:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	37253	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	163695	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	100747	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.12	188	250316	20.00	ng/ul	-0.01
78) Chrysene-d12	21.32	240	321797	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	394599	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.89	99	3515	1.06	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.08	67	9437	5.66	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.26	132	13312	4.94	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	7805	2.74	ng/ul	-0.01
19) Nitrobenzene-d5	8.90	128	7756	7.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	8409	7.43	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.13	165	15401	6.01	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.67	131	352	0.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.78	166	63699	7.46	ng/ul	-0.02
47) Acenaphthylene-d8	14.07	160	71906	7.10	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.56	143	1537	0.94	ng/ul	-0.02
58) Fluorene-d10	15.37	176	54357	7.23	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.49	200	6781	4.65	ng/ul	-0.01
71) Anthracene-d10	17.22	188	89841	7.49	ng/ul	-0.02
79) Pyrene-d10	19.52	212	105456	7.31	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.44	264	153656	7.42	ng/ul	-0.02

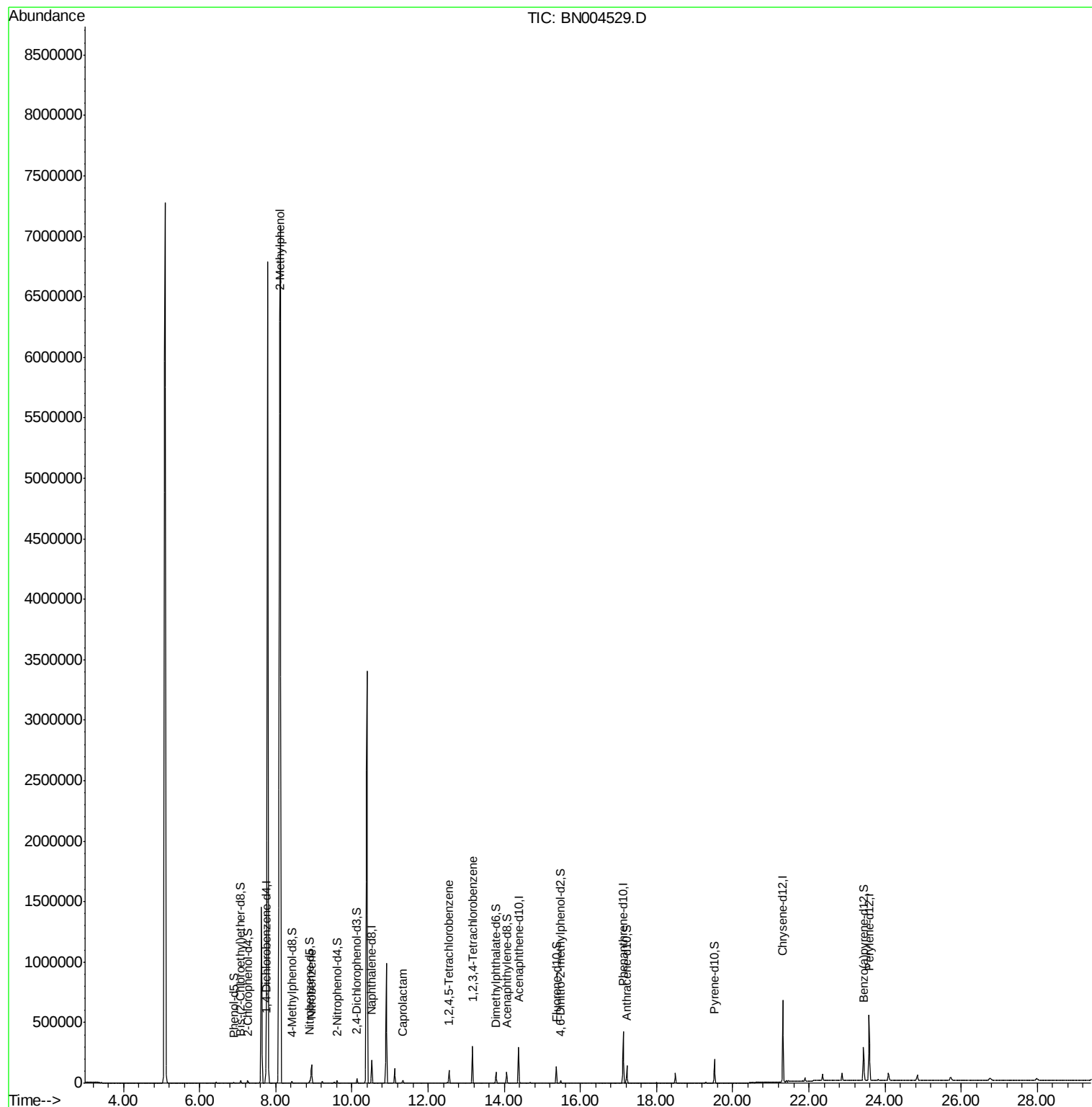
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) 2-Methylphenol	8.12	108	35356	13.335	ng/ul	91
20) Nitrobenzene	8.94	77	86018	36.280	ng/ul	99
32) Caprolactam	11.34	113	1992	2.330	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	41129	12.263	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	96612	28.138	ng/uL	99

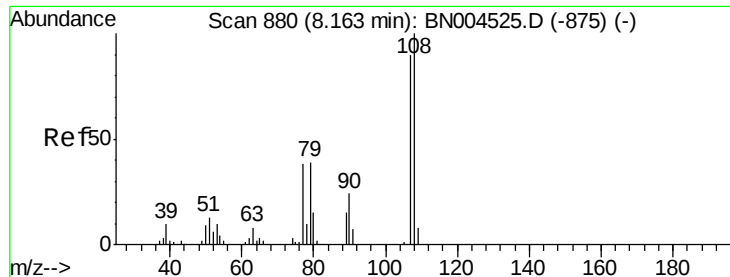
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 13.335 ng/ul

RT: 8.12 min Scan# 872

Delta R.T. -0.06 min

Lab File: BN004529.D

Acq: 27 Feb 2019 16:56

Instrument :

BNA_N

ClientSampleId :

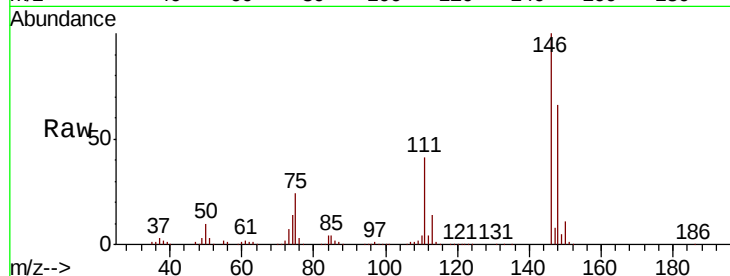
C09R8DL

Tgt Ion:108 Resp: 35356

Ion Ratio Lower Upper

108 100

107 82.5 72.7 109.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

15000

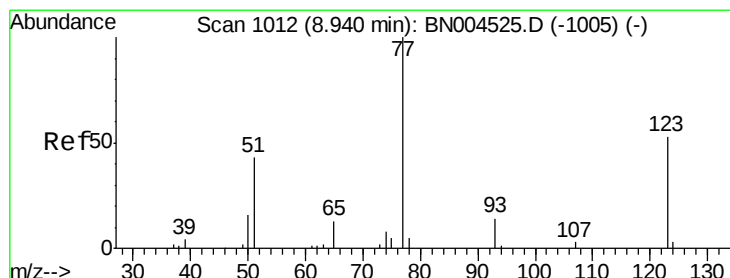
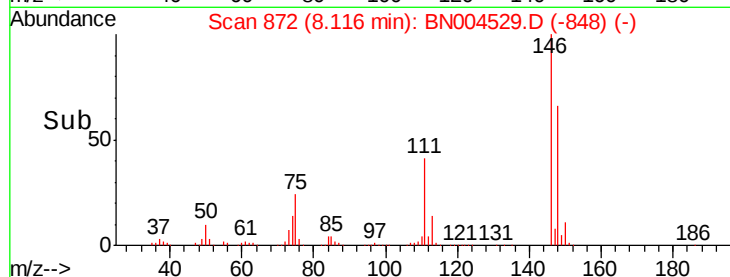
10000

5000

0

8.05 8.10 8.15

Time-->



#20

Nitrobenzene

Concen: 36.280 ng/ul

RT: 8.94 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BN004529.D

Acq: 27 Feb 2019 16:56

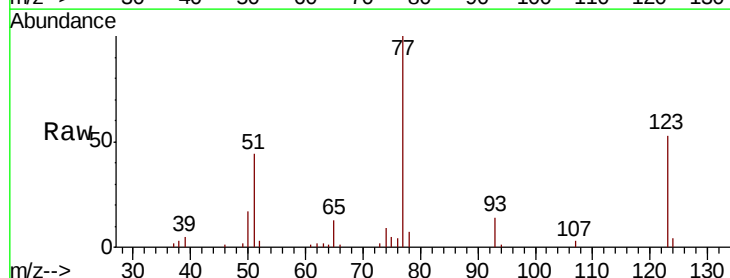
Tgt Ion: 77 Resp: 86018

Ion Ratio Lower Upper

77 100

123 52.5 41.6 62.4

65 12.8 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC

60000

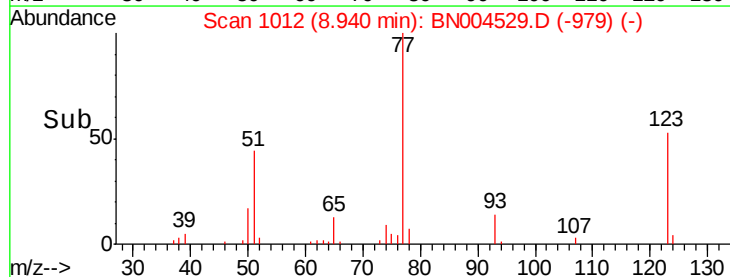
40000

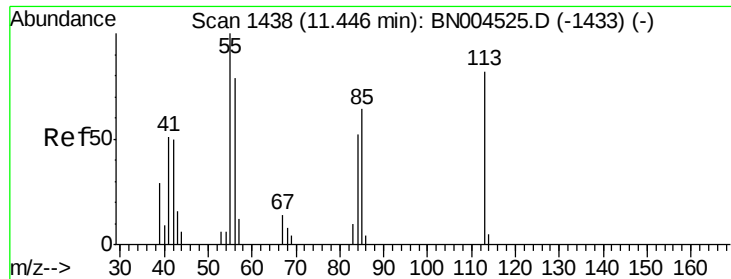
20000

0

8.90 8.95 9.00

Time-->





#32

Caprolactam

Concen: 2.330 ng/ul

RT: 11.34 min Scan# 1420

Delta R.T. -0.12 min

Lab File: BN004529.D

Acq: 27 Feb 2019 16:56

Instrument :

BNA_N

ClientSampleId :

C09R8DL

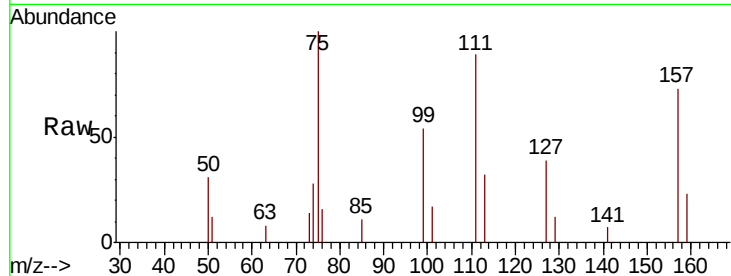
Tgt Ion:113 Resp: 1992

Ion Ratio Lower Upper

113 100

55 0.0 100.7 151.1#

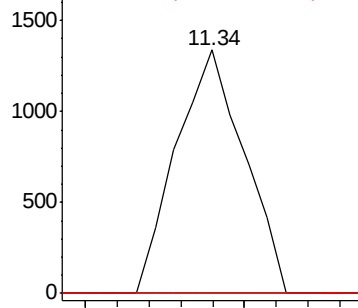
56 0.0 76.1 114.1#



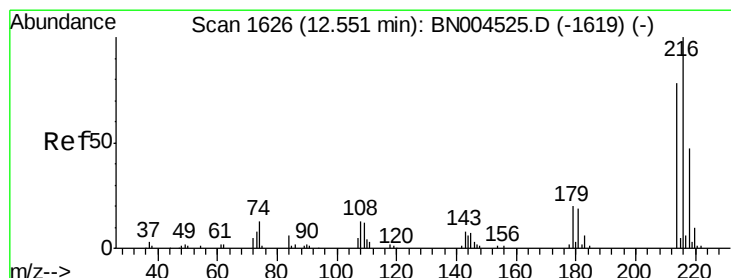
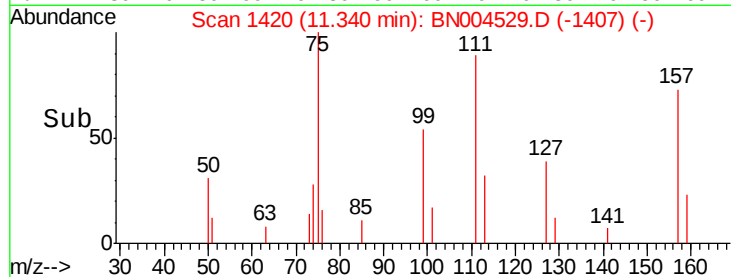
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



Time-->



#37

1,2,4,5-Tetrachlorobenzene

Concen: 12.263 ng/ul

RT: 12.55 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BN004529.D

Acq: 27 Feb 2019 16:56

Tgt Ion:216 Resp: 41129

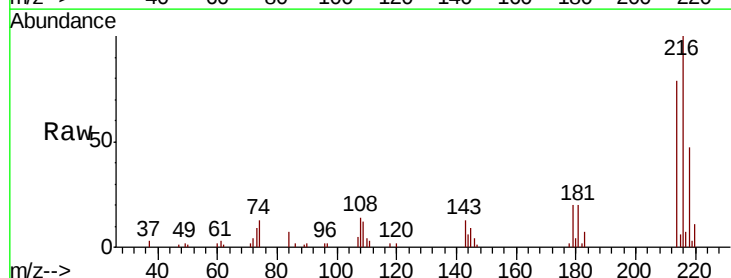
Ion Ratio Lower Upper

216 100

214 79.1 60.9 91.3

179 20.0 16.2 24.4

108 14.3 11.5 17.3

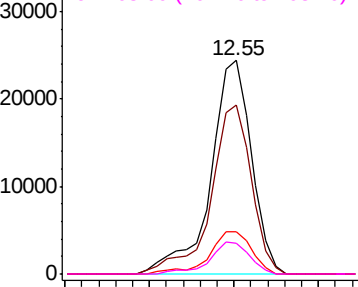


Abundance Ion 216.00 (215.70 to 216.70): E

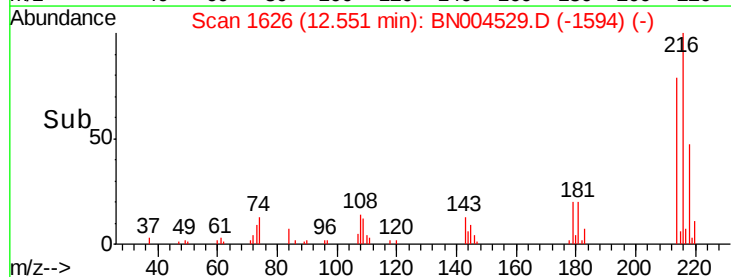
Ion 214.00 (213.70 to 214.70): E

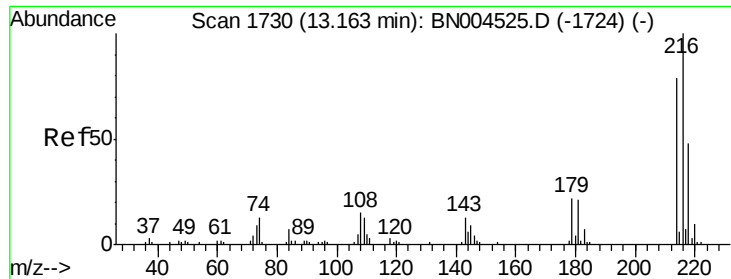
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->





#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 28.138 ng/uL
 RT: 13.16 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BN004529.D
 Acq: 27 Feb 2019 16:56

Instrument :
 BNA_N
 ClientSampleId :
 C09R8DL

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	61.9	92.9
218	47.4	38.7	58.1

