

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082720\
 Data File : BM027271.D
 Acq On : 27 Aug 2020 11:52
 Operator : JU/CG
 Sample : L3776-05DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4Y04DL

Quant Time: Aug 27 12:26:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 27 10:53:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	160577	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	635900	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	455854	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	1071838	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	1162507	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	1012289	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.78	99	8167	0.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	23235	2.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	21884	2.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	14802	1.42	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	11712	2.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	12608	2.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	28381	2.37	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	31133	2.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	109782	3.04	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	121379	2.84	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.23	176	96191	3.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	6487	0.93	ng/ul	0.00
71) Anthracene-d10	17.07	188	159597	3.14	ng/ul	0.00
79) Pyrene-d10	19.37	212	191715	2.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	158294	2.80	ng/ul	0.00

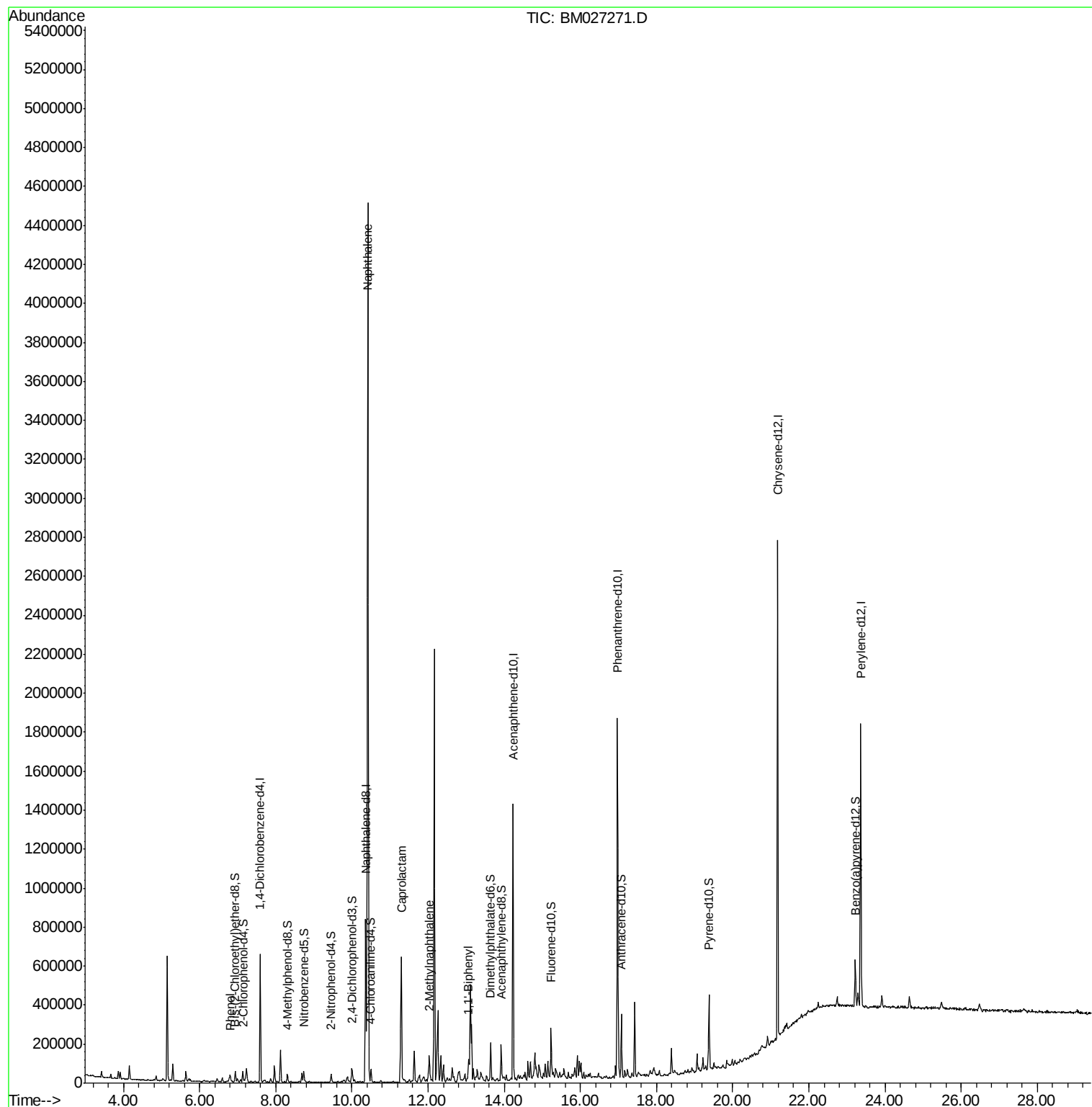
Target Compounds					Ovalue	
6) Phenol	6.80	94	17114	1.257	ng/ul#	89
28) Naphthalene	10.42	128	3063312	90.453	ng/ul	100
32) Caprolactam	11.30	113	131466	37.680	ng/ul	95
34) 2-Methylnaphthalene	12.03	142	57879	2.250	ng/ul	98
41) 1,1'-Biphenyl	13.06	154	42816	1.197	ng/ul	97

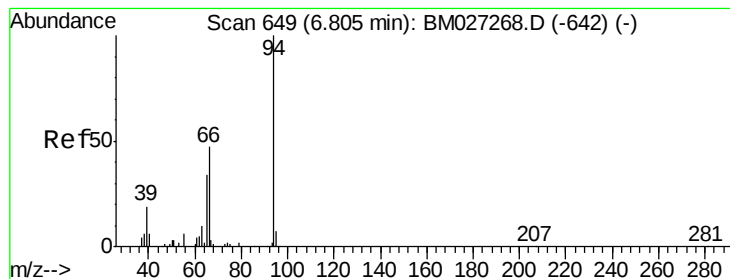
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.257 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM027271.D

Acq: 27 Aug 2020 11:52

Instrument :

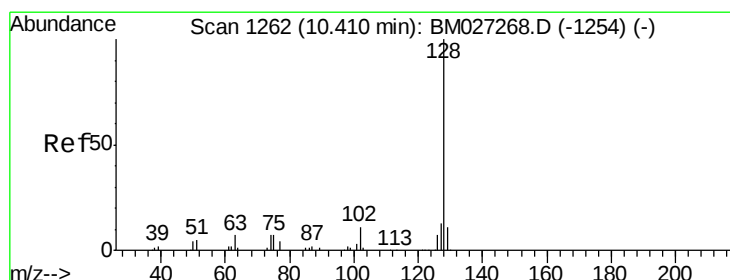
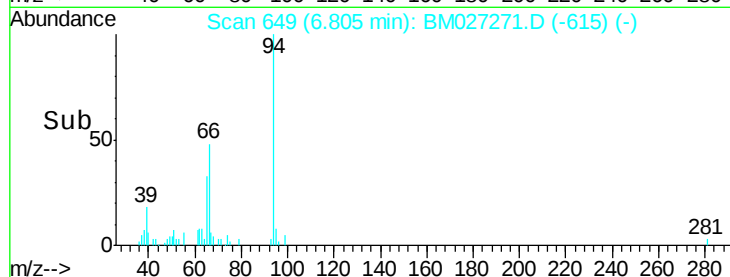
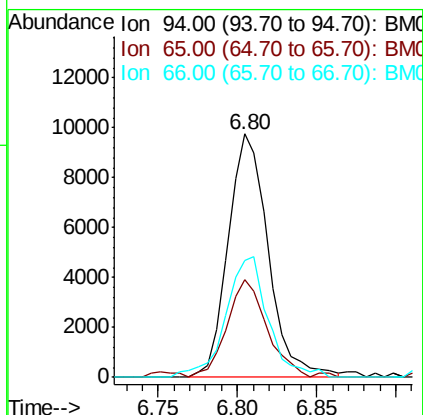
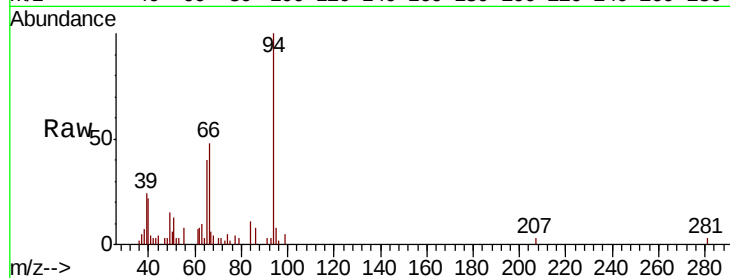
BNA_M

ClientSampleId :

F4Y04DL

Tot Ion: 94 Resp: 17114

Ion	Ratio	Lower	Upper
94	100		
65	40.3	24.8	37.2#
66	48.0	34.7	52.1



#28

Naphthalene

Concen: 90.453 ng/ul

RT: 10.42 min Scan# 1263

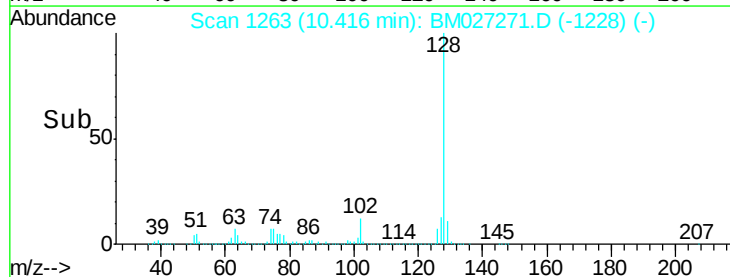
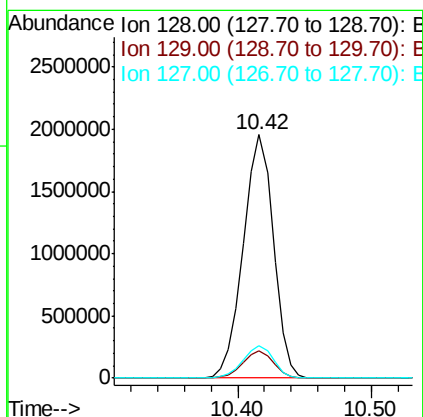
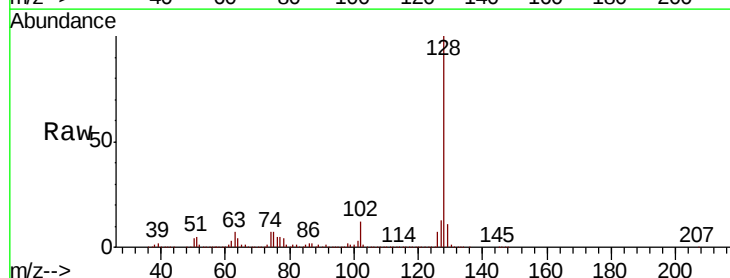
Delta R.T. 0.01 min

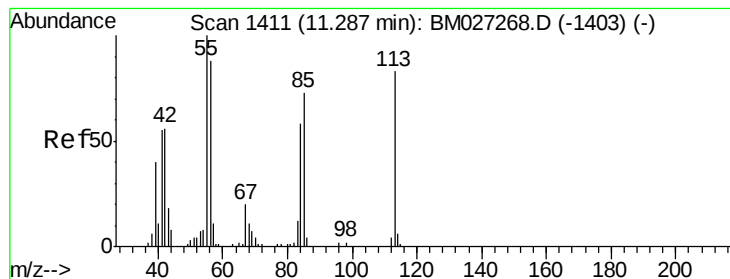
Lab File: BM027271.D

Acq: 27 Aug 2020 11:52

Tgt Ion: 128 Resp: 3063312

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.1	10.4	15.6





#32

Caprolactam

Concen: 37.680 ng/ul

RT: 11.30 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BM027271.D

Acq: 27 Aug 2020 11:52

Instrument :

BNA_M

ClientSampleId :

F4Y04DL

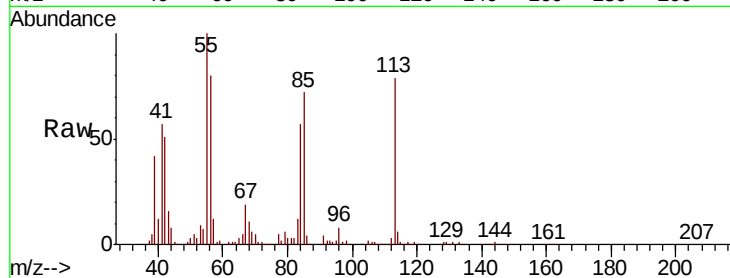
Tot Ion:113 Resp: 131466

Ion Ratio Lower Upper

113 100

55 126.7 94.0 141.0

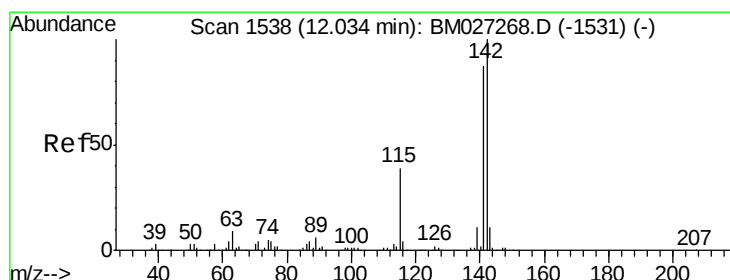
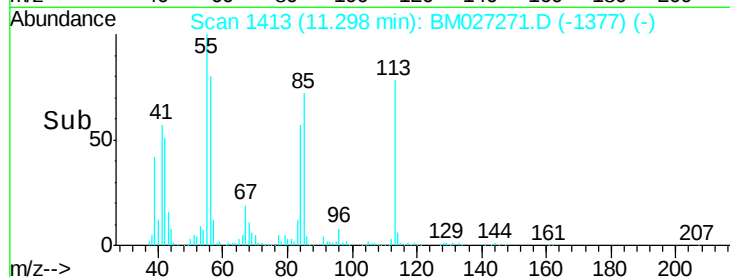
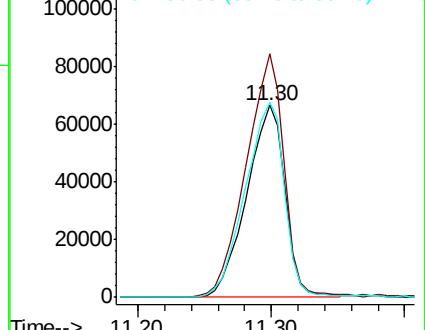
56 101.6 82.4 123.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#34

2-Methylnaphthalene

Concen: 2.250 ng/ul

RT: 12.03 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BM027271.D

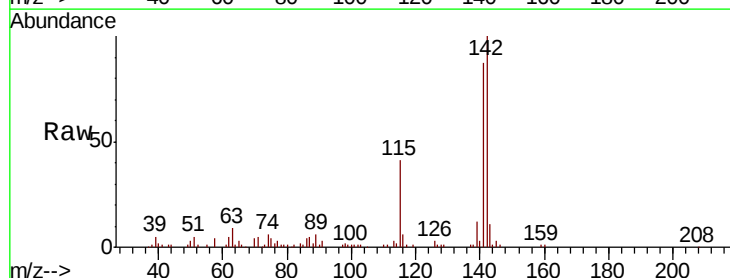
Acq: 27 Aug 2020 11:52

Tgt Ion:142 Resp: 57879

Ion Ratio Lower Upper

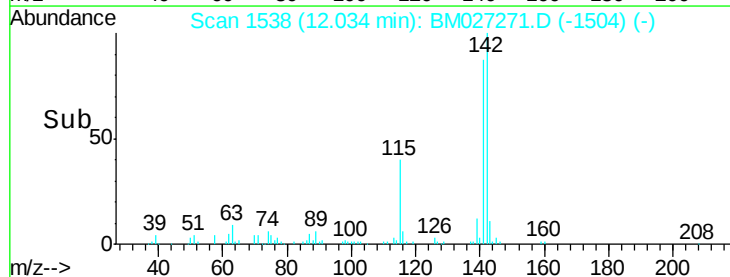
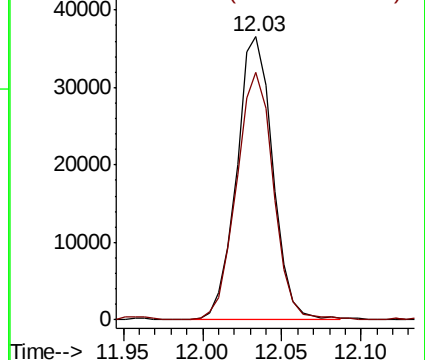
142 100

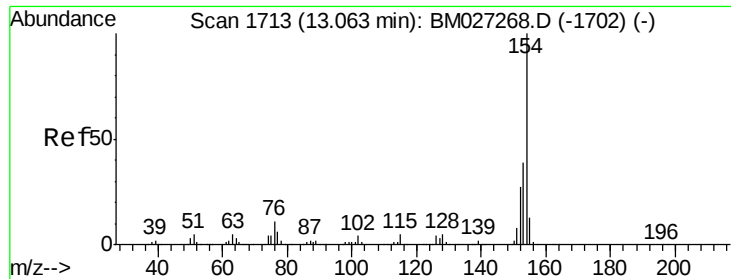
141 87.5 71.1 106.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#41
 1,1'-Biphenyl
 Concen: 1.197 ng/ul
 RT: 13.06 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BM027271.D
 Acq: 27 Aug 2020 11:52

Instrument :
 BNA_M
 ClientSampleId :
 F4Y04DL

Tot Ion:	154	Resp:	42816
Ion	Ratio	Lower	Upper
154	100		
153	38.6	32.2	48.2
76	11.4	10.2	15.4

