

Data File : BM022387.D
Acq On : 28 Aug 2019 16:35
Operator : HP/JU
Sample : K4395-04DL2 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE2DL2

Quant Time: Aug 28 18:14:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 28 13:13:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	21941	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.31	136	101491	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.19	164	73376	20.00	ng/ul	-0.02
61) Phenanthrene-d10	16.96	188	175303	20.00	ng/ul	-0.01
77) Chrysene-d12	21.17	240	155973	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	159212	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	6.77	67	246	0.22	ng/ul	-0.14
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
46) Acenaphthylene-d8	13.89	160	1829	0.26	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.21	176	1671	0.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	19.38	212	3154	0.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	2529	0.29	ng/ul	0.00

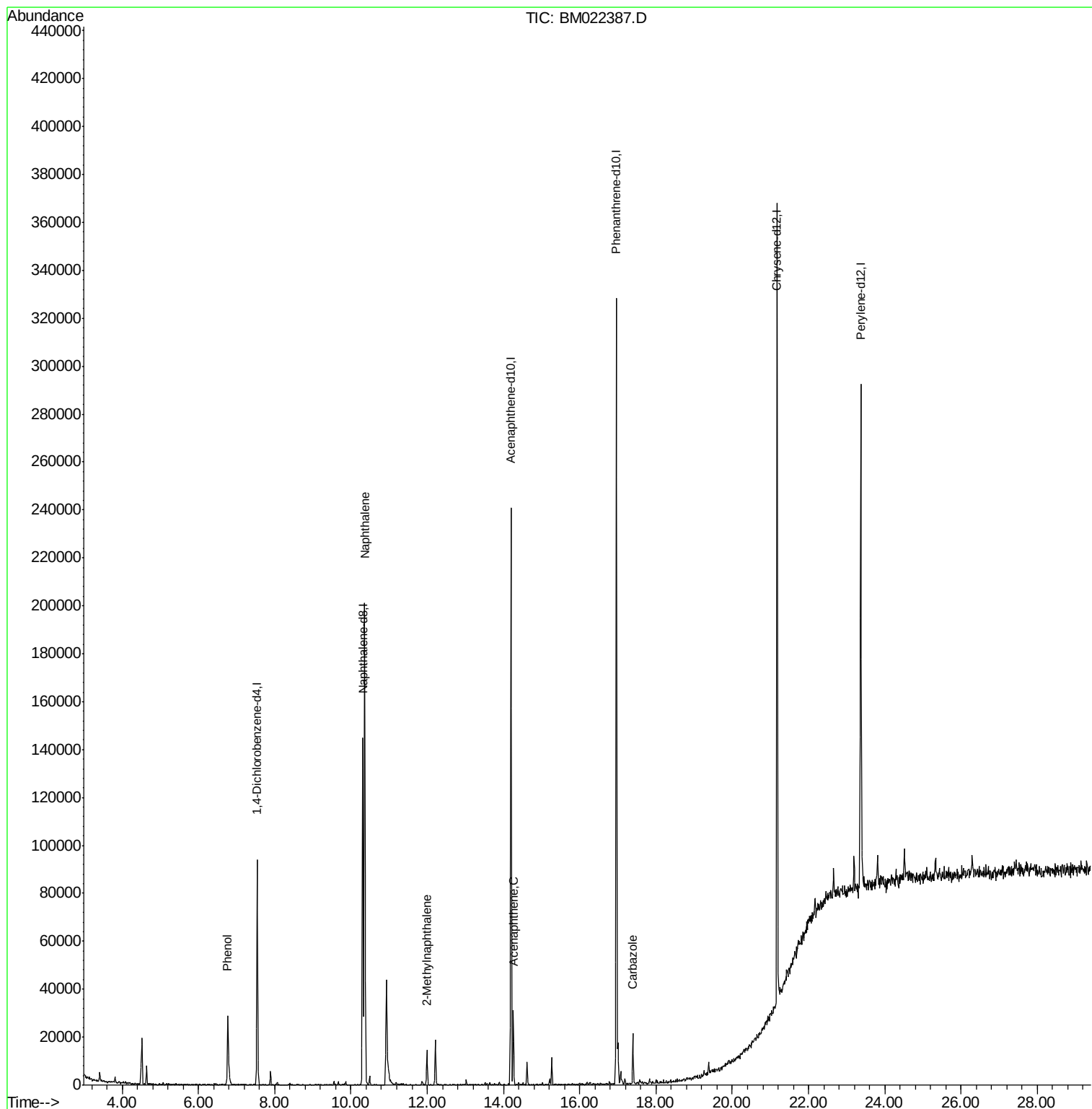
Target Compounds				Qvalue		
6) Phenol	6.77	94	19439	9.587	ng/ul#	88
28) Naphthalene	10.36	128	150276	26.831	ng/ul	98
34) 2-Methylnaphthalene	11.99	142	7759	1.798	ng/ul	97
49) Acenaphthene	14.26	153	12889	2.515	ng/ul	94
74) Carbazole	17.39	167	16082	1.631	ng/ul	99

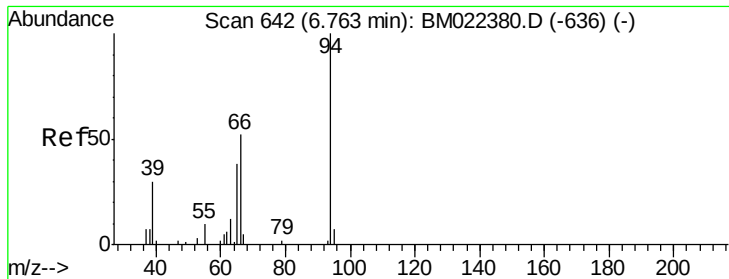
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 9.587 ng/ul

RT: 6.77 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM022387.D

Acq: 28 Aug 2019 16:35

Instrument :

BNA_M

ClientSampleId :

C0AE2DL2

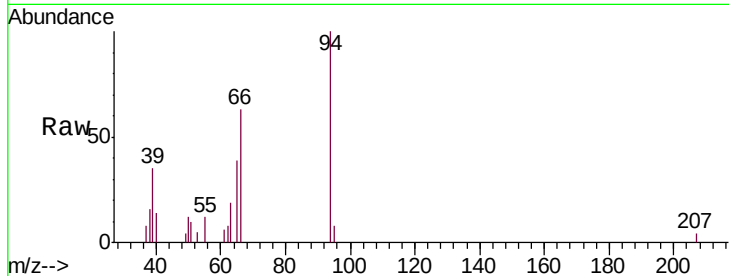
Tgt Ion: 94 Resp: 19439

Ion Ratio Lower Upper

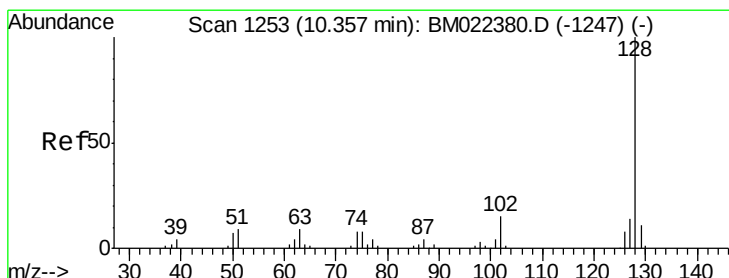
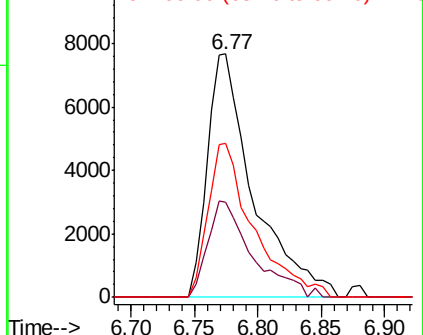
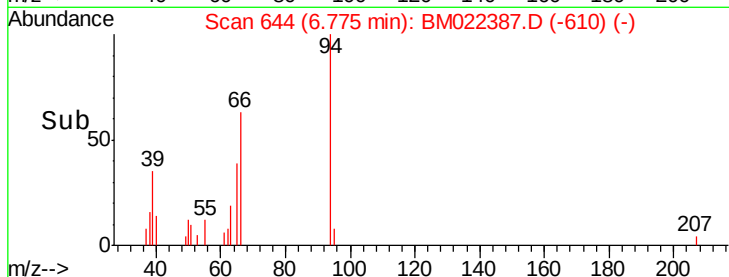
94 100

65 39.0 29.2 43.8

66 63.1 40.6 60.8#



Abundance Ion 94.00 (93.70 to 94.70): BM022387.D (-610) (-)



#28

Naphthalene

Concen: 26.831 ng/ul

RT: 10.36 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM022387.D

Acq: 28 Aug 2019 16:35

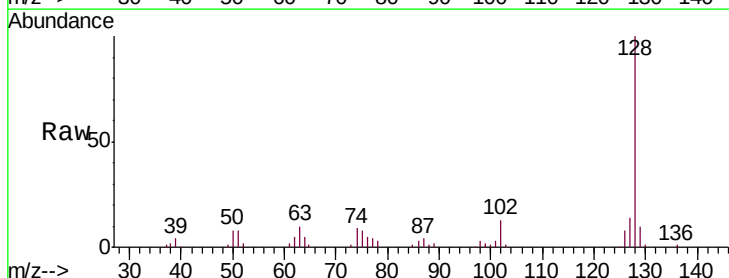
Tgt Ion: 128 Resp: 150276

Ion Ratio Lower Upper

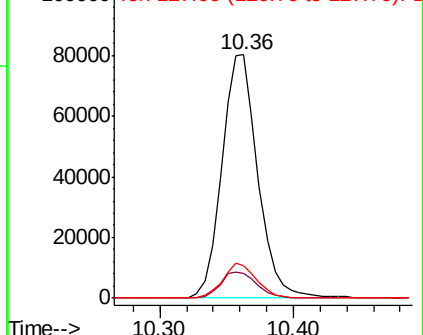
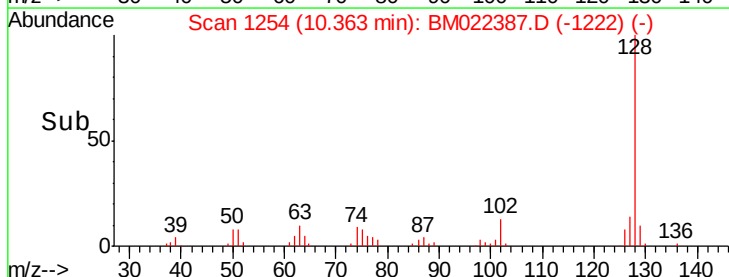
128 100

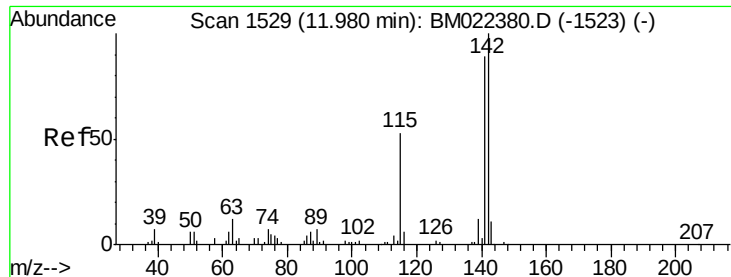
129 10.1 8.6 13.0

127 13.5 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): BM022387.D (-1222) (-)

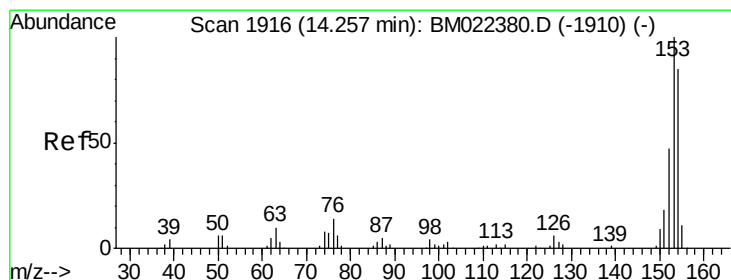
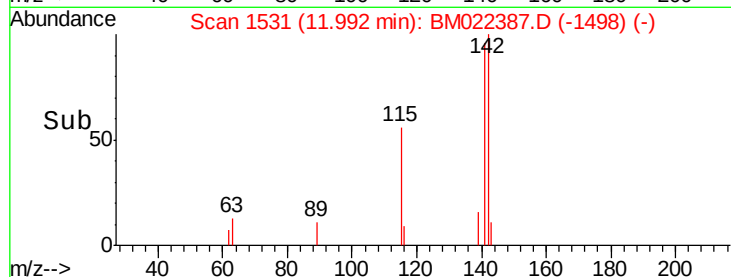
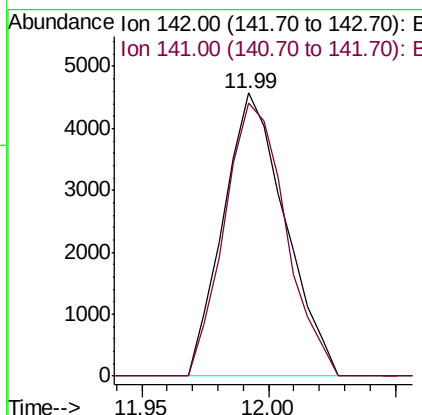
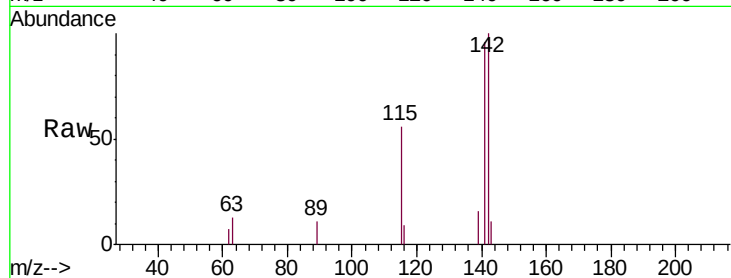




#34
 2-Methylnaphthalene
 Concen: 1.798 ng/ul
 RT: 11.99 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BM022387.D
 Acq: 28 Aug 2019 16:35

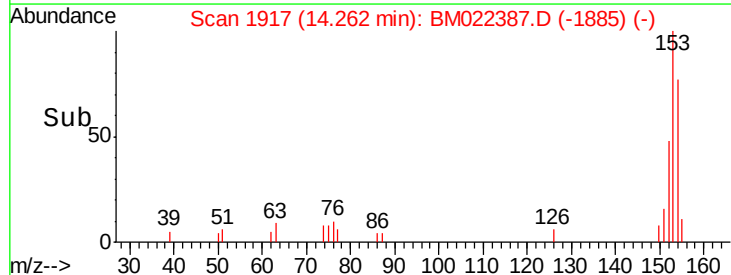
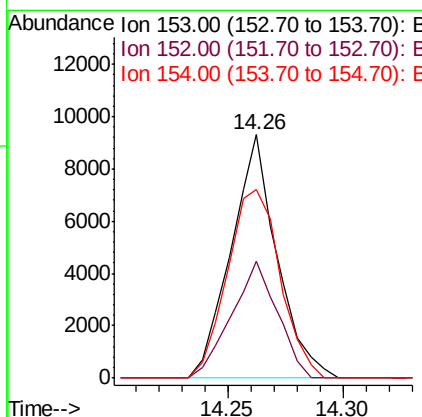
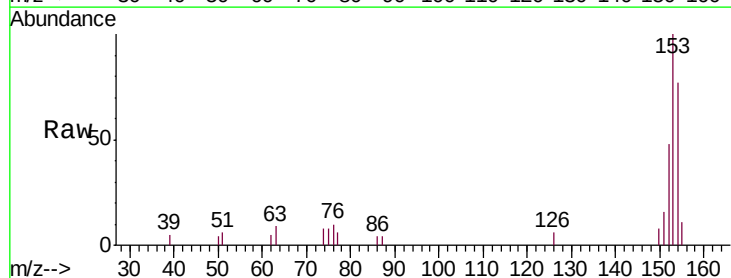
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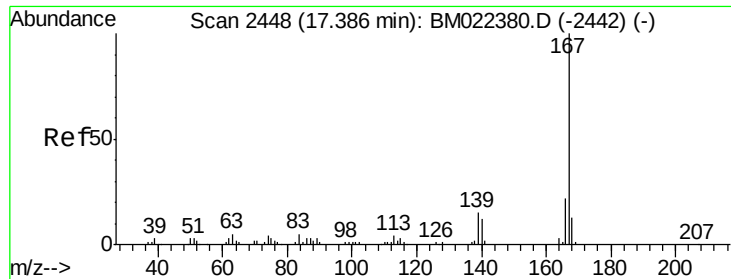
Tgt Ion:142 Resp: 7759
 Ion Ratio Lower Upper
 142 100
 141 96.4 75.1 112.7



#49
 Acenaphthene
 Concen: 2.515 ng/ul
 RT: 14.26 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: BM022387.D
 Acq: 28 Aug 2019 16:35

Tgt Ion:153 Resp: 12889
 Ion Ratio Lower Upper
 153 100
 152 48.0 38.6 58.0
 154 77.2 68.9 103.3





#74

Carbazole

Concen: 1.631 ng/ul

RT: 17.39 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BM022387.D

Acq: 28 Aug 2019 16:35

Instrument :

BNA_M

ClientSampleId :

C0AE2DL2

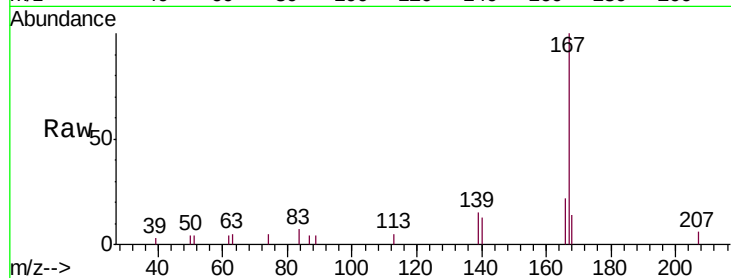
Tgt Ion:167 Resp: 16082

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.8

139 14.7 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

