

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
 Data File : BM027247.D
 Acq On : 26 Aug 2020 14:12
 Operator : JU/CG
 Sample : L3708-05DL2 40X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBFS5DL2

Quant Time: Aug 26 14:46:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 25 15:35:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	141578	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	544303	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.23	164	365370	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.98	188	822781	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	885480	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	793267	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	0d	0.00	ng/uL	
5) Phenol-d5	6.79	99	1429	0.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	4966	0.67	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.14	132	4025	0.46	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.74	128	2660	0.61	ng/ul	0.00
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.00	165	4221	0.41	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.65	166	22771	0.79	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	22928	0.67	ng/ul	-0.01
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.23	176	20309	0.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	19.38	212	36122	0.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	33501	0.76	ng/ul	-0.02

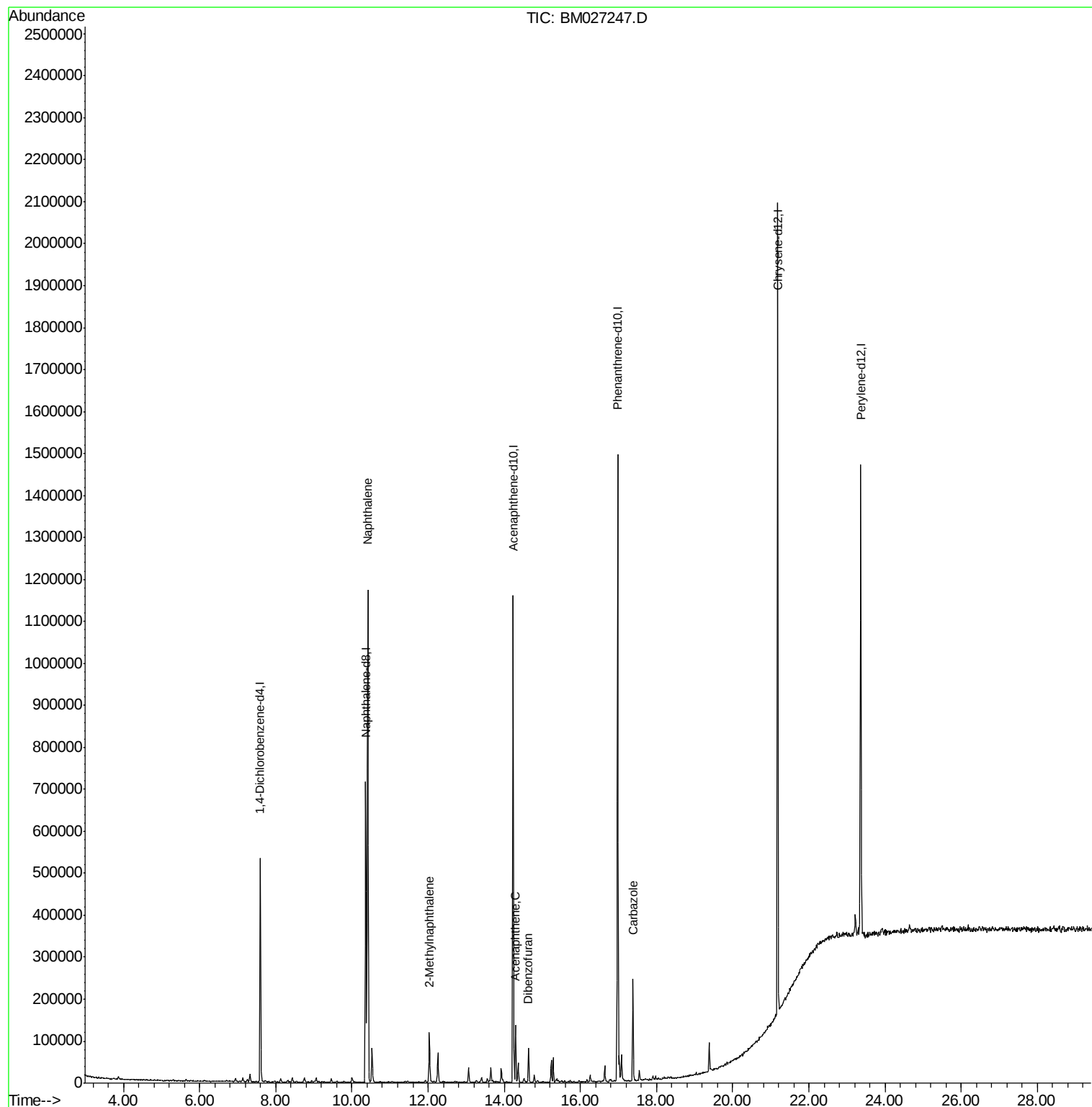
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.42	128	885548	30.549	ng/ul	100
34) 2-Methylnaphthalene	12.03	142	52598	2.389	ng/ul	99
50) Acenaphthene	14.30	153	50946	2.122	ng/ul	96
54) Dibenzofuran	14.63	168	51709	1.500	ng/ul	96
75) Carbazole	17.38	167	141924	3.599	ng/ul	97

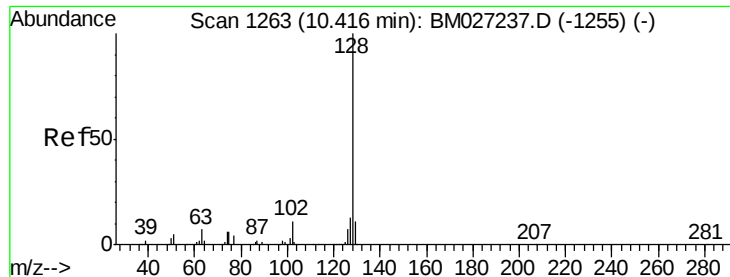
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 30.549 ng/ul

RT: 10.42 min Scan# 1263

Delta R.T. -0.01 min

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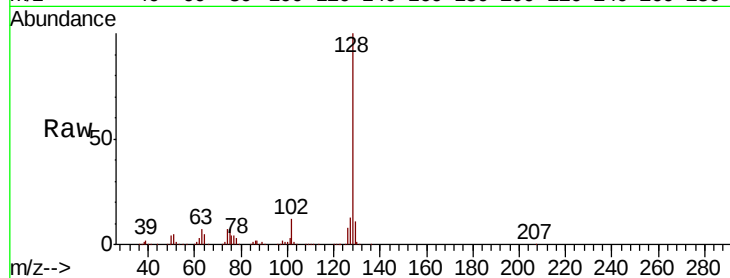
Tot Ion:128 Resp: 885548

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

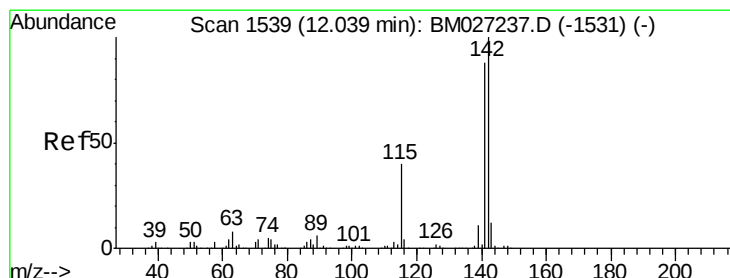
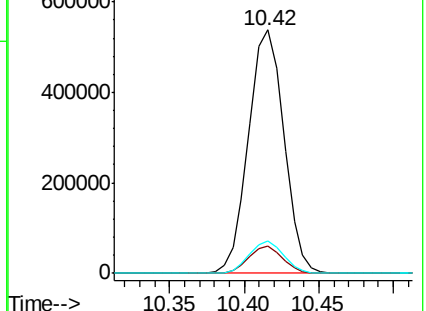
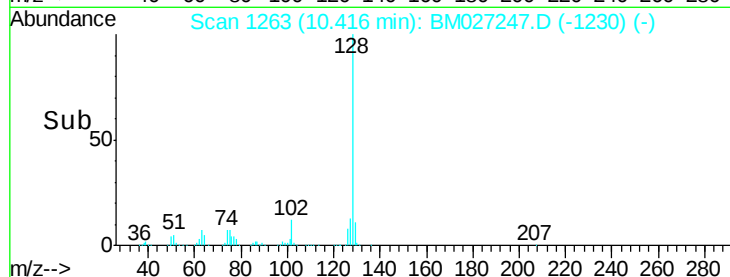
127 13.1 10.4 15.6



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: 2.389 ng/ul

RT: 12.03 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BM027247.D

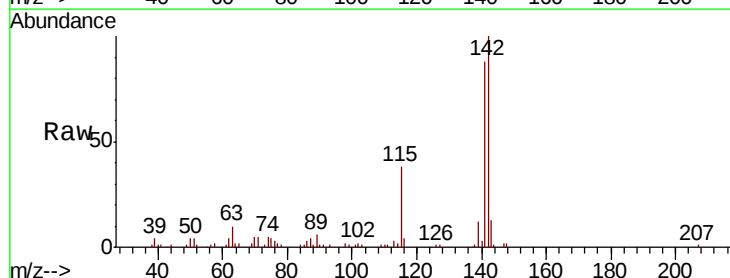
Acq: 26 Aug 2020 14:12

Tgt Ion:142 Resp: 52598

Ion Ratio Lower Upper

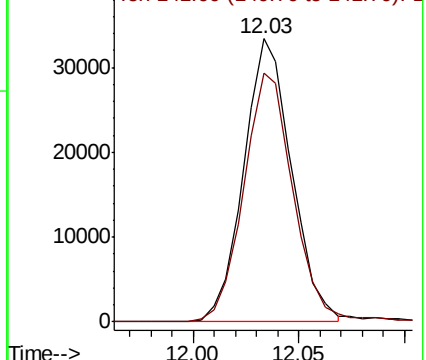
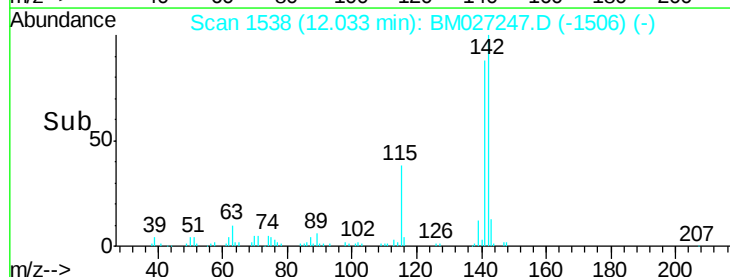
142 100

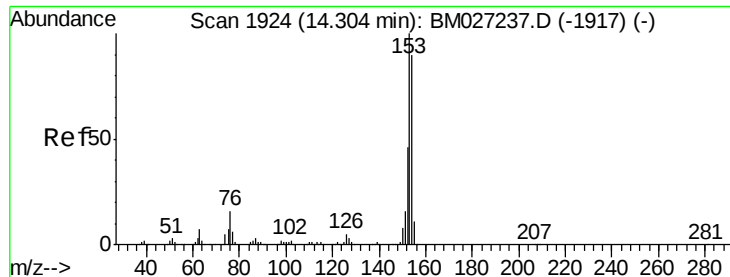
141 87.9 71.1 106.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#50

Acenaphthene

Concen: 2.122 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM027247.D

Acq: 26 Aug 2020 14:12

Instrument :

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ClientSampleId :

DBFS5DL2

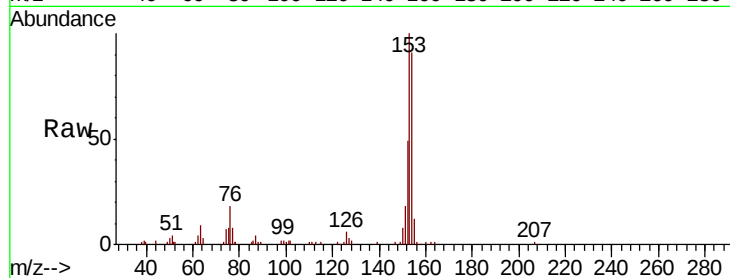
Tot Ion:153 Resp: 50946

Ion Ratio Lower Upper

153 100

152 48.8 37.4 56.2

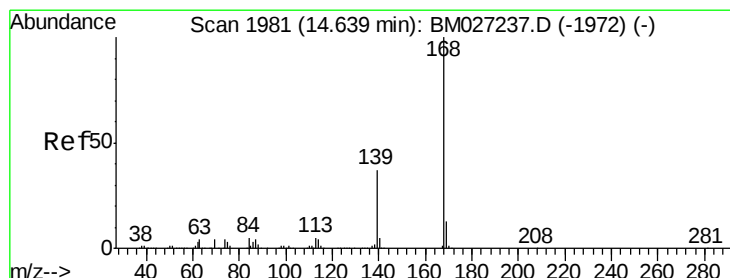
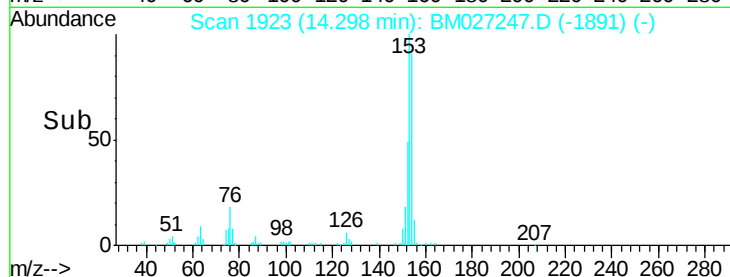
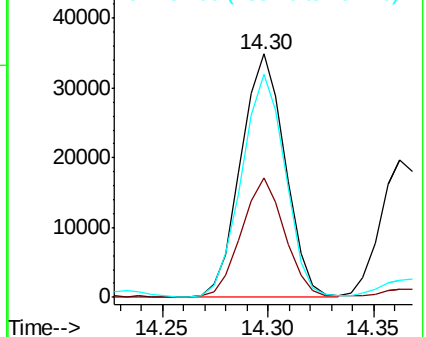
154 91.5 70.2 105.4



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



#54

Dibenzofuran

Concen: 1.500 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM027247.D

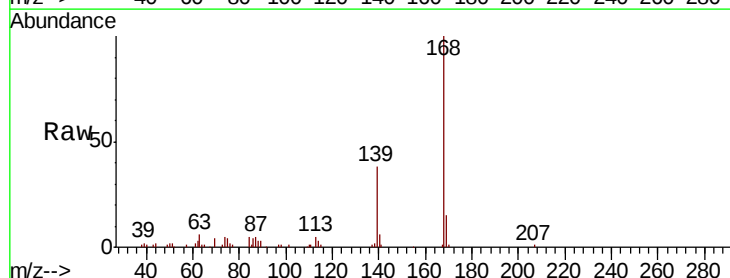
Acq: 26 Aug 2020 14:12

Tgt Ion:168 Resp: 51709

Ion Ratio Lower Upper

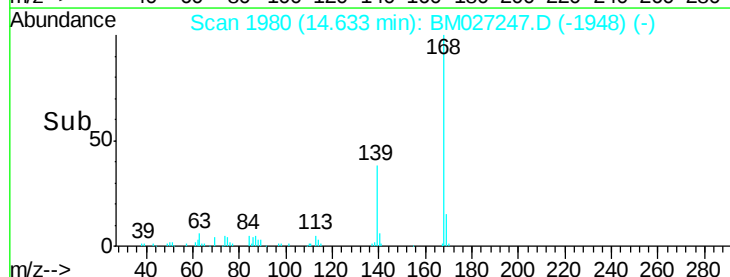
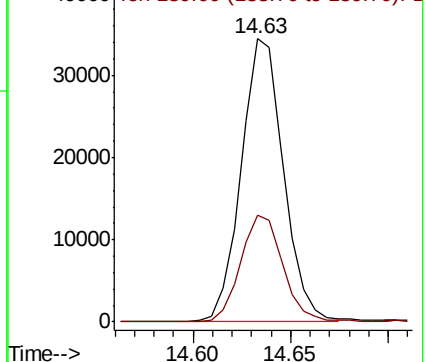
168 100

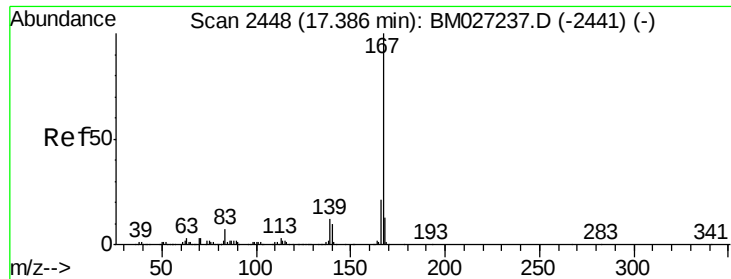
139 37.9 28.4 42.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Carbazole

Concen: 3.599 ng/ul

RT: 17.38 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BM027247.D

Acq: 26 Aug 2020 14:12

Instrument :

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ClientSampleId :

DBFS5DL2

Tot Ion:167 Resp: 141924

Ion Ratio Lower Upper

167 100

166 22.0 16.2 24.4

139 12.5 9.2 13.8

