

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122617\
 Data File : BM013528.D
 Acq On : 26 Dec 2017 11:17
 Operator : SJ/JU
 Sample : PB105321BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK21

Quant Time: Dec 27 02:05:11 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 27 02:01:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	175090	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	732880	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	417924	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	814328	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	668536	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	583743	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	26484	7.49	ng/uL	0.00
5) Phenol-d5	6.85	99	470730	31.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	288075	33.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	386042	32.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	408076	31.53	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	205950	35.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	216819	34.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	405074	31.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	533477	45.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1259584	33.87	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1597256	34.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	115861	17.93	ng/ul	0.00
57) Fluorene-d10	15.31	176	1040494	32.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	102260	19.96	ng/ul	0.00
70) Anthracene-d10	17.16	188	1401094	34.35	ng/ul	0.00
76) Pyrene-d10	19.46	212	1360229	40.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	1019380	34.28	ng/ul	0.00

Target Compounds

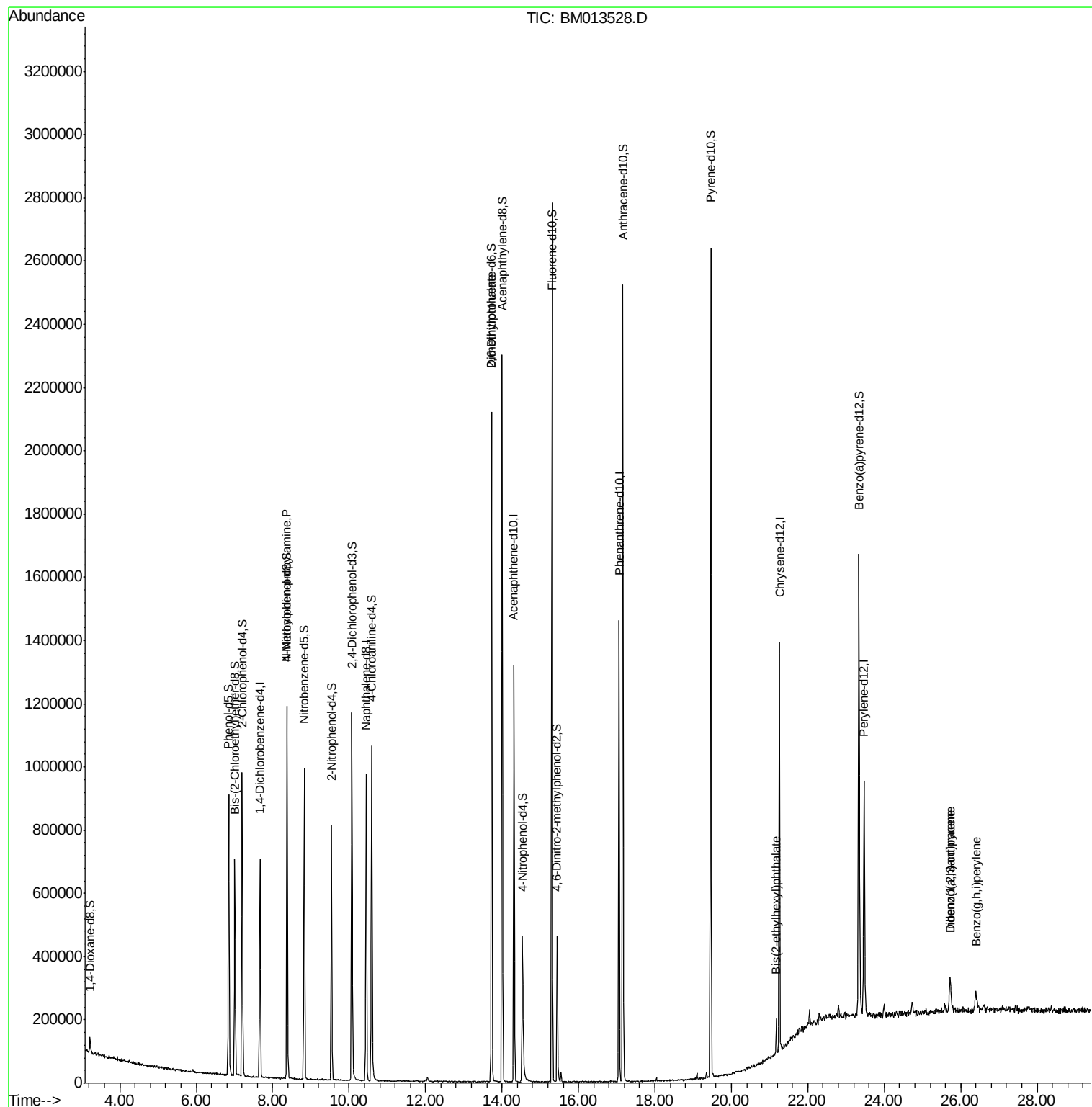
				Ovalue	
15) N-Nitroso-di-n-propylamine	8.37	70	12076	1.218	ng/ul# 1
45) 2,6-Dinitrotoluene	13.73	165	7276	1.003	ng/ul# 32
81) Bis(2-ethylhexyl)phthalate	21.17	149	33313	1.393	ng/ul# 90
89) Indeno(1,2,3-cd)pyrene	25.72	276	72860	2.077	ng/ul# 90
90) Dibenzo(a,h)anthracene	25.73	278	38529	1.290	ng/ul# 95
91) Benzo(a,h,i)perylene	26.40	276	41711	1.508	ng/ul# 92

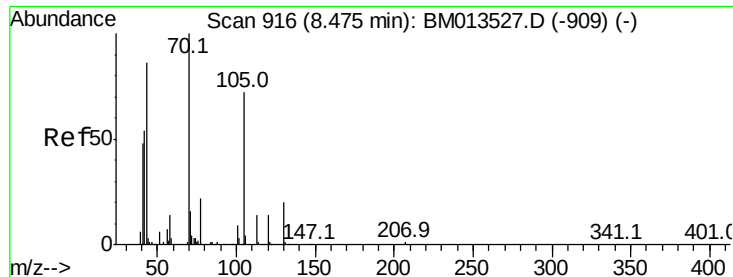
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

N-Nitroso-di-n-propylamine

Concen: 1.218 ng/ul

RT: 8.37 min Scan# 899

Delta R.T. -0.10 min

Lab File: BM013528.D

Acq: 26 Dec 2017 11:17

Instrument :

BNA_M

ClientSampleId :

SBLK21

Tot Ion: 70 Resp: 12076

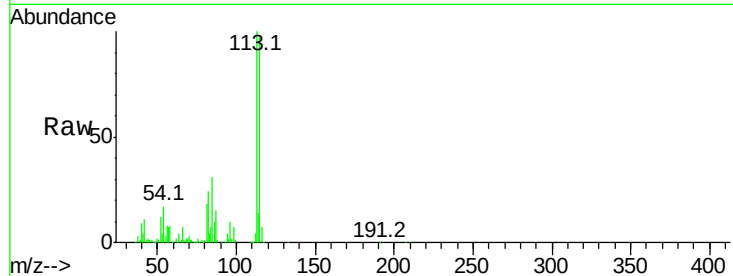
Ion Ratio Lower Upper

70 100

42 328.4 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#

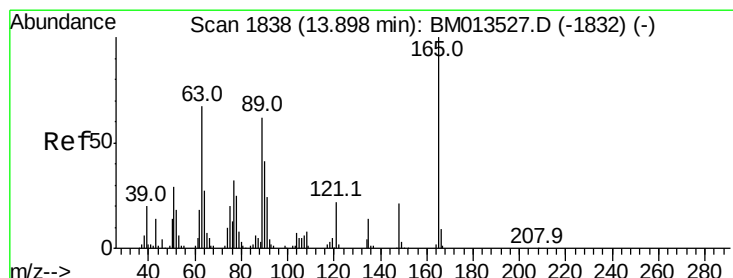
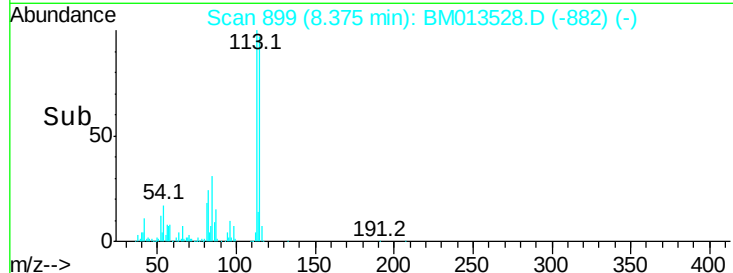
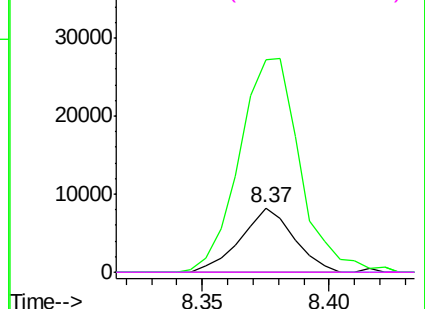


Abundance Ion 70.00 (69.70 to 70.70): BM013527.D (-909) (-)

Ion 42.00 (41.70 to 42.70): BM013527.D (-909) (-)

Ion 101.00 (100.70 to 101.70): BM013527.D (-909) (-)

Ion 130.00 (129.70 to 130.70): BM013527.D (-909) (-)



#45

2,6-Dinitrotoluene

Concen: 1.003 ng/ul

RT: 13.73 min Scan# 1809

Delta R.T. -0.17 min

Lab File: BM013528.D

Acq: 26 Dec 2017 11:17

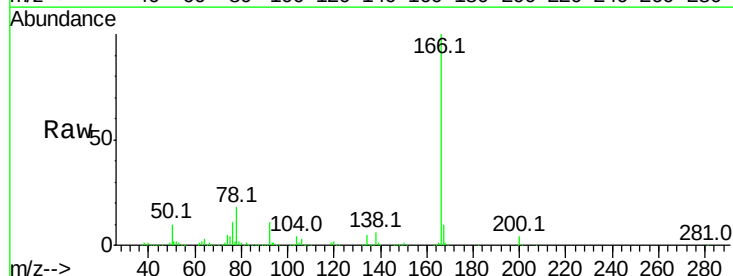
Tgt Ion:165 Resp: 7276

Ion Ratio Lower Upper

165 100

89 7.5 52.6 79.0#

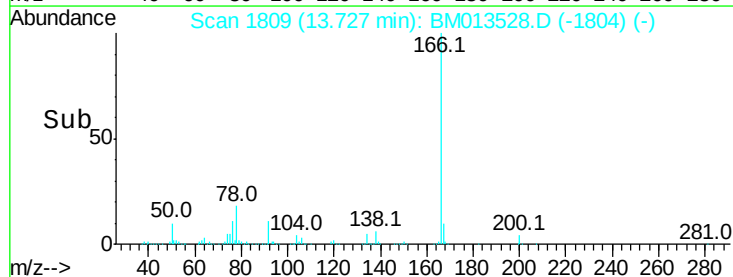
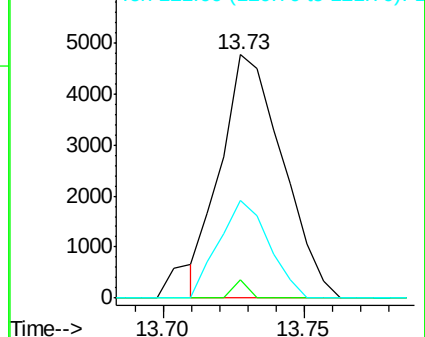
121 40.0 14.6 22.0#

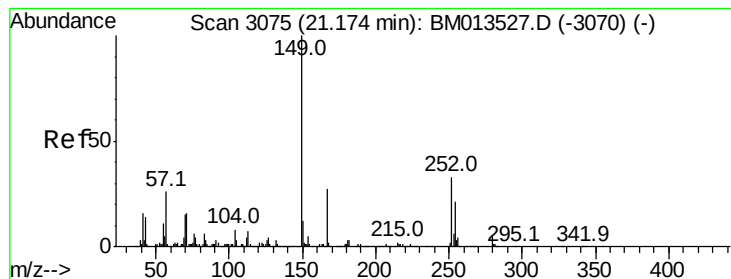


Abundance Ion 165.00 (164.70 to 165.70): BM013527.D (-1832) (-)

Ion 89.00 (88.70 to 89.70): BM013527.D (-1832) (-)

Ion 121.00 (120.70 to 121.70): BM013527.D (-1832) (-)

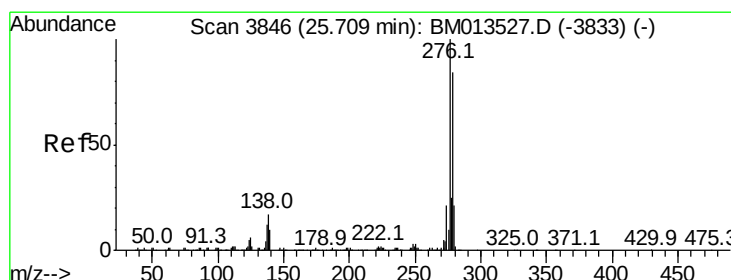
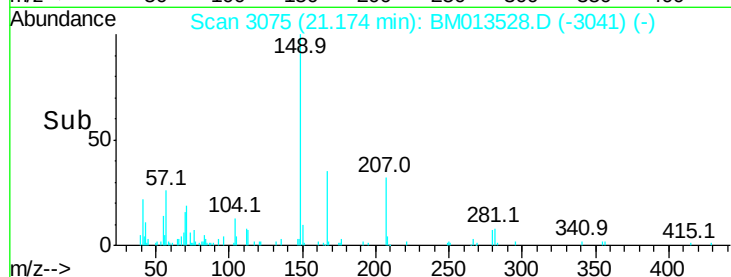
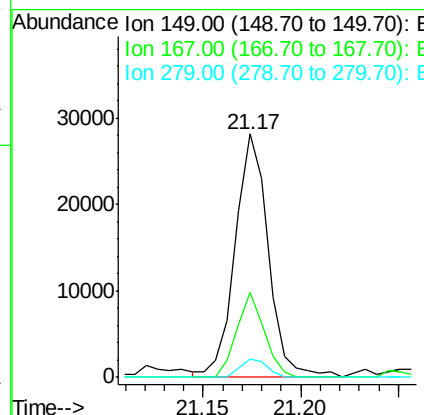
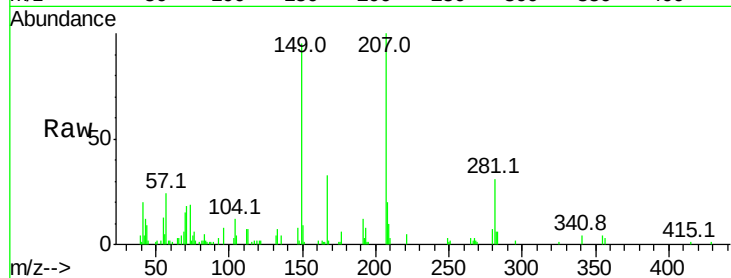




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.393 ng/ul
 RT: 21.17 min Scan# 3075
 Delta R.T. 0.00 min
 Lab File: BM013528.D
 Acq: 26 Dec 2017 11:17

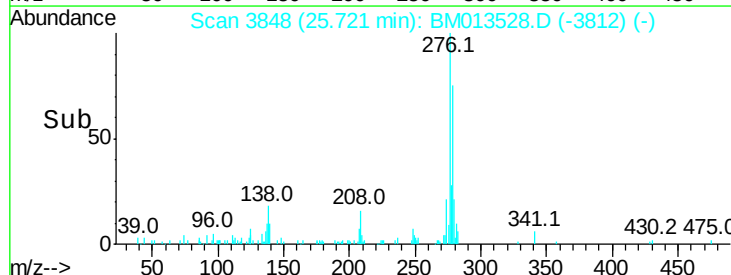
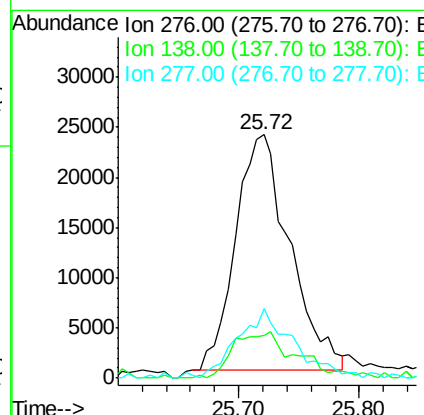
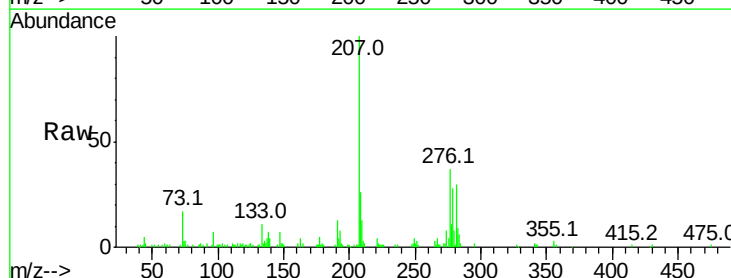
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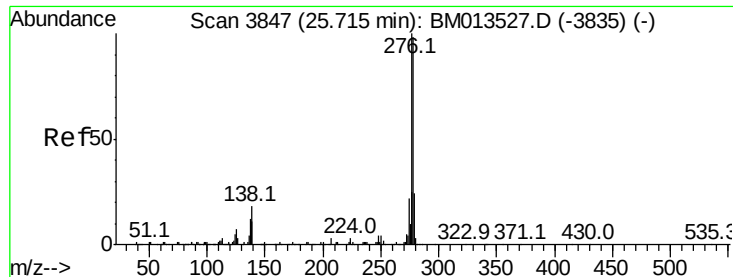
Tot Ion:149 Resp: 33313
 Ion Ratio Lower Upper
 149 100
 167 34.6 22.8 34.2#
 279 7.3 4.9 7.3



#89
 Indeno(1,2,3-cd)pyrene
 Concen: 2.077 ng/ul
 RT: 25.72 min Scan# 3848
 Delta R.T. 0.01 min
 Lab File: BM013528.D
 Acq: 26 Dec 2017 11:17

Tgt Ion:276 Resp: 72860
 Ion Ratio Lower Upper
 276 100
 138 17.8 9.3 13.9#
 277 28.4 19.9 29.9





#90

Dibenzo(a,h)anthracene

Concen: 1.290 ng/ul

RT: 25.73 min Scan# 3849

Delta R.T. 0.01 min

Lab File: BM013528.D

Acq: 26 Dec 2017 11:17

Instrument :

BNA_M

ClientSampled :

SBLK21

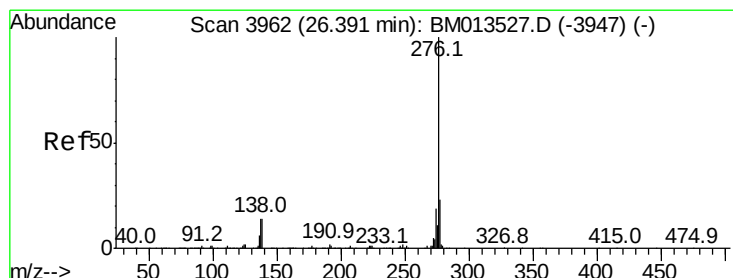
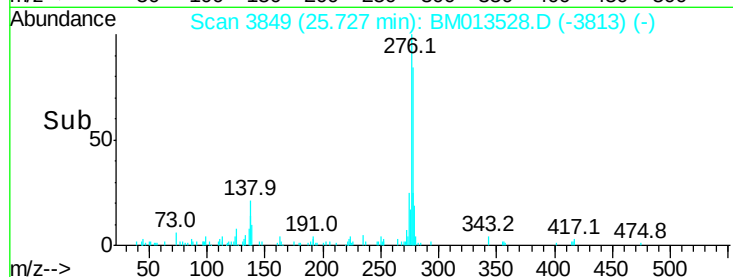
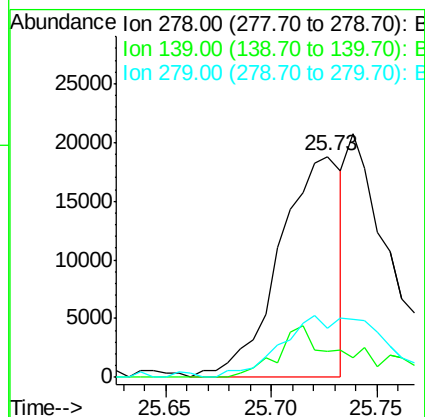
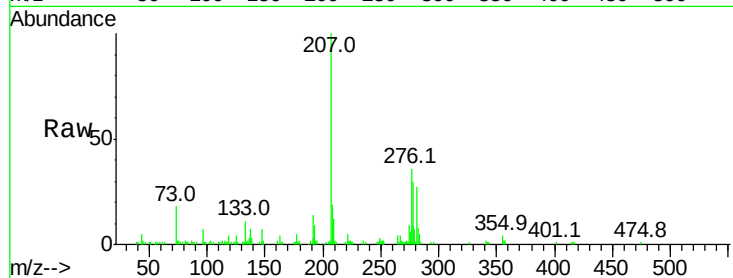
Tot Ion:278 Resp: 38529

Ion Ratio Lower Upper

278 100

139 11.5 5.8 8.8#

279 22.2 18.6 27.8



#91

Benzo(g,h,i)perylene

Concen: 1.508 ng/ul

RT: 26.40 min Scan# 3963

Delta R.T. 0.01 min

Lab File: BM013528.D

Acq: 26 Dec 2017 11:17

Tgt Ion:276 Resp: 41711

Ion Ratio Lower Upper

276 100

138 16.8 8.5 12.7#

277 25.4 18.6 28.0

