

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
 Data File : BM019818.D
 Acq On : 09 Apr 2019 05:57
 Operator : JU/SJ
 Sample : K2254-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 09 11:25:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 09 07:14:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	146606	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	583053	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	313448	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	642697	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	713235	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	821883	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	24586	6.57	ng/uL	0.00
5) Phenol-d5	6.75	99	189066	14.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	126683	14.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	161744	16.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	132949	13.57	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	77700	18.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	84417	18.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	138047	15.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	141475	13.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	462375	18.28	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	547399	17.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	35487	8.95	ng/ul	0.04
58) Fluorene-d10	15.22	176	400622	18.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	7536	1.77	ng/ul	0.02
71) Anthracene-d10	17.08	188	548385	17.78	ng/ul	0.00
79) Pyrene-d10	19.39	212	566291	17.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	669778	15.37	ng/ul	0.01

Target Compounds

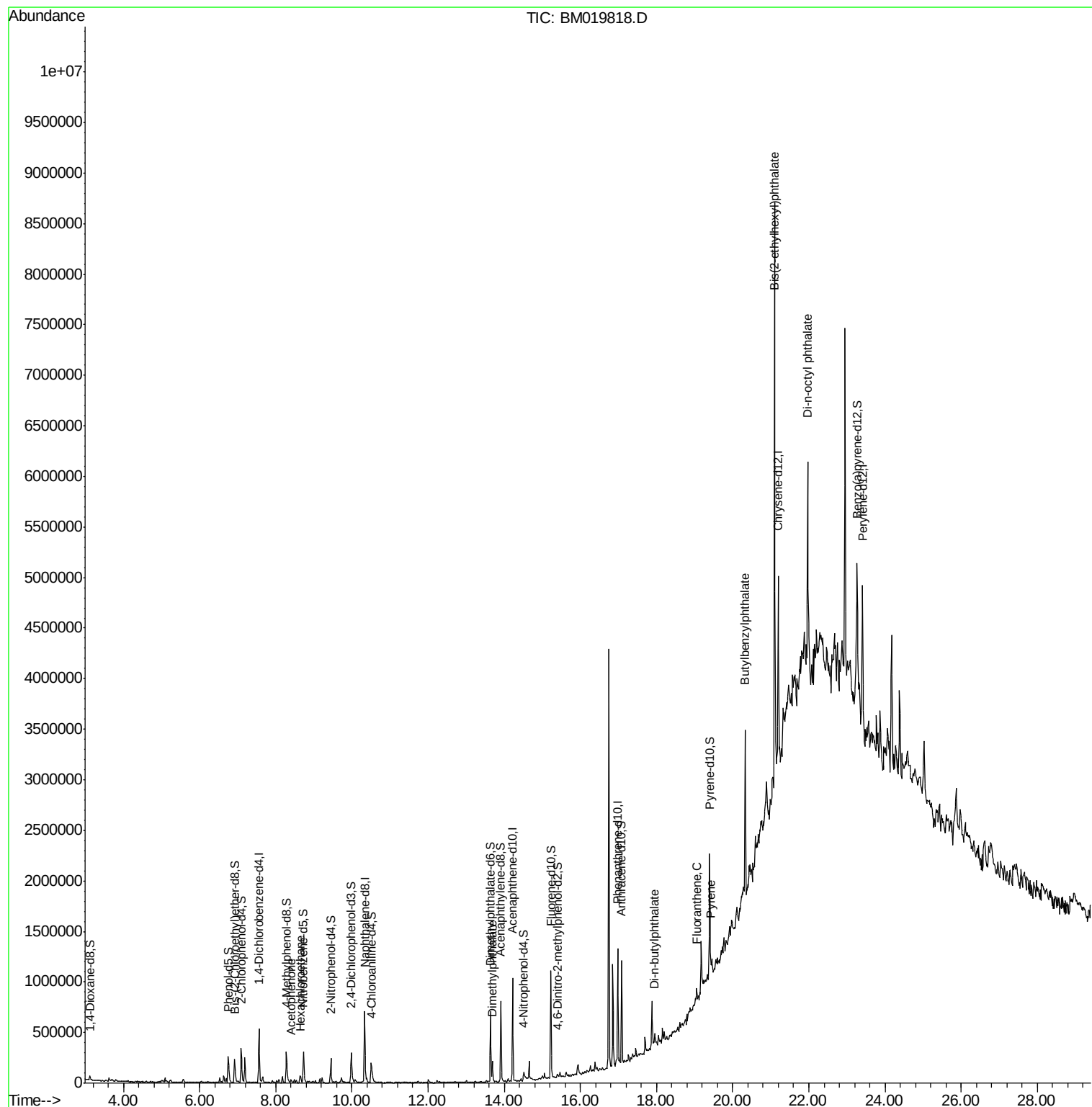
					Ovalue
14) Acetophenone	8.40	105	16697	1.046 ng/ul	97
17) Hexachloroethane	8.64	117	5140	1.216 ng/ul#	1
45) Dimethylphthalate	13.69	163	129234	5.093 ng/ul#	98
76) Di-n-butylphthalate	17.95	149	68392	1.851 ng/ul#	96
77) Fluoranthene	19.06	202	43395	1.039 ng/ul#	80
80) Pyrene	19.42	202	47841	1.115 ng/ul#	82
81) Butylbenzylphthalate	20.33	149	478120	28.142 ng/ul	89
84) Bis(2-ethylhexyl)phthalate	21.10	149	1955712	79.418 ng/ul	97
87) Di-n-octyl phthalate	21.97	149	1357397	26.478 ng/ul	100

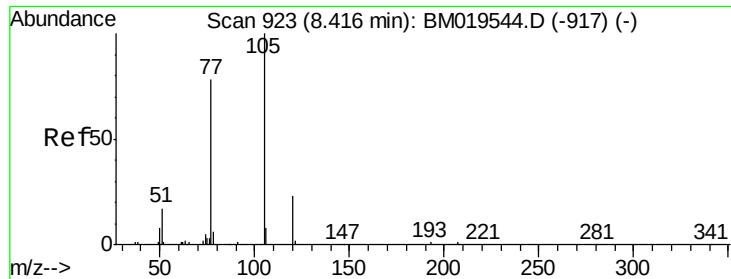
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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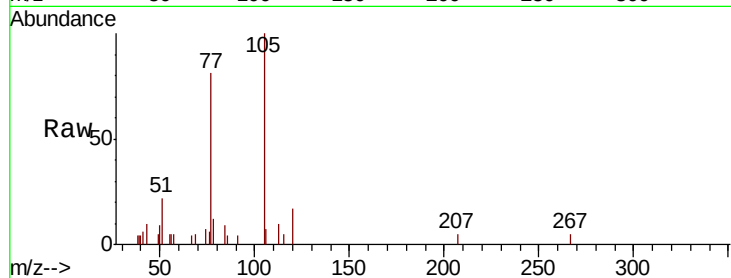




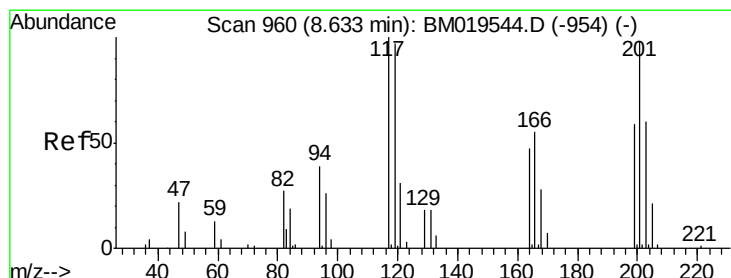
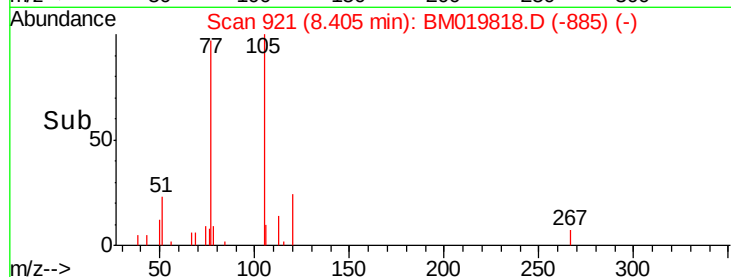
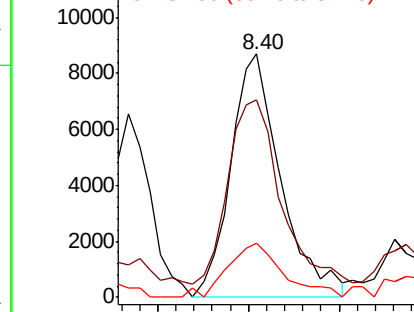
#14
Acetophenone
Concen: 1.046 ng/ul
RT: 8.40 min Scan# 921
Delta R.T. 0.01 min
Lab File: BM019818.D
Acq: 09 Apr 2019 05:57

Instrument :
BNA_M
ClientSampled :

Tot Ion:105 Resp: 16697
Ion Ratio Lower Upper
105 100
77 81.4 63.2 94.8
51 22.3 19.8 29.8

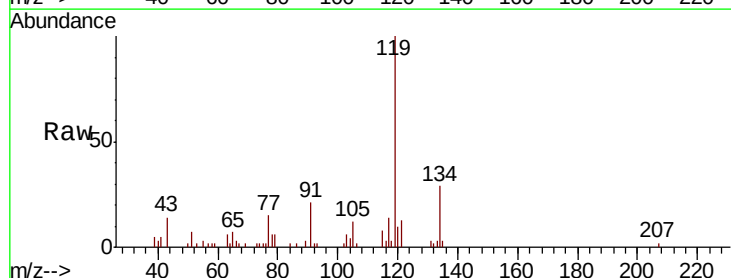


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 51.00 (50.70 to 51.70): BM0

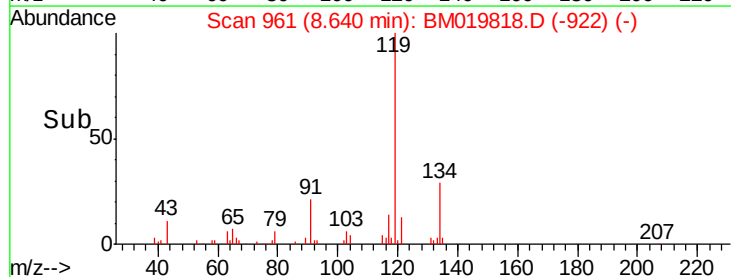
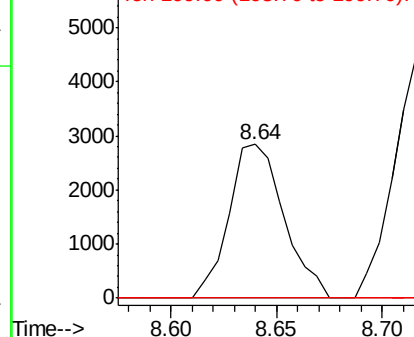


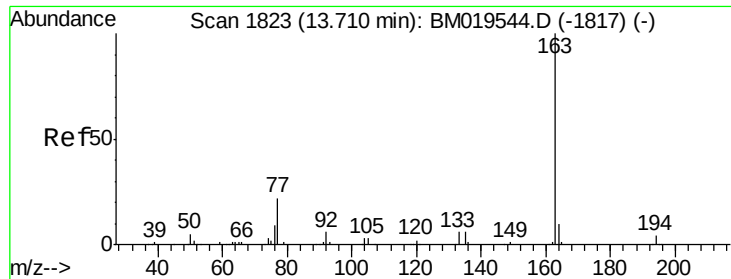
#17
Hexachloroethane
Concen: 1.216 ng/ul
RT: 8.64 min Scan# 961
Delta R.T. 0.03 min
Lab File: BM019818.D
Acq: 09 Apr 2019 05:57

Tgt Ion:117 Resp: 5140
Ion Ratio Lower Upper
117 100
201 0.0 96.1 144.1#
199 0.0 59.7 89.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E





#45

Dimethylphthalate

Concen: 5.093 ng/ul

RT: 13.69 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BM019818.D

Acq: 09 Apr 2019 05:57

Instrument :

BNA_M

ClientSampleId :

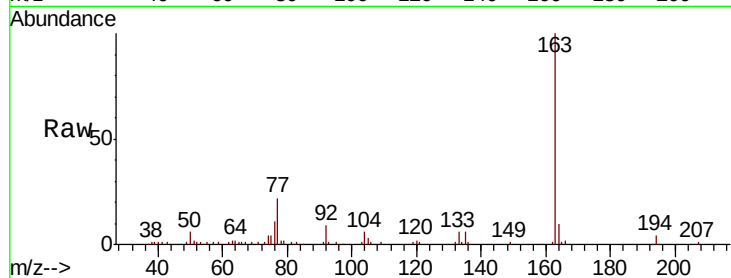
Tot Ion:163 Resp: 129234

Ion Ratio Lower Upper

163 100

194 3.9 4.0 6.0#

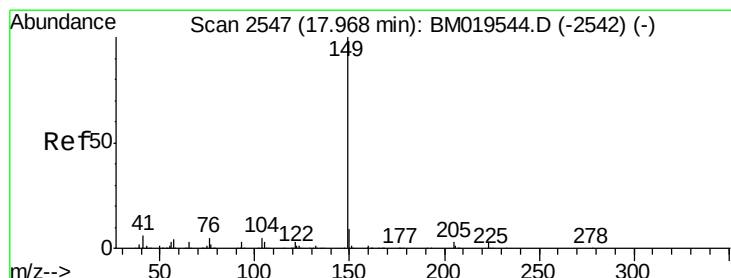
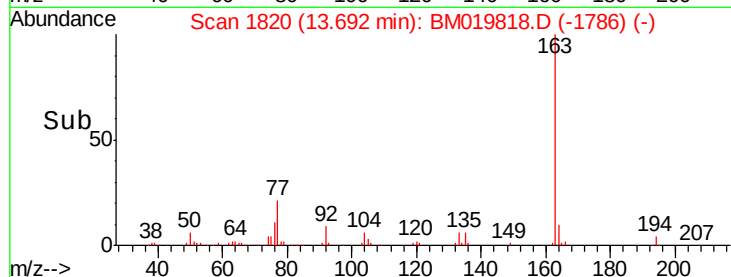
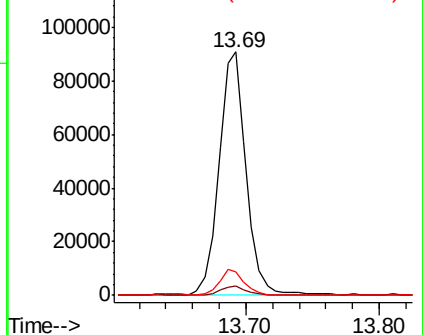
164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#76

Di-n-butylphthalate

Concen: 1.851 ng/ul

RT: 17.95 min Scan# 2544

Delta R.T. -0.01 min

Lab File: BM019818.D

Acq: 09 Apr 2019 05:57

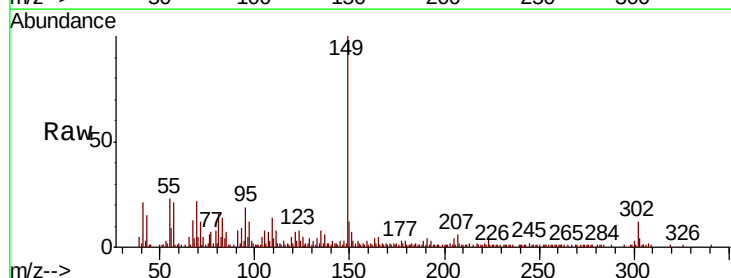
Tgt Ion:149 Resp: 68392

Ion Ratio Lower Upper

149 100

150 11.6 7.5 11.3#

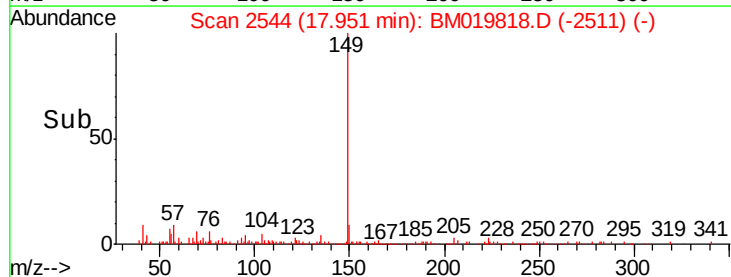
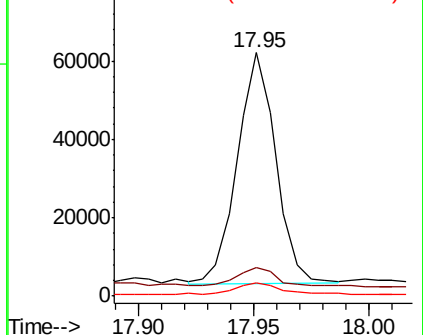
104 5.3 4.1 6.1

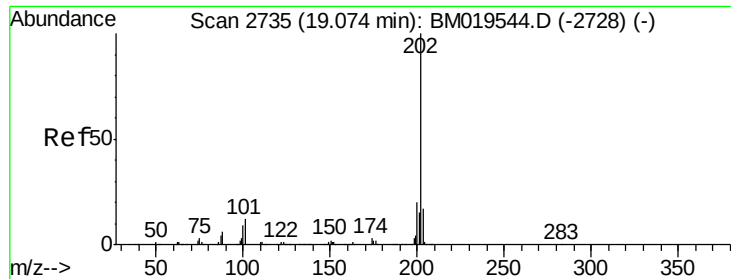


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

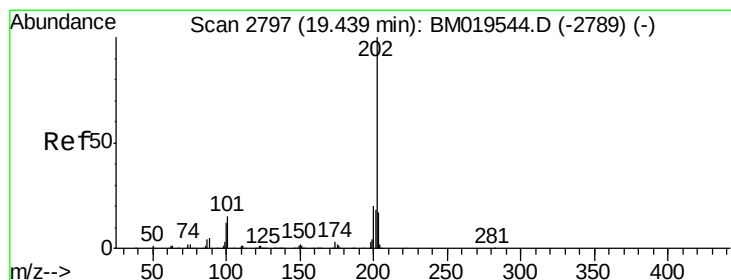
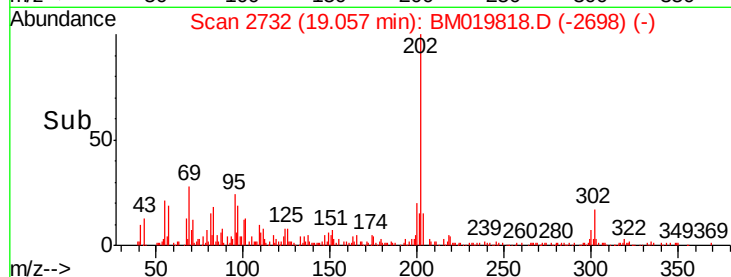
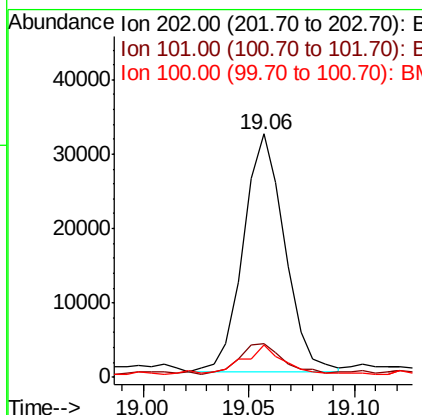
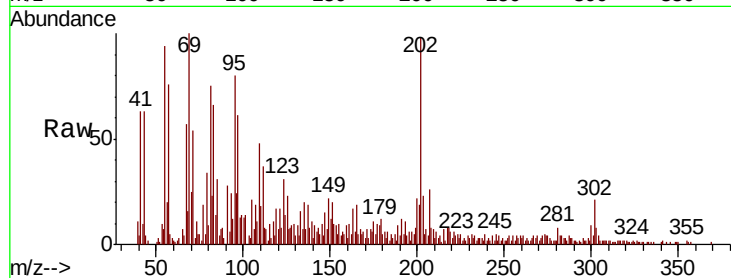




#77
Fluoranthene
Concen: 1.039 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. 0.00 min
Lab File: BM019818.D
Acq: 09 Apr 2019 05:57

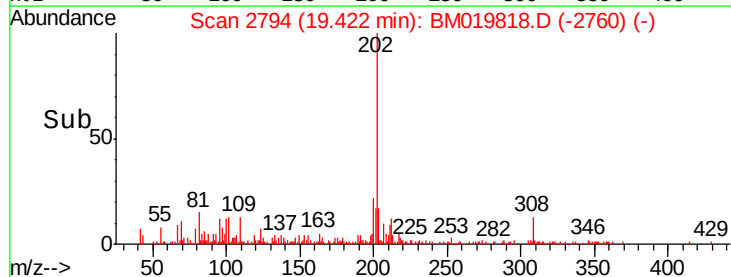
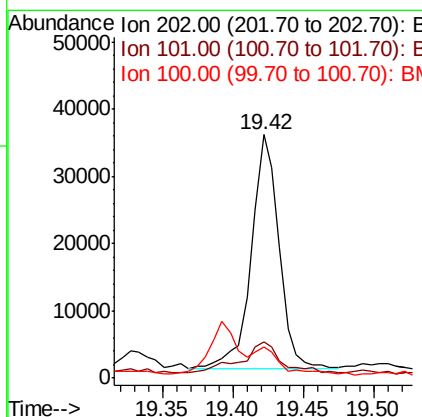
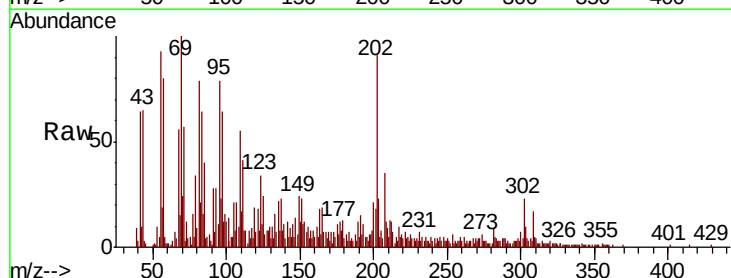
Instrument :
BNA_M
ClientSampled :

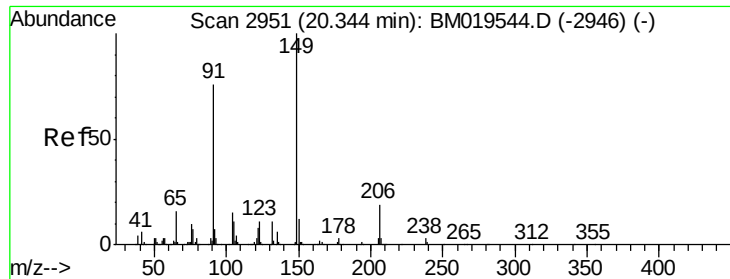
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	6.1	9.1#
100	13.1	4.6	7.0#



#80
Pyrene
Concen: 1.115 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. 0.00 min
Lab File: BM019818.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.1	6.9	10.3#
100	12.8	5.6	8.4#

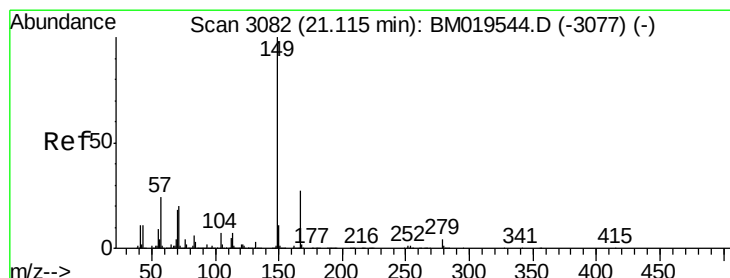
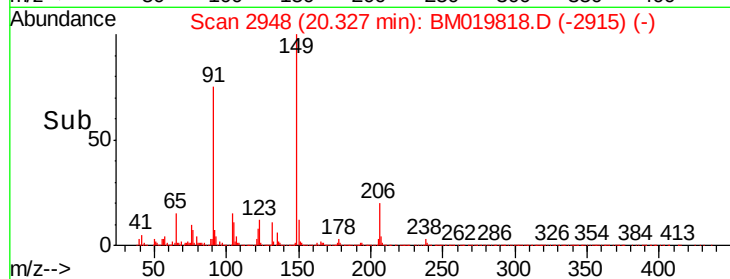
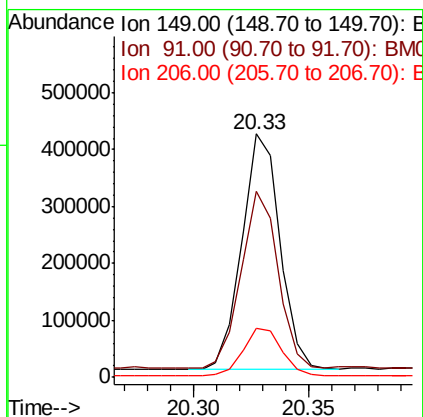
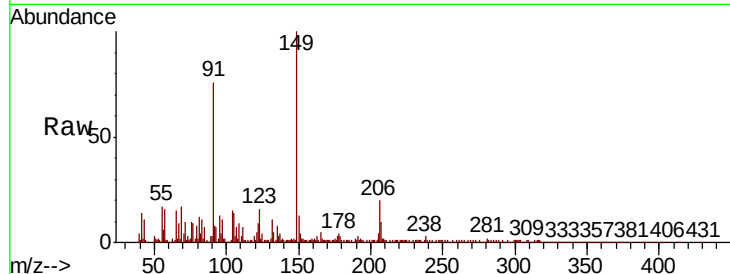




#81
 Butylbenzylphthalate
 Concen: 28.142 ng/ul
 RT: 20.33 min Scan# 2948
 Delta R.T. -0.01 min
 Lab File: BM019818.D
 Acq: 09 Apr 2019 05:57

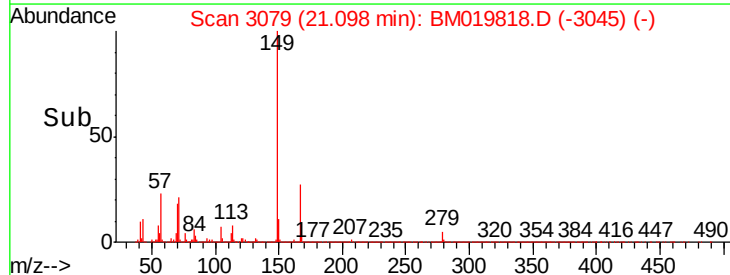
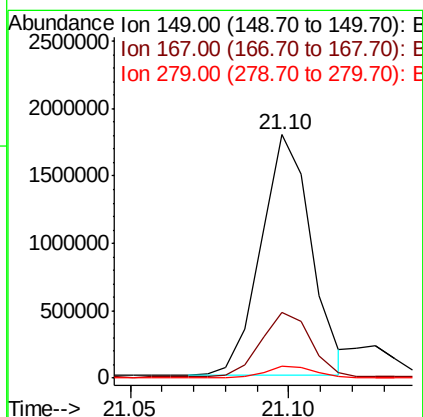
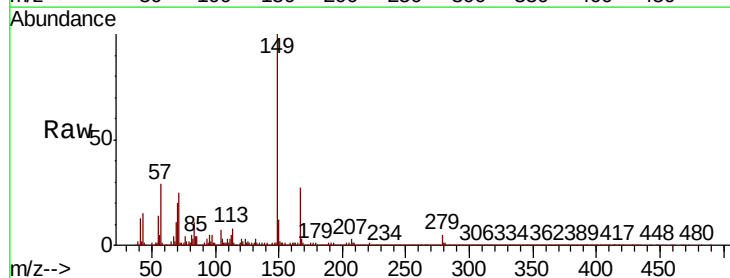
Instrument :
 BNA_M
 ClientSampled :

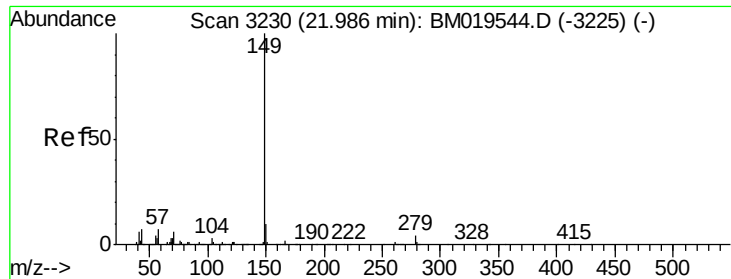
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.4	53.4	80.0
206	20.1	19.3	28.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 79.418 ng/ul
 RT: 21.10 min Scan# 3079
 Delta R.T. 0.00 min
 Lab File: BM019818.D
 Acq: 09 Apr 2019 05:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	23.0	34.6
279	4.9	4.3	6.5





#87
 Di-n-octyl phthalate
 Concen: 26.478 ng/ul
 RT: 21.97 min Scan# 3227
 Delta R.T. 0.00 min
 Lab File: BM019818.D
 Acq: 09 Apr 2019 05:57

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:149 Resp: 1357397

