

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
 Data File : BM019494.D
 Acq On : 27 Mar 2019 05:40
 Operator : JU/SJ
 Sample : K2044-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5T3

Manual Integrations
 APPROVED

Sohil
 3/27/2019 5:46:42 PM

Quant Time: Mar 27 06:37:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 27 03:30:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	192776	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	743001	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	368792	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	719682	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	748752	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	872259	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	24415	4.96	ng/uL	0.00
5) Phenol-d5	6.79	99	196163	11.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	130058	11.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	162411	12.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	151581	11.76	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	72246	13.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	80292	13.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	135792	12.20	ng/ul	0.01
29) 4-Chloroaniline-d4	10.55	131	132387	9.90	ng/ul	0.01
44) Dimethylphthalate-d6	13.68	166	430401	14.46	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	513478	13.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	6983m	1.50	ng/ul	0.06
58) Fluorene-d10	15.26	176	359798	14.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	3686	0.77	ng/ul	0.01
71) Anthracene-d10	17.12	188	505330	14.63	ng/ul	0.00
79) Pyrene-d10	19.42	212	497564	14.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	587144	12.70	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.81	94	110257	6.155	ng/ul	98
45) Dimethylphthalate	13.73	163	178344	5.973	ng/ul	99
70) Phenanthrene	17.06	178	53685	1.316	ng/ul	97
76) Di-n-butylphthalate	17.99	149	174667	4.221	ng/ul	99
77) Fluoranthene	19.09	202	133264	2.850	ng/ul#	89
80) Pyrene	19.45	202	142544	3.164	ng/ul#	84
81) Butylbenzylphthalate	20.36	149	1237862	69.404	ng/ul	96
83) Benzo(a)anthracene	21.21	228	85429	1.896	ng/ul#	92
84) Bis(2-ethylhexyl)phthalate	21.13	149	4115433	159.192	ng/ul	99
85) Chrysene	21.26	228	96761	2.238	ng/ul#	92
88) Benzo(b)fluoranthene	22.77	252	152194	2.864	ng/ul#	73
91) Benzo(a)pyrene	23.34	252	94049	1.852	ng/ul#	67
92) Indeno(1,2,3-cd)pyrene	25.67	276	77954	1.226	ng/ul#	76
94) Benzo(g,h,i)perylene	26.36	276	76372	1.437	ng/ul#	73

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

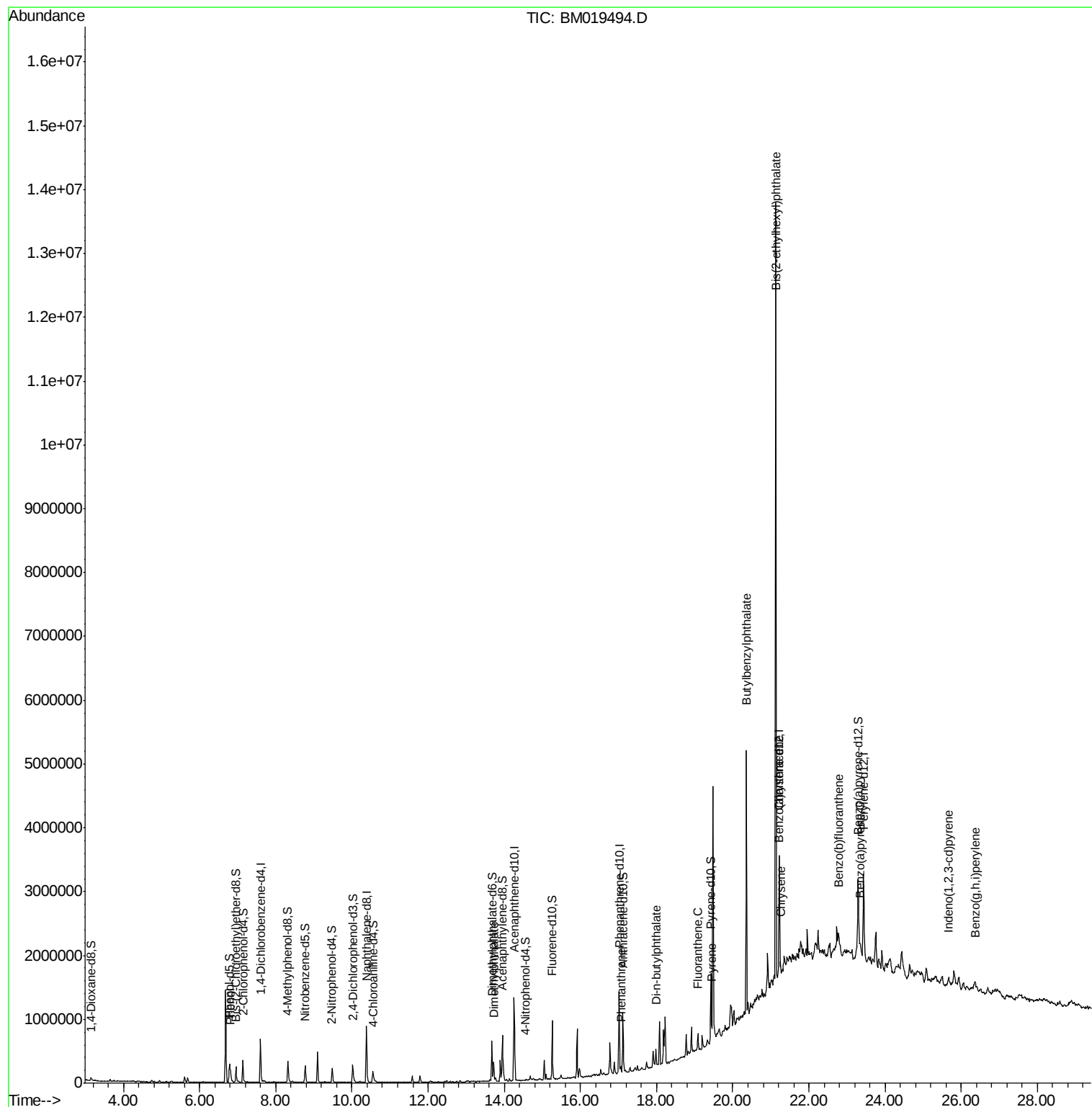
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019494.D
Acq On : 27 Mar 2019 05:40
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Misc :
ALS Vial : 25 Sample Multiplier: 1

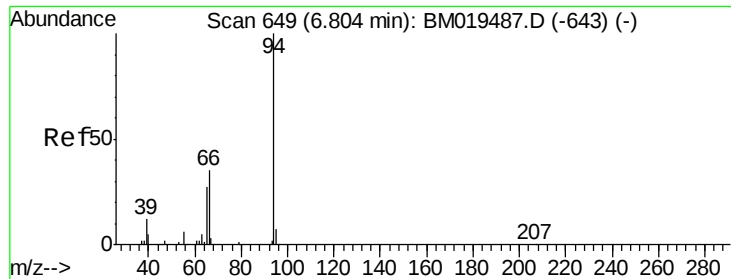
Instrument :
BNA_M
ClientSampleId :
BF5T3

Quant Time: Mar 27 06:37:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 27 03:30:35 2019
Response via : Initial Calibration

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#6

Phenol

Concen: 6.155 ng/ul

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM019494.D

Acq: 27 Mar 2019 05:40

Instrument :

BNA_M

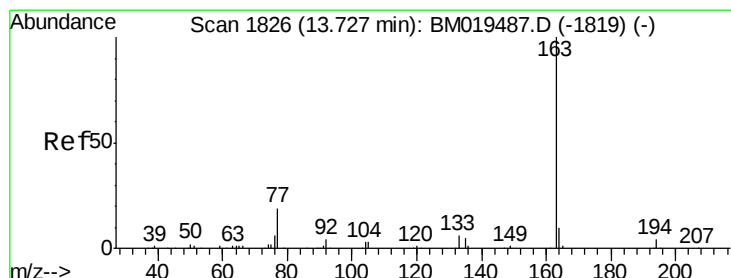
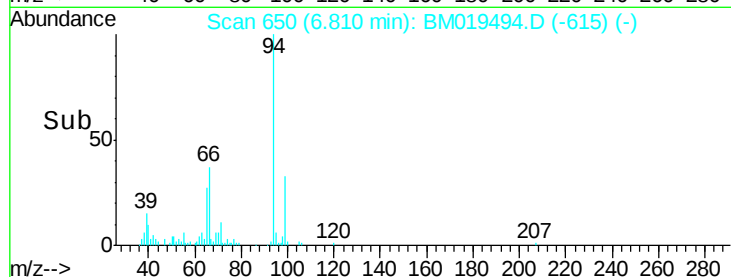
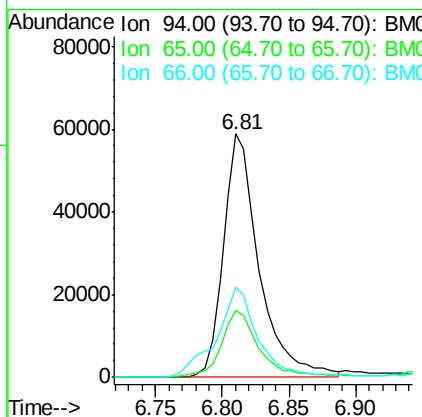
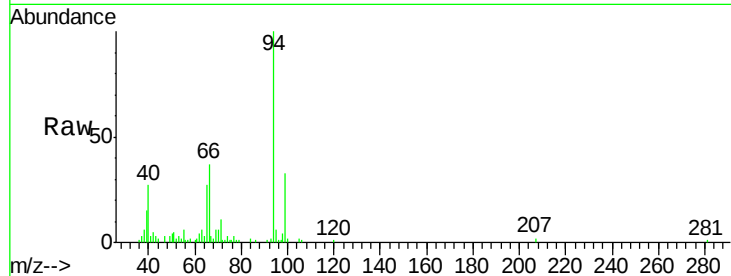
ClientSampled :

BF5T3

Tgt Ion:	94	Resp:	110257
Ion	Ratio	Lower	Upper
94	100		
65	27.4	23.0	34.6
66	36.9	30.4	45.6

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#45

Dimethylphthalate

Concen: 5.973 ng/ul

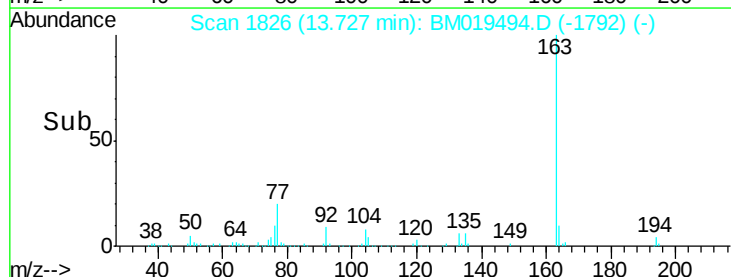
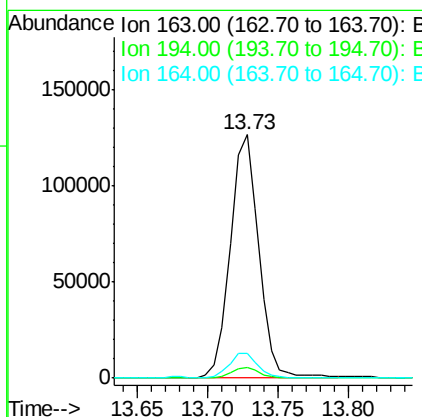
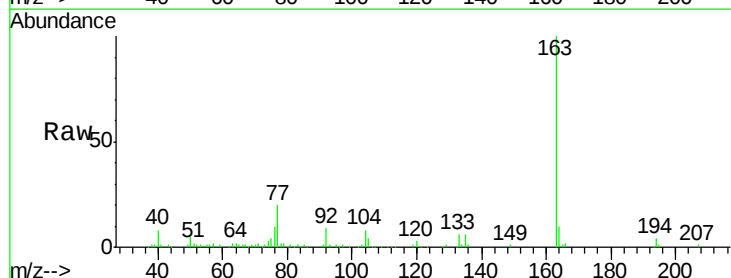
RT: 13.73 min Scan# 1826

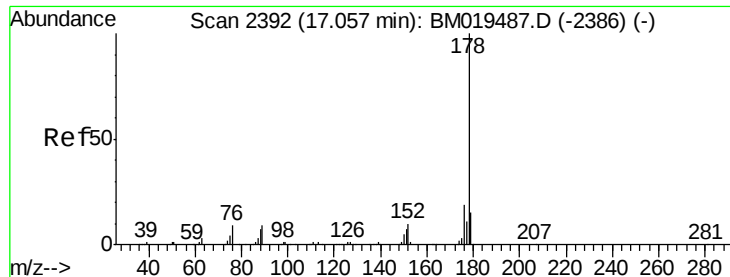
Delta R.T. 0.00 min

Lab File: BM019494.D

Acq: 27 Mar 2019 05:40

Tgt Ion:	163	Resp:	178344
Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.0	6.0
164	10.3	8.4	12.6





#70

Phenanthrene

Concen: 1.316 ng/ul

RT: 17.06 min Scan# 2393

Delta R.T. 0.01 min

Lab File: BM019494.D

Acq: 27 Mar 2019 05:40

Instrument :

BNA_M

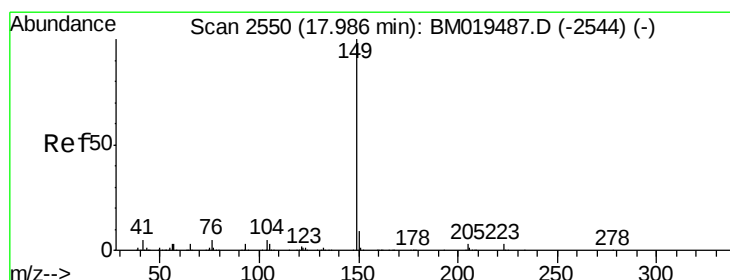
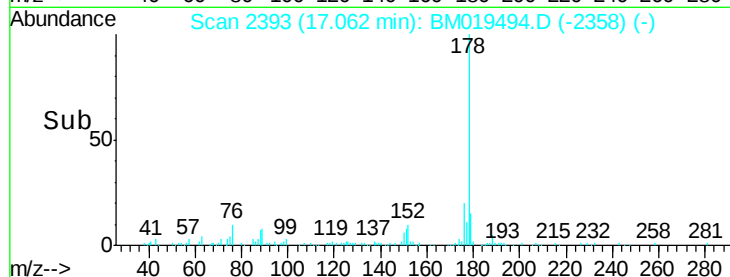
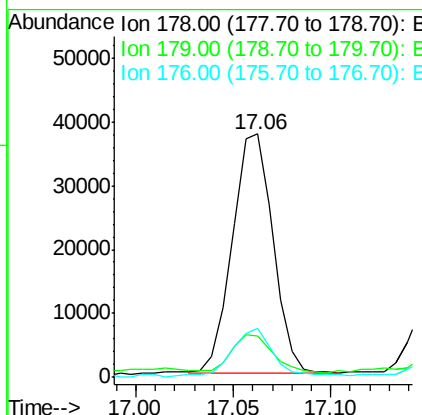
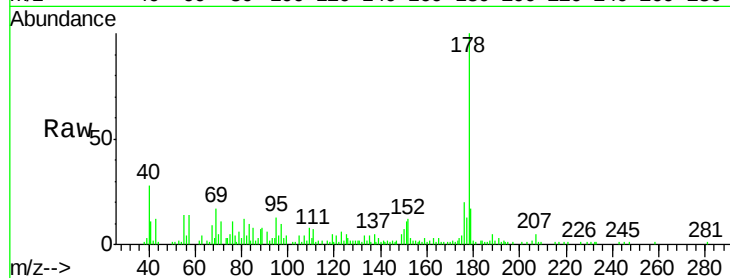
ClientSampled :

BF5T3

Tgt Ion:	178	Resp:	53685
Ion Ratio	Lower	Upper	
178	100		
179	17.2	12.3	18.5
176	20.1	15.4	23.0

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#76

Di-n-butylphthalate

Concen: 4.221 ng/ul

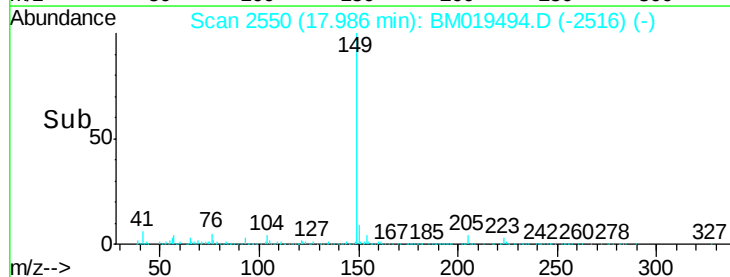
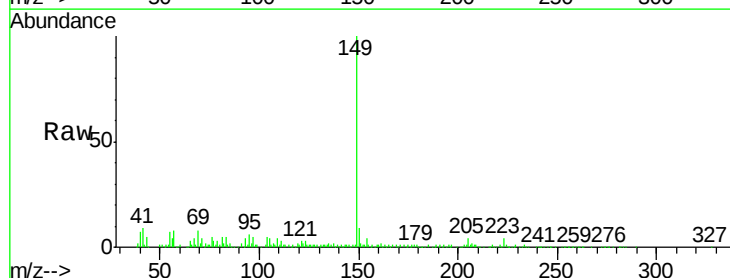
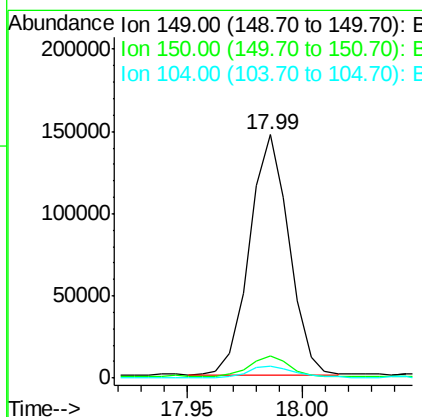
RT: 17.99 min Scan# 2550

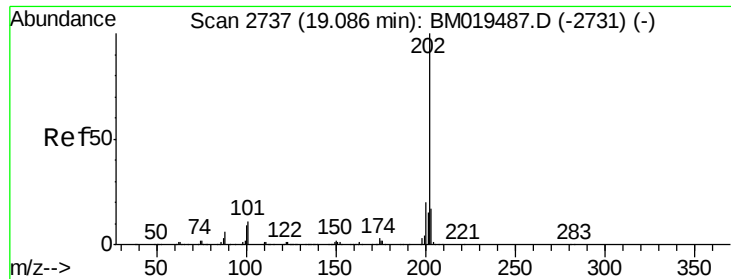
Delta R.T. 0.00 min

Lab File: BM019494.D

Acq: 27 Mar 2019 05:40

Tgt Ion:	149	Resp:	174667
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.5	11.3
104	5.2	4.1	6.1





#77

Fluoranthene

Concen: 2.850 ng/ul

RT: 19.09 min Scan# 2737

Delta R.T. 0.00 min

Lab File: BM019494.D

Acq: 27 Mar 2019 05:40

Instrument :

BNA_M

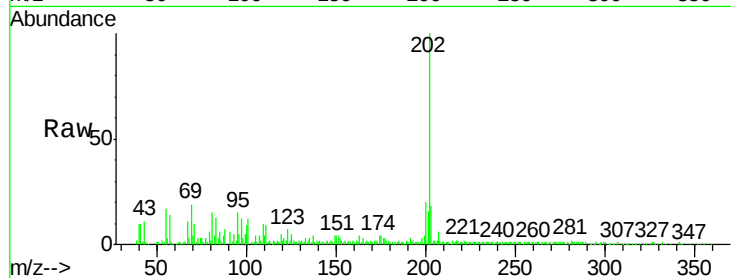
ClientSampleId :

BF5T3

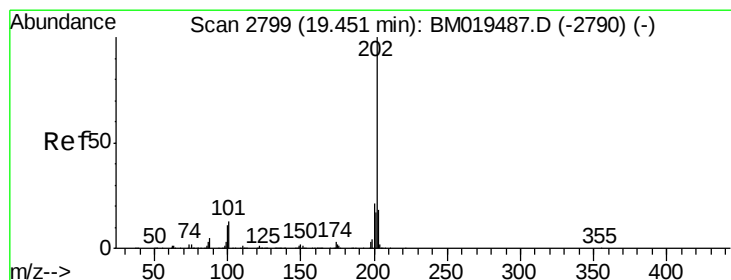
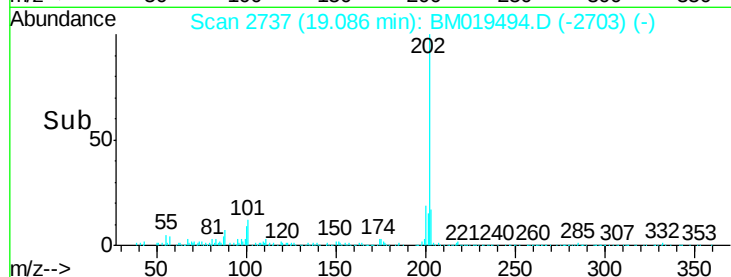
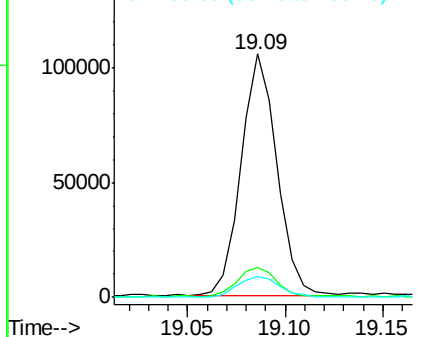
Tgt	Ion	202	Resp:	133264
Ion	Ratio	Lower	Upper	
202	100			
101	12.3	6.1	9.1#	
100	8.7	4.6	7.0#	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 3.164 ng/ul

RT: 19.45 min Scan# 2799

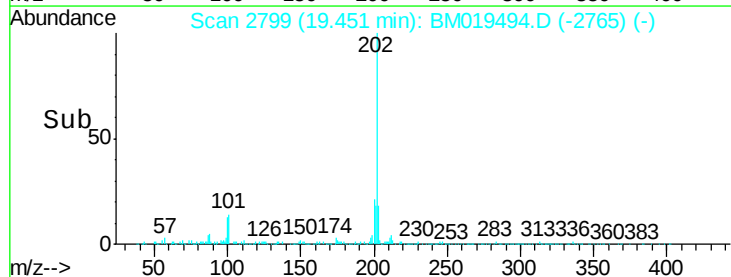
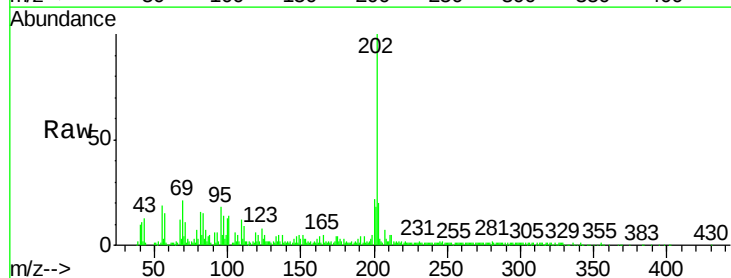
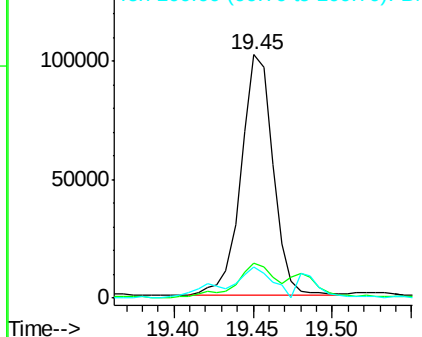
Delta R.T. 0.00 min

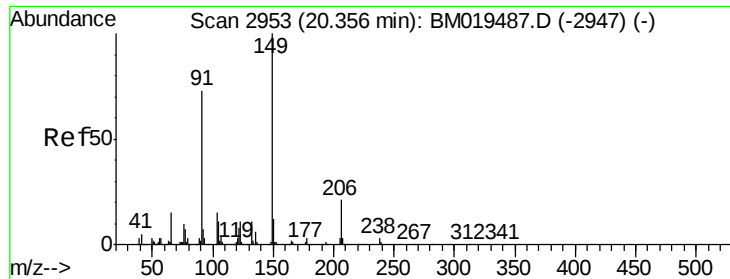
Lab File: BM019494.D

Acq: 27 Mar 2019 05:40

Tgt	Ion	202	Resp:	142544
Ion	Ratio	Lower	Upper	
202	100			
101	14.2	6.9	10.3#	
100	13.0	5.6	8.4#	

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





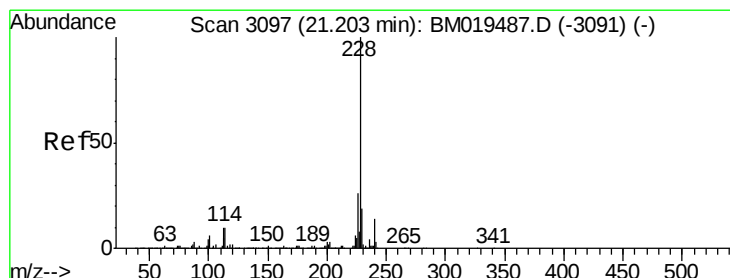
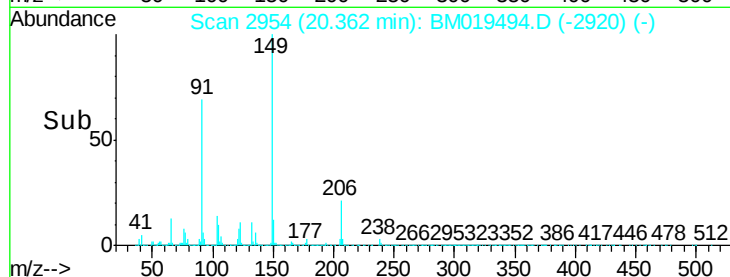
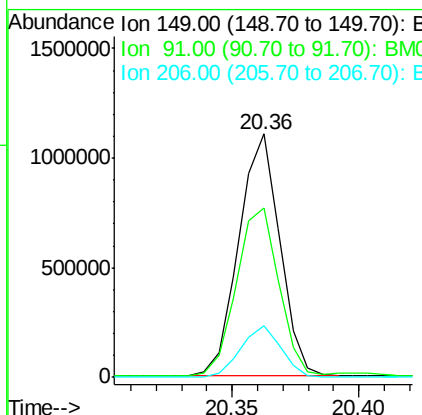
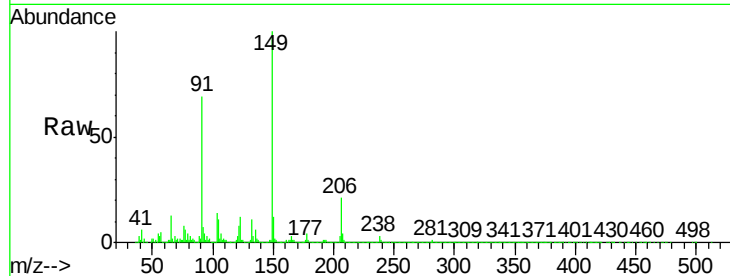
#81
Butylbenzylphthalate
Concen: 69.404 ng/ul
RT: 20.36 min Scan# 2954
Delta R.T. 0.00 min
Lab File: BM019494.D
Acq: 27 Mar 2019 05:40

Instrument :
BNA_M
ClientSampled :
BF5T3

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.4	53.4	80.0
206	21.2	19.3	28.9

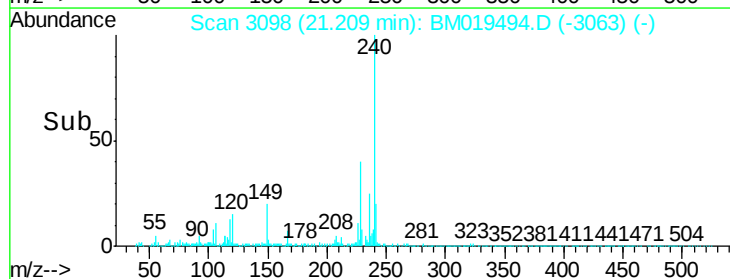
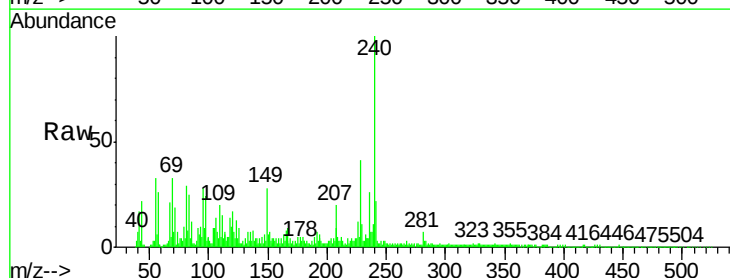
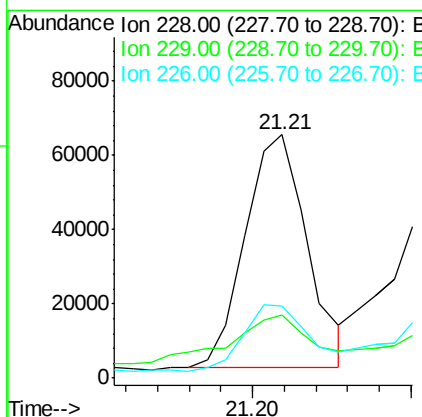
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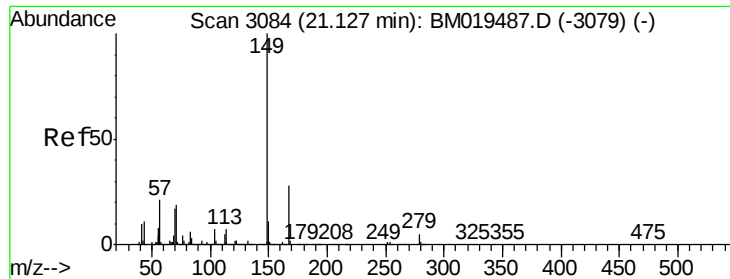
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#83
Benzo(a)anthracene
Concen: 1.896 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BM019494.D
Acq: 27 Mar 2019 05:40

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.7	16.0	24.0#
226	29.6	21.8	32.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 159.192 ng/ul

RT: 21.13 min Scan# 3085

Delta R.T. 0.01 min

Lab File: BM019494.D

Acq: 27 Mar 2019 05:40

Instrument :

BNA_M

ClientSampled :

BF5T3

Tgt Ion:149 Resp: 4115433

Ion Ratio Lower Upper

149 100

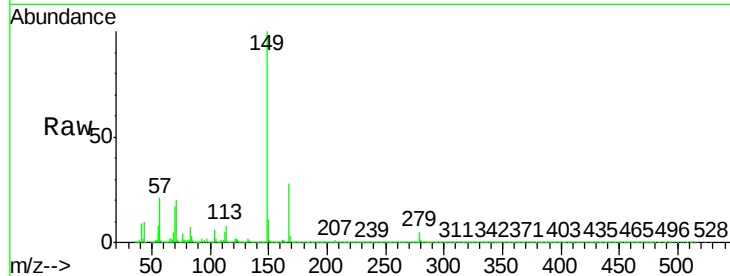
167 28.4 23.0 34.6

279 5.3 4.3 6.5

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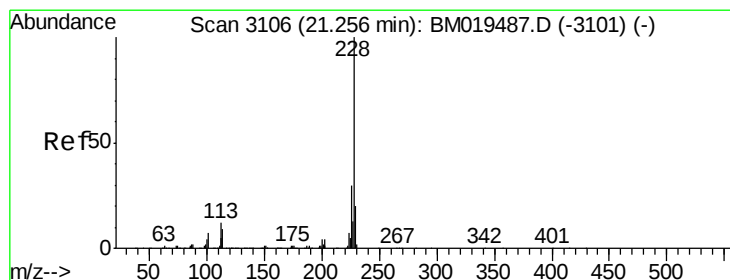
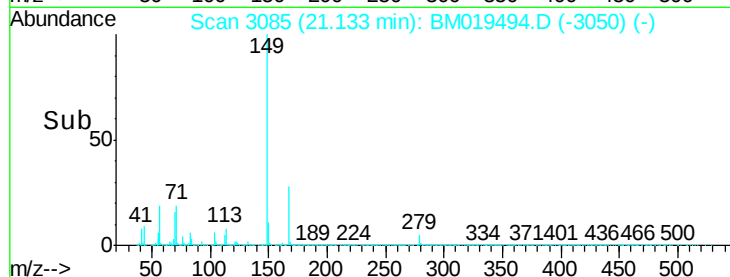
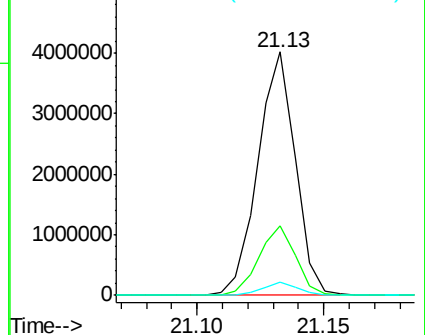
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 2.238 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BM019494.D

Acq: 27 Mar 2019 05:40

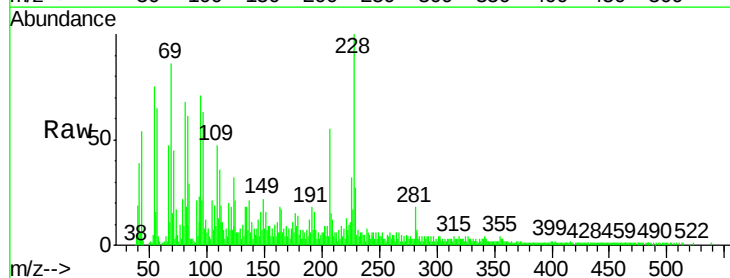
Tgt Ion:228 Resp: 96761

Ion Ratio Lower Upper

228 100

226 31.9 24.1 36.1

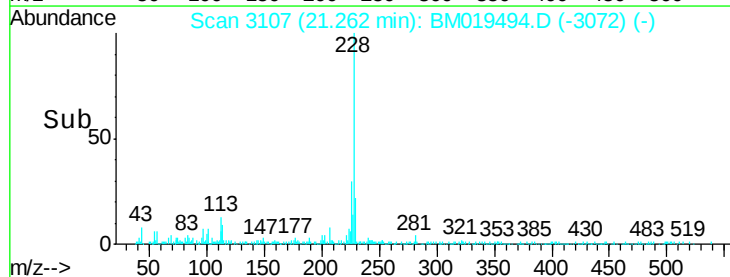
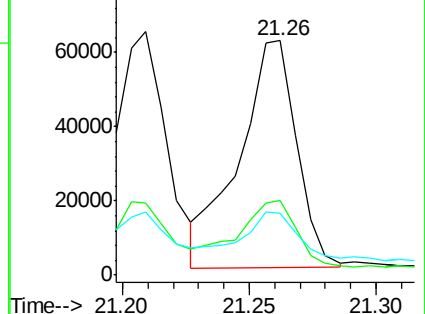
229 26.6 16.0 24.0#

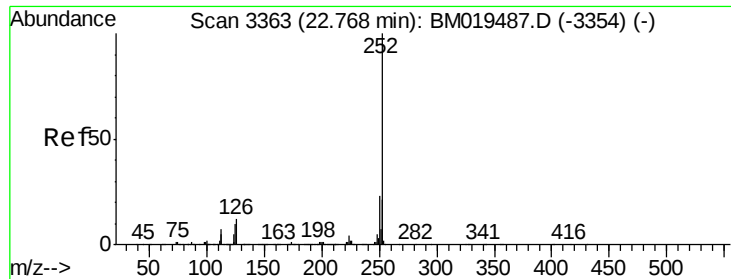


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 2.864 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BM019494.D

Acq: 27 Mar 2019 05:40

Instrument :

BNA_M

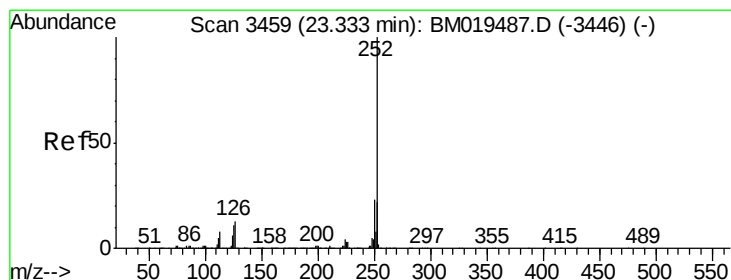
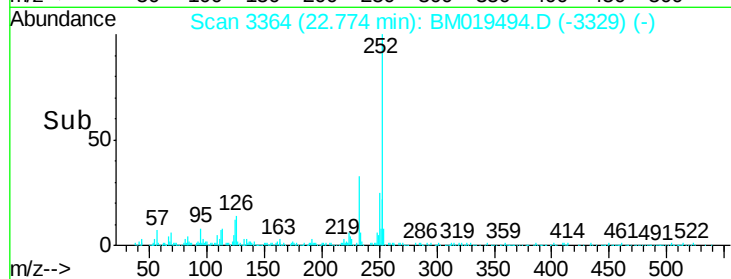
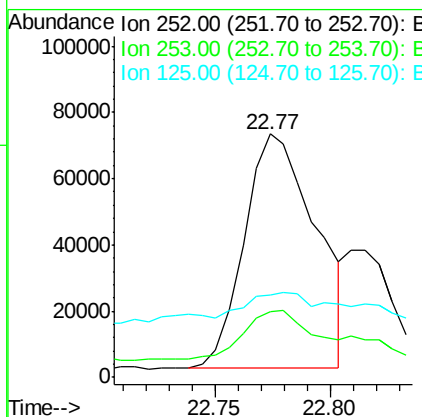
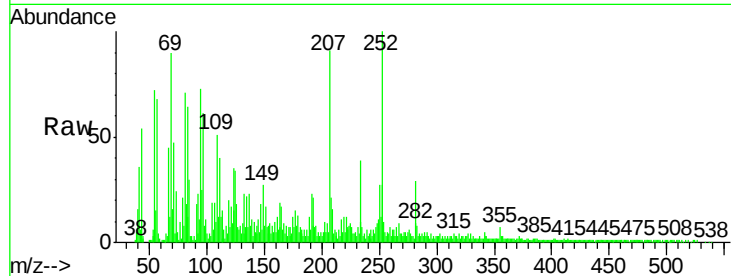
ClientSampled :

BF5T3

Tgt Ion:	252	Resp:	152194
Ion Ratio	Lower	Upper	
252	100		
253	27.0	17.4	26.0#
125	33.7	4.9	7.3#

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#91

Benzo(a)pyrene

Concen: 1.852 ng/ul

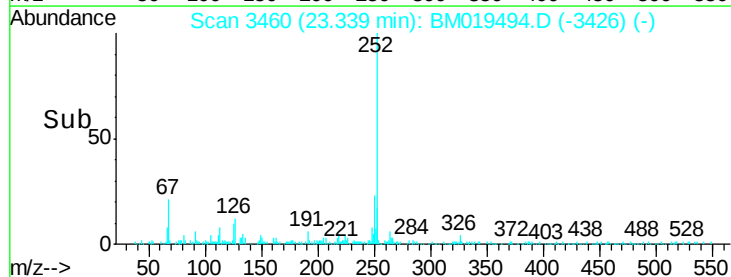
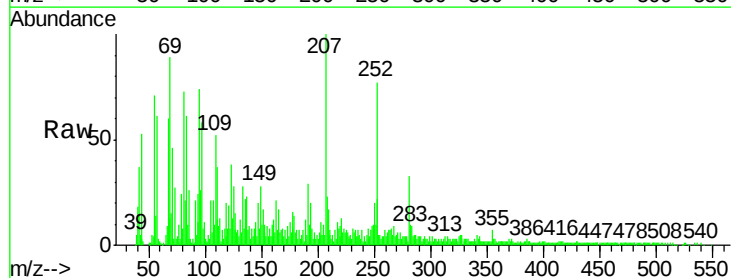
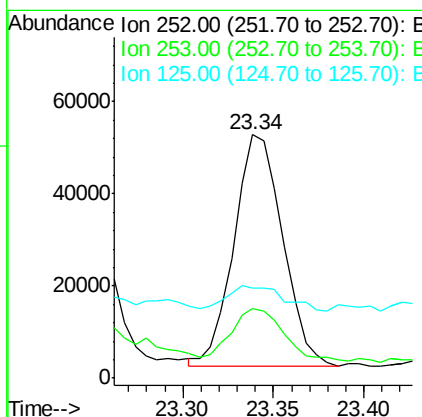
RT: 23.34 min Scan# 3460

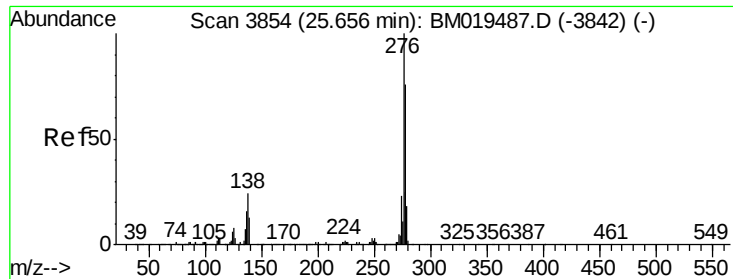
Delta R.T. 0.00 min

Lab File: BM019494.D

Acq: 27 Mar 2019 05:40

Tgt Ion:	252	Resp:	94049
Ion Ratio	Lower	Upper	
252	100		
253	28.7	17.2	25.8#
125	37.0	5.8	8.6#





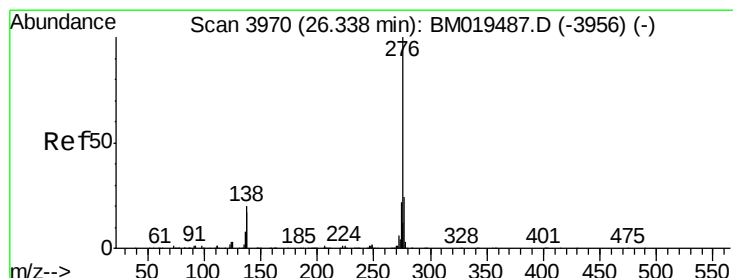
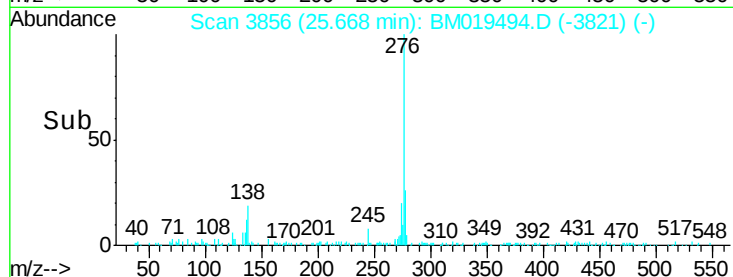
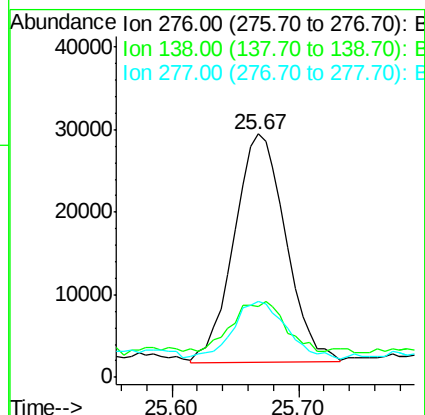
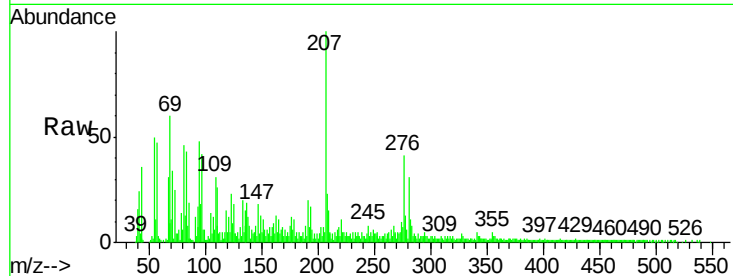
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.226 ng/ul
 RT: 25.67 min Scan# 3856
 Delta R.T. 0.01 min
 Lab File: BM019494.D
 Acq: 27 Mar 2019 05:40

Instrument :
 BNA_M
 ClientSampleId :
 BF5T3

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.3	10.9	16.3#
277	31.1	18.9	28.3#

Manual Integrations
 APPROVED

Sohil
 3/27/2019 5:46:42 PM



#94
 Benzo(g,h,i)perylene
 Concen: 1.437 ng/ul
 RT: 26.36 min Scan# 3974
 Delta R.T. 0.01 min
 Lab File: BM019494.D
 Acq: 27 Mar 2019 05:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.1	11.2	16.8#
277	33.7	19.0	28.6#

