

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
 Data File : BM019415.D
 Acq On : 25 Mar 2019 05:00
 Operator : JU/SJ
 Sample : K2044-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5T4

Manual Integrations
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Quant Time: Mar 25 06:56:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 03:11:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	165394	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	706116	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	413038	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	908076	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	931085	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	1047135	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	20434	4.84	ng/uL	0.00
5) Phenol-d5	6.79	99	177866	12.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	118155	11.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	150300	13.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	141962	12.84	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	68575	13.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	76275	13.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	136038	12.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	149087	11.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	484532	14.54	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	588592	14.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	45019	8.62	ng/ul	0.02
58) Fluorene-d10	15.26	176	434168	15.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	33031	5.50	ng/ul	0.00
71) Anthracene-d10	17.12	188	656881	15.07	ng/ul	0.00
79) Pyrene-d10	19.43	212	668817	15.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	731275	13.17	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.73	163	78203	2.339	ng/ul	99
48) Acenaphthylene	13.99	152	91725	2.221	ng/ul	99
54) Dibenzofuran	14.67	168	64977	1.600	ng/ul	94
59) Fluorene	15.32	166	64084	1.991	ng/ul	99
70) Phenanthrene	17.06	178	173624	3.372	ng/ul	98
72) Anthracene	17.16	178	99620	1.897	ng/ul	98
77) Fluoranthene	19.09	202	664328	11.260	ng/ul#	88
80) Pyrene	19.46	202	582189	10.393	ng/ul#	86
81) Butylbenzylphthalate	20.36	149	35030	1.579	ng/ul#	85
83) Benzo(a)anthracene	21.21	228	339347	6.055	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.13	149	50467	1.570	ng/ul	96
85) Chrysene	21.26	228	307044	5.710	ng/ul	98
88) Benzo(b)fluoranthene	22.78	252	409825	6.425	ng/ul#	90
89) Benzo(k)fluoranthene	22.82	252	153995m	2.514	ng/ul	
91) Benzo(a)pyrene	23.34	252	312583	5.126	ng/ul#	89
92) Indeno(1,2,3-cd)pyrene	25.67	276	207109	2.712	ng/ul#	88
94) Benzo(g,h,i)perylene	26.36	276	163862	2.568	ng/ul#	89

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

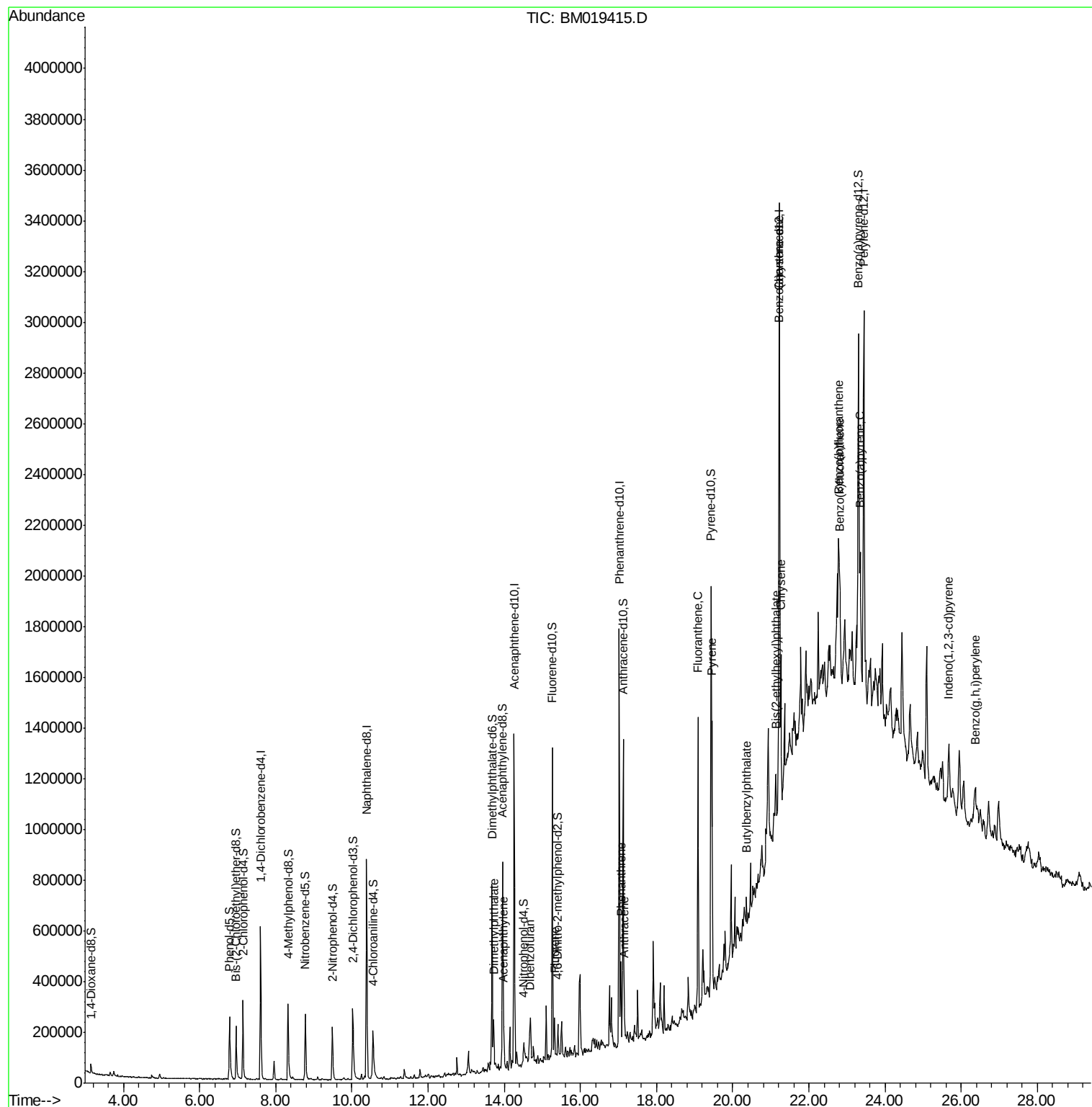
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019415.D
Acq On : 25 Mar 2019 05:00
Operator : JU/SJ
Sample : K2044-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

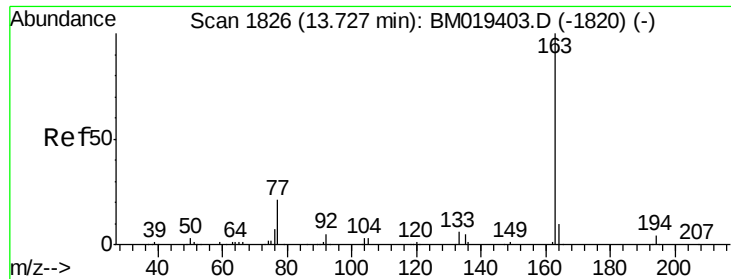
Instrument :
BNA_M
ClientSampleId :
BF5T4

Quant Time: Mar 25 06:56:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
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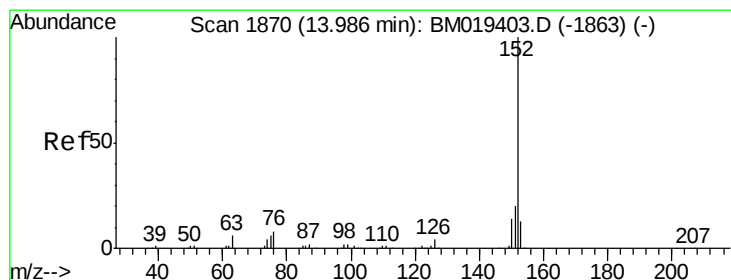
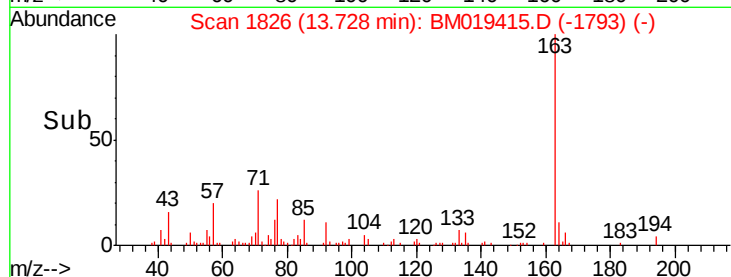
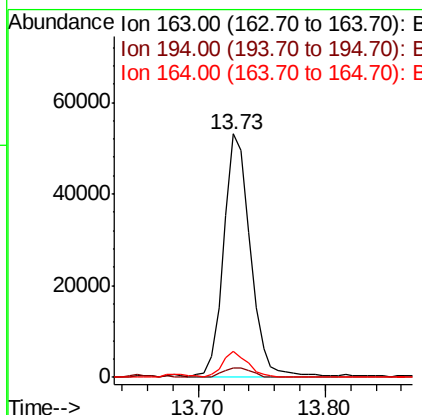
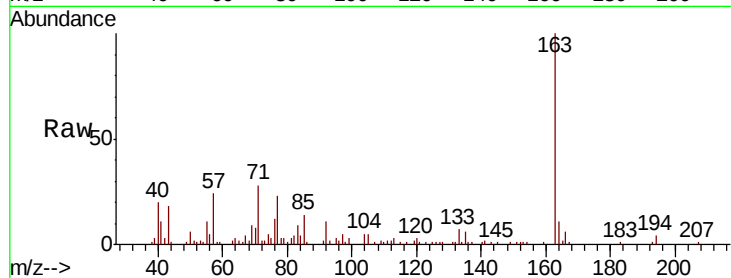
#45
Dimethylphthalate
Concen: 2.339 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM019415.D
Acq: 25 Mar 2019 05:00

Instrument :
BNA_M
ClientSampleId :
BF5T4

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	4.0	6.0
164	10.5	8.4	12.6

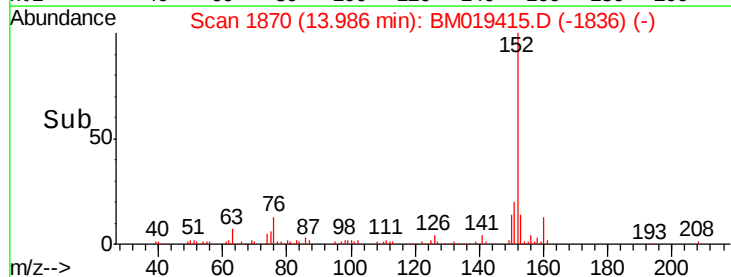
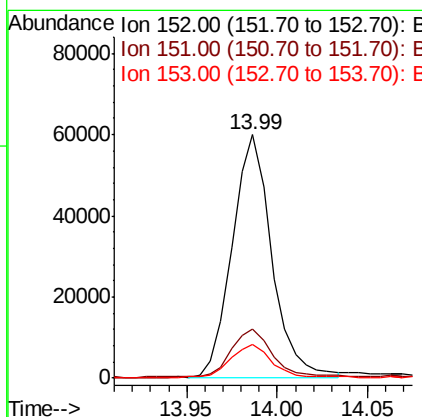
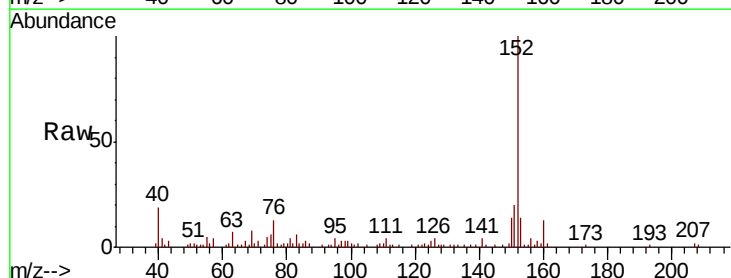
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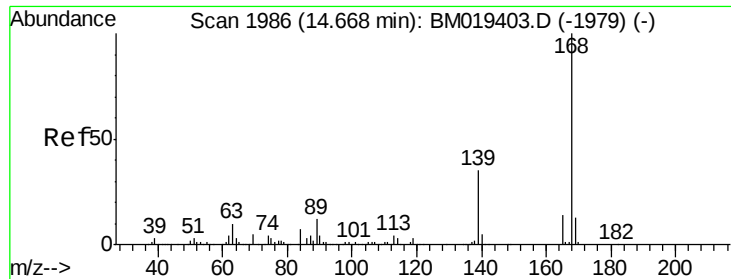
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#48
Acenaphthylene
Concen: 2.221 ng/ul
RT: 13.99 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BM019415.D
Acq: 25 Mar 2019 05:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	14.0	10.8	16.2





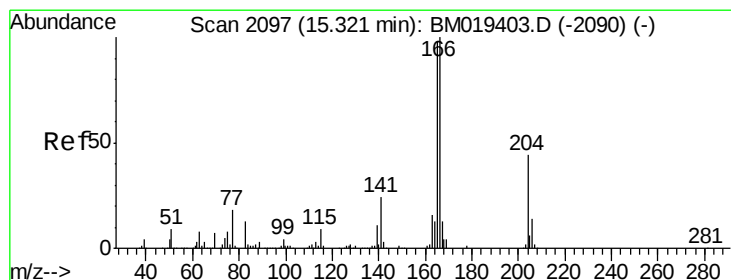
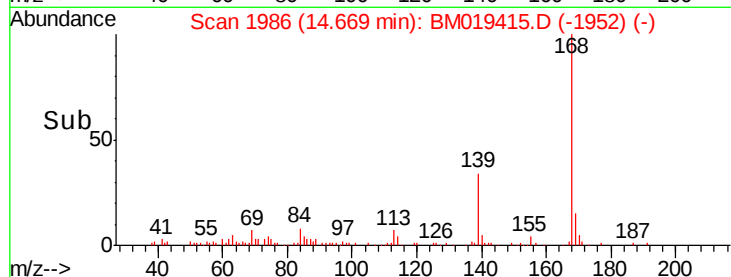
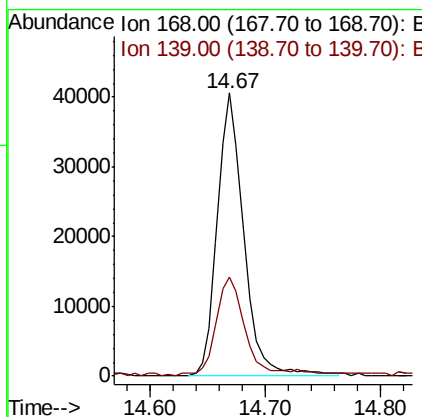
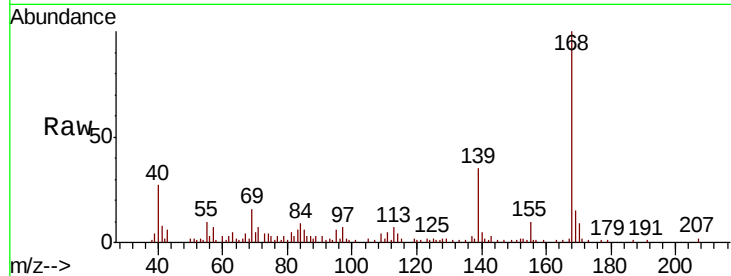
#54
Dibenzenofuran
Concen: 1.600 ng/ul
RT: 14.67 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BM019415.D
Acq: 25 Mar 2019 05:00

Instrument :
BNA_M
ClientSampleId :
BF5T4

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.1	31.0	46.4

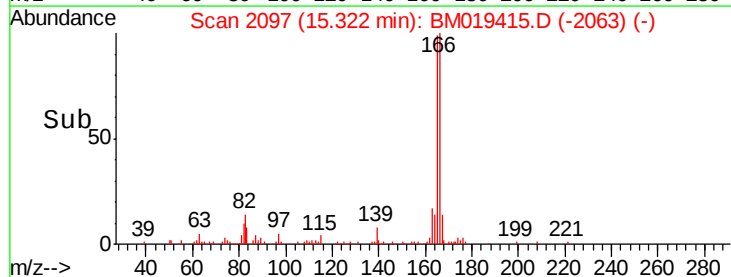
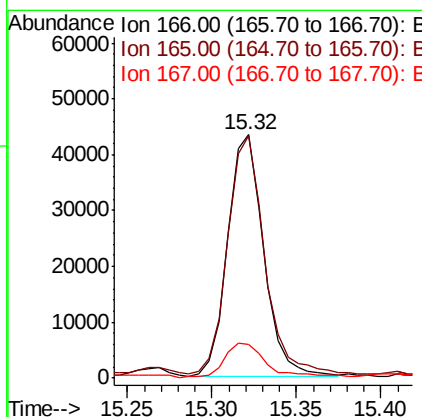
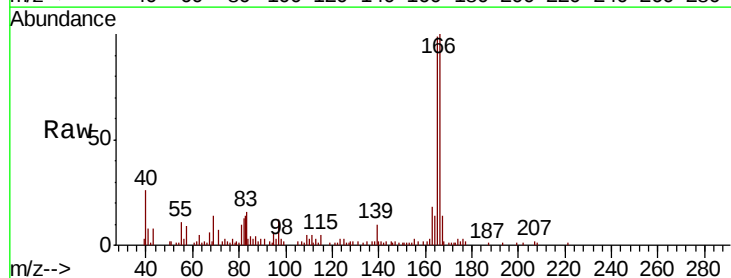
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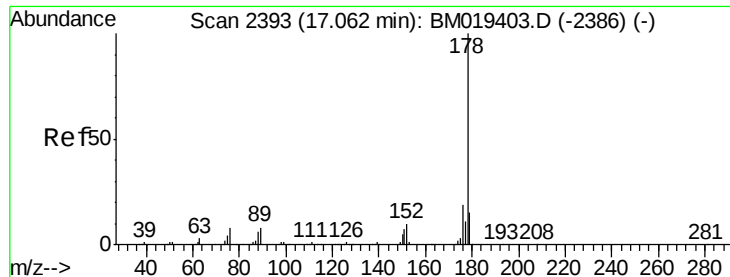
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#59
Fluorene
Concen: 1.991 ng/ul
RT: 15.32 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BM019415.D
Acq: 25 Mar 2019 05:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.4	117.6
167	13.9	11.1	16.7





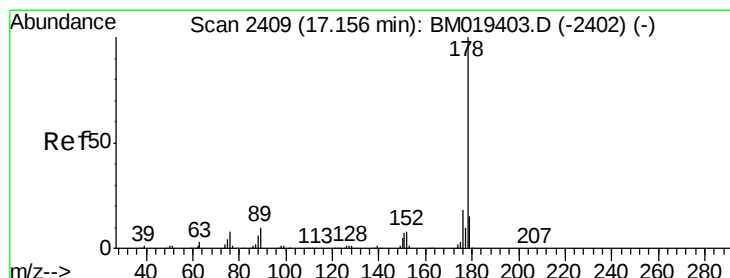
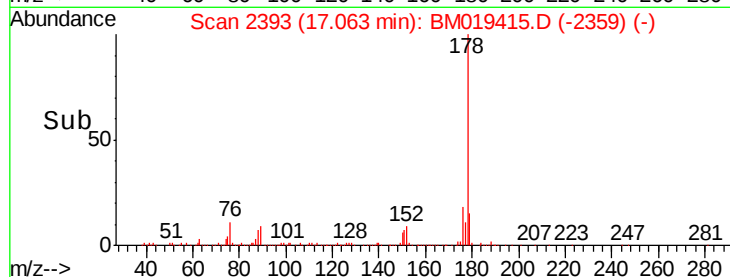
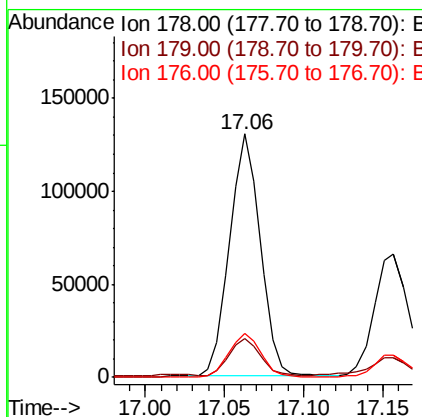
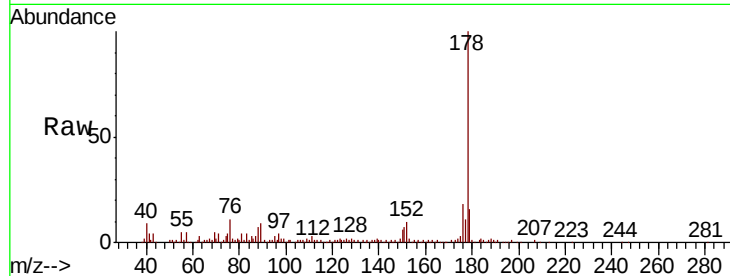
#70
Phenanthrene
Concen: 3.372 ng/ul
RT: 17.06 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BM019415.D
Acq: 25 Mar 2019 05:00

Instrument :
BNA_M
ClientSampleId :
BF5T4

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.3	15.4	23.0

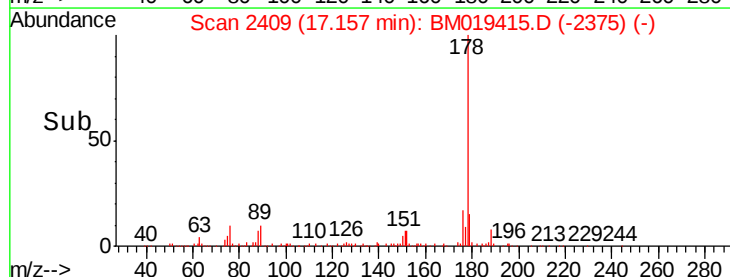
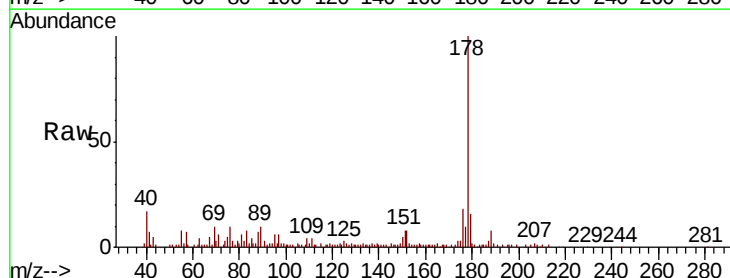
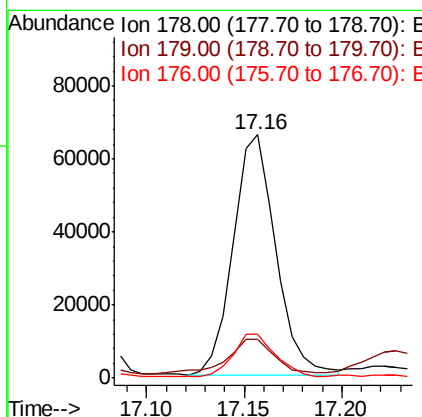
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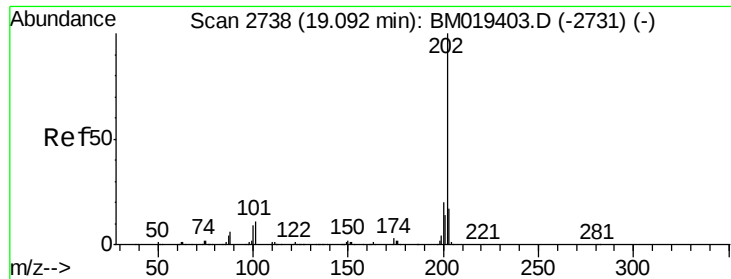
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#72
Anthracene
Concen: 1.897 ng/ul
RT: 17.16 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BM019415.D
Acq: 25 Mar 2019 05:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.4	20.2
176	18.0	15.4	23.0





#77

Fluoranthene

Concen: 11.260 ng/ul

RT: 19.09 min Scan# 2737

Delta R.T. -0.01 min

Lab File: BM019415.D

Acq: 25 Mar 2019 05:00

Instrument :

BNA_M

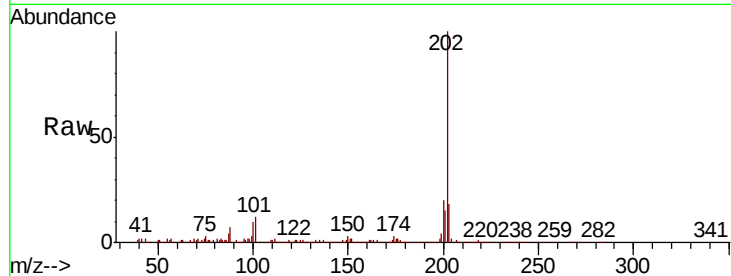
ClientSampleId :

BF5T4

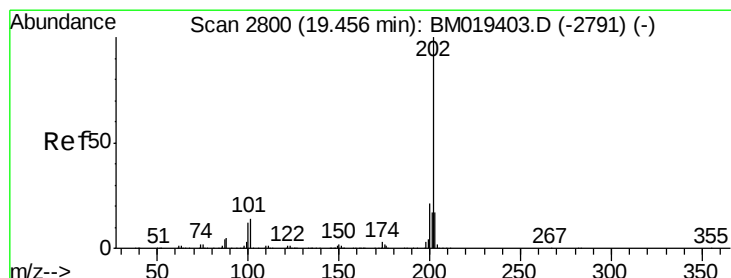
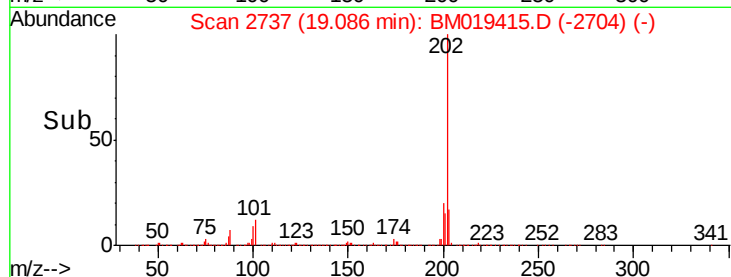
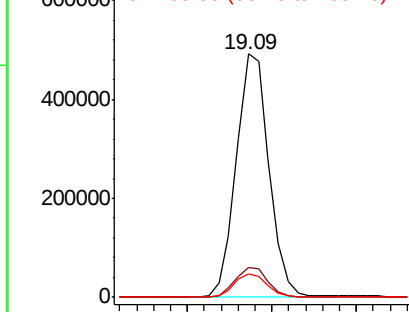
Tot Ion:	202	Resp:	664328
Ion Ratio	Lower	Upper	
202	100		
101	12.3	6.1	9.1#
100	9.6	4.6	7.0#

Manual Integrations
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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: 10.393 ng/ul

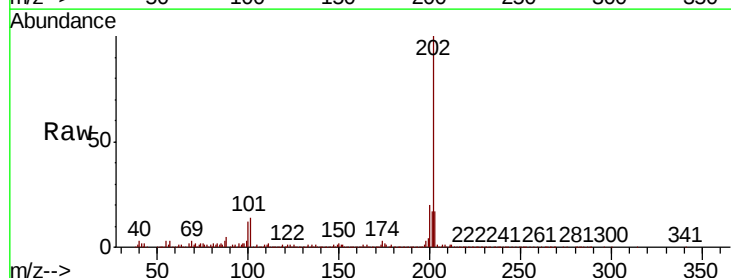
RT: 19.46 min Scan# 2800

Delta R.T. 0.00 min

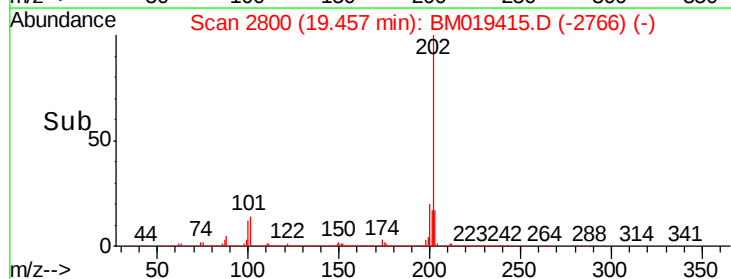
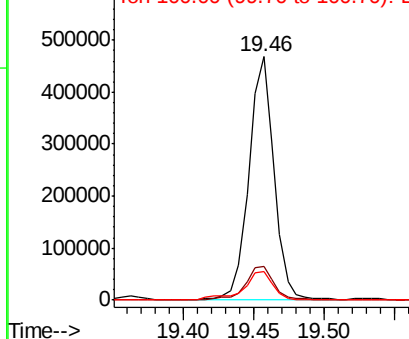
Lab File: BM019415.D

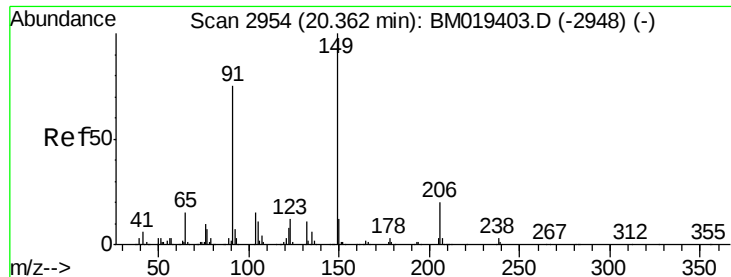
Acq: 25 Mar 2019 05:00

Tgt Ion:	202	Resp:	582189
Ion Ratio	Lower	Upper	
202	100		
101	13.9	6.9	10.3#
100	11.5	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





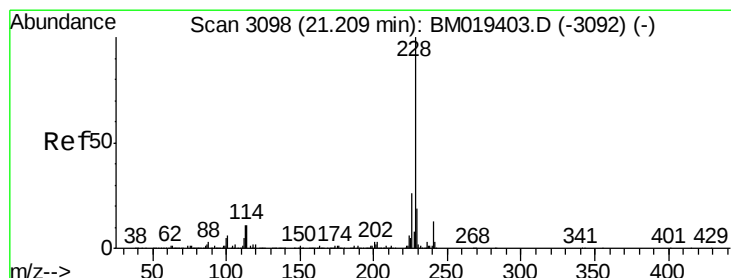
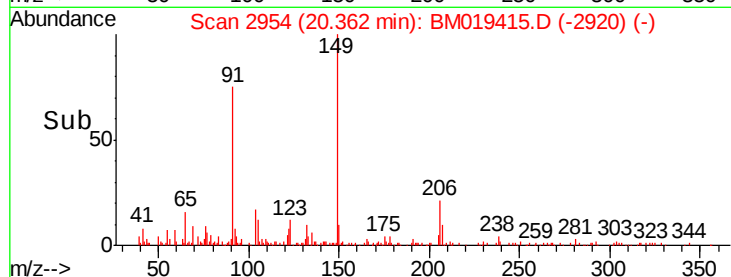
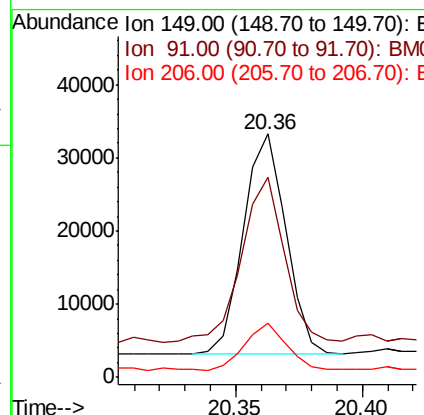
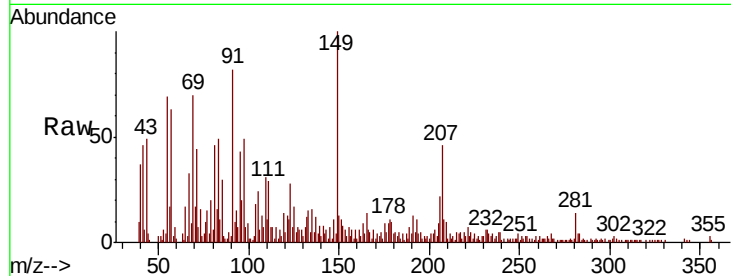
#81
Butylbenzylphthalate
Concen: 1.579 ng/ul
RT: 20.36 min Scan# 2954
Delta R.T. 0.00 min
Lab File: BM019415.D
Acq: 25 Mar 2019 05:00

Instrument :
BNA_M
ClientSampleId :
BF5T4

Tot Ion	Ratio	Lower	Upper
149	100		
91	82.4	53.4	80.0
206	22.4	19.3	28.9

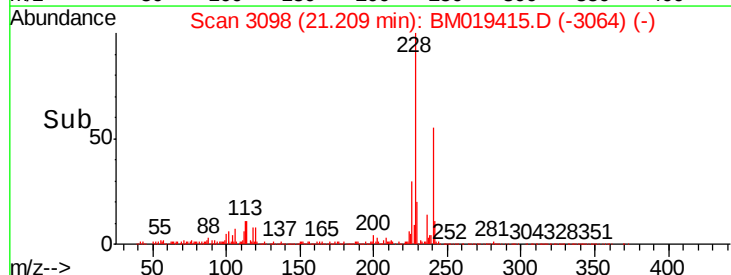
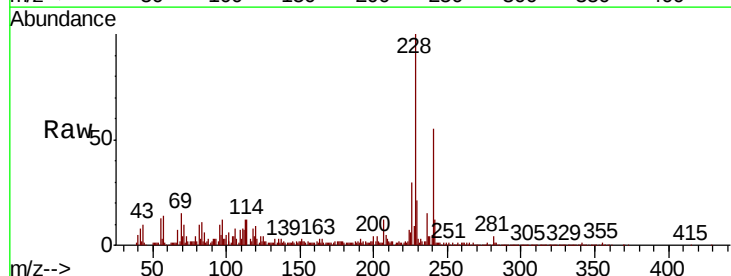
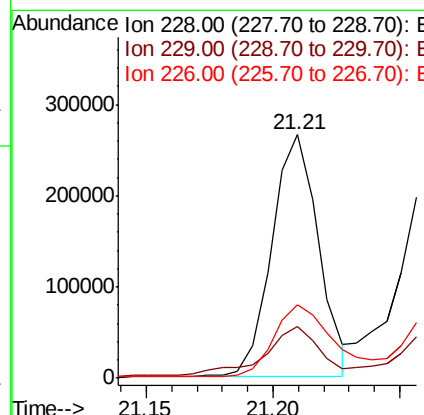
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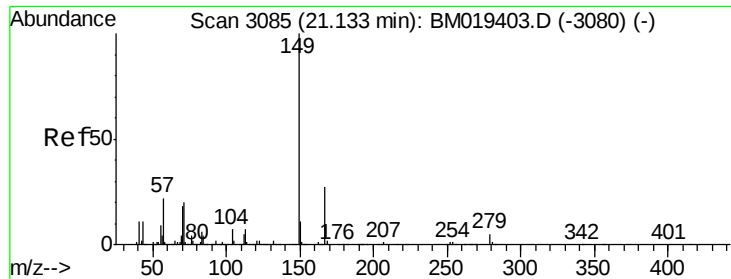
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#83
Benzo(a)anthracene
Concen: 6.055 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BM019415.D
Acq: 25 Mar 2019 05:00

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.0	24.0
226	30.4	21.8	32.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.570 ng/ul

RT: 21.13 min Scan# 3085

Delta R.T. 0.00 min

Lab File: BM019415.D

Acq: 25 Mar 2019 05:00

Instrument :

BNA_M

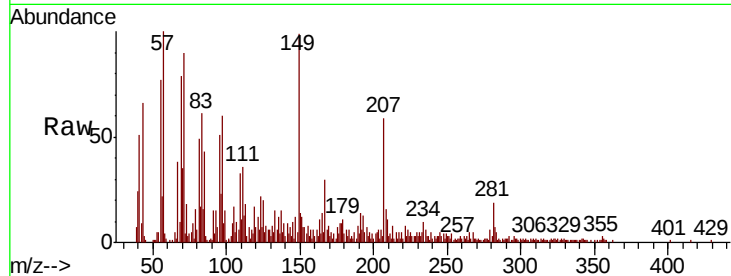
ClientSampleId :

BF5T4

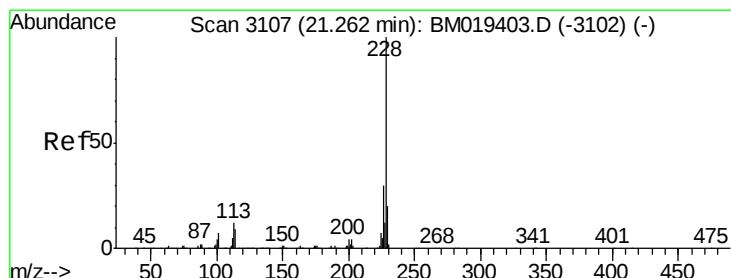
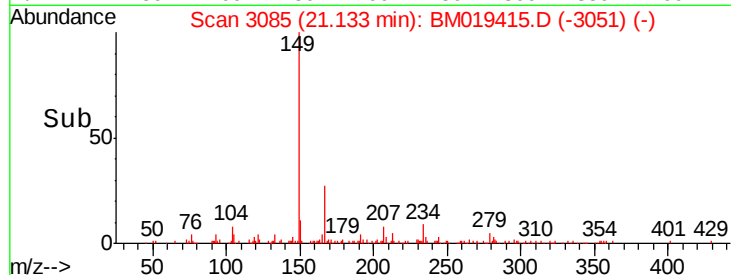
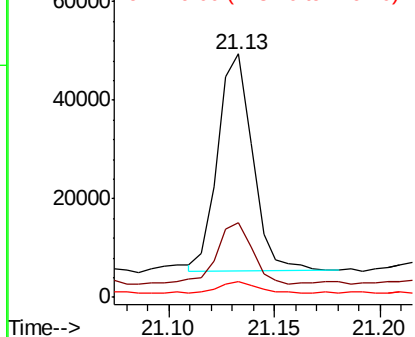
Tot Ion:	149	Resp:	50467
Ion Ratio	Lower	Upper	
149	100		
167	30.8	23.0	34.6
279	6.4	4.3	6.5

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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: 5.710 ng/ul

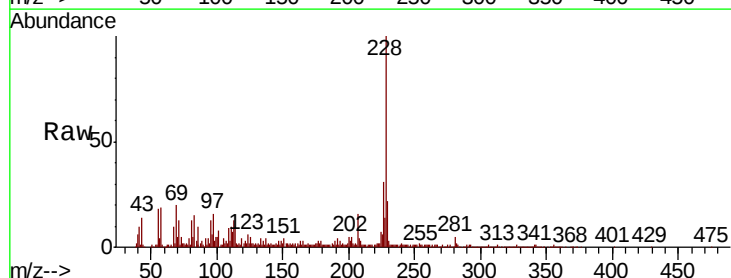
RT: 21.26 min Scan# 3107

Delta R.T. 0.00 min

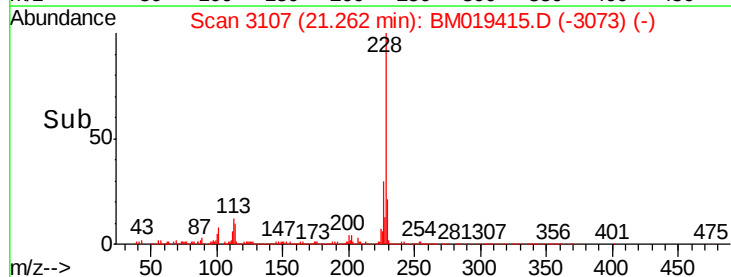
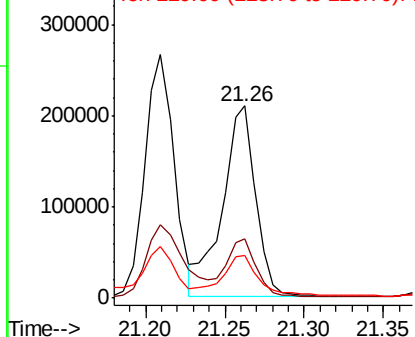
Lab File: BM019415.D

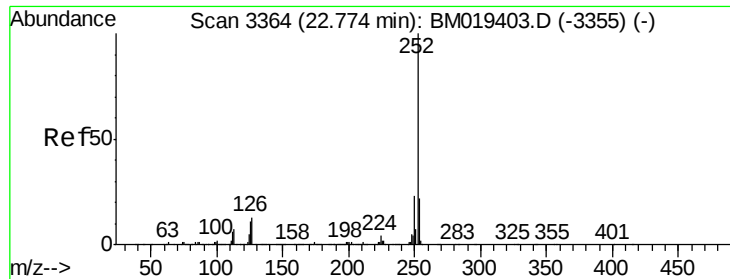
Acq: 25 Mar 2019 05:00

Tgt Ion:	228	Resp:	307044
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.1	36.1
229	22.3	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: 6.425 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. 0.01 min

Lab File: BM019415.D

Acq: 25 Mar 2019 05:00

Instrument :

BNA_M

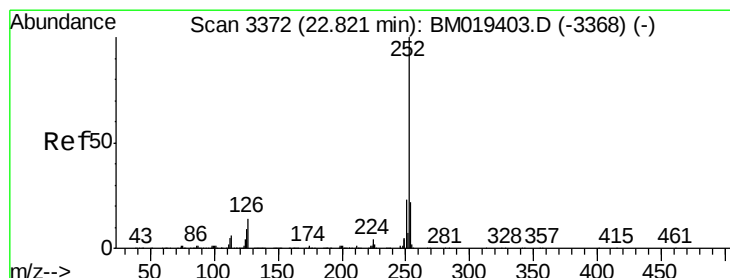
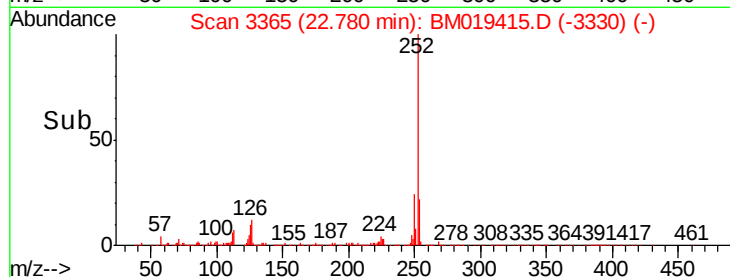
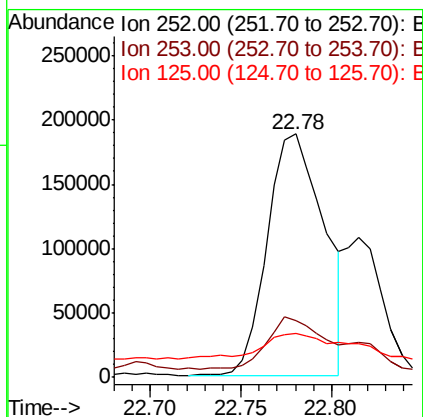
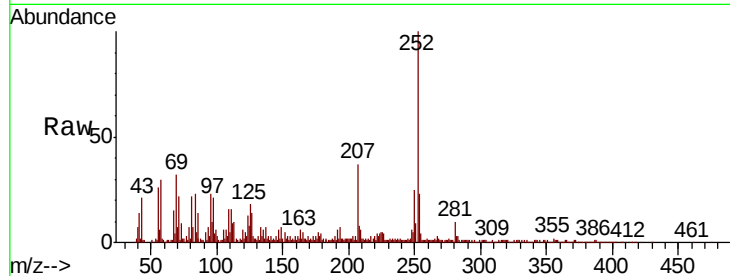
ClientSampled :

BF5T4

Tot Ion:	252	Resp:	409825
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.4	26.0
125	17.9	4.9	7.3#

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 2.514 ng/ul m

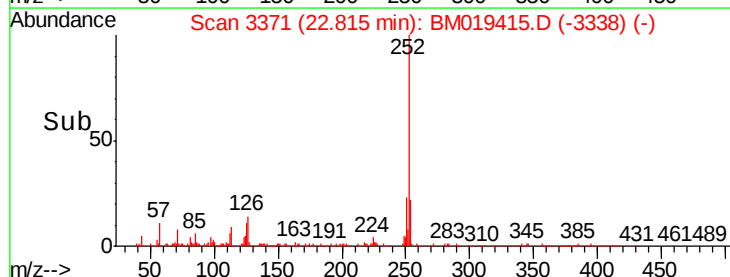
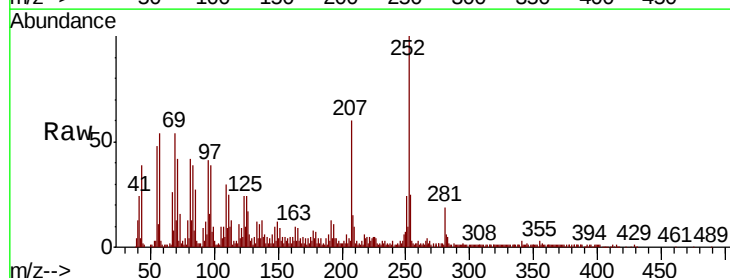
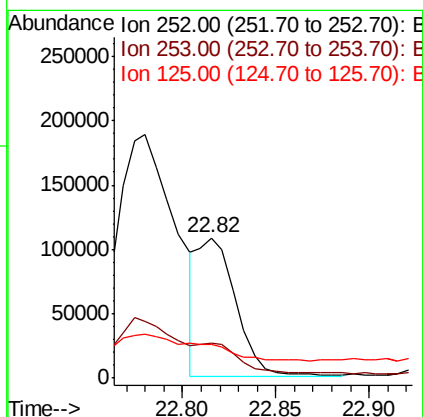
RT: 22.82 min Scan# 3371

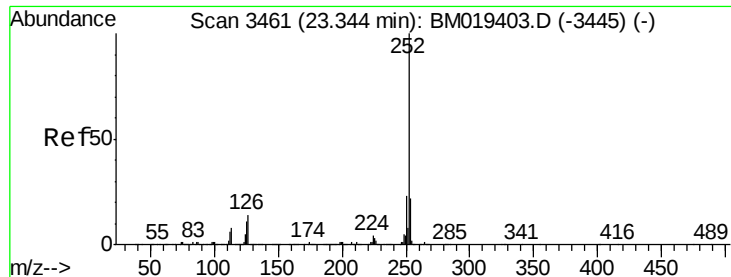
Delta R.T. -0.01 min

Lab File: BM019415.D

Acq: 25 Mar 2019 05:00

Tgt Ion:	252	Resp:	153995
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.1	25.7
125	23.6	5.4	8.0#





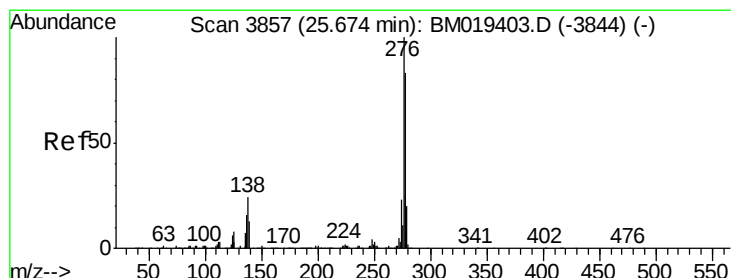
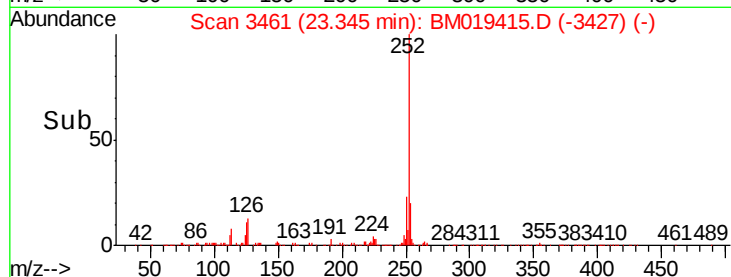
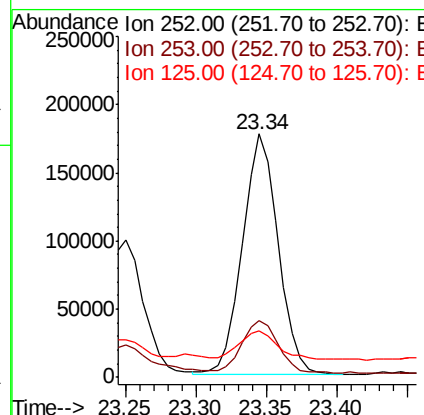
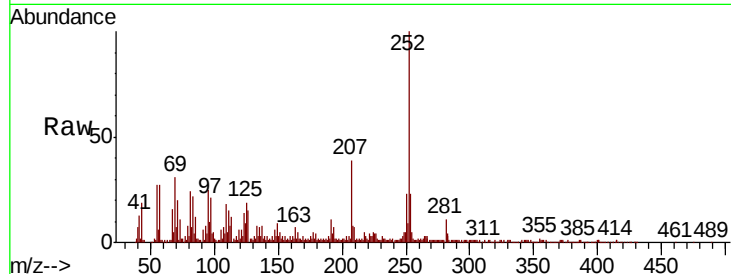
#91
Benzo(a)pyrene
Concen: 5.126 ng/ul
RT: 23.34 min Scan# 3461
Delta R.T. 0.00 min
Lab File: BM019415.D
Acq: 25 Mar 2019 05:00

Instrument :
BNA_M
ClientSampled :
BF5T4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	18.8	5.8	8.6

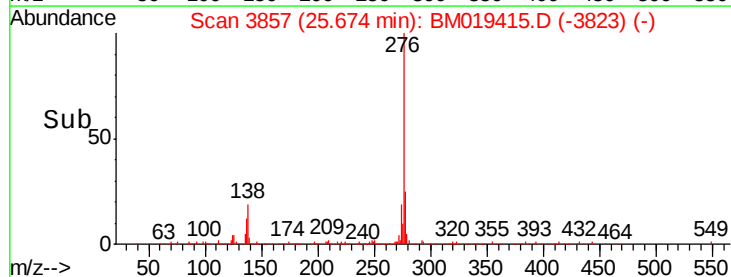
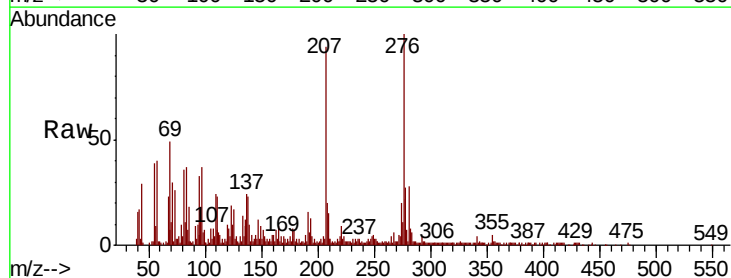
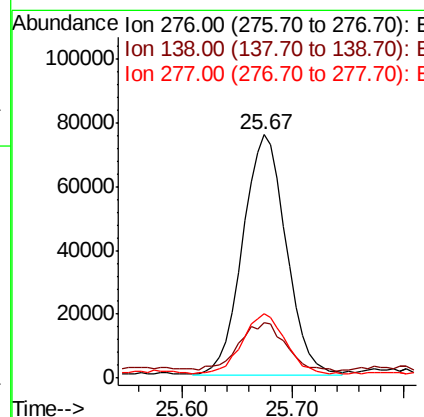
Manual Integrations
APPROVED

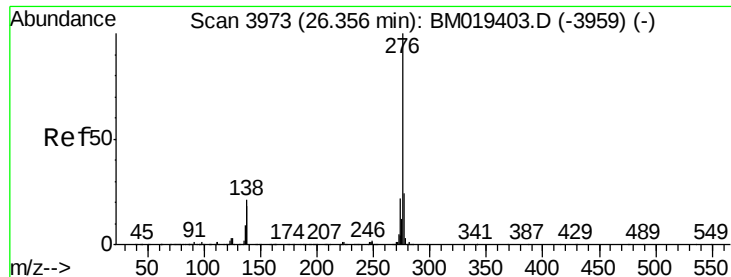
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#92
Indeno(1,2,3-cd)pyrene
Concen: 2.712 ng/ul
RT: 25.67 min Scan# 3857
Delta R.T. 0.00 min
Lab File: BM019415.D
Acq: 25 Mar 2019 05:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.6	10.9	16.3
277	26.5	18.9	28.3





#94

Benzo(a,h,i)perylene

Concen: 2.568 ng/ul

RT: 26.36 min Scan# 3974

Delta R.T. 0.01 min

Lab File: BM019415.D

Acq: 25 Mar 2019 05:00

Instrument :

BNA_M

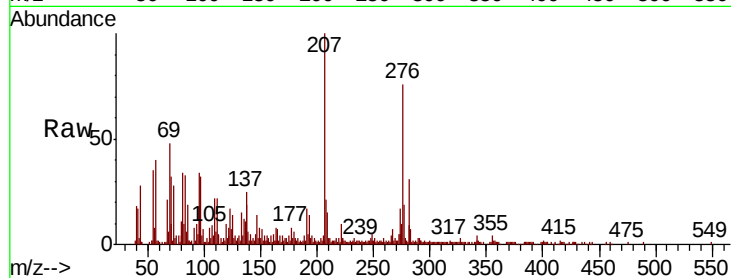
ClientSampleId :

BF5T4

Tot Ion:	276	Resp:	163862
Ion Ratio	Lower	Upper	
276	100		
138	24.3	11.2	16.8#
277	25.1	19.0	28.6

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

