

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
 Data File : BM019813.D
 Acq On : 09 Apr 2019 02:18
 Operator : JU/SJ
 Sample : K2254-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC40

Manual Integrations
 APPROVED

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 4/10/2019 6:16:41 PM

Quant Time: Apr 09 09:52:16 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	160456	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	641977	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	327397	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	667643	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	885081	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	947820	20.00	ng/ul	0.02

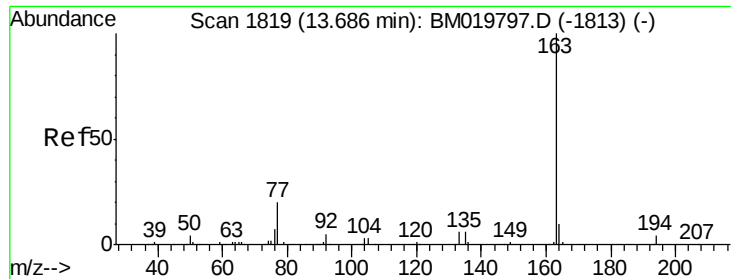
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	27451	6.70	ng/uL	0.00
5) Phenol-d5	6.75	99	170719	11.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	130768	13.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	160279	14.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	130587	12.18	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	73415	16.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	84437	16.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	135300	14.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	129417	11.21	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	424898	16.08	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	518890	15.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	41133m	9.93	ng/ul	0.03
58) Fluorene-d10	15.22	176	369971	16.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	31500	7.13	ng/ul	0.00
71) Anthracene-d10	17.08	188	555402	17.34	ng/ul	0.00
79) Pyrene-d10	19.39	212	597401	14.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	768537	15.30	ng/ul	0.01

Target Compounds

					Qvalue	
45) Dimethylphthalate	13.69	163	97883	3.693	ng/ul	99
70) Phenanthrene	17.02	178	108379	2.863	ng/ul	98
77) Fluoranthene	19.06	202	199724	4.604	ng/ul#	87
80) Pyrene	19.42	202	191517	3.597	ng/ul#	82
81) Butylbenzylphthalate	20.33	149	89795	4.259	ng/ul#	75
83) Benzo(a)anthracene	21.18	228	120016	2.253	ng/ul#	87
84) Bis(2-ethylhexyl)phthalate	21.10	149	563216	18.430	ng/ul	99
85) Chrysene	21.23	228	115251	2.255	ng/ul#	82
92) Indeno(1,2,3-cd)pyrene	25.63	276	74983	1.085	ng/ul#	69
94) Benzo(g,h,i)perylene	26.31	276	77297	1.338	ng/ul#	70

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



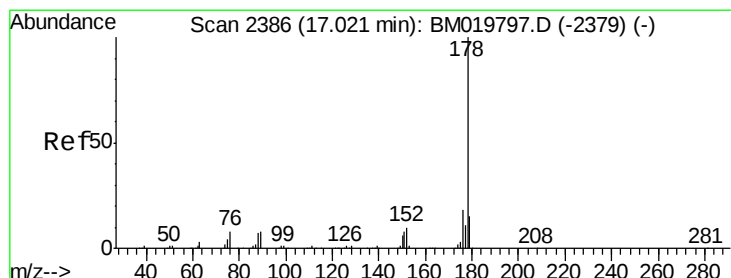
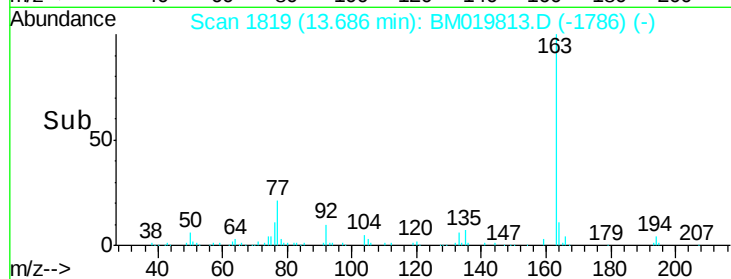
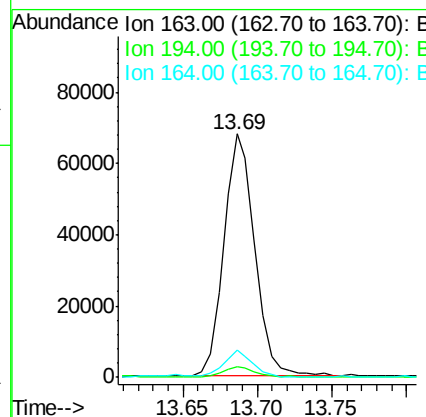
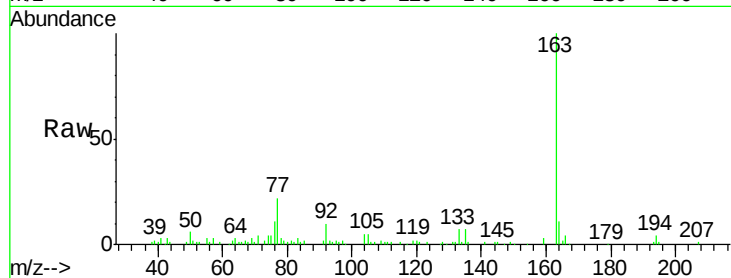
#45
Dimethylphthalate
Concen: 3.693 ng/ul
RT: 13.69 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BM019813.D
Acq: 09 Apr 2019 02:18

Instrument :
BNA_M
ClientSampleId :
BFC40

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	97883		
194	4.4		4.0	6.0
164	11.0		8.4	12.6

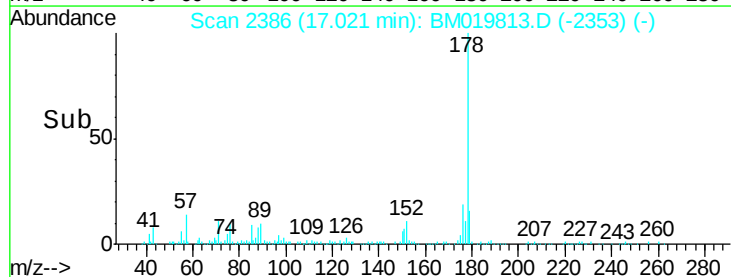
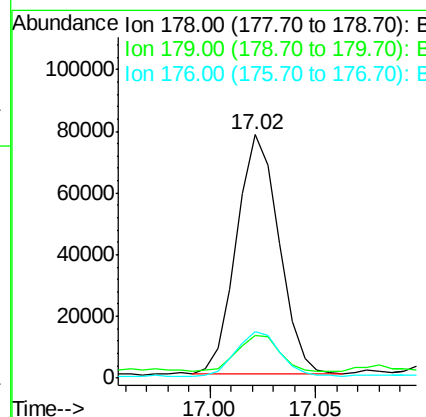
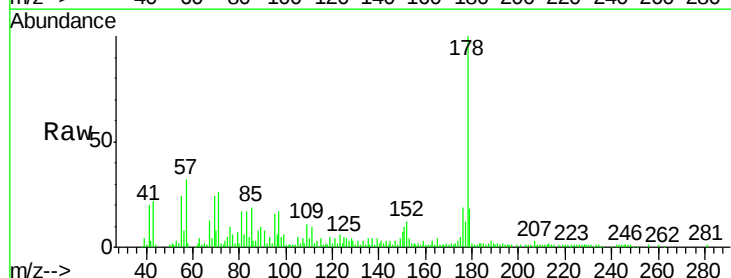
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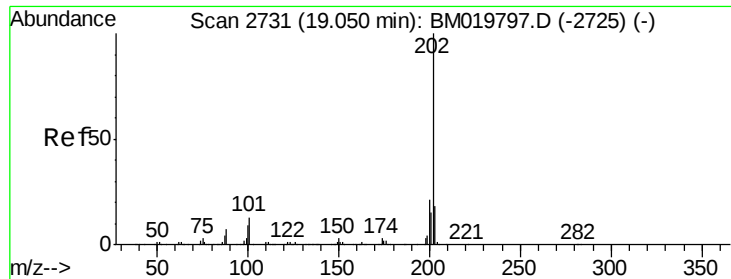
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#70
Phenanthrene
Concen: 2.863 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM019813.D
Acq: 09 Apr 2019 02:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	108379		
179	17.5		12.3	18.5
176	19.0		15.4	23.0





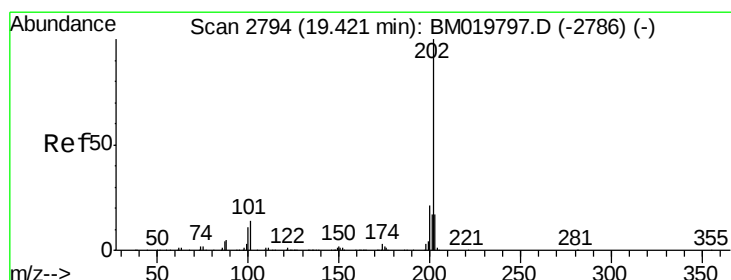
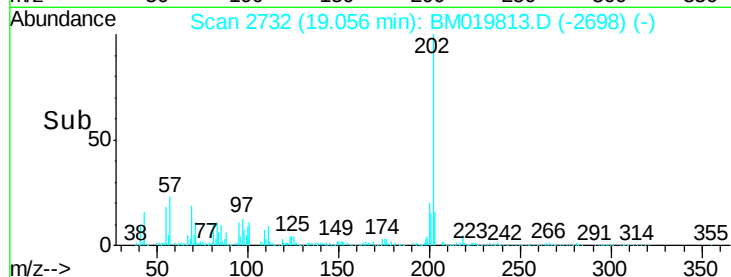
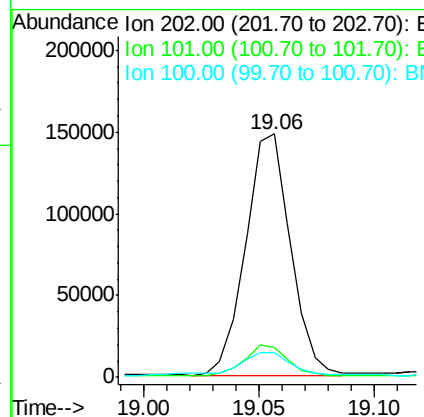
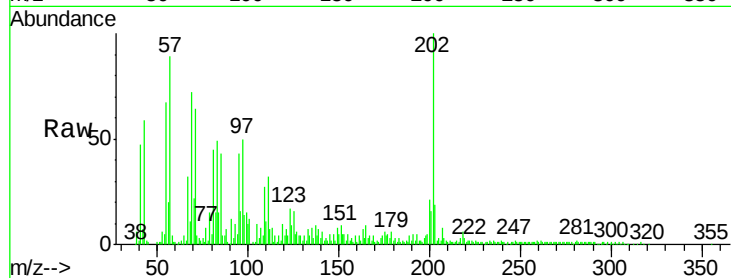
#77
Fluoranthene
 Concen: 4.604 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: BM019813.D
 Acq: 09 Apr 2019 02:18

Instrument :
 BNA_M
 ClientSampleId :
 BFC40

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.5	6.1	9.1#
100	10.1	4.6	7.0#

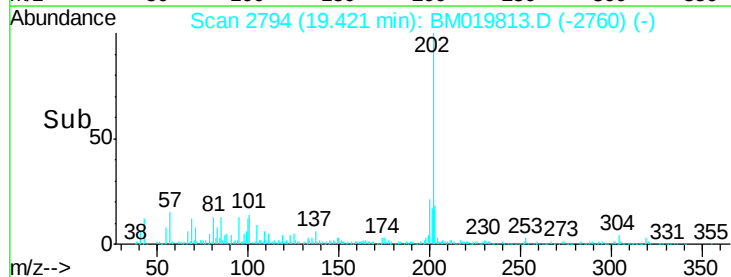
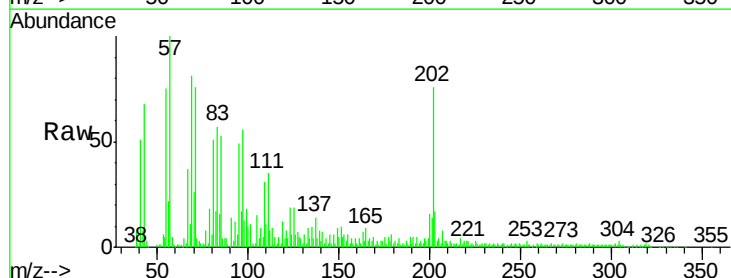
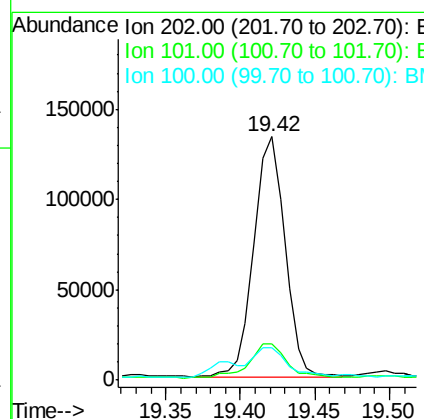
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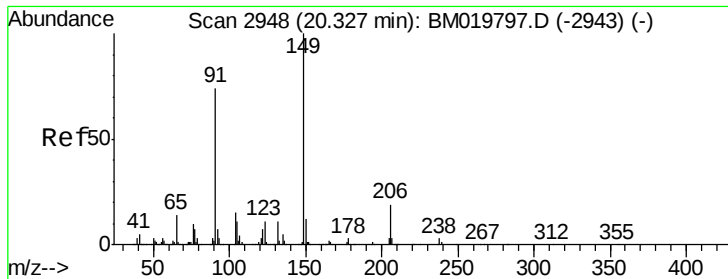
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#80
Pyrene
 Concen: 3.597 ng/ul
 RT: 19.42 min Scan# 2794
 Delta R.T. -0.00 min
 Lab File: BM019813.D
 Acq: 09 Apr 2019 02:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.7	6.9	10.3#
100	13.4	5.6	8.4#





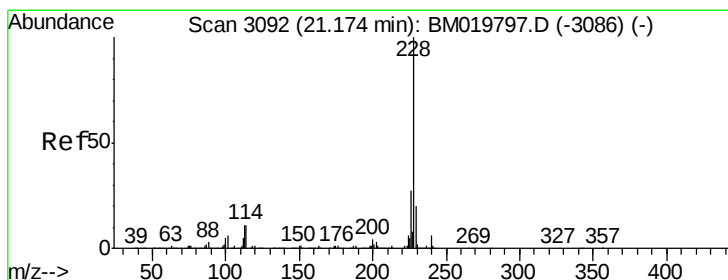
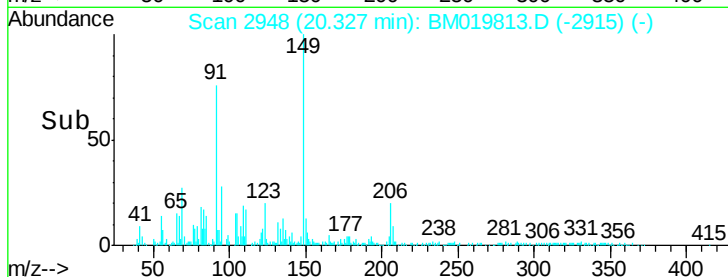
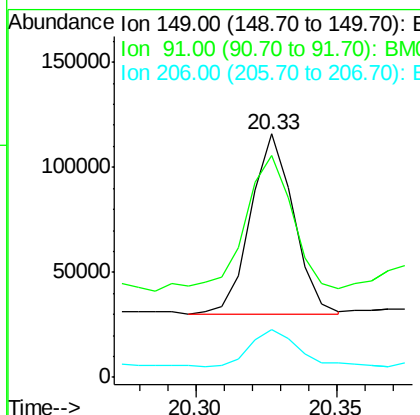
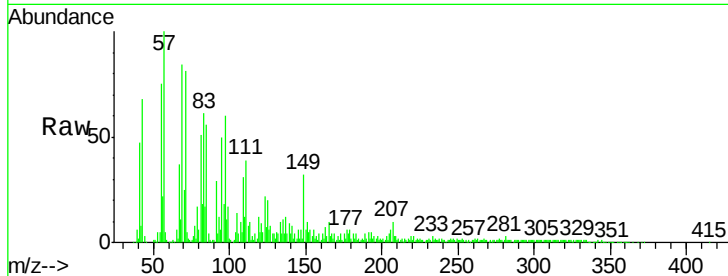
#81
Butylbenzylphthalate
Concen: 4.259 ng/ul
RT: 20.33 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BM019813.D
Acq: 09 Apr 2019 02:18

Instrument :
BNA_M
ClientSampled :
BFC40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	89795		
91	91.0	53.4	80.0#	
206	19.8	19.3	28.9	

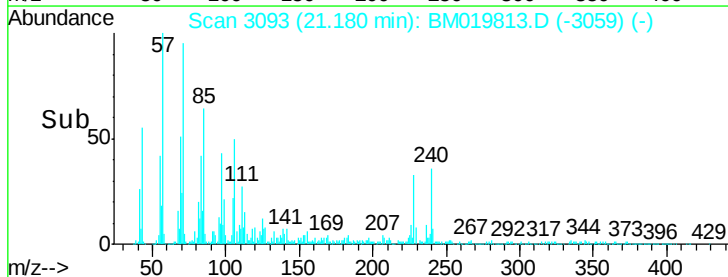
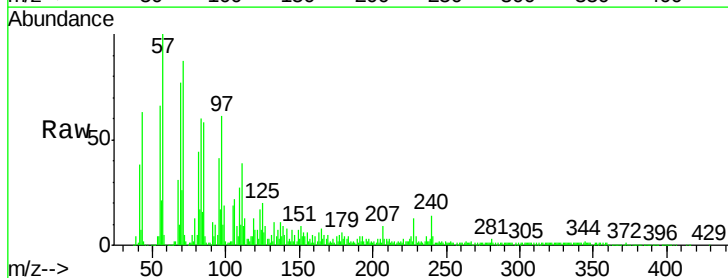
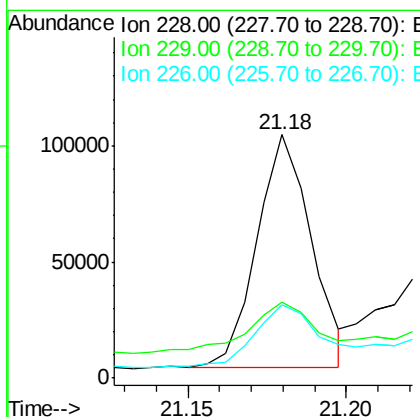
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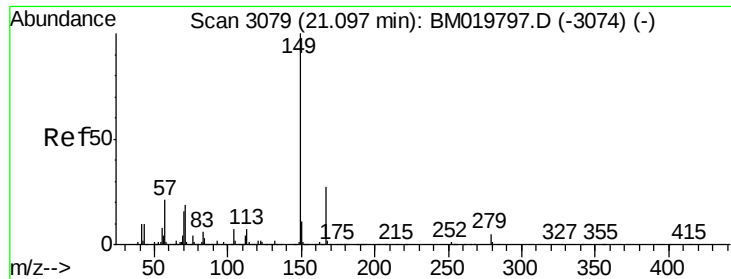
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#83
Benzo(a)anthracene
Concen: 2.253 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BM019813.D
Acq: 09 Apr 2019 02:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	120016		
229	31.2	16.0	24.0#	
226	30.1	21.8	32.8	





#84

Bis(2-ethylhexyl)phthalate

Concen: 18.430 ng/ul

RT: 21.10 min Scan# 3079

Delta R.T. -0.00 min

Lab File: BM019813.D

Acq: 09 Apr 2019 02:18

Instrument :

BNA_M

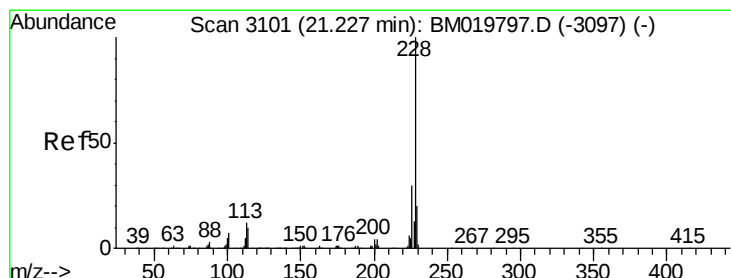
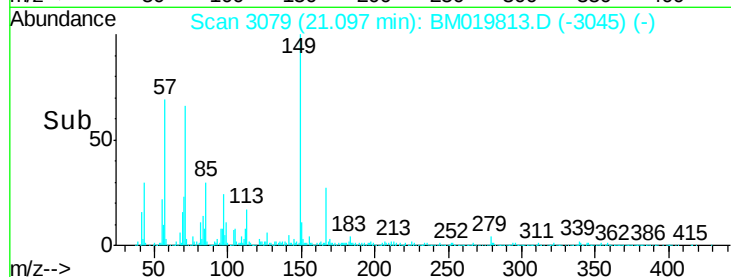
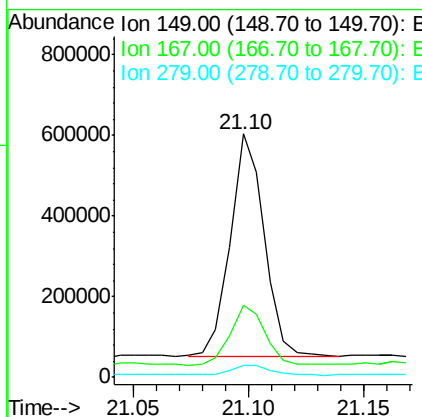
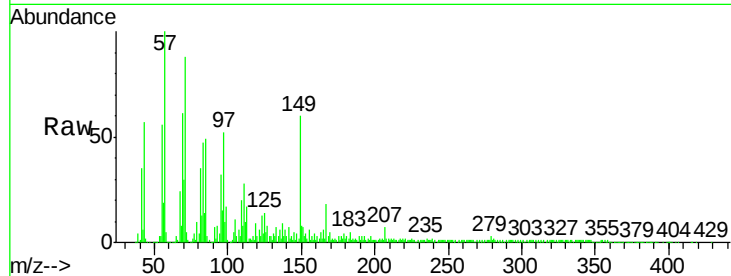
ClientSampleId :

BFC40

Tgt Ion:	149	Resp:	563216
Ion Ratio	Lower	Upper	
149	100		
167	29.5	23.0	34.6
279	4.9	4.3	6.5

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#85

Chrysene

Concen: 2.255 ng/ul

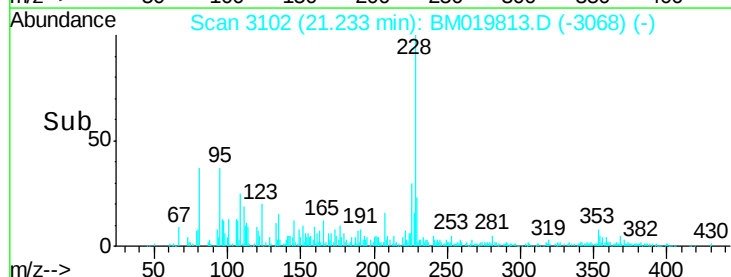
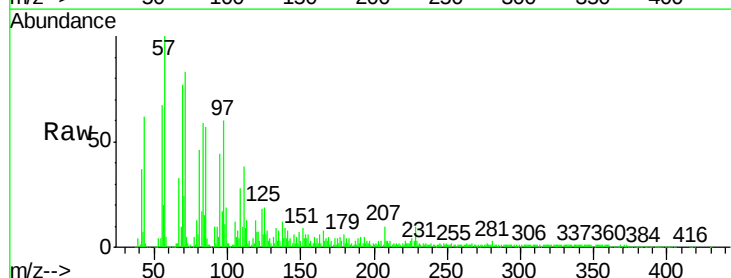
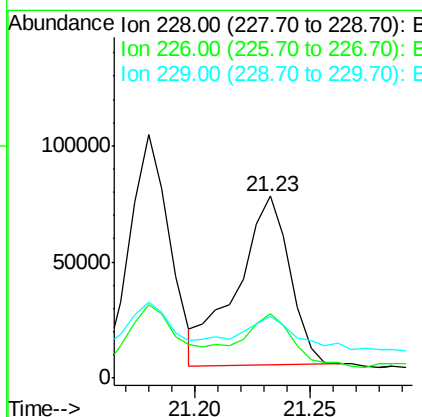
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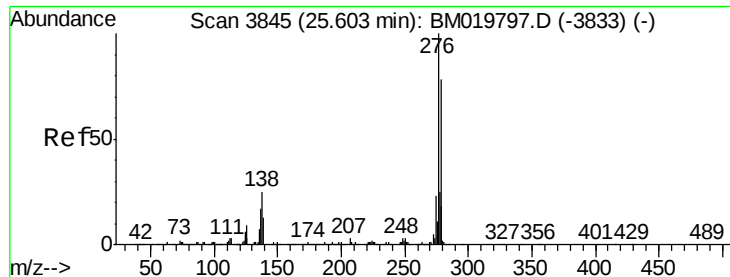
Delta R.T. -0.00 min

Lab File: BM019813.D

Acq: 09 Apr 2019 02:18

Tgt Ion:	228	Resp:	115251
Ion Ratio	Lower	Upper	
228	100		
226	35.1	24.1	36.1
229	34.0	16.0	24.0#





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.085 ng/ul

RT: 25.63 min Scan# 3849

Delta R.T. 0.02 min

Lab File: BM019813.D

Acq: 09 Apr 2019 02:18

Instrument :

BNA_M

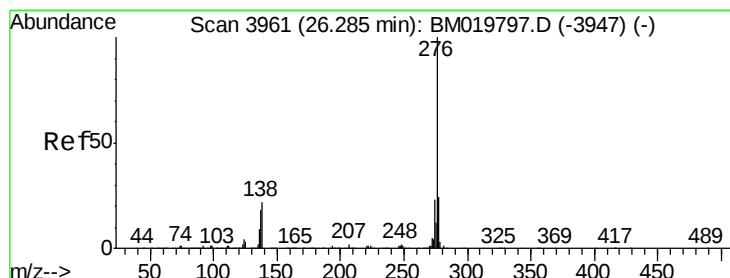
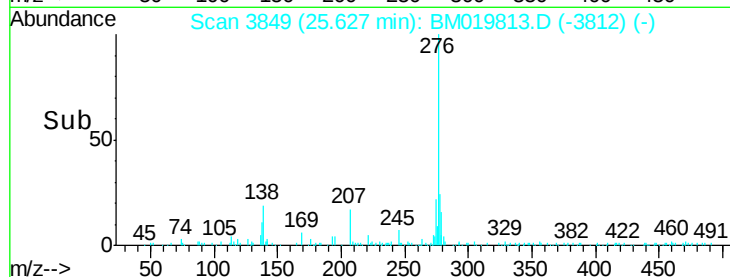
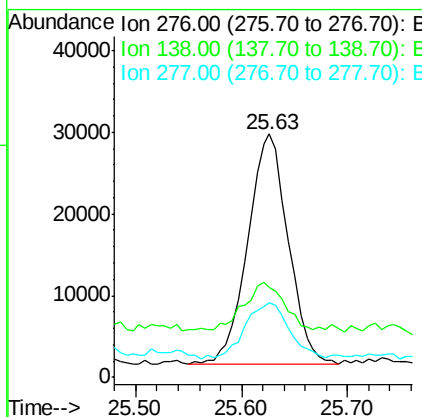
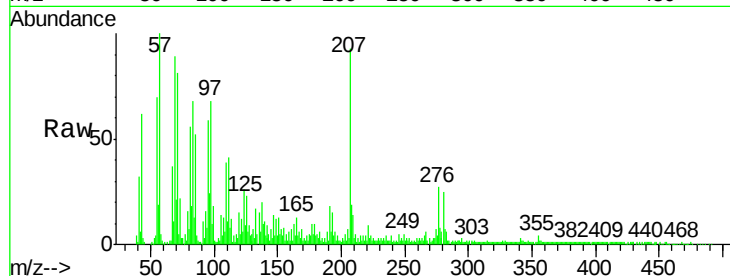
ClientSampleId :

BFC40

Tgt Ion:	276	Resp:	74983
Ion Ratio	Lower	Upper	
276	100		
138	37.2	10.9	16.3#
277	30.8	18.9	28.3#

Manual Integrations
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#94

Benzo(g,h,i)perylene

Concen: 1.338 ng/ul

RT: 26.31 min Scan# 3965

Delta R.T. 0.02 min

Lab File: BM019813.D

Acq: 09 Apr 2019 02:18

Tgt Ion:	276	Resp:	77297
Ion Ratio	Lower	Upper	
276	100		
138	36.9	11.2	16.8#
277	30.8	19.0	28.6#

