

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM093019\
 Data File : BM022819.D
 Acq On : 30 Sep 2019 11:26
 Operator : JU
 Sample : K4958-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESNZ3

Manual Integrations
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 10/2/2019 8:20:47 AM

Quant Time: Sep 30 23:52:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	256503	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1141340	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.45	164	733351	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.18	188	1523656	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	1269075	20.00	ng/ul	0.00
86) Perylene-d12	23.63	264	1138781	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	25338	4.27	ng/uL	0.00
5) Phenol-d5	6.97	99	541466	23.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	292382	23.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	441982	24.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	436521	23.52	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	206878	23.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	229373	23.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	455890	23.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	502349	21.59	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	1413339	24.83	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	1633861	24.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	240249	21.36	ng/ul	0.00
58) Fluorene-d10	15.43	176	1222327	25.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.55	200	163657	16.51	ng/ul	0.00
71) Anthracene-d10	17.28	188	1873554	25.18	ng/ul	0.00
79) Pyrene-d10	19.57	212	2132615	31.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.49	264	1577223	26.77	ng/ul	-0.01

Target Compounds

					Qvalue
6) Phenol	7.00	94	72136	3.036	ng/ul 97
14) Acetophenone	8.63	105	33631	1.186	ng/ul 99
45) Dimethylphthalate	13.90	163	368583	6.304	ng/ul 100
70) Phenanthrene	17.22	178	163134	1.794	ng/ul 99
77) Fluoranthene	19.24	202	583175	5.702	ng/ul 99
80) Pyrene	19.60	202	483128	5.370	ng/ul 100
83) Benzo(a)anthracene	21.34	228	184549	2.025	ng/ul 98
85) Chrysene	21.40	228	253942	3.023	ng/ul 98
88) Benzo(b)fluoranthene	22.95	252	363883	4.815	ng/ul# 98
89) Benzo(k)fluoranthene	22.99	252	93423m	1.292	ng/ul
91) Benzo(a)pyrene	23.53	252	194872	2.749	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.92	276	175024	2.324	ng/ul 96
94) Benzo(g,h,i)perylene	26.63	276	181454	2.987	ng/ul 99

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

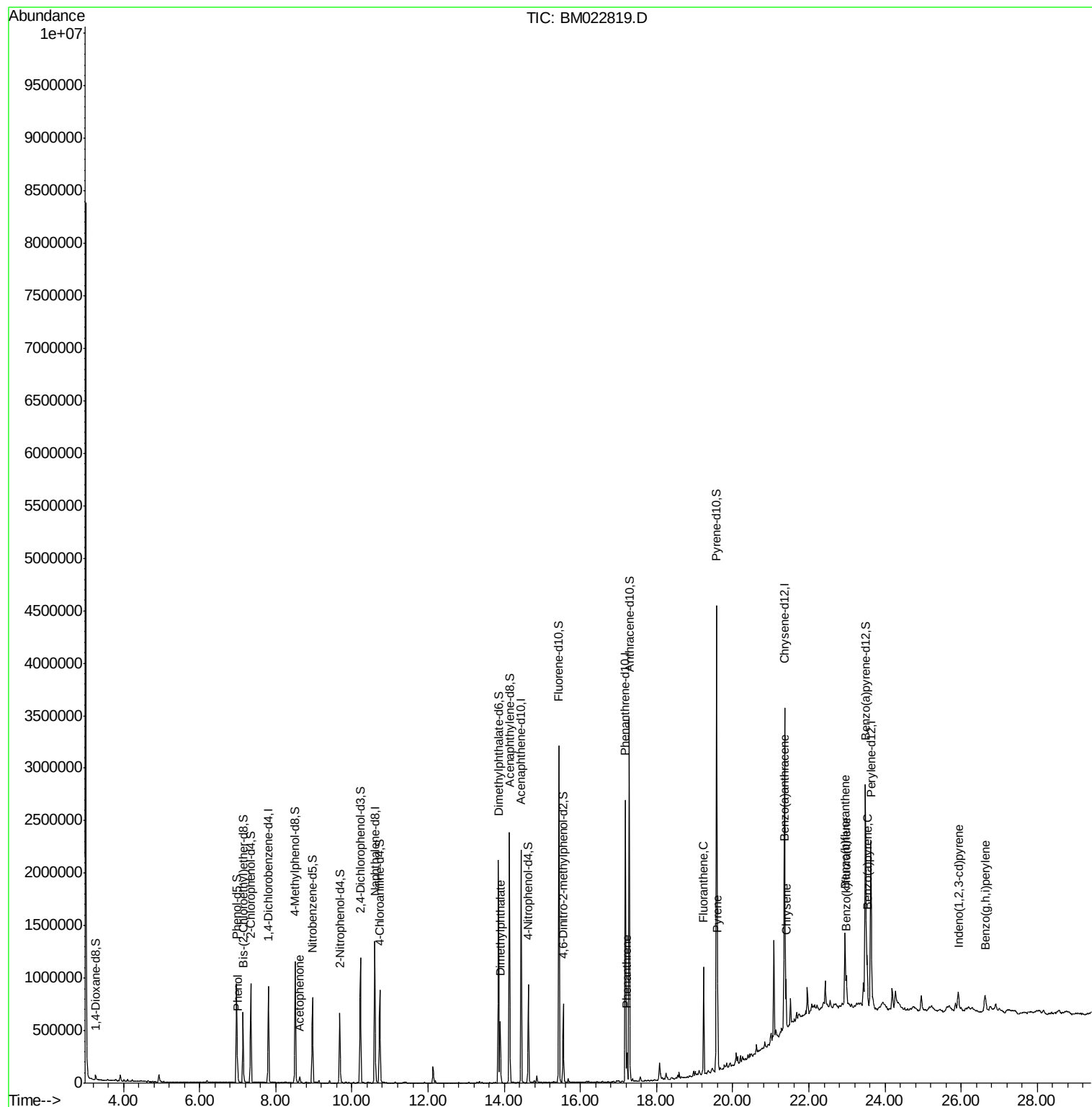
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM093019\
Data File : BM022819.D
Acq On : 30 Sep 2019 11:26
Operator : JU
Sample : K4958-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

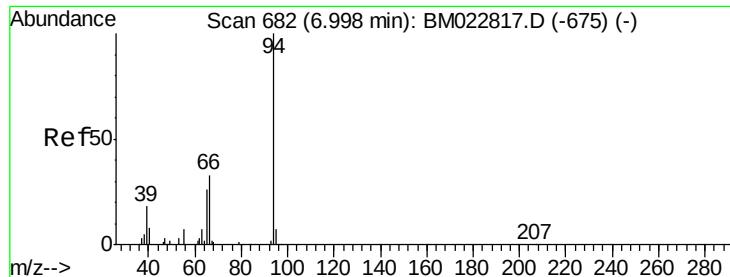
Instrument :
BNA_M
ClientSampleId :
ESNZ3

Quant Time: Sep 30 23:52:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration

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#6

Phenol

Concen: 3.036 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM022819.D

Acq: 30 Sep 2019 11:26

Instrument :

BNA_M

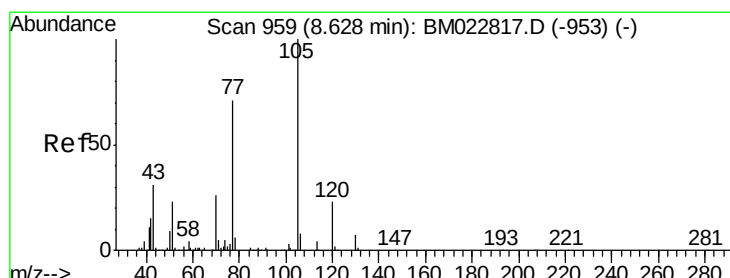
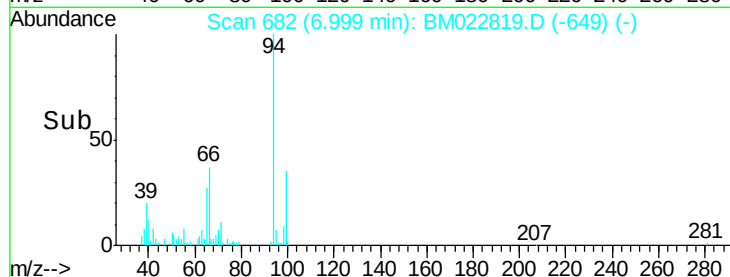
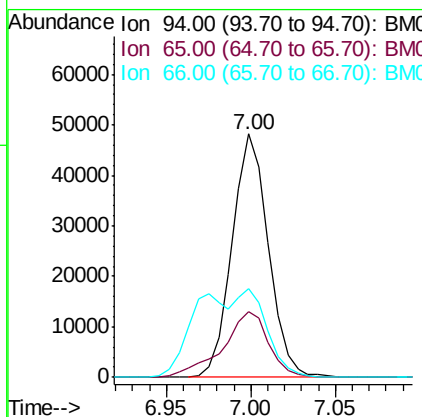
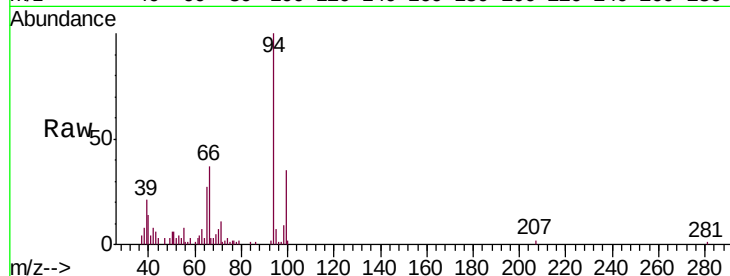
ClientSampleId :

ESNZ3

Tgt Ion:	94	Resp:	72136
Ion	Ratio	Lower	Upper
94	100		
65	27.1	20.9	31.3
66	36.5	27.2	40.8

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#14

Acetophenone

Concen: 1.186 ng/ul

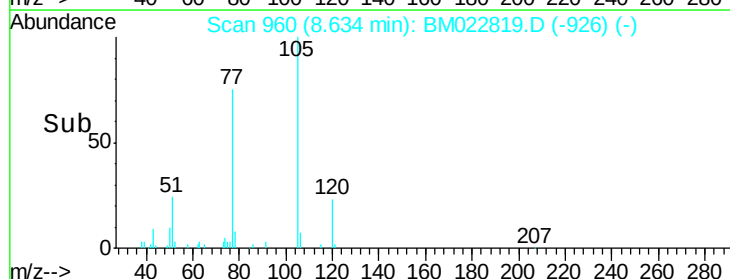
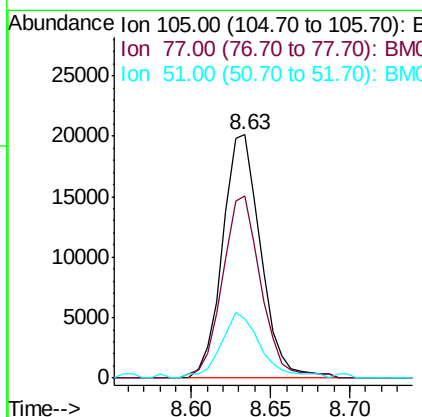
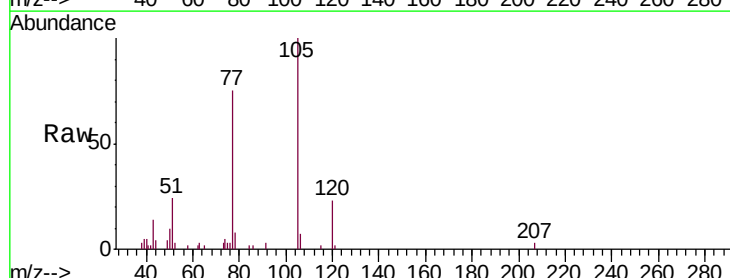
RT: 8.63 min Scan# 960

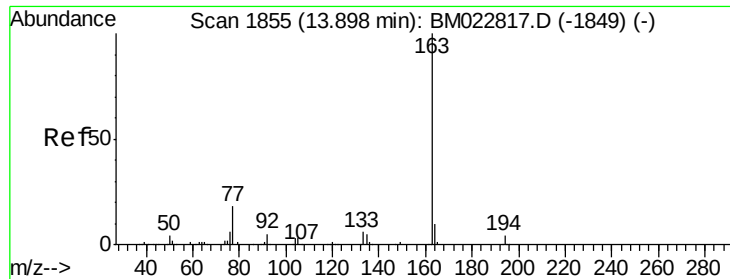
Delta R.T. 0.00 min

Lab File: BM022819.D

Acq: 30 Sep 2019 11:26

Tgt Ion:	105	Resp:	33631
Ion	Ratio	Lower	Upper
105	100		
77	74.8	59.4	89.0
51	24.3	19.4	29.0





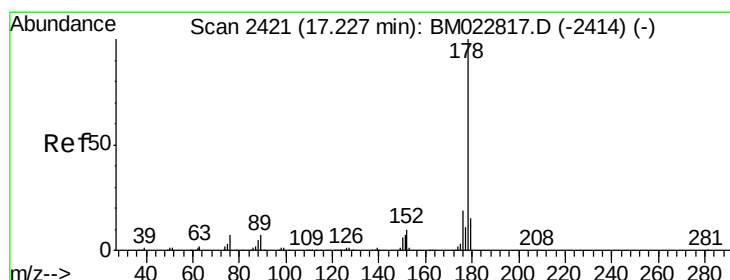
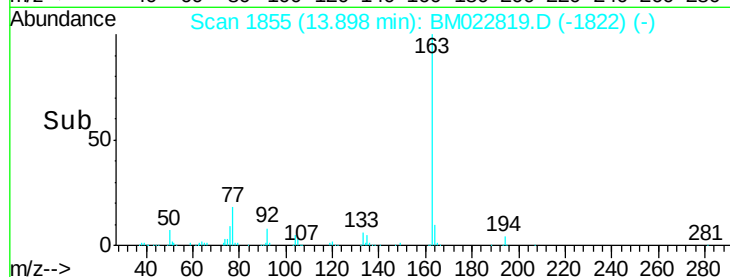
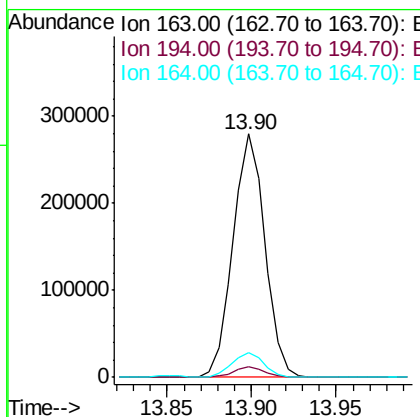
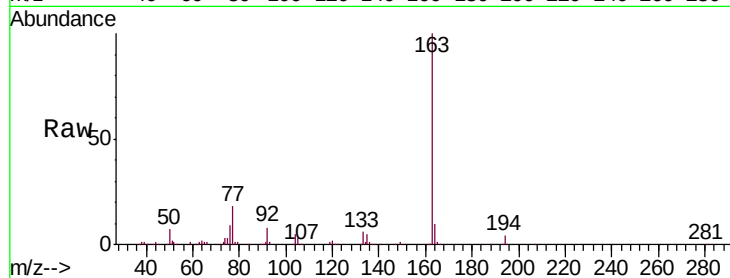
#45
Dimethylphthalate
Concen: 6.304 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM022819.D
Acq: 30 Sep 2019 11:26

Instrument :
BNA_M
ClientSampleId :
ESNZ3

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.1	3.4	5.0
164	10.1	8.1	12.1

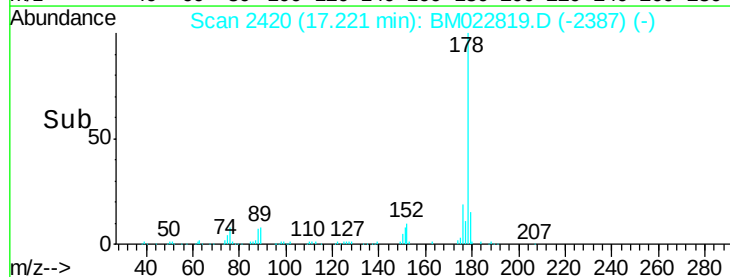
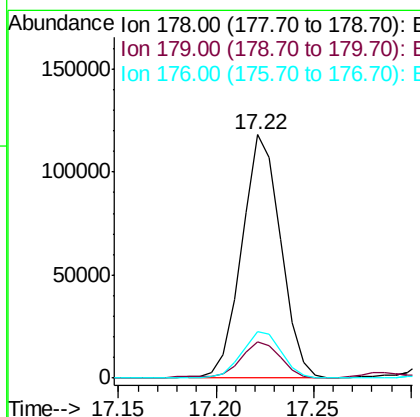
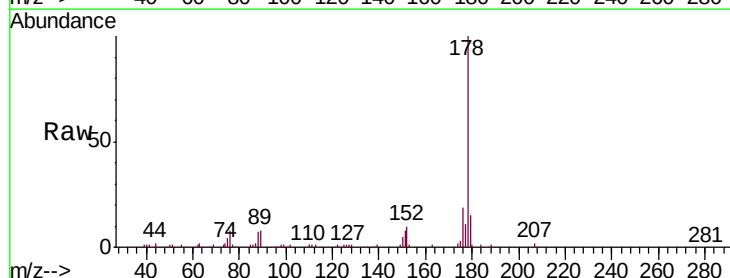
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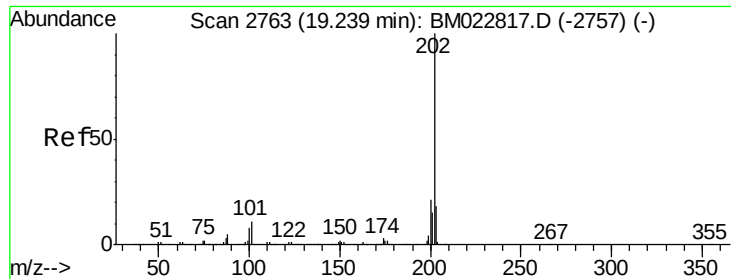
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#70
Phenanthrene
Concen: 1.794 ng/ul
RT: 17.22 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BM022819.D
Acq: 30 Sep 2019 11:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	14.9	12.4	18.6
176	19.4	15.3	22.9





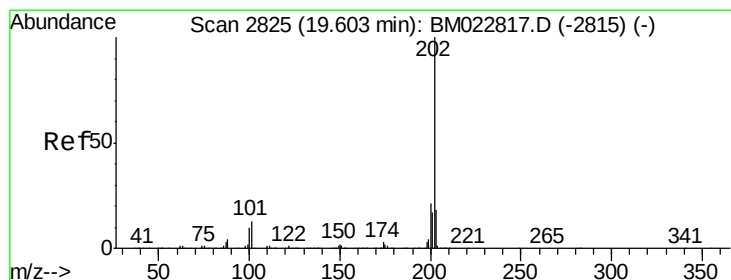
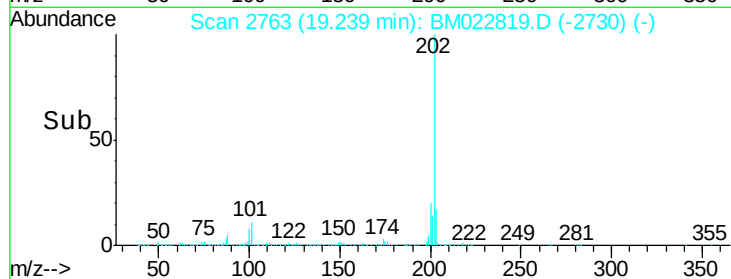
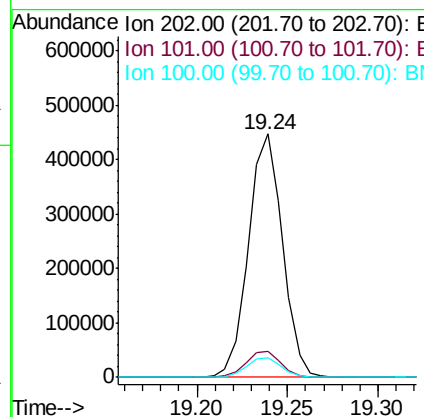
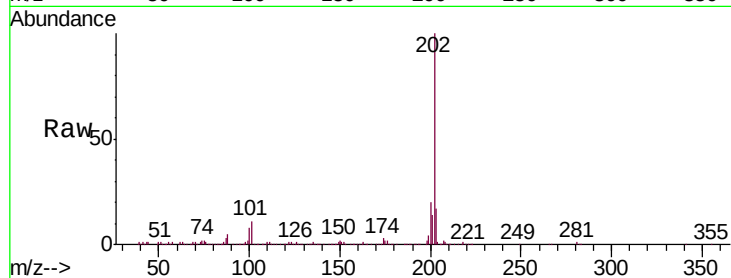
#77
Fluoranthene
 Concen: 5.702 ng/ul
 RT: 19.24 min Scan# 2763
 Delta R.T. -0.01 min
 Lab File: BM022819.D
 Acq: 30 Sep 2019 11:26

Instrument :
 BNA_M
 ClientSampleId :
 ESNZ3

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.8	8.6	12.8
100	8.3	6.4	9.6

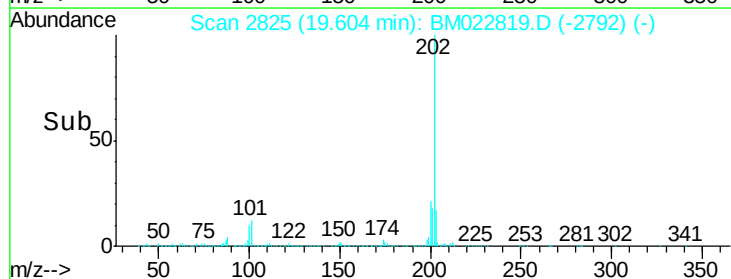
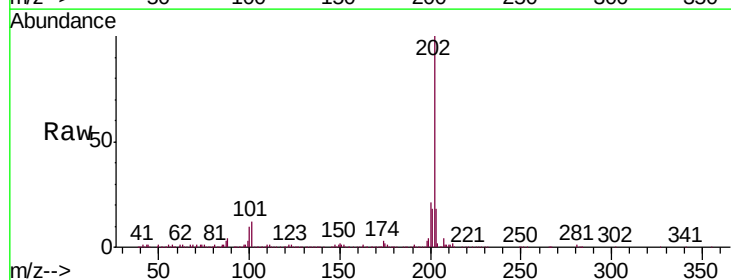
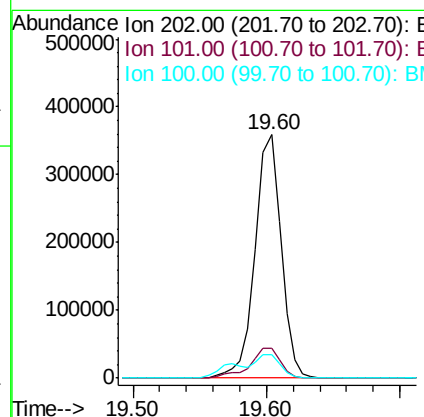
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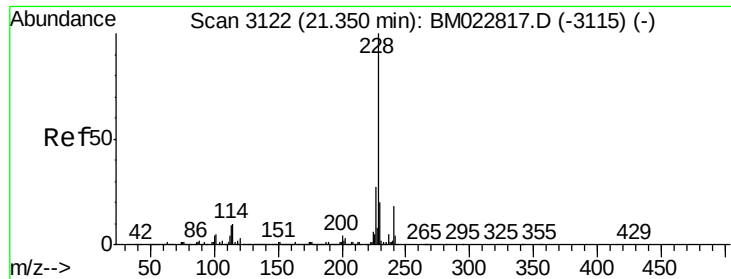
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#80
Pyrene
 Concen: 5.370 ng/ul
 RT: 19.60 min Scan# 2825
 Delta R.T. -0.01 min
 Lab File: BM022819.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.3	9.7	14.5
100	9.7	7.8	11.8





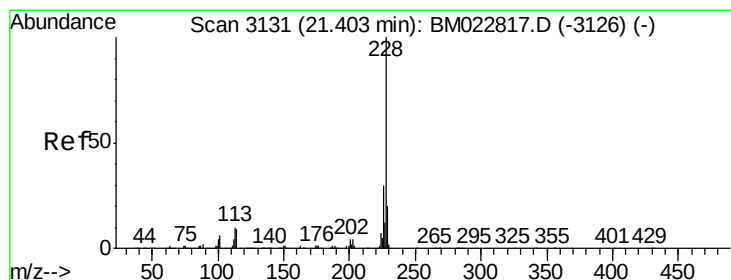
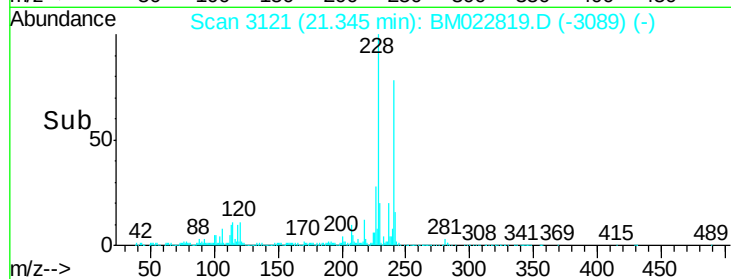
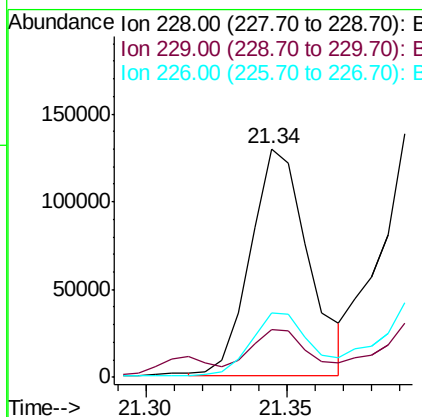
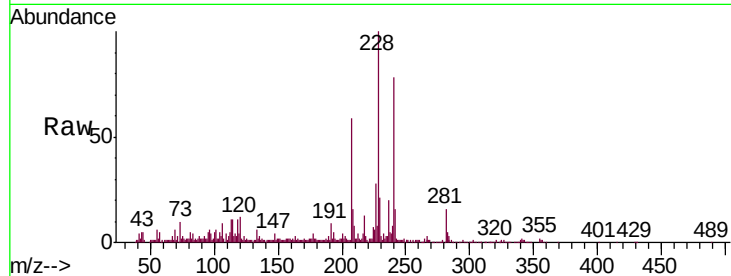
#83
Benzo(a)anthracene
Concen: 2.025 ng/ul
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM022819.D
Acq: 30 Sep 2019 11:26

Instrument :
BNA_M
ClientSampleId :
ESNZ3

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.8
226	28.5	22.4	33.6

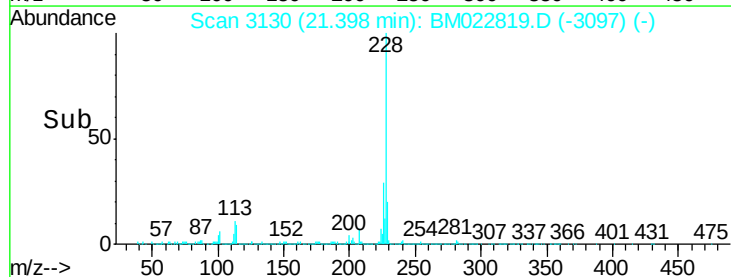
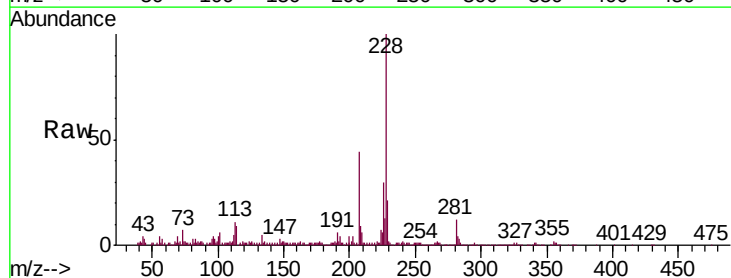
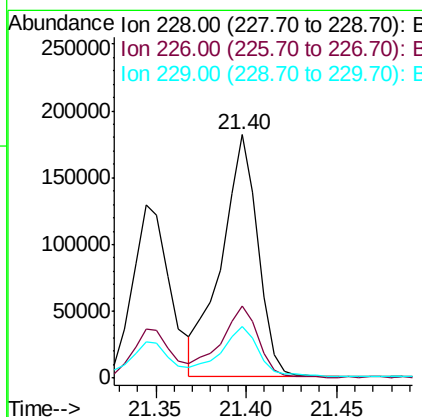
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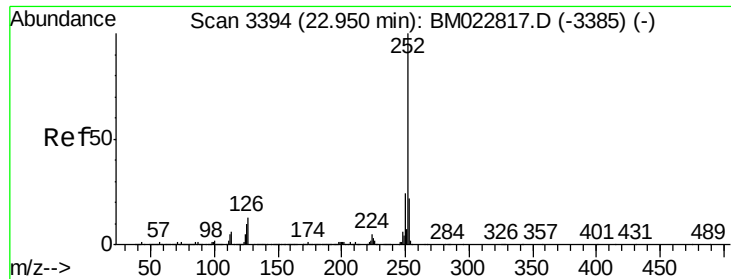
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#85
Chrysene
Concen: 3.023 ng/ul
RT: 21.40 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM022819.D
Acq: 30 Sep 2019 11:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.4
229	20.9	15.9	23.9





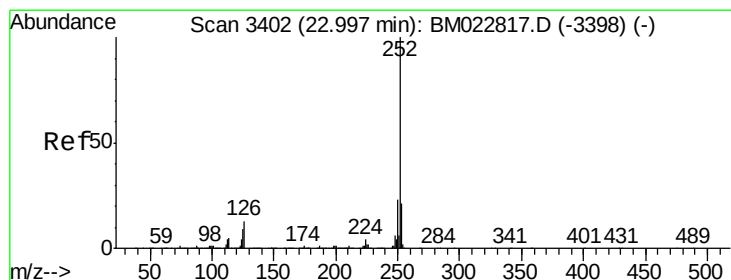
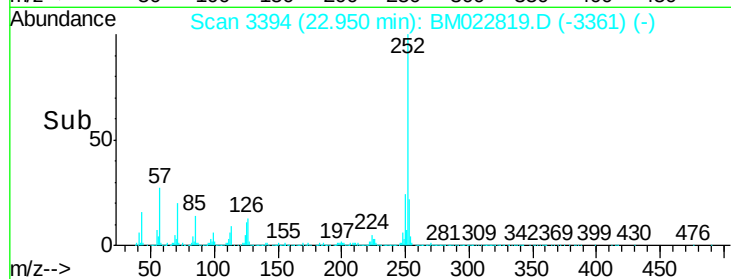
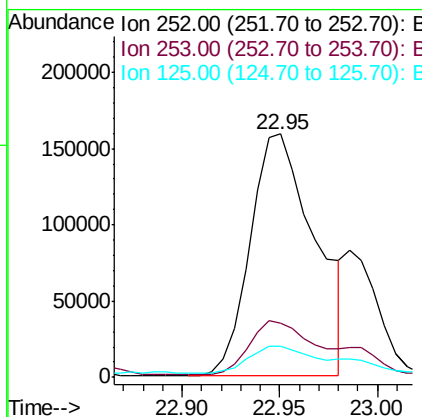
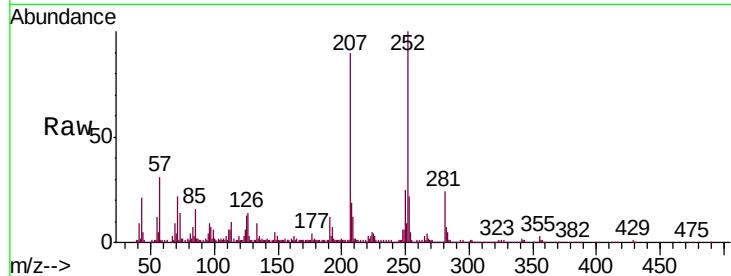
#88
Benzo(b)fluoranthene
Concen: 4.815 ng/ul
RT: 22.95 min Scan# 3394
Delta R.T. -0.01 min
Lab File: BM022819.D
Acq: 30 Sep 2019 11:26

Instrument :
BNA_M
ClientSampleId :
ESNZ3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	12.6	8.2	12.2#

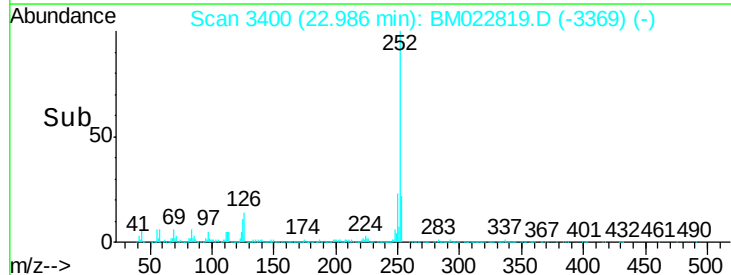
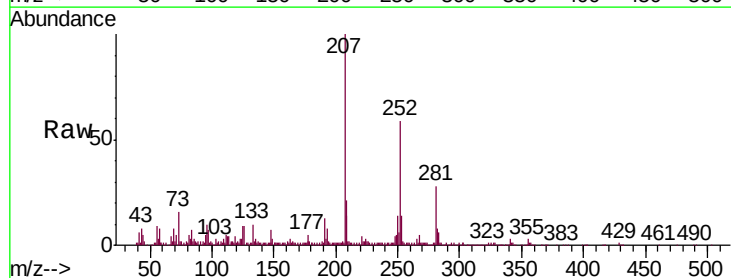
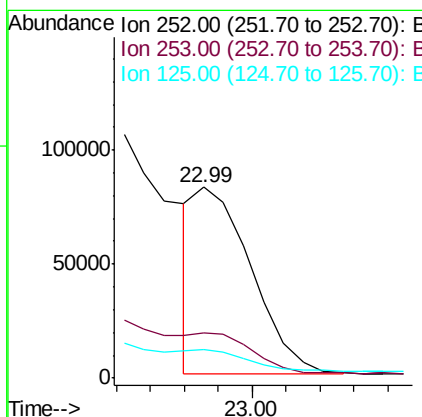
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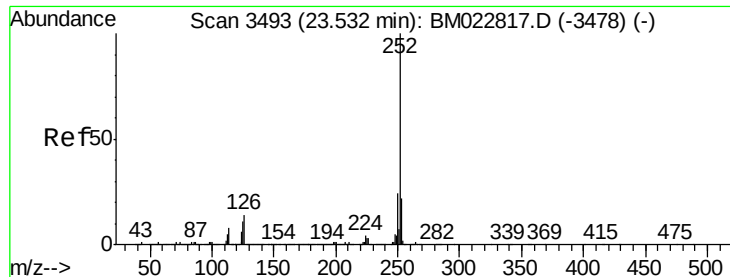
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#89
Benzo(k)fluoranthene
Concen: 1.292 ng/ul m
RT: 22.99 min Scan# 3400
Delta R.T. -0.02 min
Lab File: BM022819.D
Acq: 30 Sep 2019 11:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	14.6	7.9	11.9#





#91

Benzo(a)pyrene

Concen: 2.749 ng/ul

RT: 23.53 min Scan# 3493

Delta R.T. -0.01 min

Lab File: BM022819.D

Acq: 30 Sep 2019 11:26

Instrument :

BNA_M

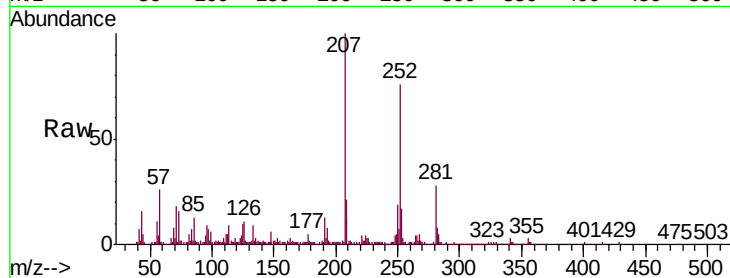
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ESNZ3

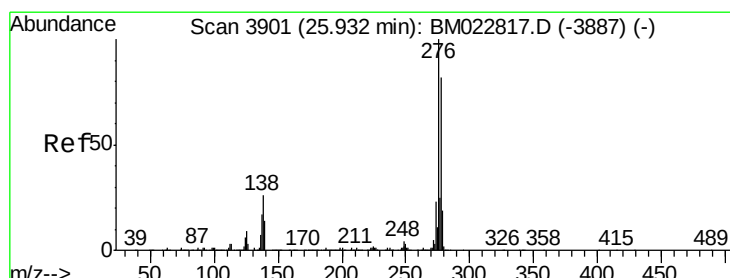
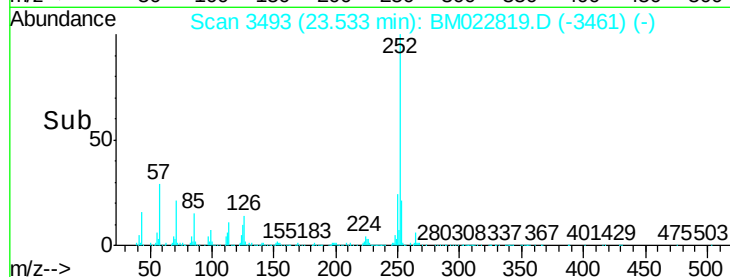
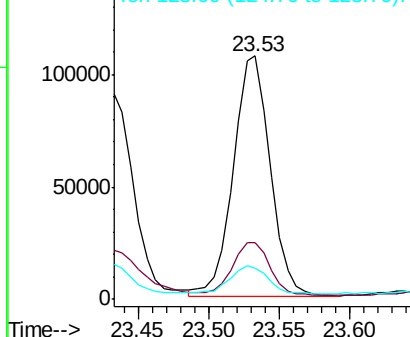
Tgt Ion:	252	Resp:	194872
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.6	26.4
125	12.6	8.7	13.1

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.324 ng/ul

RT: 25.92 min Scan# 3899

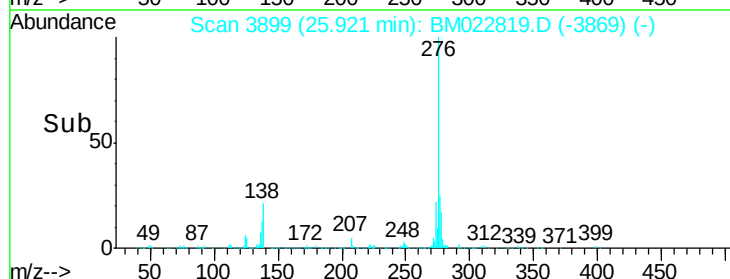
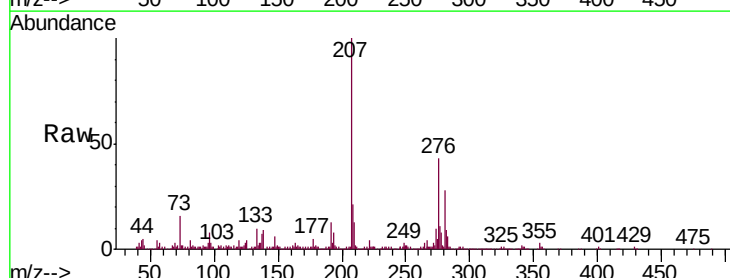
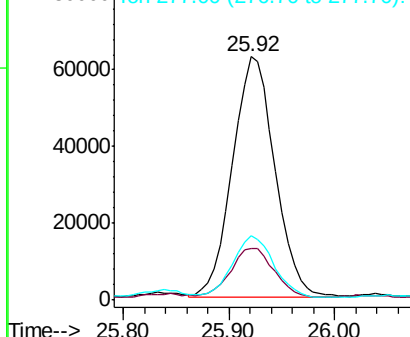
Delta R.T. -0.02 min

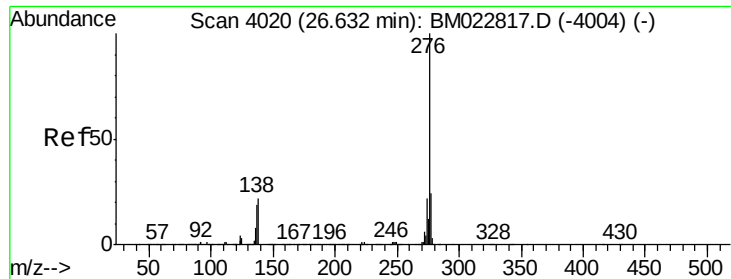
Lab File: BM022819.D

Acq: 30 Sep 2019 11:26

Tgt Ion:	276	Resp:	175024
Ion Ratio	Lower	Upper	
276	100		
138	21.3	19.8	29.8
277	26.4	20.3	30.5

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





#94

Benzo(g,h,i)perylene

Concen: 2.987 ng/ul

RT: 26.63 min Scan# 4020

Delta R.T. -0.02 min

Lab File: BM022819.D

Acq: 30 Sep 2019 11:26

Instrument :

BNA_M

ClientSampleId :

ESNZ3

Tgt Ion:	276	Resp:	181454
Ion Ratio		Lower	Upper
276	100		
138	21.9	17.6	26.4
277	24.4	19.1	28.7

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