

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
 Data File : BM026985.D
 Acq On : 03 Aug 2020 19:13
 Operator : JU/CG
 Sample : L3424-04DL 25X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0S79DL

Manual Integrations
 APPROVED

mohammad
 8/5/2020 10:26:19 AM

Quant Time: Aug 04 04:25:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 10:21:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	101075	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	400369	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	245609	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	492089	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	468729	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	467981	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.84	99	6831	0.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	4557	0.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	4899	0.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	5621	0.82	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	2583	0.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	2706	0.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	5421	0.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	3114	0.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	16812	0.87	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	20996	0.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	1453	0.45	ng/ul	0.00
58) Fluorene-d10	15.29	176	14718	0.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	987	0.45	ng/ul	0.00
71) Anthracene-d10	17.13	188	25235	1.03	ng/ul	0.00
79) Pyrene-d10	19.43	212	24338	0.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	23354	0.88	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.48	128	31341	1.401	ng/ul	95
48) Acenaphthylene	14.01	152	69399	2.787	ng/ul	98
70) Phenanthrene	17.07	178	50721	1.698	ng/ul	98
72) Anthracene	17.17	178	284881	9.279	ng/ul	99
77) Fluoranthene	19.09	202	297663	8.440	ng/ul	100
80) Pyrene	19.46	202	341592	10.017	ng/ul	96
83) Benzo(a)anthracene	21.21	228	248140m	7.681	ng/ul	
85) Chrysene	21.26	228	466071	14.793	ng/ul	99
88) Benzo(b)fluoranthene	22.78	252	939319	28.058	ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	224454m	6.987	ng/ul	
91) Benzo(a)pyrene	23.33	252	254719	8.432	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.64	276	363558m	9.701	ng/ul	
93) Dibenzo(a,h)anthracene	25.64	278	91125	2.875	ng/ul#	91
94) Benzo(g,h,i)perylene	26.31	276	163897	5.289	ng/ul	99

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

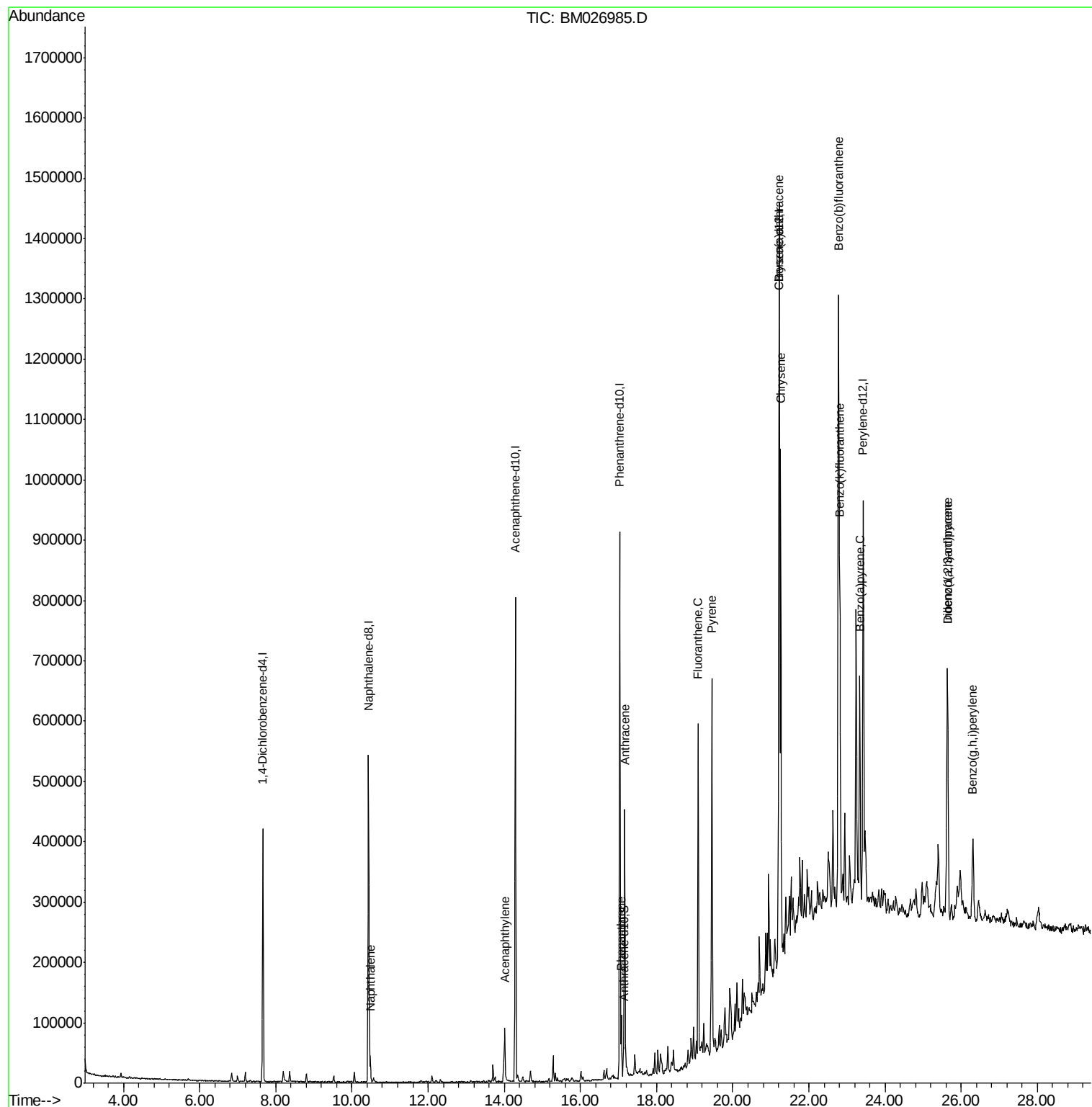
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026985.D
Acq On : 03 Aug 2020 19:13
Operator : JU/CG
Sample : L3424-04DL 25X
Misc :
ALS Vial : 12 Sample Multiplier: 1

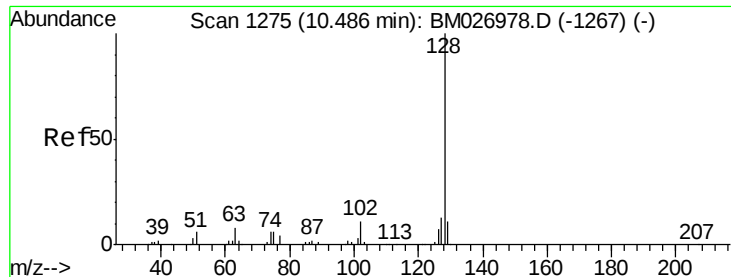
Instrument :
BNA_M
ClientSampleId :
C0S79DL

Manual Integrations
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Quant Time: Aug 04 04:25:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration





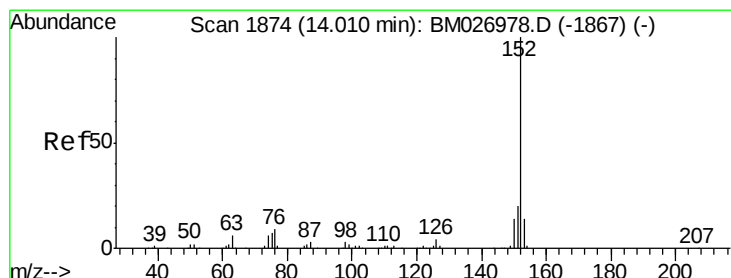
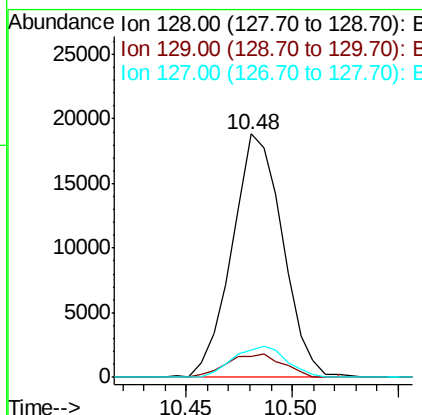
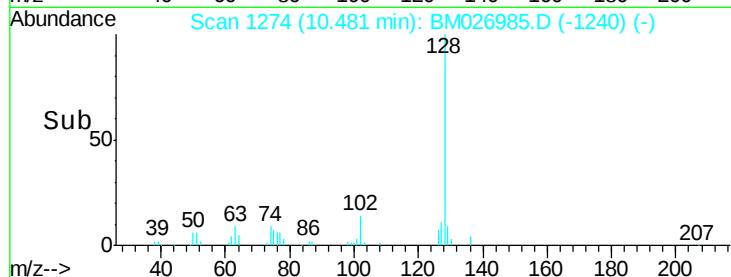
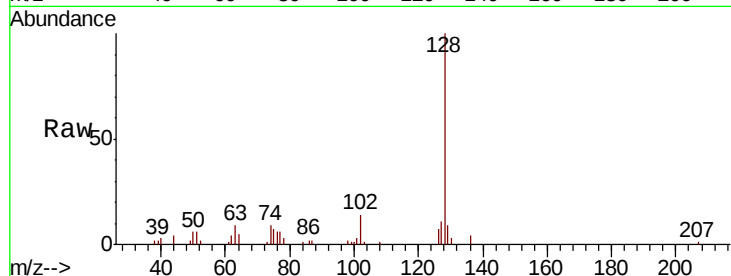
#28
Naphthalene
Concen: 1.401 ng/ul
RT: 10.48 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BM026985.D
Acq: 03 Aug 2020 19:13

Instrument :
BNA_M
ClientSampleId :
C0S79DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	8.8	8.3	12.5
127	11.4	11.0	16.6

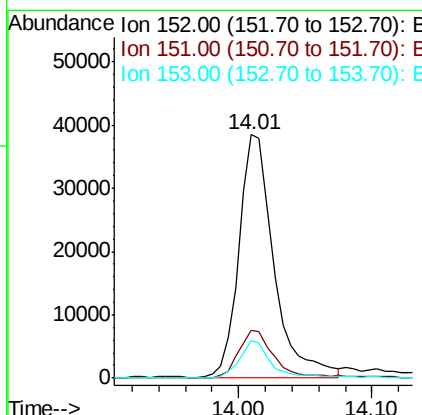
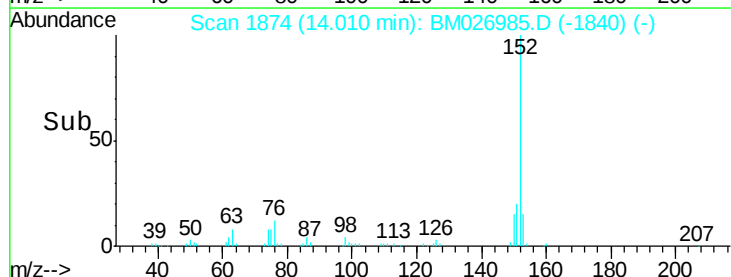
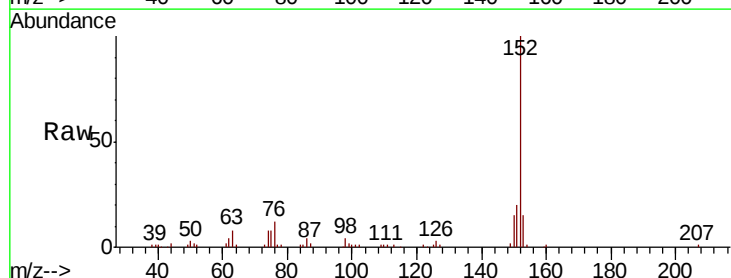
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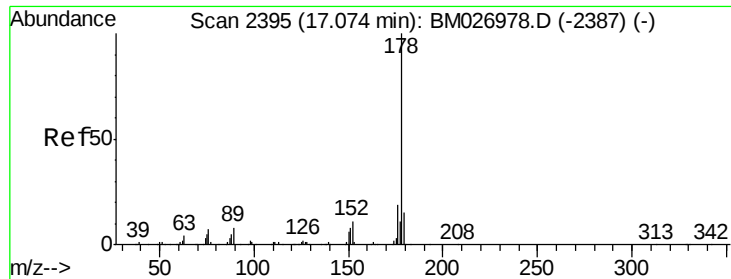
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#48
Acenaphthylene
Concen: 2.787 ng/ul
RT: 14.01 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BM026985.D
Acq: 03 Aug 2020 19:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	15.2	10.7	16.1





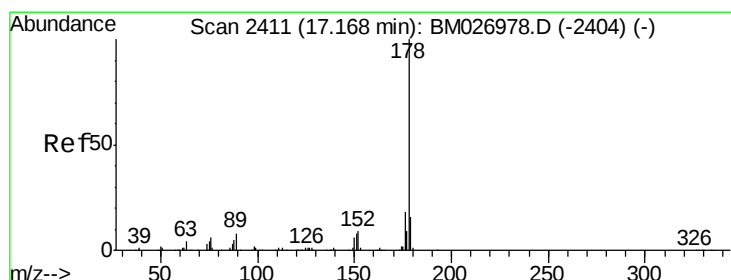
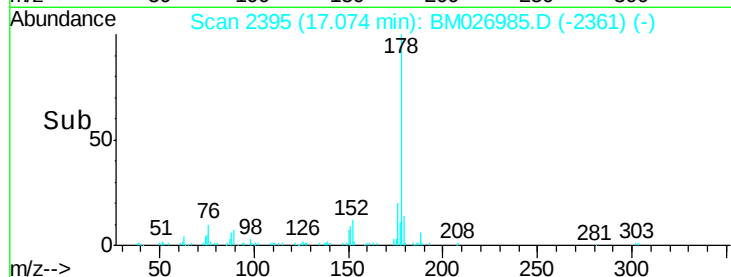
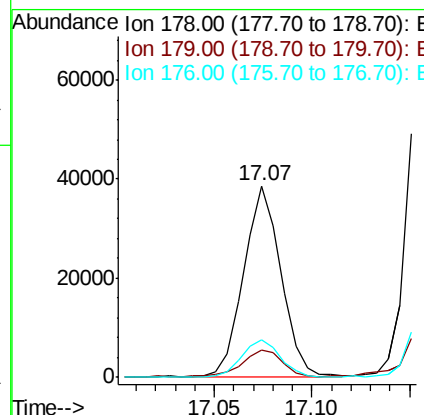
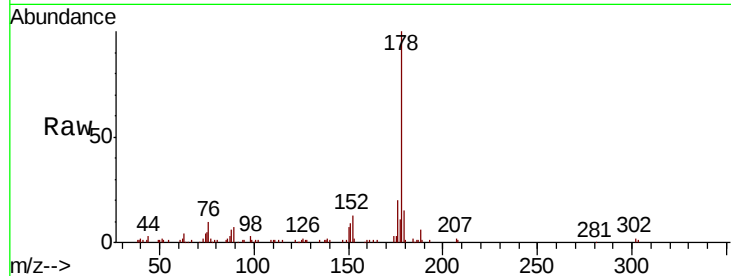
#70
Phenanthrene
Concen: 1.698 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM026985.D
Acq: 03 Aug 2020 19:13

Instrument :
BNA_M
ClientSampleId :
C0S79DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.0	18.0
176	19.6	14.7	22.1

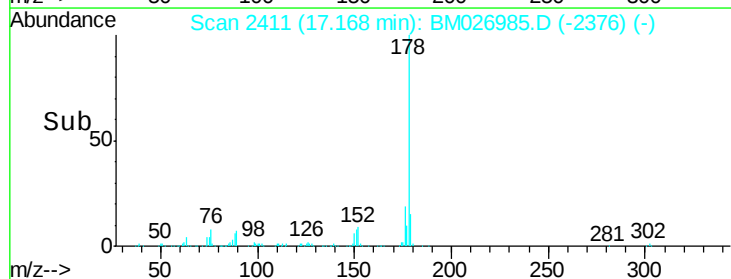
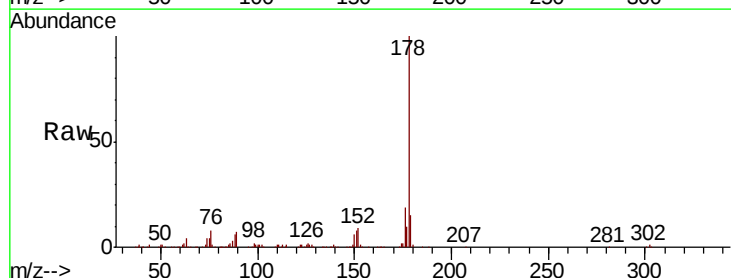
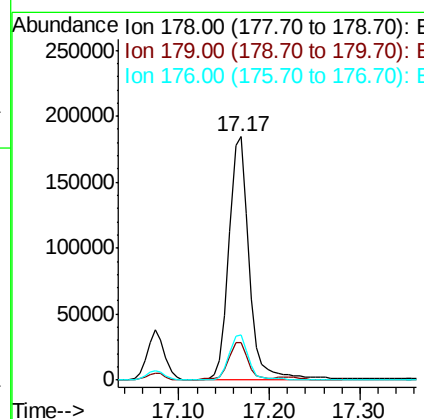
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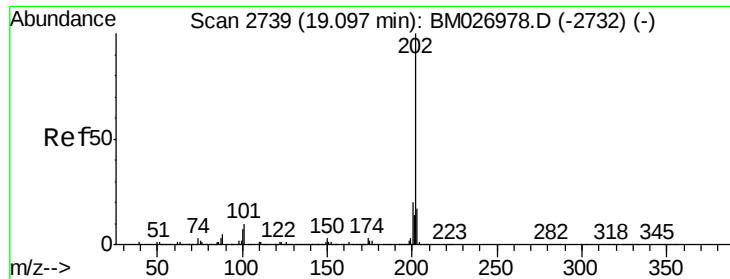
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#72
Anthracene
Concen: 9.279 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BM026985.D
Acq: 03 Aug 2020 19:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.6
176	18.7	15.0	22.6





#77

Fluoranthene

Concen: 8.440 ng/ul

RT: 19.09 min Scan# 2738

Delta R.T. -0.00 min

Lab File: BM026985.D

Acq: 03 Aug 2020 19:13

Instrument :

BNA_M

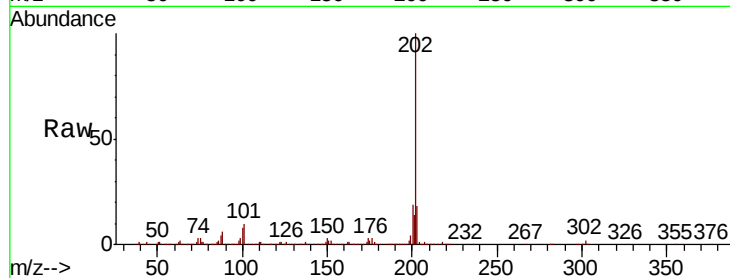
ClientSampleId :

C0S79DL

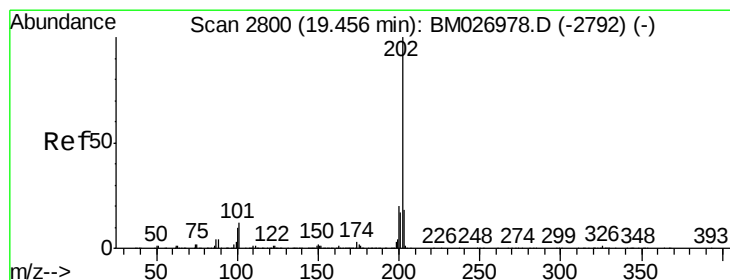
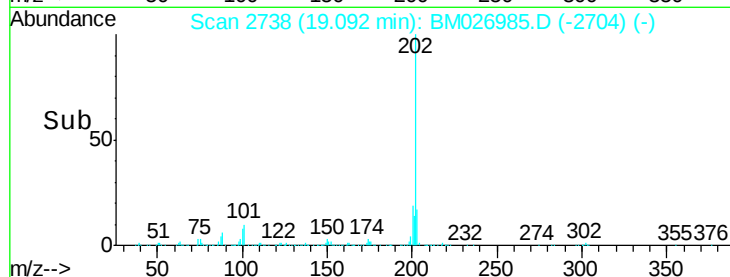
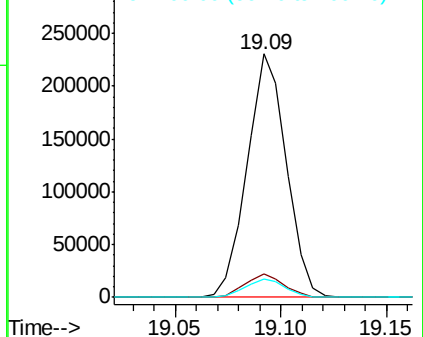
Tot Ion	Ratio	Resp	Lower	Upper
202	100	297663		
101	9.8	7.7	11.5	
100	7.7	6.2	9.4	

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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: 10.017 ng/ul

RT: 19.46 min Scan# 2800

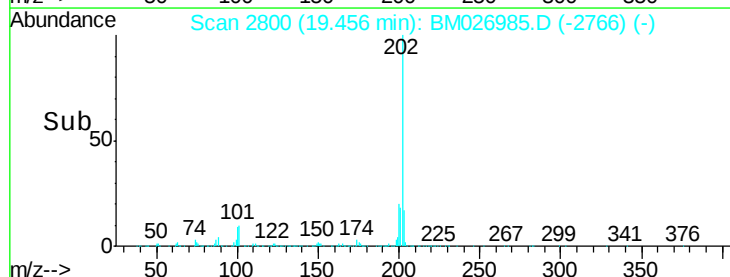
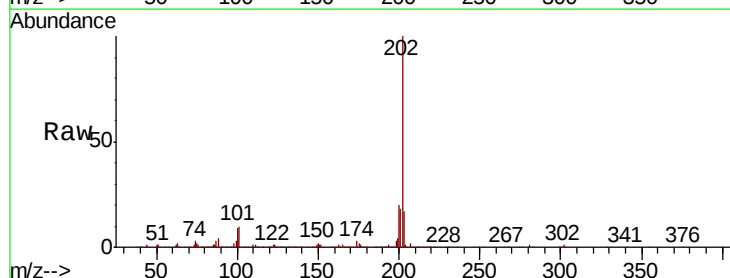
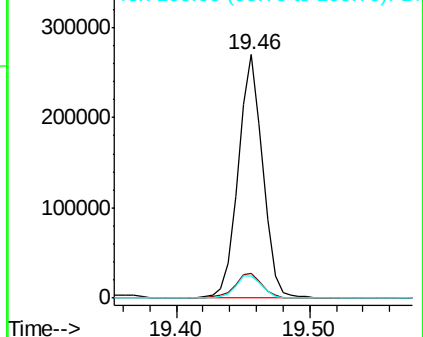
Delta R.T. -0.00 min

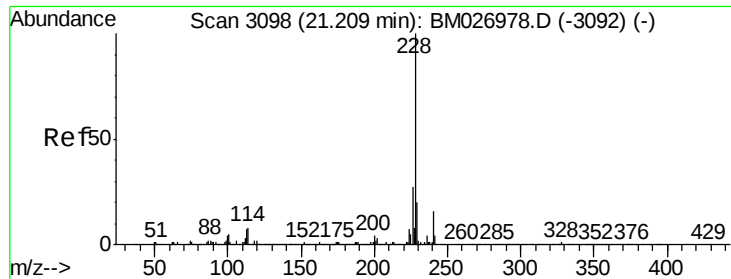
Lab File: BM026985.D

Acq: 03 Aug 2020 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	341592		
101	10.3	9.4	14.2	
100	8.9	8.2	12.4	

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





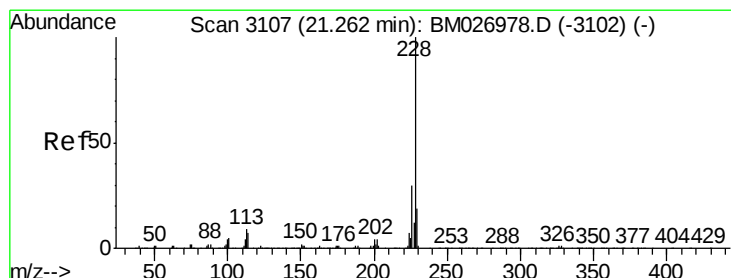
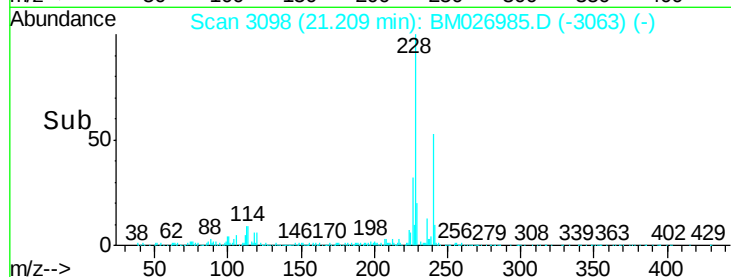
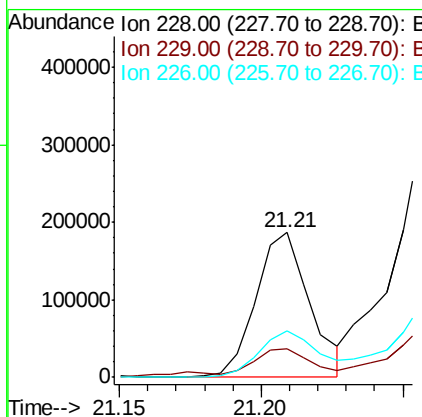
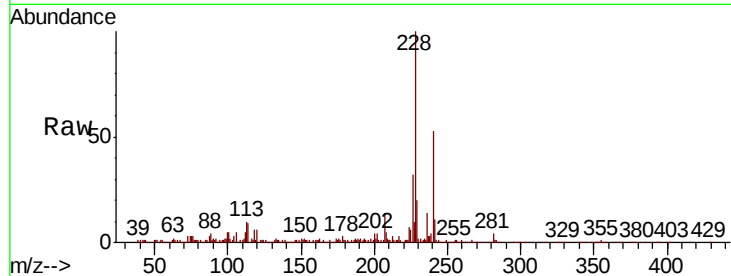
#83
Benzo(a)anthracene
Concen: 7.681 ng/ul m
RT: 21.21 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BM026985.D
Acq: 03 Aug 2020 19:13

Instrument :
BNA_M
ClientSampleId :
C0S79DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.2
226	32.3	20.9	31.3

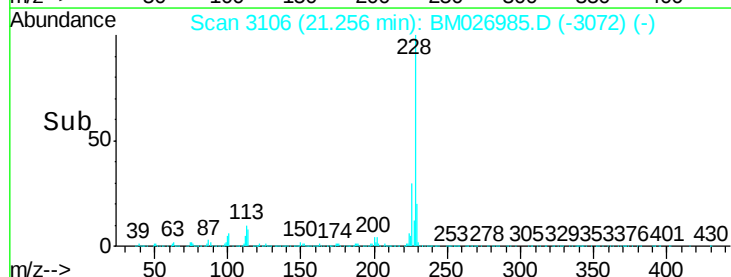
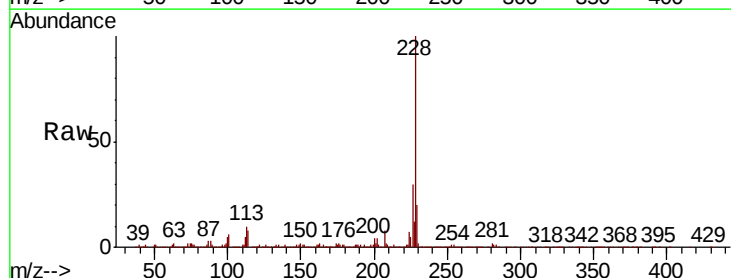
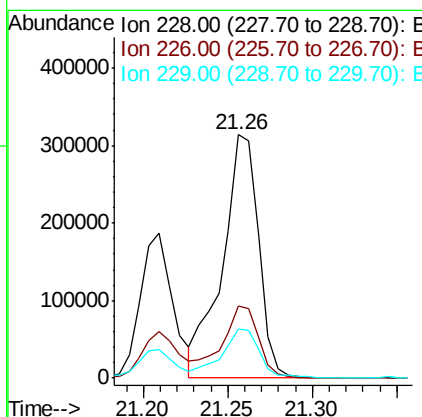
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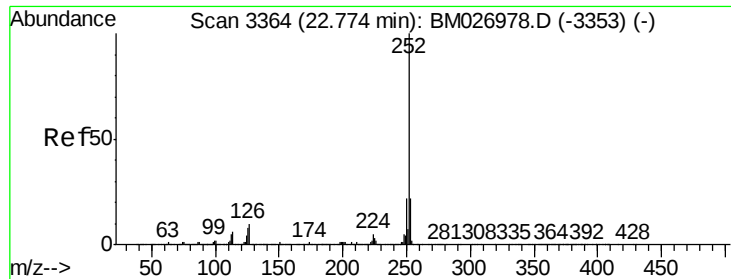
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#85
Chrysene
Concen: 14.793 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM026985.D
Acq: 03 Aug 2020 19:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.2	34.8
229	20.1	15.5	23.3





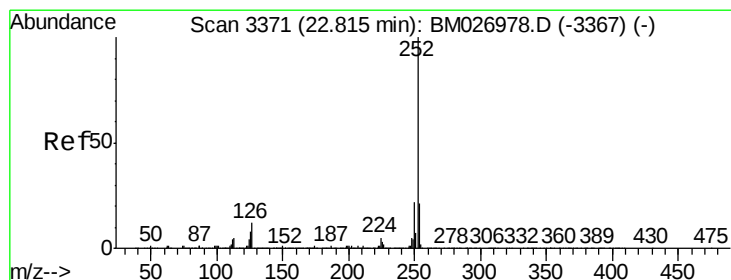
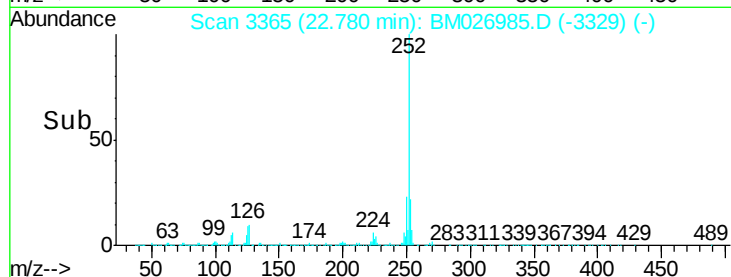
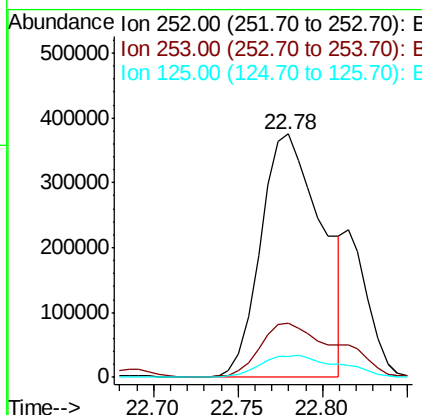
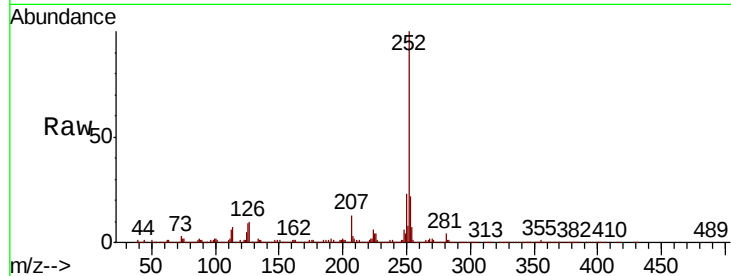
#88
Benzo(b)fluoranthene
Concen: 28.058 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. 0.01 min
Lab File: BM026985.D
Acq: 03 Aug 2020 19:13

Instrument :
BNA_M
ClientSampleId :
C0S79DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	8.8	6.6	10.0

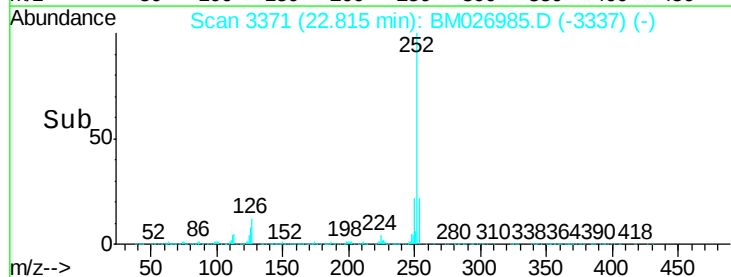
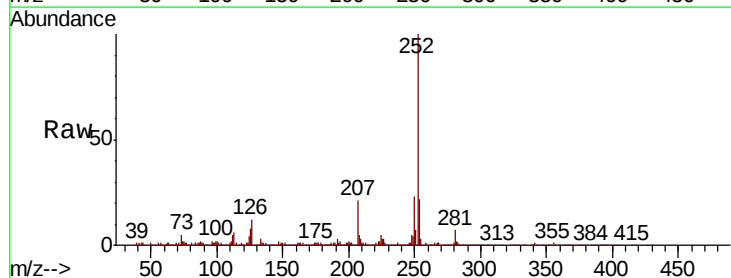
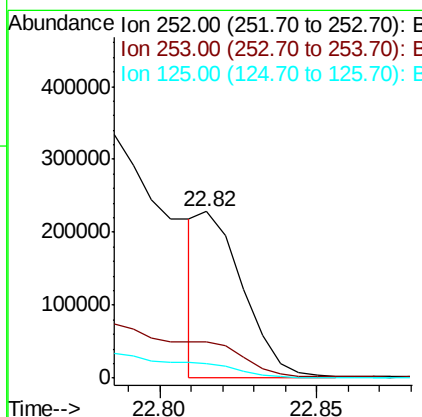
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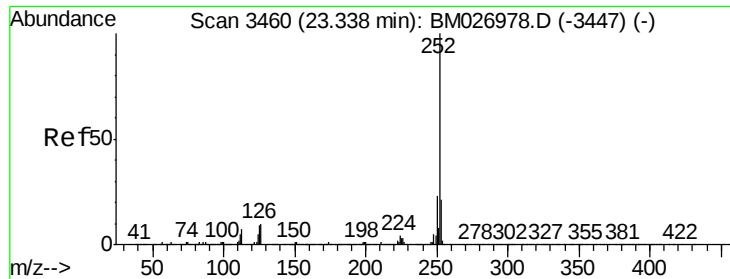
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#89
Benzo(k)fluoranthene
Concen: 6.987 ng/ul m
RT: 22.82 min Scan# 3371
Delta R.T. -0.00 min
Lab File: BM026985.D
Acq: 03 Aug 2020 19:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	8.4	7.3	10.9





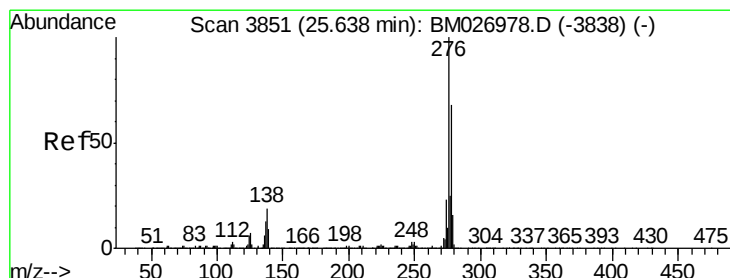
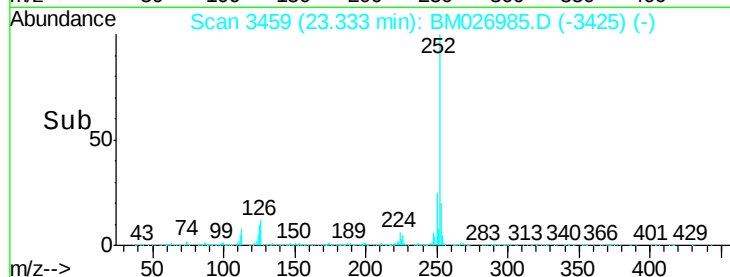
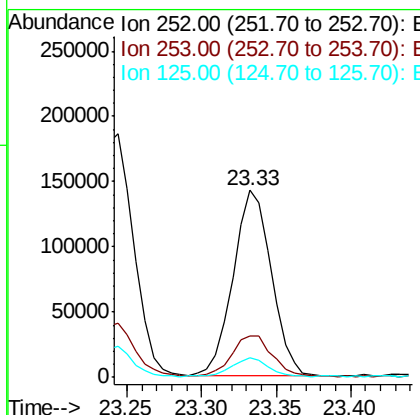
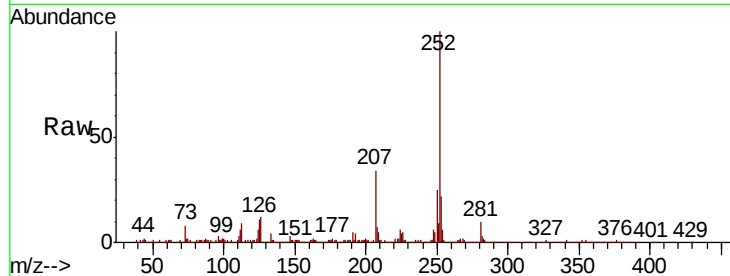
#91
Benzo(a)pyrene
Concen: 8.432 ng/ul
RT: 23.33 min Scan# 3459
Delta R.T. -0.00 min
Lab File: BM026985.D
Acq: 03 Aug 2020 19:13

Instrument :
BNA_M
ClientSampleID :
C0S79DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.7	8.2	12.2

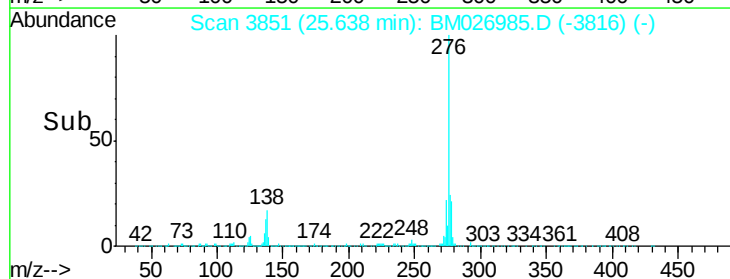
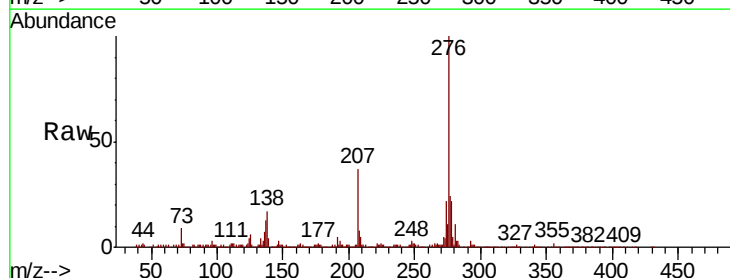
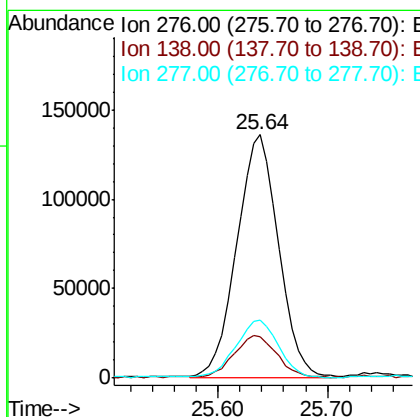
Manual Integrations
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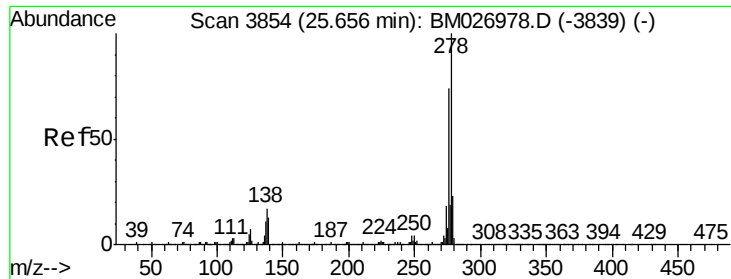
mohammad
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#92
Indeno(1,2,3-cd)pyrene
Concen: 9.701 ng/ul m
RT: 25.64 min Scan# 3851
Delta R.T. 0.00 min
Lab File: BM026985.D
Acq: 03 Aug 2020 19:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.9	17.0	25.4#
277	23.8	20.6	30.8





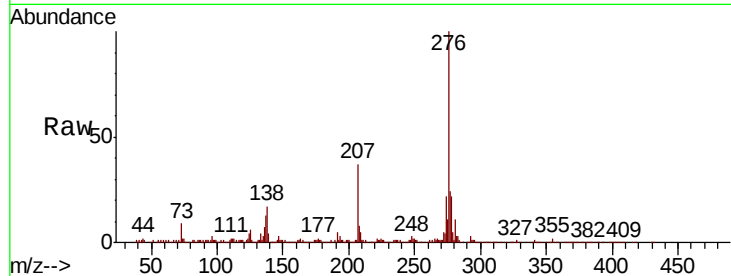
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Dibenzo(a,h)anthracene
Concen: 2.875 ng/ul
RT: 25.64 min Scan# 3851
Delta R.T. -0.01 min
Lab File: BM026985.D
Acq: 03 Aug 2020 19:13

Instrument :
BNA_M
ClientSampleId :
C0S79DL

Tot Ion	Ratio	Lower	Upper
278	100		
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279	21.5	19.4	29.2

Manual Integrations
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8/5/2020 10:26:19 AM

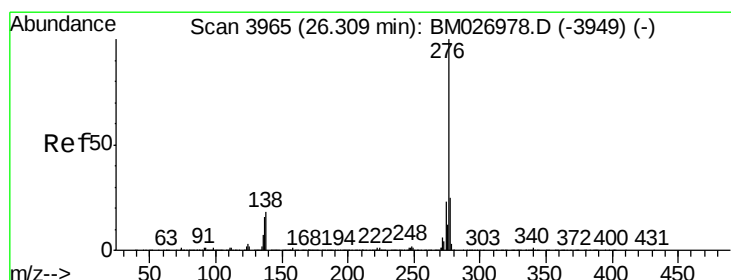
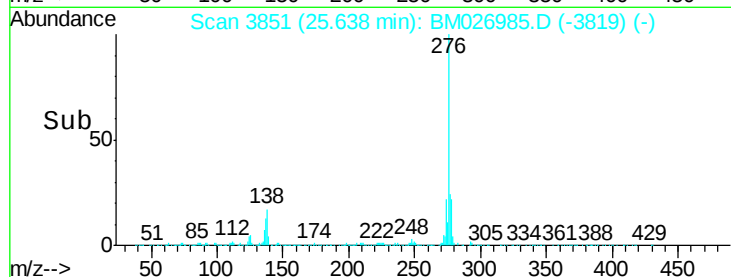
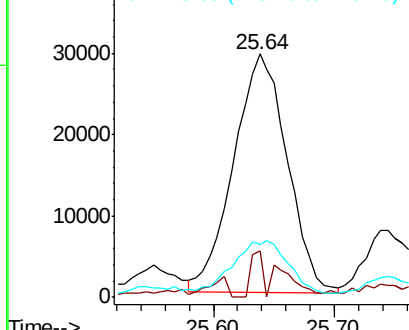


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94
Benzo(g,h,i)perylene
Concen: 5.289 ng/ul
RT: 26.31 min Scan# 3965
Delta R.T. -0.00 min
Lab File: BM026985.D
Acq: 03 Aug 2020 19:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.3	14.9	22.3
277	23.9	19.1	28.7

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

